

Price Book

2024

Effective January 1, 2024

GRUNDFOS 

Possibility in every drop

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DOMESTIC & RESIDENTIAL BOOSTING

SCALA2 | CMBE | CMBE TWIN | SCALA1 | JP | SBA



 Bluetooth



SCALA2 / SCALA2 Accessories / CMBE

DOMESTIC & RESIDENTIAL BOOSTING ► VARIABLE SPEED BOOSTER

SCALA2: COMPACT SELF-PRIMING BOOSTER WITH INTEGRATED SPEED CONTROL

GRUNDFOS SCALA2 is a robust, composite, variable speed pump that adjusts performance according to water demand, providing constant pressure to all taps. The fully integrated pump includes a motor, tank, sensor, drive and non-return valve in one compact unit that is quick and easy to install.

The SCALA2 is self-priming, allowing for use from both above and below ground water sources and the water-cooled motor ensures quiet operation.

Liquid temperature: 32°F - 113°F (0°C - 45°C)

Ambient temperature: 32°F - 113°F (0°C - 45°C)

Supply voltage: 1 x 115 Volt 60Hz; 1 x 208-230 Volt 60 Hz

Adjustable constant pressure: Min 22 psi/max 80 psi (Min 1.5 bar/max 5.5 bar)

Maximum inlet pressure: 87 psi -- 22 psi required to reach 80 psi (6 bar- 1.5 bar required to reach 5.5 bar)

Nominal flow: 3.21 GPM (3-4 taps)

Enclosure class: Suitable for outdoor installation (IP X4D)

Scope of delivery: Non return valves (inlet/outlet), cable 6 ft with plug

Noise pressure level: Low noise levels (47 dB(A))

Pallet quantity: 14



MPG DA

P2 [HP]	Inlet type	Inlet [inch]	Outlet type	Discharge [inch]	Model	Part Number	Price
1 x 115							
0.60	NPT(M)	1	NPT(M)	1	SCALA2 3-45	98562818	1,286
1 x 208-230							
0.60	NPT(M)	1	NPT(M)	1	SCALA2 3-45	98562817	1,286

SCALA2 ACCESSORIES: SETS, KITS OR PARTS

MPG AD

Short description	Part Number	Price
Bulk, SCALA2 Locking Pin (20)	99862078	39
SCALA Inlet Filter, 250 micron, NPT	99725185	96

CMBE: PRESSURE BOOSTER WITH INTEGRATED SPEED CONTROL

The GRUNDFOS CMBE is a variable speed pump that adjusts according to water pressure demand, resulting in lower running costs. All wetted components are constructed from high quality stainless steel, ensuring the water quality is not affected by pump materials. The pump will provide constant pressure at the draw point, e.g. tap, (up to pump capacity), regardless of variation in demand or inlet pressure.

Components:

CME pump with integrated frequency converter with all parts in contact with the liquid constructed from stainless steel (AISI 304)

5-way valve with non return valve

2 liter diaphragm tank

Pressure sensor and pressure gauge

Power cable - 4.9 ft length with plug

Liquid temperature: 32°F to +140°F (0°C to +60°C)

Ambient temperature: -4°F to +131°F (-20°C to +55°C)

Supply voltage: 1 x 115 Volt 60Hz; 1 x 200-240 Volt 60 Hz

System pressure: Max. 145 psi (10 bar)

Enclosure class: Suitable for covered installation (IP55)

Note: Motor with HMI 200 interface

Pallet quantity: 1



MPG DA

Nominal flow gpm	I [A]	Inlet type	Inlet	Outlet type	Discharge [inch]	Nominal head ft	P2 [HP]	Model	Part Number	Price
1 x 115										
8	8.0	NPT(M)	1	NPT(F)	1	85	0.72	CMBE 1-44	98810910	2,804
8	8.0	NPT(M)	1	NPT(F)	1	143	1.01	CMBE 1-75	98810921	3,343
16	8.0	NPT(M)	1	NPT(F)	1	62	0.75	CMBE 3-30	98810922	3,334

Continuation

Nominal flow gpm	I [A]	Inlet type	Inlet	Outlet type	Discharge [inch]	Nominal head ft	P2 [HP]	Model	Part Number	Price
16	8.0	NPT(M)	1	NPT(F)	1	95	1.01	CMBE 3-51	98810924	3,624
1 x 200-240										
10	3,45- 2,90	NPT(M)	1	NPT(F)	1	94	0.74	CMBE 1-44	98548109	2,804
10	6,70- 5,60	NPT(M)	1	NPT(F)	1	161	1.16	CMBE 1-75	98548110	3,343
10	6,70- 5,60	NPT(M)	1	NPT(F)	1	204	1.48	CMBE 1-99	98548111	3,980
18	6,70- 5,60	NPT(M)	1	NPT(F)	1	77	0.78	CMBE 3-30	98548112	3,334
18	6,70- 5,60	NPT(M)	1	NPT(F)	1	148	1.48	CMBE 3-62	98548113	3,956
18	9,10- 7,60	NPT(M)	1	NPT(F)	1	217	2.01	CMBE 3-93	98548114	4,293
26	6,70- 5,60	NPT(M)	1 1/4	NPT(F)	1	84	1.48	CMBE 5-31	98548115	3,946
26	9,10- 7,60	NPT(M)	1 1/4	NPT(F)	1	156	2.01	CMBE 5-62	98548116	4,286
54	9,10- 7,60	NPT(M)	1 1/2	NPT(F)	1 1/2	82	2.01	CMBE 10-54	98548118	4,660

CMBE TWIN: TWIN PRESSURE BOOSTER - WITH INTEGRATED SPEED CONTROL

The CMBE TWIN booster system consists of two CMBEs connected in parallel and mounted on a common base plate, suitable for clean water supply and pressure boosting in domestic and commercial applications.

Components (per pump):

CME pump with integrated frequency converter with all parts in contact with the liquid constructed from stainless steel (AISI 304)

5-way tee with non return valve

Expansion vessel 2 litre

Pressure sensor and pressure gauge

Power cable - 15 ft (no plug)

Liquid temperature: 32°F to +140°F (0°C to +60°C)

Ambient temperature: -4°F to +131°F (-20°C to +55°C)

Supply voltage: 1 x 115 Volt 60Hz; 1 x 200-240 Volt 60 Hz

System pressure: Max. 145 psi (10 bar)

Enclosure class: Suitable for covered installation (IP55)

Note 1: P2 & Rated Current (In [A]) is per pump

Note 2: Motor with HMI 200 interface

Pallet quantity: 1



MPG DA

I [A]	Inlet type	Inlet	Outlet type	Discharge [inch]	P2 [HP]	Plug	Model	Part Number	Price
1 x 115									
8.0	NPT(M)	1 1/2	NPT(F)	1 1/2	1.00	Fuse	CMBE TWIN 1-44	99503861	7,300
8.0	NPT(M)	1 1/2	NPT(F)	1 1/2	1.00	Fuse	CMBE TWIN 3-51	99503873	8,186
1 x 200-240									
9.1	NPT(M)	2	NPT(F)	2	2.00	Fuse	CMBE TWIN 10-54	99503875	10,469

SCALA1 / SCALA1 Accessories

DOMESTIC & RESIDENTIAL BOOSTING ► FIXED SPEED BOOSTER

SCALA1: ALL-IN-ONE, SELF-PRIMING, FIXED SPEED PRESSURE BOOSTER WITH BLUETOOTH® CONNECTIVITY

The GRUNDFOS SCALA1 is a robust all-in-one, self-priming pump with built-in Bluetooth® connectivity, making it simple to install, trouble shoot and customise using the GRUNDFOS GO App. SCALA1 is self-priming allowing it to be connected to either above ground or below ground (up to 26 ft) water sources.

Liquid temperature: 32°F - 113°F (0°C - 45°C)

Ambient temperature: 32°F - 131°F (0°C - 55°C)

Supply voltage: 1 x 115 Volt 60Hz; 1 x 200-240 Volt 60 Hz

Enclosure class: Suitable for outdoor installation (IP X4D)

Noise pressure level: Low noise levels (55 dB(A) max.)

Pallet quantity: 21



MPG DA

P2 [HP]	Inlet type	Inlet [inch]	Outlet type	Discharge [inch]	Model	Part Number	Price
1 x 115							
0.80	NPT(M)	1	NPT(M)	1	SCALA1 3-45	99631742	949
1.10	NPT(M)	1	NPT(M)	1	SCALA1 5-55	99631754	1,132
1 x 230							
0.80	NPT(M)	1	NPT(M)	1	SCALA1 3-45	99631736	949
1.10	NPT(M)	1	NPT(M)	1	SCALA1 5-55	99631739	1,132

SCALA1 ACCESSORIES: SETS, KITS OR PARTS

MPG AD

Short description	Part Number	Price
SCALA Inlet Filter, 250 micron, NPT	99725185	96
SCALA1 TWIN Installation Set, NPT	99725168	819

JET PUMPS: SELF-PRIMING, FIXED SPEED PRESSURE BOOSTER

Grundfos JP is a self-priming, single stage centrifugal jet pump. JP is designed for domestic use and ensure a supply of clean, rainwater or potable water to households and gardens.

Ambient temperature: 32°F - 104°F (0°C - 40°C)

Liquid temperature: 32°F - 104°F (0°C - 40°C)

Suction lift: Max. 26 ft (8 m)

System pressure: Max. 87 psi (6 bar)

Supply voltage: 1 x 115V 60Hz/1 x 230 Volt 60 Hz

Enclosure class: Suitable for covered installation (IP44)

Pallet quantity: 12



MPG DA

Inlet type	Inlet	Outlet type	Discharge [inch]	Pump housing	P2 [HP]	With cable
1 x 115/230						
NPT(F)	1	NPT(F)	1	Stainless steel	0.30	•
NPT(F)	1	NPT(F)	1	Stainless steel	0.50	•
NPT(F)	1	NPT(F)	1	Stainless steel	0.75	•
NPT(F)	1	NPT(F)	1	Stainless steel	1.00	•
1 x 220-240						
NPT(F)	1 1/2	NPT(F)	1 1/4	Cast iron	3.00	
NPT(F)	1 1/4	NPT(F)	1	Cast iron	1.50	
NPT(F)	1 1/4	NPT(F)	1	Cast iron	2.00	

Model	Part Number	Price
JP PS 13 03 137	99463938	520
JP PS 16 05 154	99463939	612
JP PS 16 07 177	99463940	734
JP PS 16 10 187	99463941	857
JP30S-CI PS	97855095	1,286
JP15S-CI PS	97855091	1,010
JP20S-CI PS	97855094	1,102

SBA

DOMESTIC & RESIDENTIAL BOOSTING ► SUBMERGED PUMPS AND BOOSTERS

SBA: SUBMERSIBLE BOOSTER (CLEAN WATER)

The Grundfos SBA pump is a submersible booster pump designed for the pumping of clean water for domestic and rainwater applications. The SBA submersible pump is silent when submerged and therefore a noiseless alternative to surface mounted pumps. The SBA pump is constructed from high quality composite and stainless steel materials that are resistant to corrosion. The SBA is ideal for operation in a well or ground tanks. Furthermore, the pump features an integrated control unit which ensures the user a convenient experience with automatic start/stop operation and dry-running protection of the pump.

Liquid temperature: 32°F - 104°F (0°C - 40°C)

pH values: 4-9

Enclosure class: Suitable for in-tank installation (IP68)

Supply voltage: 1 x 110 - 120 Volt 60Hz

Cable length: 49 ft (15 m) with plug

Maximum installation depth: 33 ft (10 m)

Models:

A: with float switch for automatic operation and dry running protection

W: with side inlet and flexible suction hose of 1 m with floating suction strainer of 1 mm mesh, for rain water tank

tank

Pallet quantity: 15



MPG DA

Outlet type	Discharge [inch]	P2 [HP]	With float switch	Float strainer	Model	Part Number	Price
NPT(M)	1	1.00	•		SBA 3-45 A	92713157	1,013
NPT(M)	1	1.00	•	•	SBA 3-45 AW	92713162	1,231

DRAINAGE

UNILIFT KP | AP



UNILIFT KP / UNILIFT AP12

DRAINAGE AND EFFLUENT ► DRAINAGE 3/8 OR 1/2 INCH FREE PASSAGE

UNILIFT KP: STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMP

UNILIFT KP is a submersible pump designed for pumping clean, non-aggressive water and slightly dirty (grey) wastewater such as domestic effluents from septic and sludge treating systems. They can be used in permanent installations or as a portable pump.

Liquid temperature: 32°F to 122°F (0°C to +50°C), 158°F (70°C) for maximum 2 min, with at least 30 min intervals

Impeller type: Semi-open

Max. particle size: 0.4"

Supply voltage: 1 x 115 Volt 60Hz

Enclosure class: Suitable for submerged installation (IP68)

Scope of delivery: 25 ft cable with NEMA plug

Pallet quantity: 60



MPG DC

Inlet type	Inlet	P2 [HP]	I [A]	Cable Length [ft]	Model	Part Number	Price
1 x 115							
NPT(F)	1 1/4	0.20	2.9	25.0	UNILIFT KP.150.M.1	011DC201	600
NPT(F)	1 1/4	0.34	4.9	25.0	UNILIFT KP.250.M.1	012DC201	700
NPT(F)	1 1/4	0.47	7.5	25.0	UNILIFT KP.350.M.1	013DC201	800

UNILIFT AP12: STAINLESS STEEL EFFLUENT PUMP

Unilift AP12 is a submersible pump designed for pumping clean, non-aggressive water and slightly dirty (grey) wastewater. They can be used in permanent installations or as a portable pump.

Liquid temperature: 32°F to 131°F (0°C to +55°C)

Impeller type: Semi-open

Max. particle size: 0.4"

Supply voltage: 1 x 230 Volt or 1 x 115 Volt 60 Hz

Enclosure class: Suitable for submerged installation (IP68)

Scope of delivery: 25 ft cable with NEMA plug (US)

Pallet quantity: 24



MPG DC

Inlet type	Inlet	P2 [HP]	I [A]	Cable Length [ft]	Model	Part Number	Price
1 x 115							
NPT(F)	1 1/2	0.54	8.0	25.0	UNILIFT AP12.40.04.1	96011036	1,000
NPT(F)	1 1/2	0.54	8.0	25.0	UNILIFT AP12.40.04.A1	96847166	1,100
1 x 220-230							
NPT(F)	2	1.74	9.0	25.0	UNILIFT AP12.50.11.A1	96847172	1,875
NPT(F)	1 1/2	1.07	5.8	25.0	UNILIFT AP12.40.08.A1	96847171	1,575

UNILIFT AP35 & AP50 / UNILIFT AP35B and AP50B

DRAINAGE AND EFFLUENT ► EFFLUENT 1,4 OR 2 INCH FREE PASSAGE

UNILIFT AP35 & AP50: STAINLESS STEEL EFFLUENT PUMP

Unilift AP 35 & 50 are submersible pumps designed for pumping dirty water, untreated wastewater and liquids containing fibres from light industry, laundries, etc. They can be used in permanent installations or as a portable pump.

Liquid temperature: 32°F to 131°F (0°C to +55°C)

Impeller type: Vortex

Max. particle size: 1.4" for AP35 and 2.0" for AP50

Supply voltage: 1 x 230 V 60Hz

Enclosure class: Suitable for submerged installation (IP68)

Scope of delivery: 25 ft cable w/o plug (US)

Versions: A1 with float switch

UNILIFT AP35 pallet quantity: 24

UNILIFT AP50 pallet quantity: 20



2

MPG DC

Inlet type	Inlet	P2 [HP]	I [A]	Cable Length [ft]	Model	Part Number	Price
1 x 220-230							
NPT(F)	2	1.61	8.4	25.0	UNILIFT AP50.50.11.A1V	96847183	2,150
NPT(F)	1 1/2	1.21	6.0	25.0	UNILIFT AP35.40.08.A1V	96847179	1,600

UNILIFT AP35B AND AP50B: STAINLESS STEEL EFFLUENT PUMP

Unilift AP 35B & 50B pumps are single stage pumps with a vortex impeller. Constructed of stainless steel with a composite base plate. The pumps are designed for pumping dirty water.

Depending on local regulations the AP50B is used for blackwater (incl. toilet) discharge.

Liquid temperature: 32°F to 104°F (0°C to +40°C)

Impeller type: Vortex

Max. particle size: 1.4" for AP35 and 2.0" for AP50

Supply voltage: 1 x 230 V 60Hz

Enclosure class: Suitable for submerged installation (IP68)

Scope of delivery: 25 ft cable w/o plug (US)

Versions: A1 with float switch

Pallet quantity: 30



MPG DC

Inlet type	Inlet	P2 [HP]	I [A]	Cable Length [ft]	Model	Part Number	Price
1 x 220-230							
NPT(F)	2	1.37	6.7	25.0	UNILIFT AP35B.50.08.A1V	96846962	1,300
NPT(F)	2	1.61	8.4	25.0	UNILIFT AP50B.50.11.A1V	96846971	1,650

HOT WATER RECIRCULATION

COMFORT PM | COMFORT SYSTEM | COMFORT | UP(S) | BRONZE & STAINLESS



COMFORT AUTOADAPT / COMFORT TIMER / COMFORT

SMALL CIRCULATORS ► DOMESTIC HOT WATER RECIRCULATION

COMFORT AUTOADAPT: HIGH EFFICIENCY CIRCULATOR FOR DOMESTIC HOT WATER RECIRCULATION

High efficiency and low energy consumption domestic hot water circulator with brass pump housing. Integrated shut off and non return valve in the pump housing. Typical applications are tank and tankless water heaters systems with hot water return line, available in different sizes to match desired head and flow requirements. Adapts to consumer needs.

Liquid temperature: 36°F to +176°F

Maximum system pressure: 145 psi

Pump body: Brass

Supply voltage: 115/208-230 Volt ± 10 % 60 Hz

Enclosure class: Suitable for undercover installation (IP44)

Electrical connection: Cable 6 foot with plug

Version: A = AUTOADAPT, DT = Timer, T = Temperature

Pallet quantity: 260



MPG DF

Inlet type	Port2port [inch]	Pump housing	Liquid temp max	Nominal flow gpm	Model	Part Number	Price
Union	4.33	Brass	176	1.45	COMFORT 10-16 A PM BU/LC	98420224	470

COMFORT TIMER: HIGH EFFICIENCY CIRCULATOR FOR DOMESTIC HOT WATER RECIRCULATION

High efficiency and low energy consumption domestic hot water circulator with brass pump housing. Integrated shut off and non return valve in the pump housing. Typical applications are tank and tankless water heaters systems with hot water return line, available in different sizes to match desired head and flow requirements.

Liquid temperature: 36°F to +176°F

Maximum system pressure: 145 psi

Pump body: Brass

Supply voltage: 115/208-230 Volt ± 10 % 60 Hz

Enclosure class: Suitable for undercover installation (IP44)

Electrical connection: Cable 6 foot with plug

Version: A = AUTOADAPT, DT = Timer, T = Temperature

Pallet quantity: 260



MPG DF

Inlet type	Port2port [inch]	Pump housing	Liquid temp max	Nominal flow gpm	Model	Part Number	Price
Union	4	Brass	176	1.45	COMFORT 10-16 DT PM BU/LC	99812354	390

COMFORT TEMPERATURE: HIGH EFFICIENCY CIRCULATOR FOR DOMESTIC HOT WATER RECIRCULATION

High efficiency and low energy consumption domestic hot water circulator with brass pump housing. Integrated shut off and non return valve in the pump housing. Typical applications are tank and tankless water heaters systems with hot water return line, available in different sizes to match desired head and flow requirements.

Liquid temperature: 36°F to +176°F

Maximum system pressure: 145 psi

Pump body: Brass

Supply voltage: 115/208-230 Volt ± 10 % 60 Hz

Enclosure class: Suitable for undercover installation (IP44)

Electrical connection: Cable 6 foot with plug

Version: A = AUTOADAPT, DT = Timer, T = Temperature

Pallet quantity: 260



MPG DF

Inlet type	Port2port [inch]	Pump housing	Liquid temp max	Nominal flow gpm	Model	Part Number	Price
NPSM	3	Brass	176	1.45	COMFORT 10-16 T PM BU/LC	99412493	390

COMFORT SYSTEM / ALPHA2 26-99 / UPS STAINLESS

SMALL CIRCULATORS ► DOMESTIC HOT WATER RECIRCULATION

COMFORT SYSTEM: CIRCULATOR FOR DOMESTIC HOT WATER RECIRCULATION WITHOUT RETURN LINE

Simple and reliable domestic hot water circulator with stainless steel pump housing, specially designed for drinking water with included bypass valve. Specifically designed for systems without hot water return line. Typical applications are tank and tankless water heaters systems without hot water return line.

Liquid temperature: +36°F to 150°F
System pressure: Maximum 145 psi
Supply voltage: 115 Volt ± 10 % 60Hz
Pumps body: Stainless steel
Pallet quantity: 120



MPG DF

Inlet type	Inlet	Port2port [inch]	Pump housing	Nominal flow gpm
Union	3/4	5.12	Stainless steel	3.17

Model	Part Number	Price
UP15-10SU7P/TLC	595916	416

ALPHA2 26-99: SPEED REGULATED CIRCULATOR PUMPS

ALPHA2 26-99 is a high-efficiency ECM variable speed circulator designed for various heating and cooling applications. The pump features AUTOADAPT, Constant Pressure and Proportional Pressure control modes.

Liquid temperature: +14°F => +230°F
System pressure: maximum 150 psi
Supply voltage: 1 x 115 V ± 10 %, 60 Hz
Enclosure class: IP42
Insulation class: F
Pump Body: Cast Iron
Pallet quantity: 80



MPG DD

Inlet type	Inlet	Port2port [inch]	Model	Part Number	Price
Flange	15/26	7	ALPHA2 26-99 SU	99490917	820

UPS STAINLESS STEEL: 3 SPEED CIRCULATOR FOR DOMESTIC HOT WATER RECIRCULATION

Simple and reliable domestic hot water circulator with stainless steel pump housing, specially designed for drinking water. 3 speed switch allows adjusting performance to the system. Typical applications are tank and tankless water heaters systems with hot water return line, available in different sizes to match desired head and flow requirements.

Liquid temperature: +36°F to 230°F
System pressure: Maximum 145 psi
Supply voltage: 115 Volt ± 10 % 60 Hz
Pumps body: Stainless steel



MPG DF

Inlet type	Inlet	Pump housing	Liquid temp min	Liquid temp max	Port2port [inch]	Model	Part Number	Price
1 x 115V								
Flange	15/26	Stainless steel	36	230	6.5	UPS15-55SFC	59896773	590
Flange	15/26	Stainless steel	36	230	6.5	UPS26-99SFC	98961763	973
Flange	15/26	Stainless steel	36	230	6.5	UPS26-150SF	95906632	1,157
Flange	40/43	Stainless steel	36	230	8.5	UPS43-100SF	95906638	918

UPS STAINLESS STEEL / UP STAINLESS STEEL / UPS Bronze

SMALL CIRCULATORS ► DOMESTIC HOT WATER RECIRCULATION

Continuation

Inlet type	Inlet	Pump housing	Liquid temp min	Liquid temp max	Port2port [inch]	Model	Part Number	Price
NPSM	125	Stainless steel	36	150	5.9	UPS15-55SUC/TLC	99452479	980
NPSM	125	Stainless steel	36	230	5.9	UPS15-55SUC	59896781	590
Flange	50	Stainless steel	36	230	8.5	UPS50-60SF	97523136	1,958
1 x 230V								
Flange	15/26	Stainless steel	36	230	6.5	UPS26-99SFC	98961765	1,034
1 x 208-230V								
Flange	15/26	Stainless steel	36	230	6.5	UPS26-150SF	95906633	1,230
Flange	40/43	Stainless steel	36	230	8.5	UPS43-100SF	95906639	973
Flange	50	Stainless steel	36	230	8.5	UPS50-60SF	97523137	1,958

UP STAINLESS STEEL: STAINLESS STEEL CIRCULATOR FOR DOMESTIC HOT WATER RECIRCULATION

Simple and reliable domestic hot water circulator with stainless steel or bronze pump housing, specially designed for drinking water. Typical applications are tank and tankless water heaters systems with hot water return line, available in different sizes to match desired head and flow requirements.

Liquid temperature: +36°F to 230°F

System pressure: Maximum 145 psi

Supply voltage: 115 Volt ± 10 % 60 Hz

Pumps body: Stainless steel



MPG DF

Inlet type	Inlet	Pump housing	Liquid temp min	Liquid temp max	Port2port [inch]	Model	Part Number	Price
1 x 115V								
Flange	15/26	Stainless steel	36	230	6.5	UP15-29SF	59896771	442
NPSM	125	Stainless steel	36	150	5.9	UP15-29SUC/TLC	99452462	504
NPSM	125	Stainless steel	36	230	5.9	UP15-29SU	59896775	402
1 x 230V								
NPSM	125	Stainless steel	36	230	5.9	UP15-55SUC	59896786	750

UPS BRONZE: FIXED SPEED BRONZE CIRCULATOR

Simple and reliable domestic hot water circulator with bronze pump housing, suitable for drinking water. Typical applications are tank or tankless water heater systems with hot water return line.

Liquid temperature: +36°F to 230°F

System pressure: Maximum 145 psi

Supply voltage: 115 Volt ± 10 % 60 Hz

Pumps body: Bronze



MPG DF

Inlet type	Inlet	Pump housing	Port-to-port length	I [A]	Liquid temp min	Liquid temp max	Model	Part Number	Price
1 x 115V									
Flange	40/43	Bronze	216.00	1.80	36	230	UPS43-44BFC	52722520	1,047
1 x 115-230V									
Flange	53	Bronze	0.00		14	230	UP 53-45 FB	96633578	5,292

UP BRONZE: FIXED SPEED BRONZE CIRCULATOR

Simple and reliable domestic hot water circulator with bronze pump housing, suitable for drinking water. Typical applications are tank or tankless water heater systems with hot water return line.

Liquid temperature: +2°C to 110°C

System pressure: Maximum 10 bar

Supply voltage: 1 x 115/230 Volt 60 Hz

Pump body: Bronze



3

							MPG DF			
Inlet type	Inlet	Pump housing	Port2port [inch]	I [A]	Liquid temp min	Liquid temp max	Model	Part Number	Price	
1 x 115V										
Flange	40/43	Bronze	8.50	2.15	36	230	UP43-75BF	52722370	998	
		Bronze	5.00	0.22	36	151	UP15-10B5/TLC	99452454	416	
		Bronze	5.00	0.22	36	230	UP15-10B5	59896213	383	
		Bronze	5.00	0.74	36	151	UP15-18B5/TLC	99452460	496	
		Bronze	5.00	0.74	36	230	UP15-18B5	59896114	410	
		Bronze	5.31	0.22	36	151	UP15-10BUC5/TLC	99452457	477	
		Bronze	5.31	0.74	36	230	UP15-18BUC5	59896123	447	
	Sweat	-	Bronze	6.42	0.22	36	151	UP15-10B7/TLC	99452455	490
			Bronze	6.42	0.22	36	230	UP15-10B7	59896226	428
			Bronze	6.42	0.74	36	151	UP15-18B7/TLC	99452461	526
			Bronze	6.42	0.74	36	230	UP15-18B7	59896121	453
			Bronze	6.69	0.22	36	151	UP15-10BUC7/TLC	99452458	551
			Bronze	6.69	0.74	36	230	UP15-18BUC7	59896124	465
									UP15-18B5	59896118
1 x 230V										
Sweat	-	Bronze	5.00	0.40	36	230	UP15-18B5	59896118	422	
		Bronze	6.42	0.40	36	230	UP15-18B7	59896119	457	

UP/MAGNA ACCESSORIES: HEATING ACCESSORIES

MPG AD

CABLES, PLUGS, ALPHA2 READER

Short description	Part Number	Price
AQUASTAT KIT 1/2" CLIP 85-105F	595443	57
AQUASTAT KIT 3/4" CLIP 85-105F	595444	62
AQUASTAT KIT 1/2"CLIP 105-115F	595656	57
AQUASTAT KIT 3/4"CLIP 105-115F	595657	62
Check Valve Assy. 1/2"-UP15 OV25	596630	23
FLANGE SET BRONZE 1-1/2"	539615	88
Flange Kit GF50 x 2" FNPT BZ	96409355	521
Flange Kit GF53 x 2" FNPT BZ	91584913	502
Flange Kit GF53 x 3" FNPT BZ	91584915	734
Flange Kit GF15/26 x 1" FNPT BZ	519652	80
Flange Kit GF15/26 x 3/4" FNPT BZ	519651	67
Flange Kit GF15/26 x 1-1/4" FNPT BZ	96409356	110
Gasket G150 Union Bulk (20)	99882659	93
Gasket GU125 Union Bulk (20)	99886877	92
High Flow Comfort Valve with Hoses, 4 pack	92654474	787
Kit, Flange UP53 2.5" BRZ GF53	91584914	630

SMALL CIRCULATORS ► DOMESTIC HOT WATER RECIRCULATION

Short description	Part Number	Price
Kit, Hoses SS 1/2"xFIP x3/8"	599390	18
Repeater cpl. HWR-D	99410217	159
Spare, Push Button HWR-D	99586126	167
Spare, Temp. Sensor HWR-D	99586127	230
TIMER ASSY KIT # 2 UP15 PC0528& AFTER	599388	104
Union Kit G150 x 1" Sweat Brass	599229	65
Union Kit G150 x 1" FNPT Iso Vlv DiE	99956229	149
Union Kit G150 x 3/4" Sweat Brass	599228	66
Union Kit G150 x 3/4" FNPT Iso Vlv DiE	99956228	98
Union Kit GU125 x 1/2" FNPT Iso Vlv	519850	51
Union Kit GU125 x 1/2" Sweat Brass	529913	55
Union Kit GU125 x 3/4" Comp Iso Vlv	519851	57
Union Kit GU125 x 3/4" FNPT Iso Vlv	519852	48
Union Kit GU125 x 3/4" Sweat Brass	529911	54
Union Kit GU125 x 3/4" FNPT BZ	529912	56
XL Comfort valves, 15 pcs.	595926	102

HEATING

UPSe | ALPHA | ALPHA2 | ALPHA1 | UP(S)



BE READY FOR WHATEVER COMES NEXT



THE NEW UPSe

UPSe 15-58 F | #92603106
UPSe 15-58 FR | #92603107

THE FULLY DIGITAL ALPHA

ALPHA 15-58 F | #92603115
ALPHA 15-58 FR | #92603108

DIGITAL
NEXT

ARE YOU READY FOR THE NEXT STEP IN CIRCULATOR PUMPS?

We're unleashing powerful digital features and rich benefits in our cutting-edge circulators – starting now with the new Grundfos UPSe and the next-generation ALPHA, launching in 2023. Take advantage of groundbreaking digital features, including dry-run protection, touch-screen interface, and air detection and self-ventilation. Delivering the highest Energy Rating (ER) in the market, these revolutionary circulators make every installation more efficient, saving you and your customers time and money.

Be ready for whatever comes next. Be ready for Digital NEXT.

Find out more at
grundfos.us/digitalnext

GRUNDFOS 

Possibility in every drop

ALPHA: SPEED REGULATED CIRCULATOR PUMPS

ALPHA is a high-efficiency circulator pump designed for heating systems. The pump has three different AUTOADAPT control modes which continuously adapt to the system demands, providing the ultimate comfort while reducing energy consumption. When connected to the Grundfos GO Remote App, it's possible to troubleshoot your system, run guided commissioning, set control modes as well as run firmware updates.

Liquid temperature: +36°F => +230°F
System pressure: maximum 175 psi
Supply voltage: 1 x 115 V ± 10 %, 60 Hz
Enclosure class: Type 2
Insulation class: F
Pump Body: Cast Iron
Pallet quantity: 120



MPG DD

Inlet type	Inlet	Port2port [inch]
Flange	15/26	6.5
Flange	15/26	6.5

Model	Part Number	Price
ALPHA 15-58 FR	92603108	353
ALPHA 15-58 F	92603115	353

UPSe: SPEED REGULATED CIRCULATOR PUMPS

UPSe is a high-efficiency circulator pump designed for heating systems. The pump has three control modes making it suitable for any heating application.

Liquid temperature: +36°F => +230°F
System pressure: maximum 175 psi
Supply voltage: 1 x 115 V ± 10 %, 60 Hz
Enclosure class: Type 2
Insulation class: F
Pump Body: Cast Iron
Pallet quantity: 120



MPG DD

Inlet type	Inlet	Port2port [inch]
Flange	15/26	6.5
Flange	15/26	6.5

Model	Part Number	Price
UPSe 15-58 F	92603106	272
UPSe 15-58 FR	92603107	272

ALPHA2 26-99: SPEED REGULATED CIRCULATOR PUMPS

ALPHA2 26-99 is a high-efficiency ECM variable speed circulator designed for various heating and cooling applications. The pump features AUTOADAPT, Constant Pressure and Proportional Pressure control modes.

Liquid temperature: +14°F => +230°F
System pressure: maximum 150 psi
Supply voltage: 1 x 115 V ± 10 %, 60 Hz
Enclosure class: IP42
Insulation class: F
Pump Body: Cast Iron
Pallet quantity: 80



MPG DD

Inlet type	Inlet	Port2port [inch]
Flange	15/26	6.5

Model	Part Number	Price
ALPHA2 26-99 F	99490916	784

ALPHA1 26-99 / UPS / UP/MAGNA ACCESSORIES

SMALL CIRCULATORS ► HEATING

ALPHA1 26-99: SPEED REGULATED CIRCULATOR PUMPS

ALPHA1 26-99 is a high-efficiency ECM variable speed circulator designed for various heating and cooling applications. The pump features a 0-10 V analog input for speed control.

Liquid temperature: +14°F => +230°F
System pressure: maximum 150 psi
Supply voltage: 1 x 115 V ± 10 %, 60 Hz
Enclosure class: IP42
Insulation class: F
Pump Body: Cast Iron
Pallet quantity: 80



MPG DD

Inlet type	Inlet	Port2port [inch]	Model	Part Number	Price
GF	15/26	6.5	ALPHA1 26-99 F	99490914	702

UPS: 3 SPEED CIRCULATOR FOR DOMESTIC HEATING

Simple and reliable heating circulator with cast iron pump housing. Three speed switch allows adjusting performance to the system. Typical applications radiator and underfloor heating in domestic homes, available in different size to match desired head and flow requirements.

Liquid temperature: +36°F to 150°F
System pressure: Maximum 145 psi
Supply voltage: 115 Volt ± 10 % 60Hz
Pumps body: Cast iron



MPG DE

Inlet type	Inlet	Pump housing	Port2port [inch]	Model	Part Number	Price
1 x 115V						
Flange	15/26	Cast iron	6.5	UPS26-99FC	52722512	538
Flange	15/26	Cast iron	6.5	UPS26-150F	95906630	912
Flange	15/26	Cast iron	6.5	UPS15-58FC	59896341	196
Flange	40/43	Cast iron	8.5	UPS43-44FC	52722514	720
Flange	40/43	Cast iron	8.5	UPS43-100F	95906636	594
Flange	50	Cast iron	8.5	UPS50-44F	52722557	680
Flange	15/26	Cast iron	6.5	UPS15-58FRC	59896343	196
Flange	50	Cast iron	8.5	UPS50-60F	97523134	1,170
1 x 230V						
Flange	15/26	Cast iron	6.5	UPS26-99FC	52722513	590
Flange	15/26	Cast iron	6.5	UPS15-42F	59896180	226
1 x 208-230V						
Flange	15/26	Cast iron	6.5	UPS26-150F	95906631	961
Flange	40/43	Cast iron	8.5	UPS43-100F	95906637	643

UP/MAGNA ACCESSORIES: HEATING ACCESSORIES

MPG AD

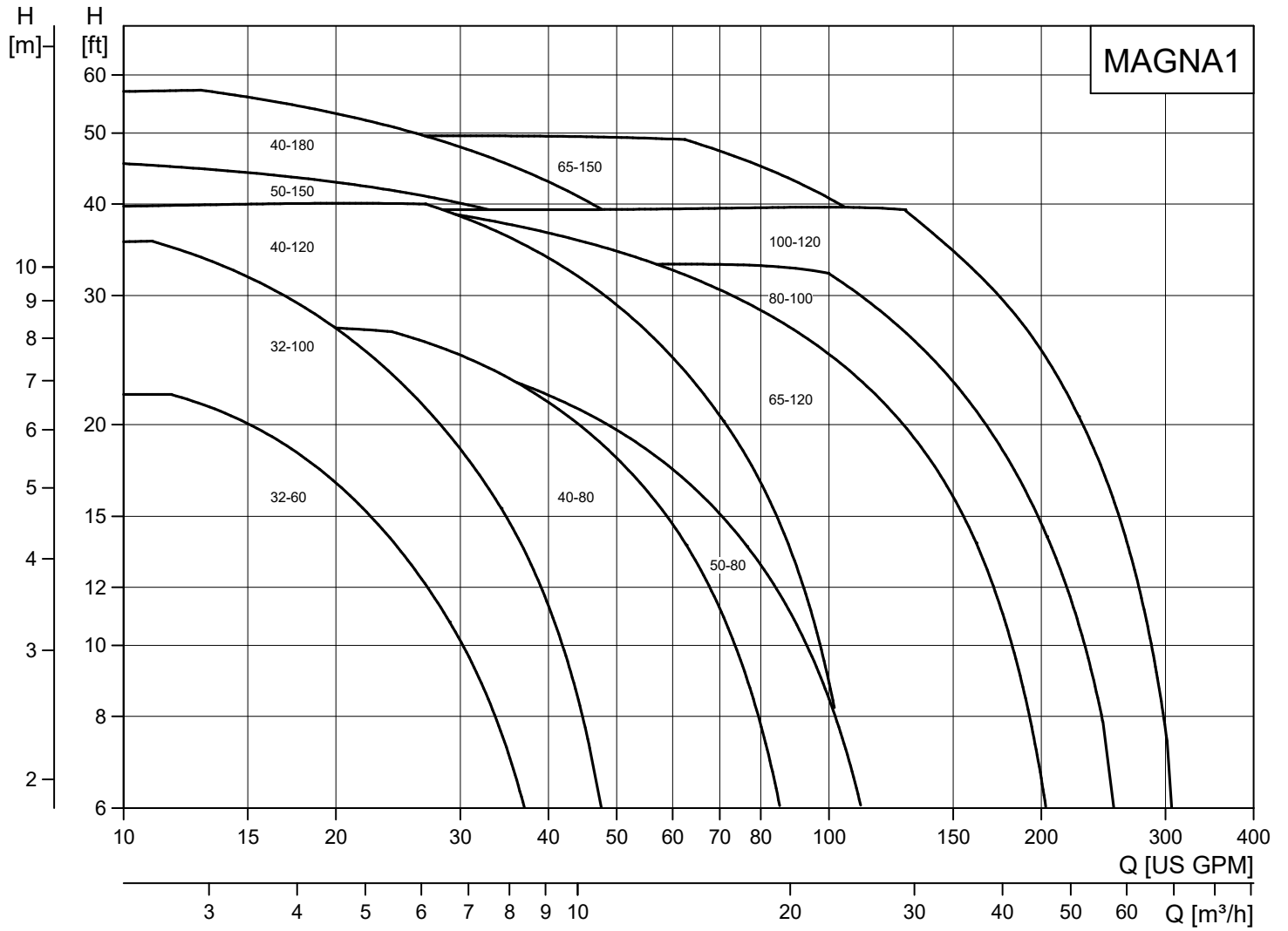
CABLES, PLUGS, ALPHA2 READER

Short description	Part Number	Price
Flange Gasket GF15/26	98721416	42
Flange Kit GF100 x 4" FNPT CI	579801	349
Flange Kit GF15/26 x 1" FNPT CI	519602	20
Flange Kit GF15/26 x 1" FNPT Vlv DiE	96806131	129
Flange Kit GF15/26 x 1" Sweat Vlv DiE	96806136	112
Flange Kit GF15/26 x 1/2" FNPT Vlv DiE	96806129	71
Flange Kit GF15/26 x 1/2" Sweat Vlv DiE	96806134	67

Short description	Part Number	Price
Flange Kit GF15/26 x 3/4" FNPT CI	519601	22
Flange Kit GF15/26 x 3/4" FNPT Vlv DiE	96806130	86
Flange Kit GF15/26 x 3/4" Sweat Vlv DiE	96806135	86
Flange Kit GF15/26 x 1-1/2" FNPT CI	519604	20
Flange Kit GF15/26 x 1-1/2" FNPT Vlv DiE	96806133	133
Flange Kit GF15/26 x 1-1/2" Sweat Vlv DiE	96806138	122
Flange Kit GF15/26 x 1-1/4" FNPT CI	519603	20
Flange Kit GF15/26 x 1-1/4" FNPT Vlv DiE	96806132	145
Flange Kit GF15/26 x 1-1/4" Sweat Vlv DiE	96806137	141
Gasket 1/2"-1"ISO Valve,service Bulk (20)	99882656	157
Gasket D153/D63.5x1.6 Garlock (2)	99886670	17
Gasket F/ CI/BRZ Flange UP , LAUP (2)	99880042	15
Gasket F/SST-SF Flange 3.2 MM Bulk(20)	99886867	99
Gasket UP/UPS/TP Flange Donut Bulk (20)	99879368	145
Gasket UP43-75 Flange Donut (2)	99880243	15
KIT OF GASKETS AND BOLTS	519660	18
MI301 - Bluetooth Grundfos GO remote for use with smartphone or tablets	98046408	666
Service Kit UP-ZV Actuator w/ End Switch	97627423	302
Service Kit UP-ZV Actuator w/o EndSwitch	97627424	281
UP-ZV 1" SWT w/ End Switch QTY 1	97627421	226
UP-ZV 1" SWT w/o End Switch QTY 1	97627422	223
UP-ZV 1/2" SWT w/ End Switch QTY 1	97627415	177
UP-ZV 1/2" SWT w/o End Switch QTY 1	97627416	175
UP-ZV 3/4" NPT w/ End Switch QTY 1	97627417	196
UP-ZV 3/4" NPT w/o End Switch QTY 1	97627418	196
UP-ZV 3/4" SWT w/ End Switch QTY 1	97627419	184
UP-ZV 3/4" SWT w/o End Switch QTY 1	97627420	184
UPZC Pump Fuse 5A, 5-Pack	98996486	22
UPZC Transformer 24VAC-40VA	98996485	120
UPZC Transformer Fuse,Pump Brd 250mA	98996487	22
UPZC Transformer Fuse,Valv Brd 500mA	98996488	22

CIRCULATORS AND SOLUTIONS FOR HEATING AND COOLING





MAGNA1: CAST IRON SINGLE HEAD VARIABLE SPEED CIRCULATORS

The MAGNA1 is a high-efficiency, high-performance circulator designed for pumping liquids in commercial heating and cooling applications where simple control and communication is desired. The MAGNA1 is built with 65+ years of hydronic experience and is an ideal retrofit solution for fixed-speed pumps.

Applications:

- Heating and cooling
- Chilled water

Flow, Q: max. 313 gpm (71 m³/h)

Head, H: max. 59 ft (18 m)

Ambient temperature: +32 °F to +104 °F (0 °C to +40 °C)

Liquid temperature: +14 °F to +230 °F (-10 °C to +110 °C)

Maximum operating pressure: 175 psi (12 bar)

Pump Housing: Cast Iron

Enclosure class: X4D

Supply voltage: 1 x 115V; 1 x 208-230V

Control modes : 3 constant pressure curves, 3 proportional pressure curves, 3 fixed speeds,

Required Flange for Pump Models:

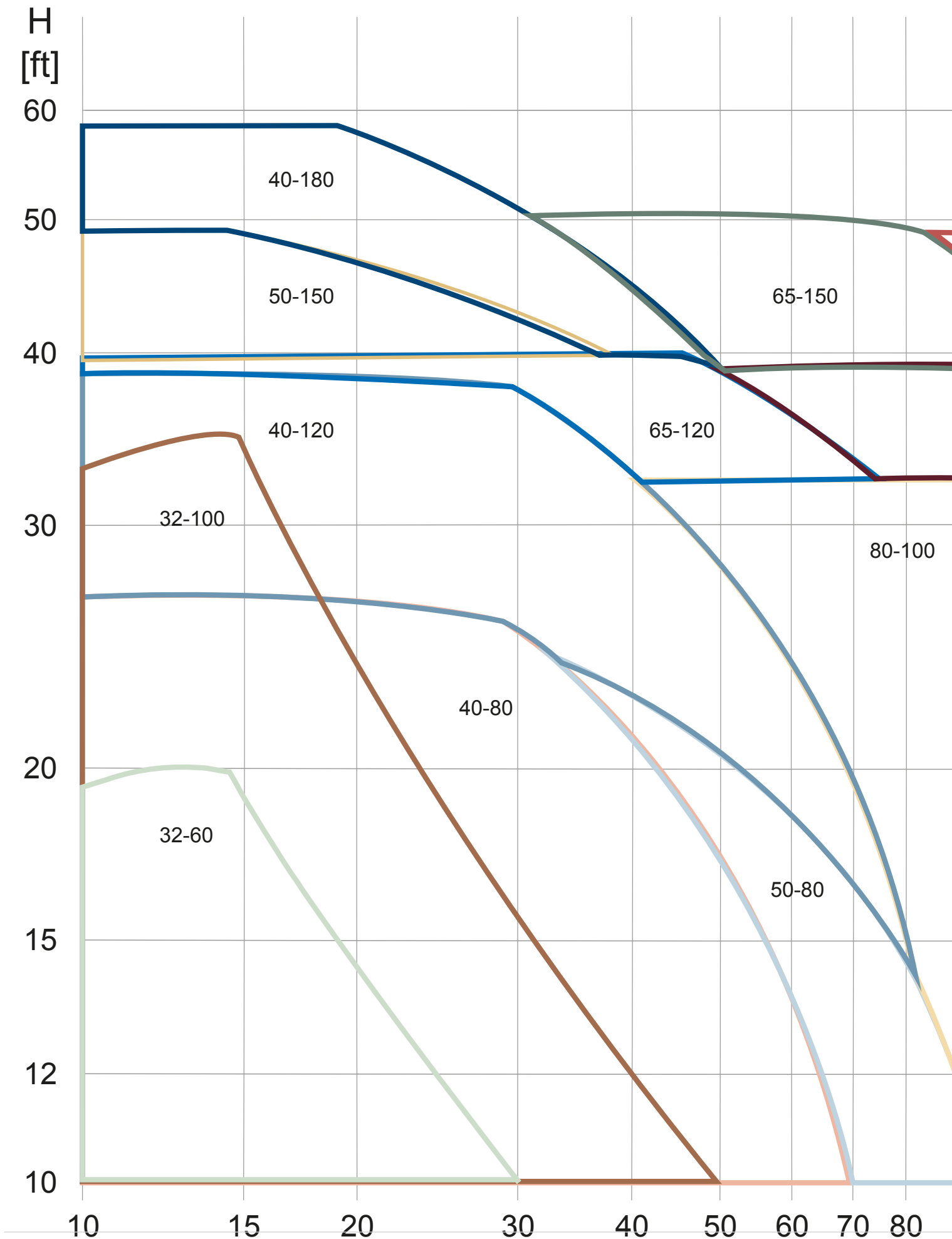
- **32-XX:** GF 15/26
- **40-XX:** GF15/26, GF40/43
- **50-XX:** GF50, GF53 (excluding 3")
- **65-XX:** GF53 & GF65
- **80-XX:** GF80
- **100-XX:** GF100

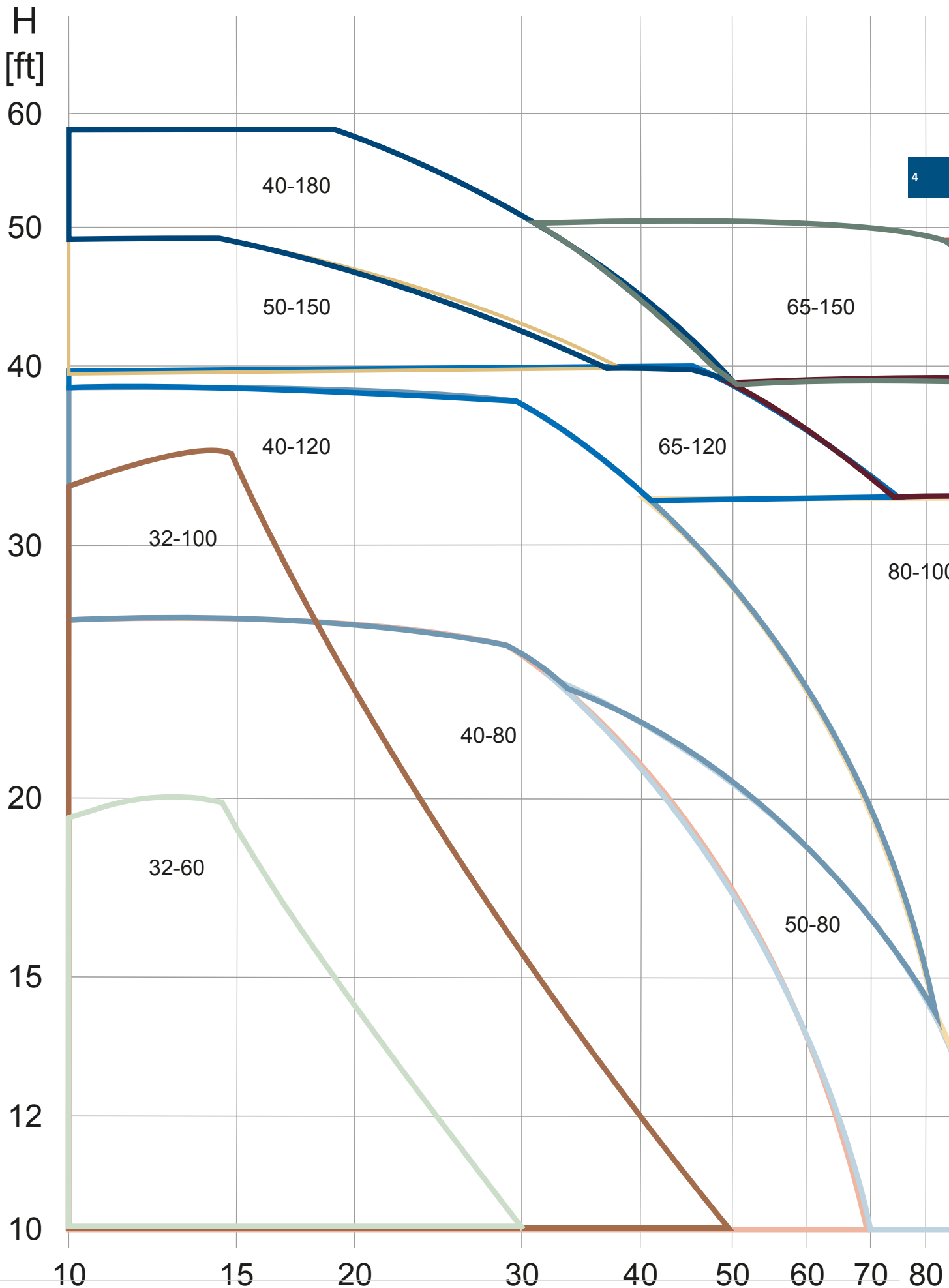


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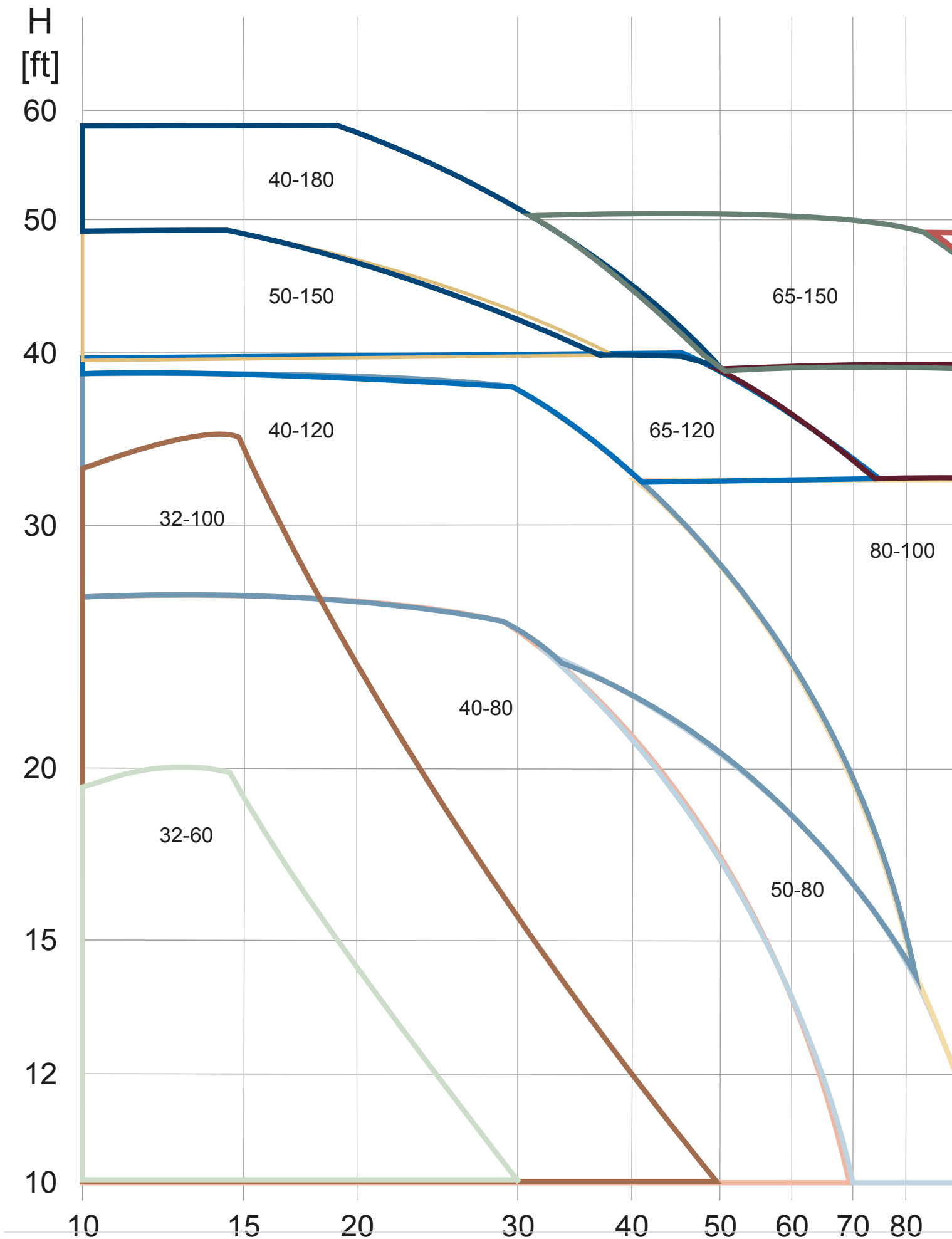
MPG BA

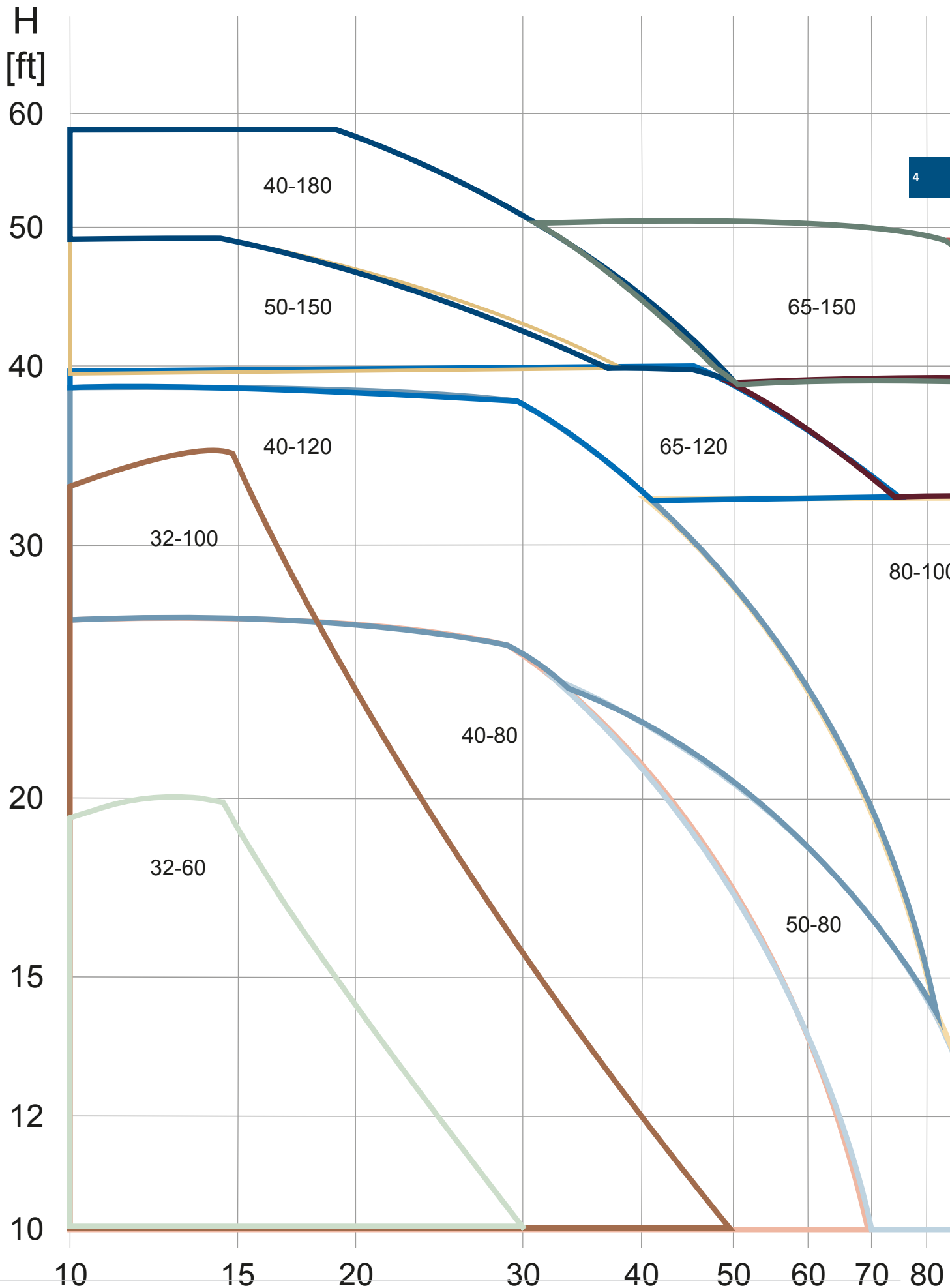
Inlet size [mm]	Port2port [inch]	Voltage	Shipping weight [lb]	Model	Part Number	Price
32	6	1 x 115-230	11	MAGNA1 32-60 GF	98126819	1,664
	6	1 x 115-230	12	MAGNA1 32-100 GF	98126823	2,108
40	8	1 x 115	30	MAGNA1 40-120 GF	98126803	3,797
	8	1 x 115	30	MAGNA1 40-180 GF	98126807	5,371
	8	1 x 115	31	MAGNA1 40-80 GF	98126799	3,305
	8	1 x 208-230	30	MAGNA1 40-80 GF	98126827	3,305
	8	1 x 208-230	30	MAGNA1 40-120 GF	98126831	3,797
	8	1 x 208-230	30	MAGNA1 40-180 GF	98126835	5,371
50	9	1 x 115	39	MAGNA1 50-80 GF	98126811	4,389
	9	1 x 208-230	38	MAGNA1 50-80 GF	98126839	4,389
	11	1 x 115	43	MAGNA1 50-150 GF	98126815	5,518
	11	1 x 208-230	42	MAGNA1 50-150 GF	98126843	5,518
65	13	1 x 115	48	MAGNA1 65-120 GF	98124695	5,969
	13	1 x 208-230	47	MAGNA1 65-120 GF	98126847	5,969
	13	1 x 208-230	54	MAGNA1 65-150 GF	98126851	6,904
80	14	1 x 208-230	66	MAGNA1 80-100 GF	98126855	6,994
100	17	1 x 208-230	75	MAGNA1 100-120 GF	98126859	7,827



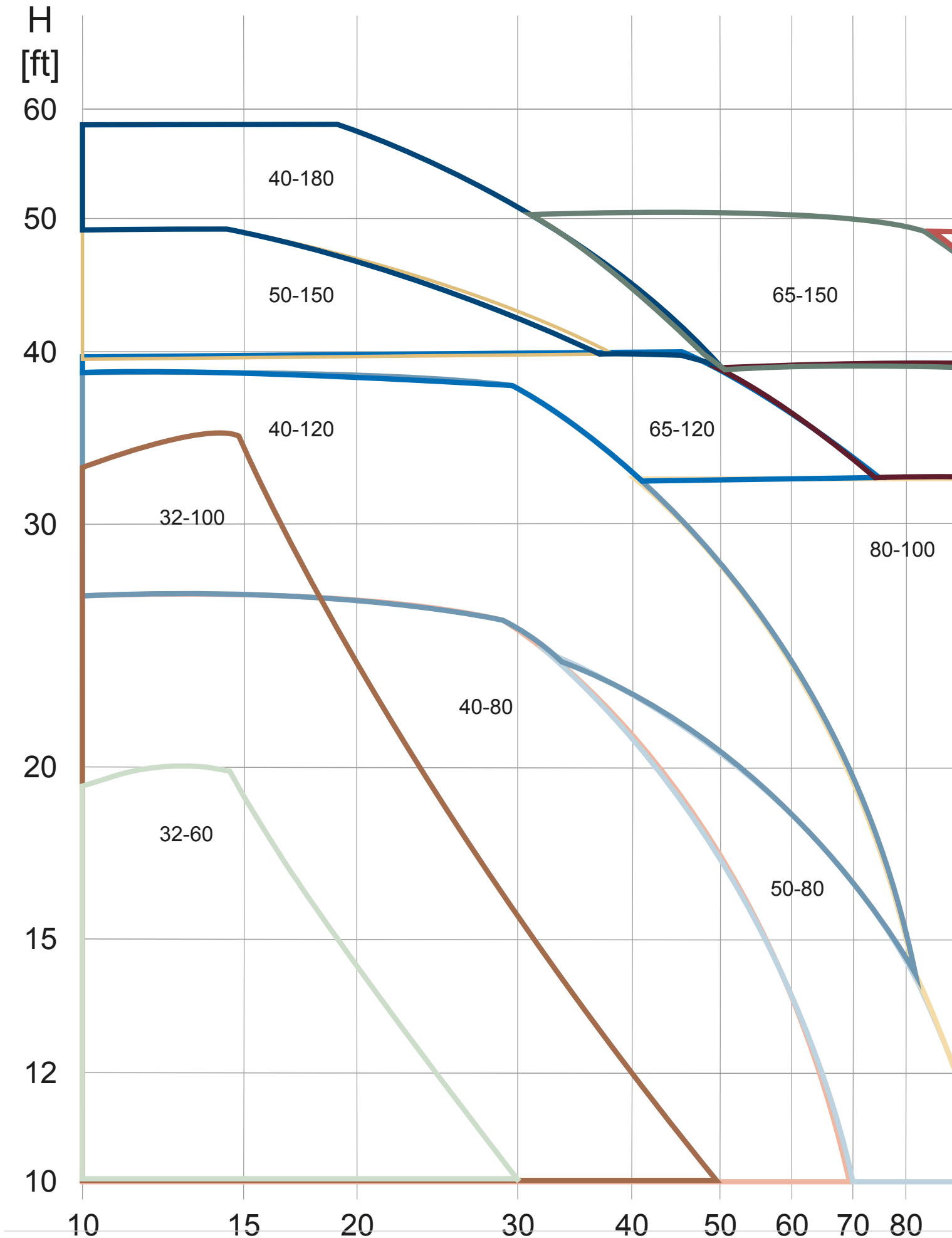


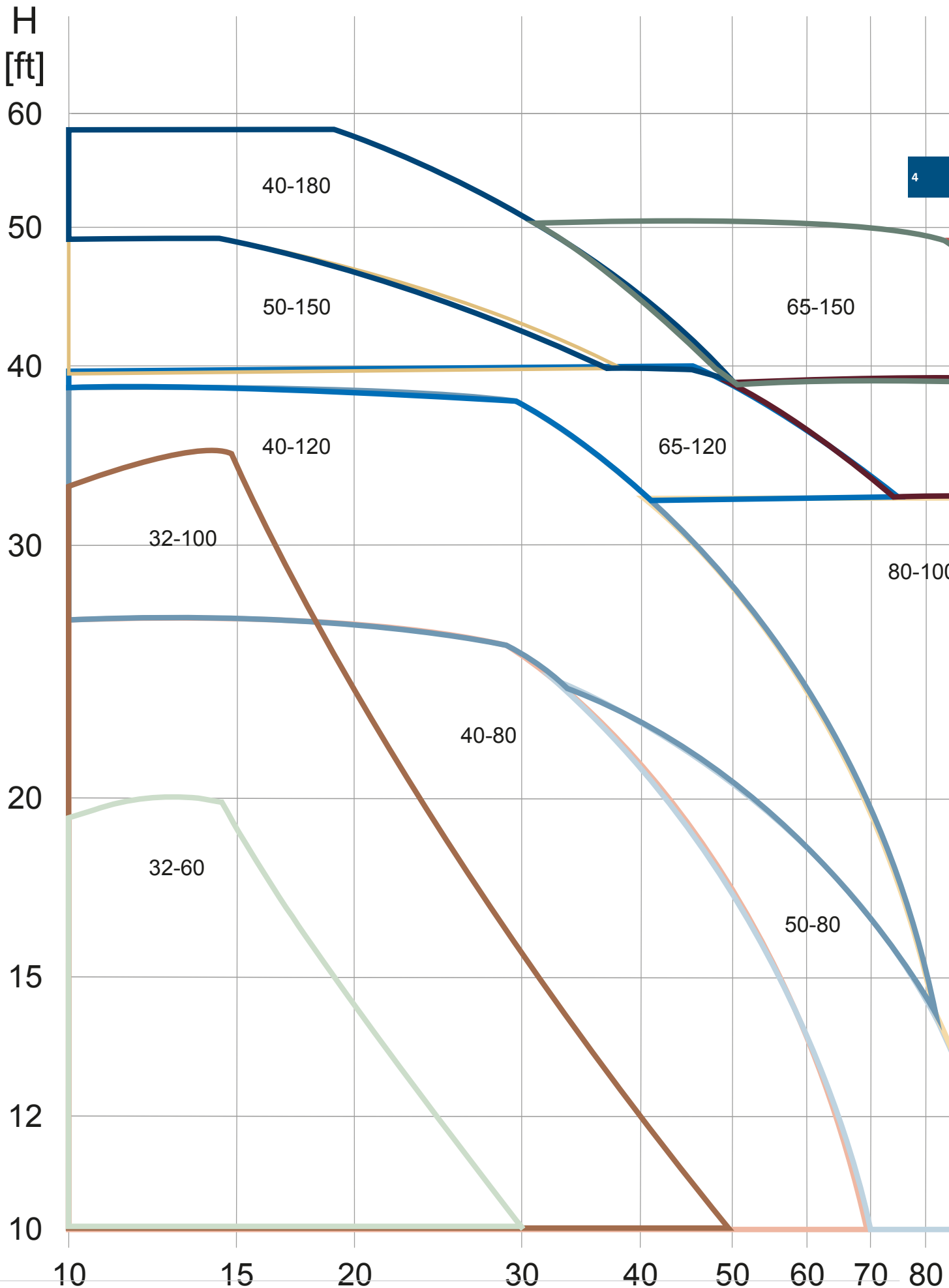
The prices are valid from 1 January 2024 and effective in USA ONLY and subject to change without notice. Shipping weights are approximate.



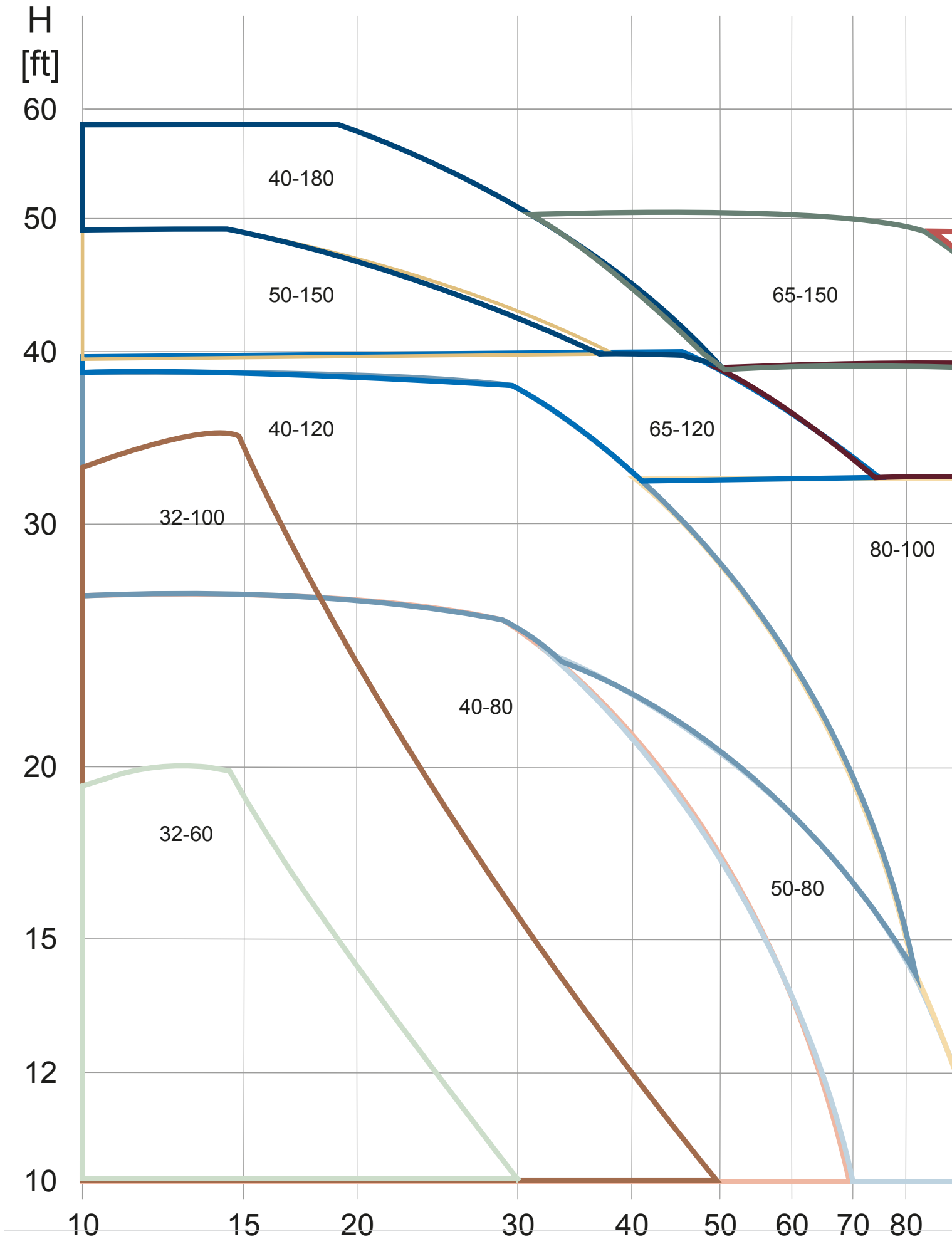


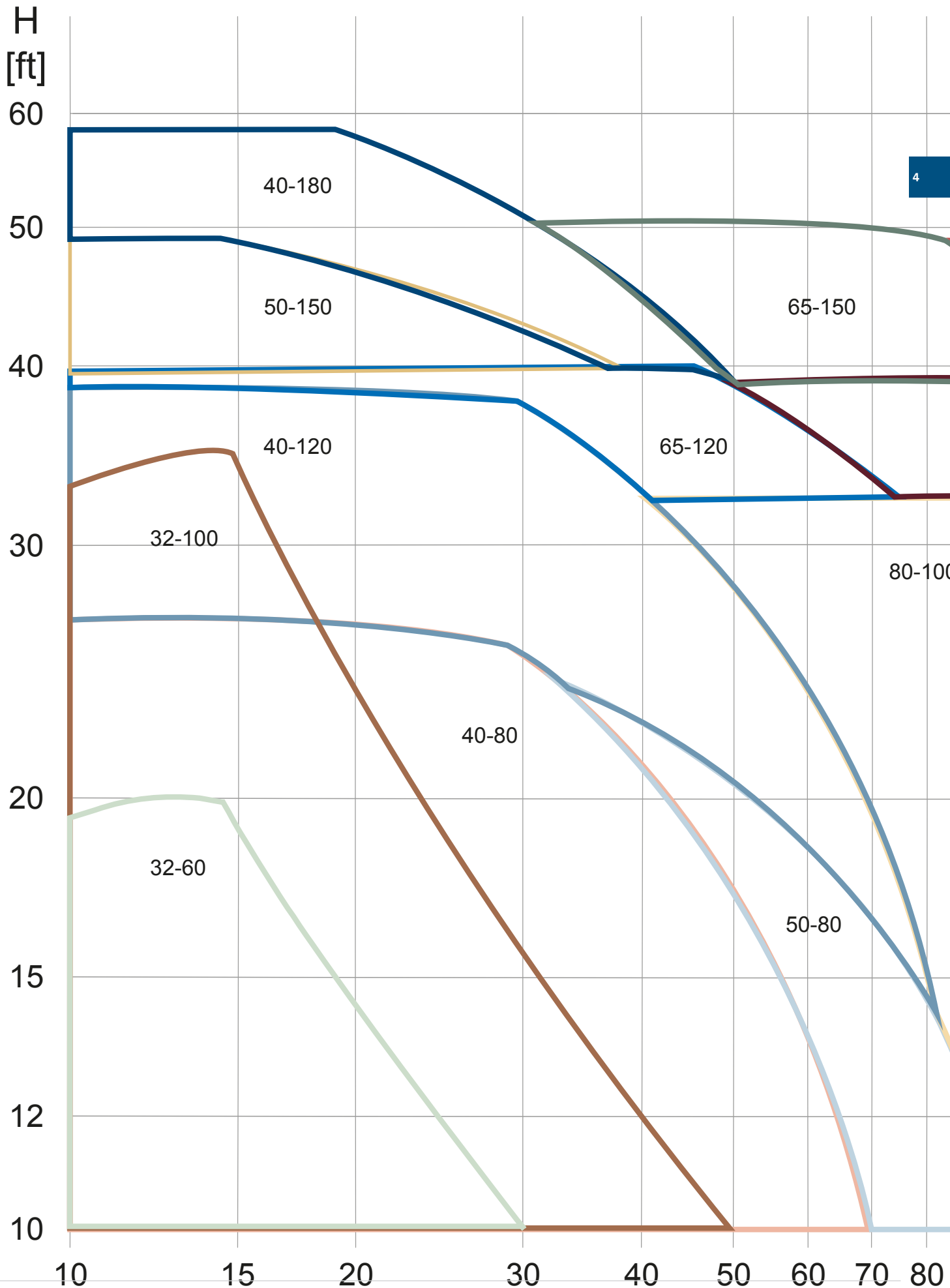
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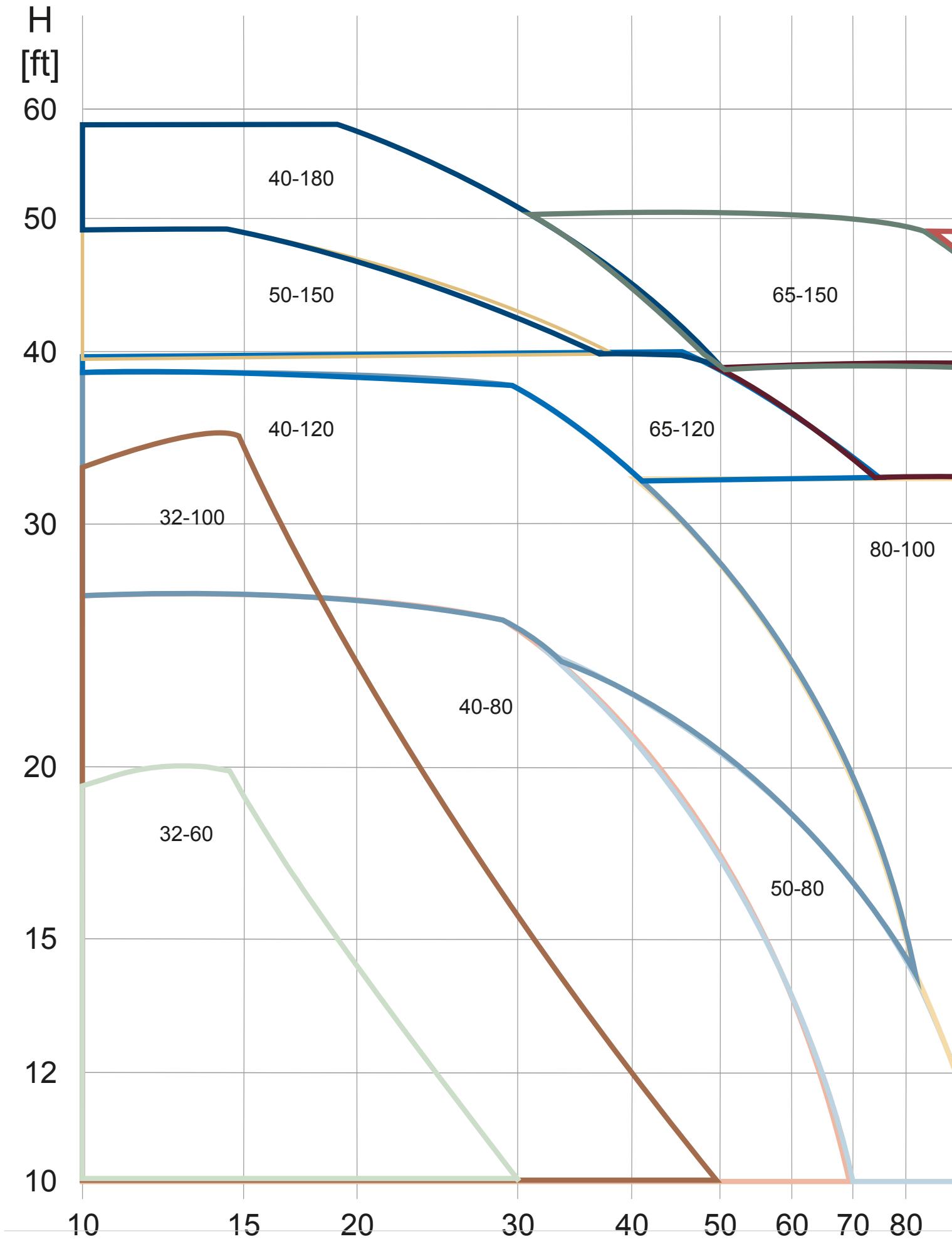


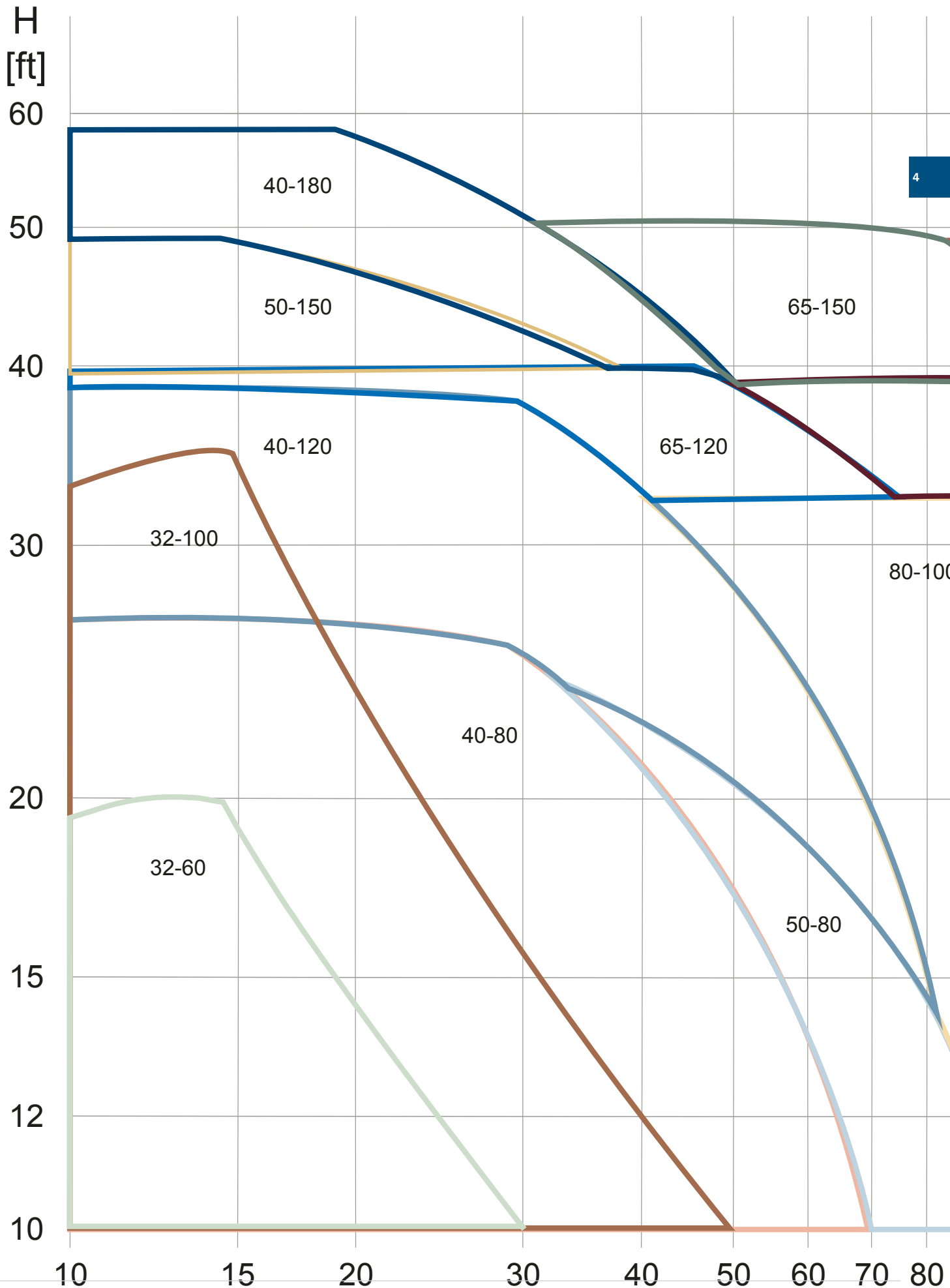
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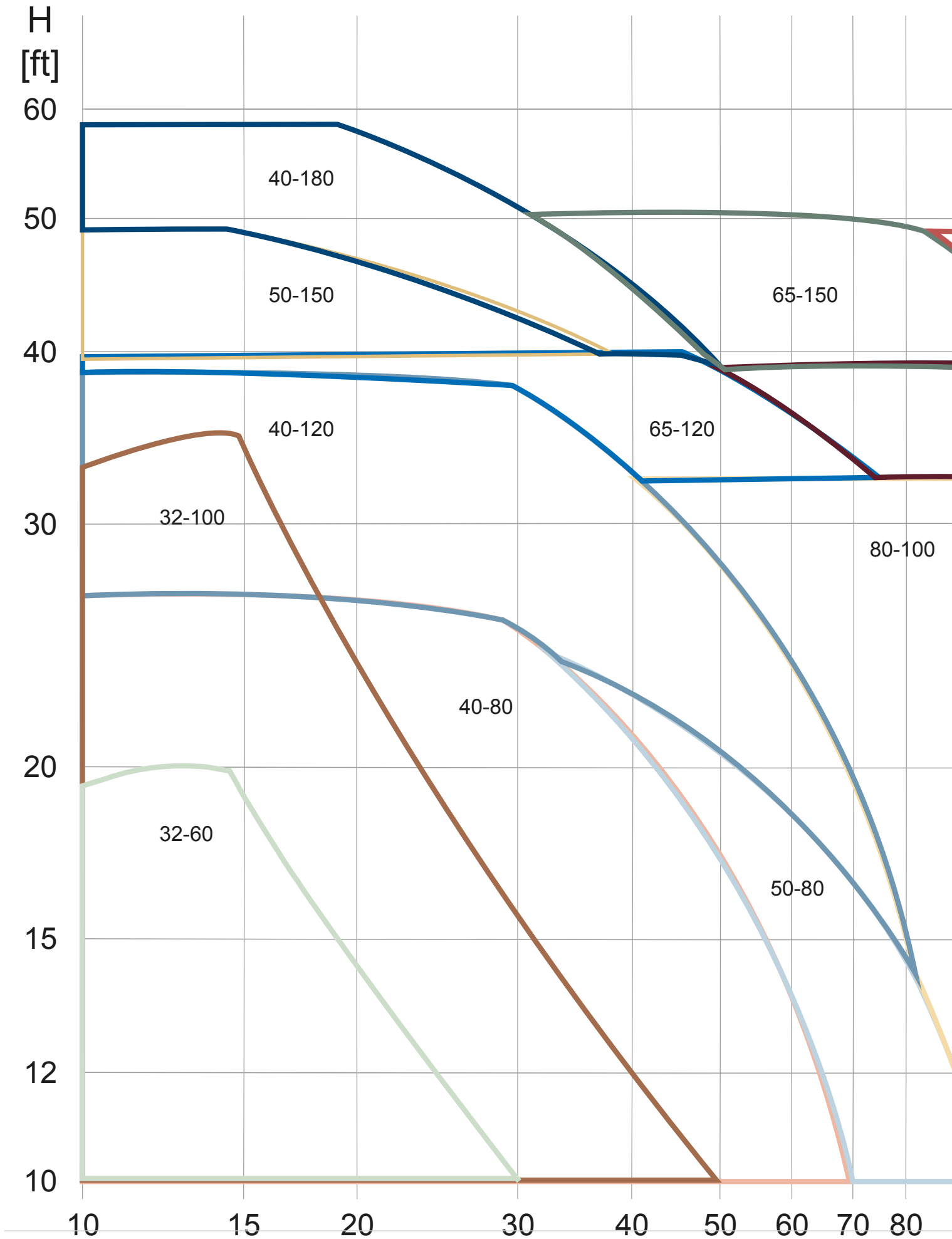


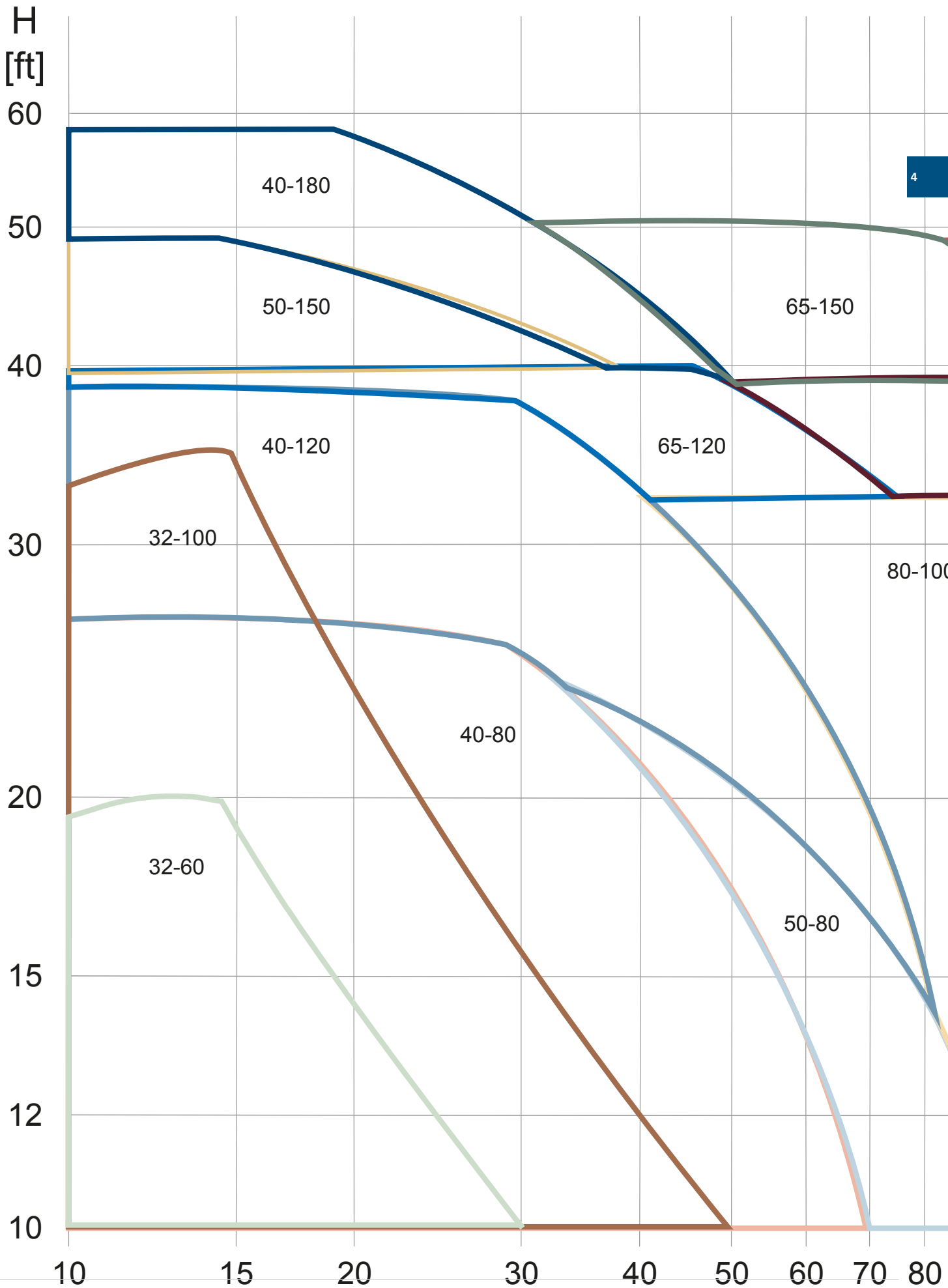
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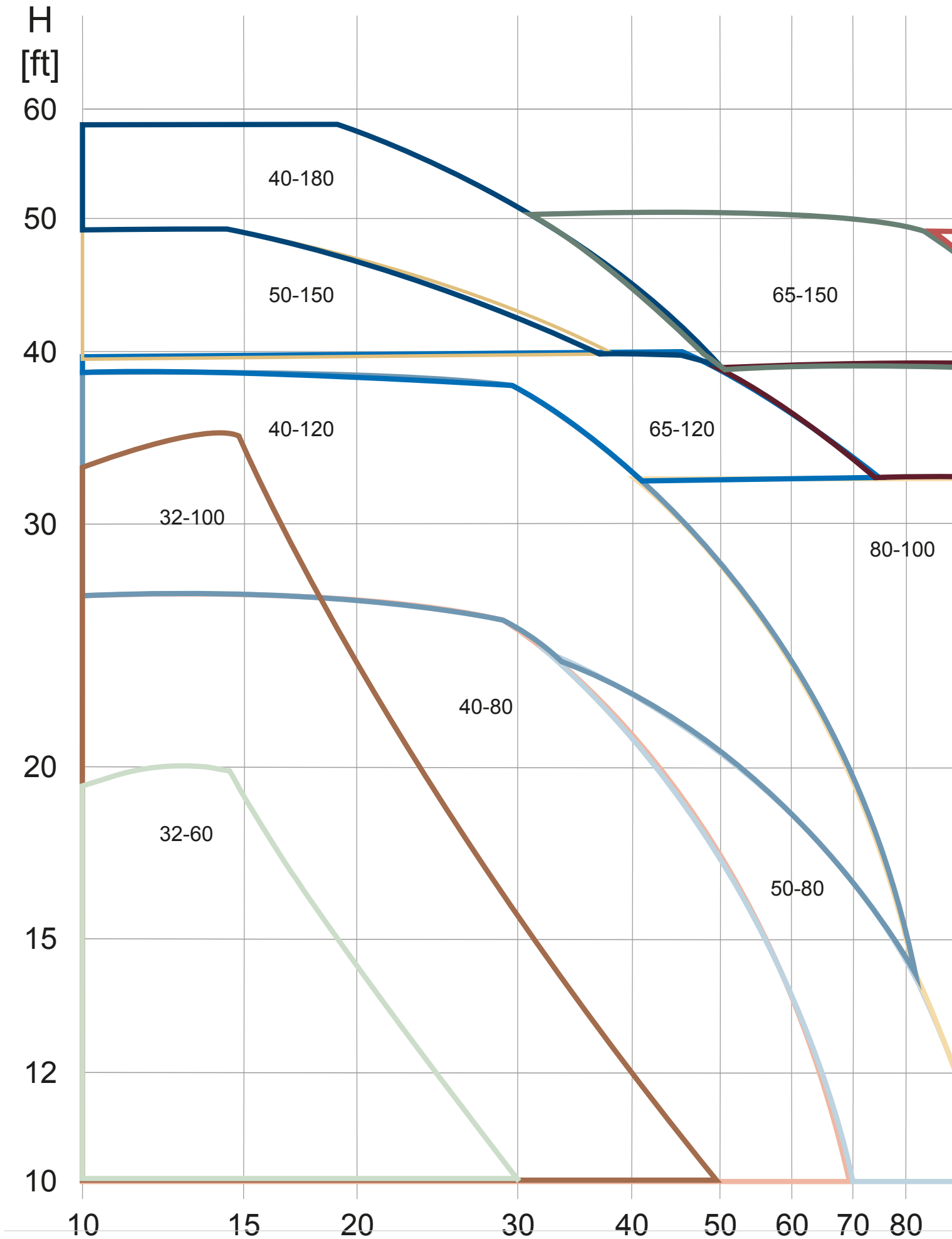


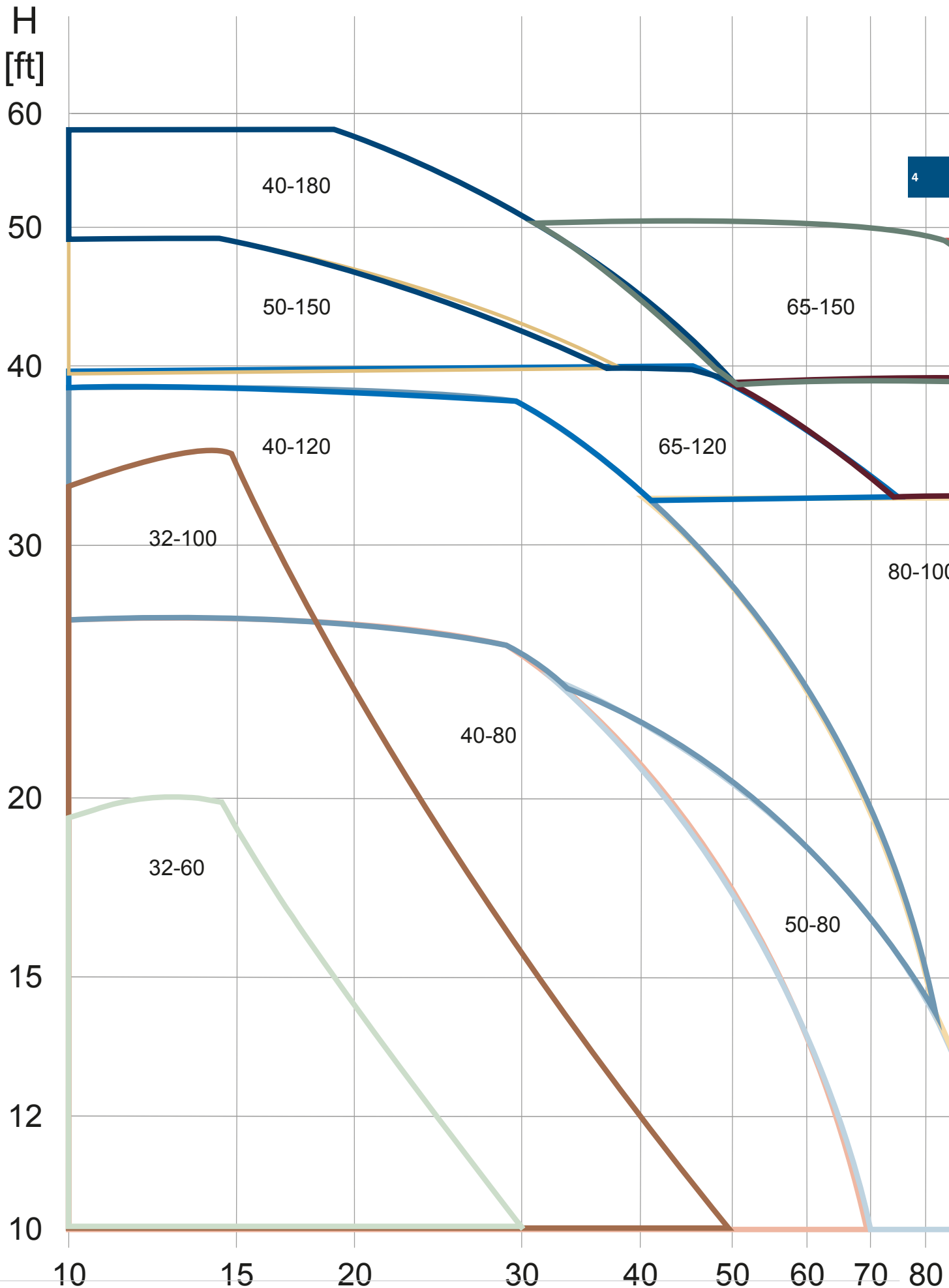
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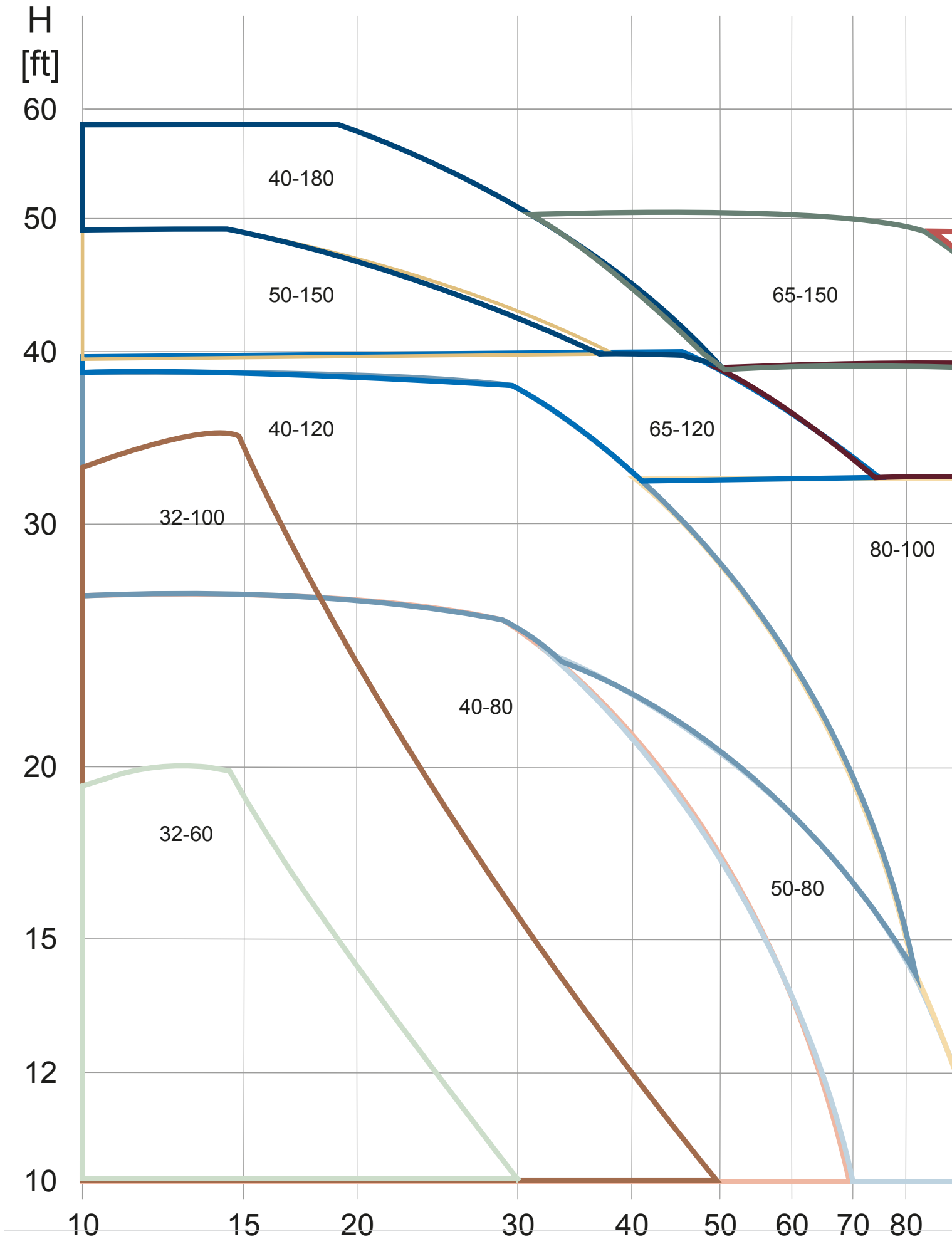


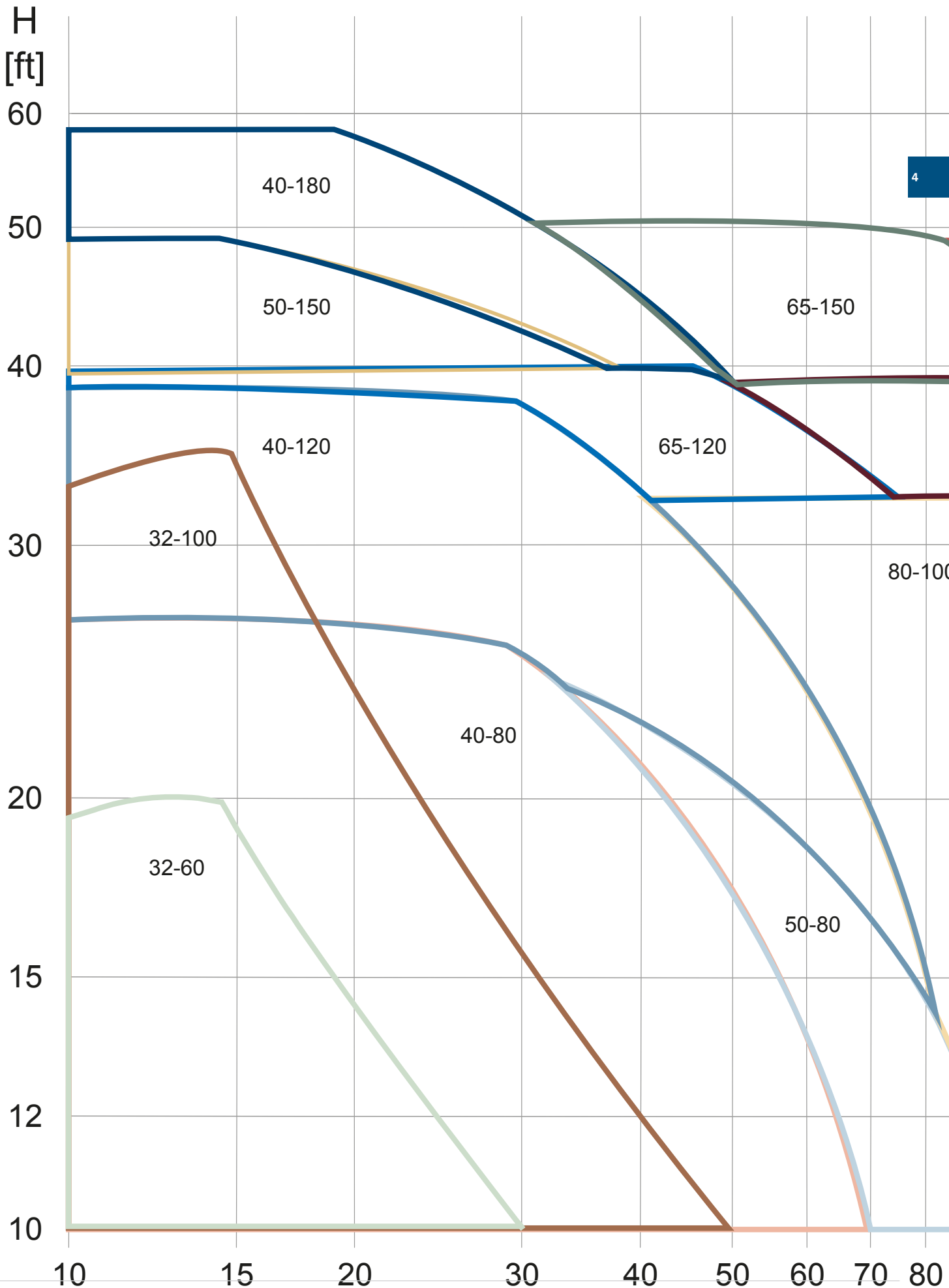
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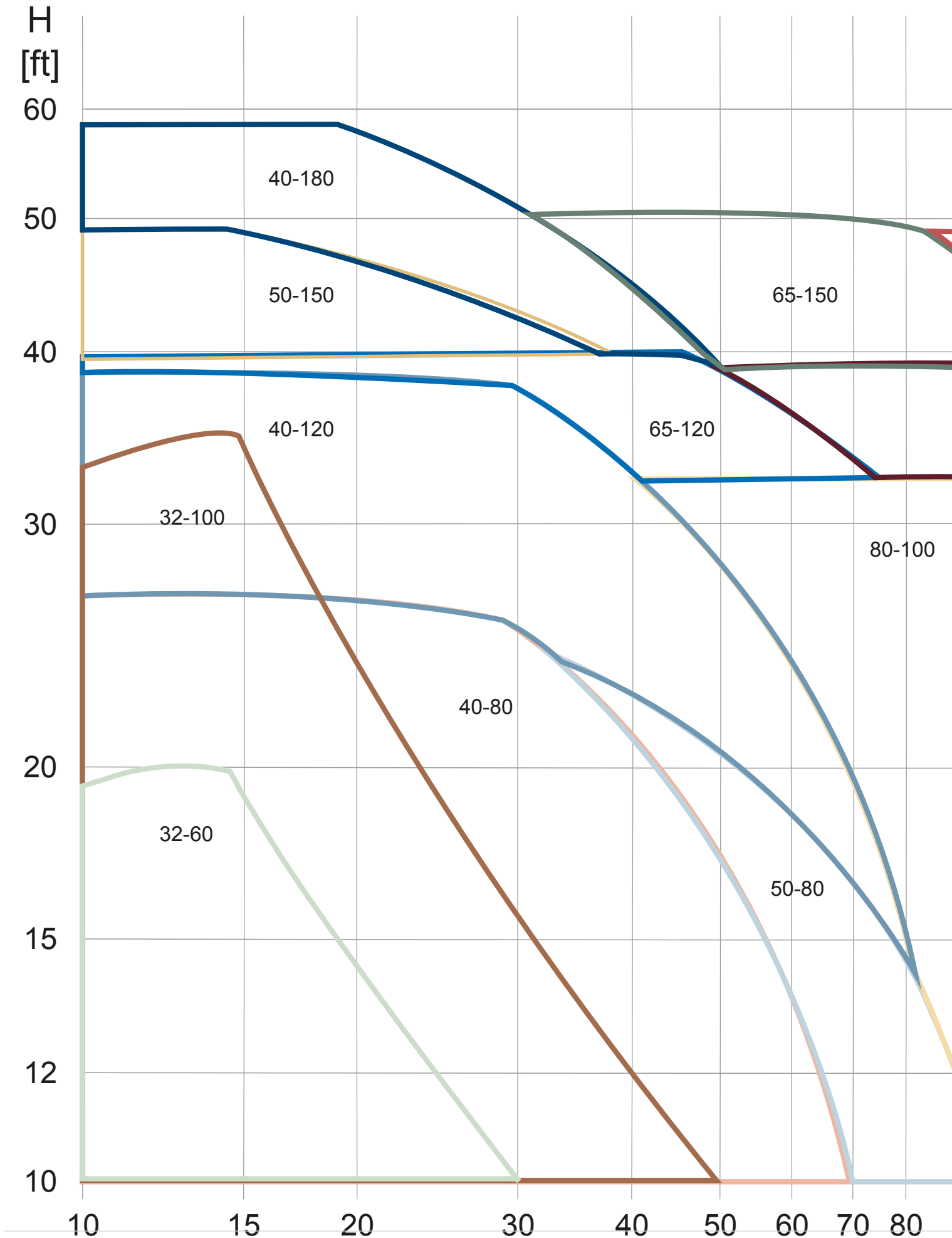


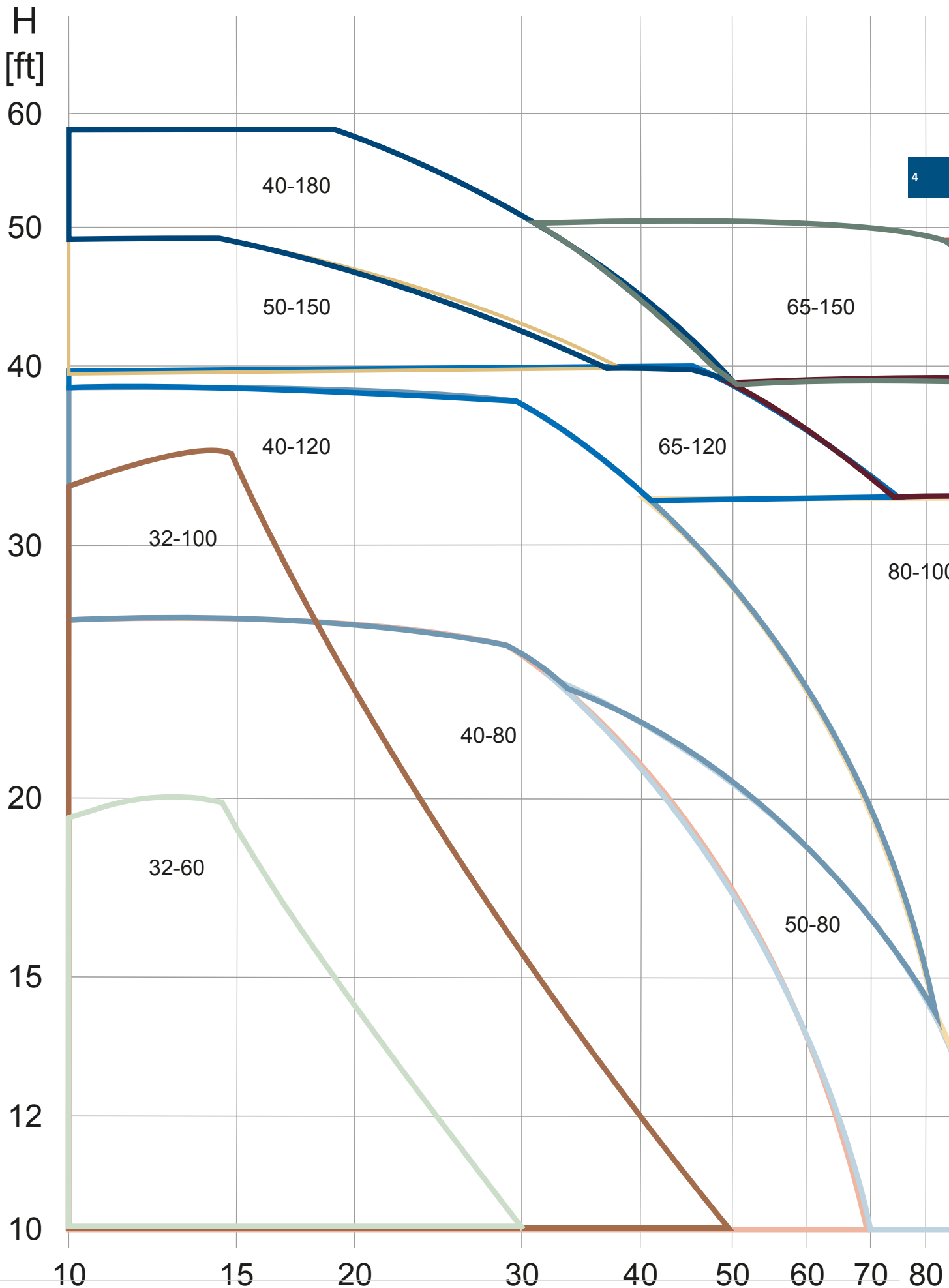
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MAGNA3

CIRCULATORS AND SOLUTIONS FOR HEATING ► VARIABLE SPEED CIRCULATORS

MAGNA3: CAST IRON SINGLE HEAD VARIABLE SPEED CIRCULATORS, INTELLIGENTLY CONTROLLED

MAGNA3 is the ideal all-purpose circulator pump for heating and cooling applications as well as domestic hot water circulation systems. The permanent magnet motor, AUTOADAPT function and integrated frequency converter combined with groundbreaking new technologies make MAGNA3 a cutting-edge piece of intelligent technology that retains Grundfos' unrivaled industry-leading experience with electronic pumps.

Applications:

- Heating and Cooling
- Distributed Pumping
- Chilled water

Features and Benefits:

- **Best Efficiency** : With the best EEI on the market, the MAGNA3 can reduce energy costs by up to 75%
- **High Intelligence** : FLOWLIMIT and FLOWADAPT functions along with the renowned AUTOADAPT control modes enable complete system control
- **Easy Installation** : Intuitive user interface saves time and effort during installation
- **Versatile Application** :
 - The pump handles liquids from +14 °F to +230 °F (-10° C to 110° C)
 - Independent of the ambient temperature making it suitable for both heating and cooling projects
- **Simple Integration**: Easy integration for building management systems



Flow, Q: max. 345 gpm (78.5 m³/h)

Head, H: max. 60 ft (18 m)

Ambient temperature: +32 °F to +104 °F (0 °C to +40 °C)

Liquid temperature: +14 °F to +230 °F (-10 °C to +110 °C)

Maximum operating pressure: 175 psi (12 bar)

Supply voltage: 1 x 115V; 1 x 208-230V 50/60 Hz

Enclosure: X4D (Type 2)

Pump Housing: Cast iron

Connections: Flanged (F)

Remote control and monitoring: Integral differential pressure & temperature sensor. Grundfos GO Remote with a mobile interface for Android or iOS smartphone

Communication with BMS: CIM Modules available on request: GENibus, LonWorks, Profibus DP, Modbus RTU, BACnet MS/TP, GSM/GPRS (Building Management System)

Control modes: AUTOADAPT, FLOWADAPT, FLOWLIMIT, proportional pressure, constant pressure, differential temperature, constant temperature, constant flow, constant curve, and more.

Other functions: Cascade up to 4 Pumps; Duty/Standby or Alternating with 2 pumps

Required Flange for Pump Models:

- **32-XX** : GF15/26
- **40-XX** : GF15/26, GF40/43
- **50-XX** : GF50, GF53 (excluding 3")
- **65-XX** : GF53 & GF65
- **80-XX** : GF80
- **100-XX**: GF100

MPG BB

Inlet size [mm]	Port2port [inch]	Voltage	Shipping weight [lb]	Model	Part Number	Price
32	6	1 x 115-230	13	MAGNA3 32-60 GF	98126820	2,087
	6	1 x 115-230	13	MAGNA3 32-120 GF	99833304	2,776
40	8	1 x 115	31	MAGNA3 40-80 GF	98126800	4,132
	8	1 x 115	31	MAGNA3 40-120 GF	98126804	4,750
	8	1 x 115	31	MAGNA3 40-180 GF	98126808	6,717
	8	1 x 208-230	30	MAGNA3 40-120 GF	98126832	4,750
	8	1 x 208-230	30	MAGNA3 40-180 GF	98126836	6,717
	8	1 x 208-230	31	MAGNA3 40-80 GF	98126828	4,132
50	9	1 x 115	40	MAGNA3 50-80 GF	98126812	5,488
	9	1 x 208-230	40	MAGNA3 50-80 GF	98126840	5,488
	11	1 x 115	43	MAGNA3 50-150 GF	98126816	6,904
	11	1 x 208-230	43	MAGNA3 50-150 GF	98126844	6,904
65	13	1 x 115	49	MAGNA3 65-120 GF	98124696	7,460
	13	1 x 208-230	48	MAGNA3 65-120 GF	98126848	7,460
	13	1 x 208-230	54	MAGNA3 65-150 GF	98126852	8,627
80	14	1 x 208-230	67	MAGNA3 80-100 GF	98126856	8,749
100	17	1 x 208-230	75	MAGNA3 100-120 GF	98126860	9,795

MAGNA3 D: CAST IRON TWIN HEAD VARIABLE SPEED CIRCULATORS, INTELLIGENTLY CONTROLLED

MAGNA3D is the ideal all-purpose, dual-head circulator pump for heating and cooling applications as well as domestic hot water circulation systems. The permanent magnet motor, AUTOADAPT function, and integrated frequency converter combined with groundbreaking new technologies make MAGNA3 a cutting-edge piece of intelligent technology that retains Grundfos' unrivaled industry-leading experience with electronic pumps.

Applications:

- Heating and Cooling
- Distributed Pumping
- Chilled water

Features and Benefits:

- **Best Efficiency** : With the best EEI on the market, the MAGNA3 can reduce energy costs by up to 75%
- **High Intelligence** : FLOWLIMIT and FLOWADAPT functions along with the renowned AUTOADAPT control modes enable complete system control
- **Easy Installation** : Intuitive user interface saves time and effort during installation
- **Versatile Application** :
 - The pump handles liquids from +14 °F to +230 °F (-10° C to 110° C)
 - Independent of the ambient temperature making it suitable for both heating and cooling projects
- **Simple Integration**: Easy integration for building management systems



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Flow, Q: max. 345 gpm (78.5 m³/h)

Head, H: max. 60 ft (18 m)

Ambient temperature: +32 °F to +104 °F (0 °C to +40 °C)

Liquid temperature: +14 °F to +230 °F (-10 °C to +110 °C)

Maximum operating pressure: 175 psi (12 bar)

Supply voltage: 1 x 208-230V 50/60 Hz

Enclosure: X4D (Type 2)

Pump Housing: Cast iron housing

Connections: Flanged (F)

Remote control and monitoring: Integral differential pressure & temperature sensor. Grundfos GO Remote with a mobile interface for Android or iOS smartphone

Communication with BMS: CIM Modules available on request: GENibus, LonWorks, Profibus DP, Modbus RTU, BACnet MS/TP, GSM/GPRS (Building Management System)

Control modes: AUTOADAPT, FLOWADAPT, FLOWLIMIT, proportional pressure, constant pressure, differential temperature, constant temperature, constant flow, constant curve, and more.

Other functions: Cascade up to 4 Pumps; Duty/Standby or Alternating with 2 pumps

Required Flange for Pump Models:

- **32-XX** : GF15/26
- **40-XX** : GF15/26, GF40/43
- **50-XX** : GF50, GF53 (excluding 3")
- **65-XX** : GF53 & GF65
- **80-XX** : GF80
- **100-XX** : GF100

MPG BB

Inlet size [mm]	Port2port [inch]	Voltage	Shipping weight [lb]	Model	Part Number	Price
65	13	1 x 208-230	100	MAGNA3 D 65-150 GF	98126863	15,918
80	14	1 x 208-230	116	MAGNA3 D 80-100 GF	98126864	16,142
100	17	1 x 208-230	138	MAGNA3 D 100-120 GF	98126865	18,094

UP(S) B

CIRCULATORS AND SOLUTIONS FOR HEATING ► VARIABLE SPEED CIRCULATORS

UP(S) B: CIRCULATOR PUMPS

Grundfos UP single-speed circulator pumps are designed for heating systems, while the three-speed UPS circulator pumps are used in central and district heating system while also being suitable for mixing loops in large systems. Both pumps provide reliable and maintenance-free operation.

Suitable for:

Commercial air conditioning
 Commercial heating
 Commercial hot water recirculation
 Basement
 Bathroom
 Domestic heating
 Kitchen
 Living space
 Loft
 District cooling
 District heating
 Industrial heating



MPG 52

32, 40, 50, 80	Pump housing	Voltage	Shipping weight [lb]	Model	Part Number	Price
32	Bronze	1 x 115V	39	UPS 32-80 F B	96402713	4,469
		1 x 230V	40	UPS 32-80 F B	96402714	4,469
		3 x 460V	40	UPS 32-80 F B	96402716	4,469
		3 x 208-230V	40	UPS 32-80 F B	96402715	4,469
	Cast iron	1 x 115V	35	UPS 32-80 F	96402708	2,407
		1 x 230V	35	UPS 32-80 F	96402709	2,407
		3 x 460V	33	UPS 32-80 F	96402711	2,407
		3 x 460V	37	UPS 32-160 F	96402737	3,135
		3 x 575V	35	UPS 32-80 F	96402712	O.R.
		3 x 208-230V	35	UPS 32-80 F	96402710	2,407
40	Bronze	1 x 115V	42	UPS 40-80 F B	96402767	5,778
		1 x 230V	42	UPS 40-80 F B	96402768	5,778
		3 x 460V	46	UPS 40-80 F B	96402770	5,556
		3 x 208-230V	46	UPS 40-80 F B	96402769	5,778
	Cast iron	1 x 115V	38	UPS 40-80 F	96402762	3,263
		1 x 230V	38	UPS 40-80 F	96402763	3,263
		3 x 460V	38	UPS 40-80 F	96402765	3,263
		3 x 460V	47	UPS 40-240 F	96402799	5,057
		3 x 575V	38	UPS 40-80 F	96402766	O.R.
		3 x 208-230V	38	UPS 40-80 F	96402764	3,263
50	Bronze	1 x 115V	52	UPS 50-80 F B	96402843	5,613
		1 x 230V	52	UPS 50-80 F B	96402844	5,613
		1 x 230V	68	UPS 50-160 F B	96411614	9,224
		3 x 460V	51	UPS 50-80 F B	96402846	5,613
		3 x 460V	57	UPS 50-160 F B	96402868	9,224
		3 x 208-230V	51	UPS 50-80 F B	96402845	5,613
	Cast iron	3 x 208-230V	57	UPS 50-160 F B	96402866	9,224
		1 x 115V	45	UPS 50-80 F	96402834	3,236
		1 x 230V	46	UPS 50-80 F	96402836	3,236
		3 x 460V	45	UPS 50-80 F	96402840	3,236
80	Cast iron	3 x 575V	45	UPS 50-80 F	96402842	O.R.
		3 x 208-230V	44	UPS 50-80 F	96402838	3,236
		3 x 208-230V	90	UPS 80-80 F	96402908	4,383
		3 x 208-230V	90	UPS 80-80 F	96402908	4,383

CIRCULATORS FOR HOT WATER RE-CIRCULATION



MAGNA1 N: STAINLESS STEEL INTELLIGENT CIRCULATOR

The MAGNA1 is stainless steel, high-efficiency, high-performance circulator designed for pumping liquids in commercial heating and cooling applications where simple control and communication is desired. The MAGNA1 is built with 65+ years of hydronic experience and is an ideal retrofit solution for fixed-speed pumps.

Applications:

- Hot water recirculation
- Heating and cooling
- Chilled water

Flow, Q: max. 313 gpm (71 m³/h)

Head, H: max. 59 ft (18 m)

Ambient temperature: +32 °F to +104 °F (0 °C to +40 °C)

Liquid temperature: +14 °F to +230 °F (-10 °C to +110 °C)

Maximum operating pressure: 175 psi (12 bar)

Pump Housing: Stainless steel

Enclosure class: X4D

Supply voltage: 1 x 115V; 1 x 208-230V

Control modes : 3 constant pressure curves, 3 proportional pressure curves, 3 fixed speeds,

Required Flange for Pump Models:

- **32-XX** : GF 15/26
- **40-XX** : GF15/26, GF40/43
- **50-XX** : GF50, GF53 (excluding 3")
- **65-XX** : GF53 & GF65
- **80-XX** : GF80
- **100-XX** : GF100



4

MPG BA

Inlet size [mm]	Port2port [inch]	Voltage	Shipping weight [lb]	Model	Part Number	Price
32	6	1 x 115-230	12	MAGNA1 32-60 GF N	98126821	2,475
	6	1 x 115-230	12	MAGNA1 32-100 GF N	98126825	3,014
40	8	1 x 115	31	MAGNA1 40-120 GF N	98126805	5,884
	8	1 x 115	31	MAGNA1 40-180 GF N	98126809	8,326
	8	1 x 115	32	MAGNA1 40-80 GF N	98126801	5,095
	8	1 x 208-230	31	MAGNA1 40-120 GF N	98126833	5,884
	8	1 x 208-230	31	MAGNA1 40-180 GF N	98126837	8,326
	8	1 x 208-230	36	MAGNA1 40-80 GF N	98126829	5,095
50	9	1 x 115	38	MAGNA1 50-80 GF N	98126813	6,801
	9	1 x 208-230	38	MAGNA1 50-80 GF N	98126841	6,801
	11	1 x 115	42	MAGNA1 50-150 GF N	98126817	8,552
	11	1 x 208-230	42	MAGNA1 50-150 GF N	98126845	8,546
65	13	1 x 115	47	MAGNA1 65-120 GF N	98124701	9,252
	13	1 x 208-230	47	MAGNA1 65-120 GF N	98126849	9,252
	13	1 x 208-230	53	MAGNA1 65-150 GF N	98126853	10,683
80	14	1 x 208-230	66	MAGNA1 80-100 GF N	98126857	10,855
100	17	1 x 208-230	75	MAGNA1 100-120 GF N	98126861	12,126

MAGNA3 N

CIRCULATORS FOR HOT WATER RE-CIRCULATION ► HOT WATER RE-CIRCULATION PUMPS - VARIABLE SPEED

MAGNA3 N: STAINLESS STEEL INTELLIGENT ALL-PURPOSE CIRCULATOR

The MAGNA3 N offers a stainless steel pump housing and is an ideal all-purpose circulator pump for heating and cooling applications as well as domestic hot water circulation systems. The permanent magnet motor, AUTOADAPT function, and integrated frequency converter combined with groundbreaking new technologies make MAGNA3 a cutting-edge piece of intelligent technology that retains Grundfos' unrivaled industry-leading experience with electronic pumps.

Applications:

- Hot water recirculation
- Heating and Cooling
- Distributed Pumping
- Chilled water

Features and Benefits:

- **Best Efficiency** : With the best EEI on the market, the MAGNA3 can reduce energy costs by up to 75%
- **High Intelligence** : FLOWLIMIT and FLOWADAPT functions along with the renowned AUTOADAPT control modes enable complete system control
- **Easy Installation** : Intuitive user interface saves time and effort during installation
- **Simple Integration**: Easy integration for building management systems
- **Versatile Application** :
 - The pump handles liquids from +14 °F to +230 °F (-10° C to +110° C)
 - Independent of the ambient temperature making it suitable for both heating and cooling projects



Flow, Q: max. 345 gpm (78.5 m3/h)

Head, H: max. 60 ft (18 m)

Ambient temperature: +32 °F to +104 °F (0 °C to +40 °C)

Liquid temperature: +14 °F to +230 °F (-10 °C to +110 °C)

Maximum operating pressure: 175 psi (12 bar)

Supply voltage: 1 x 115V; 1 x 208-230V 50/60 Hz

Enclosure: X4D (Type 2)

Pump Housing: Stainless Steel

Connections: Flanged (F)

Remote control and monitoring: Integral differential pressure & temperature sensor. Grundfos GO Remote with a mobile interface for Android or iOS smartphone

Communication with BMS: CIM Modules available on request: GENIbus, LonWorks, Profibus DP, Modbus RTU, BACnet MS/TP, GSM/GPRS (Building Management System)

Control modes: AUTOADAPT, FLOWADAPT, FLOWLIMIT, proportional pressure, constant pressure, differential temperature, constant temperature, constant flow, constant curve, and more.

Other functions: Cascade up to 4 Pumps; Duty/Standby or Alternating with 2 pumps

Required Flange for Pump Models:

- **32-XX** : GF 15/26
- **40-XX** : GF15/26, GF40/43
- **50-XX** : GF50, GF53 (excluding 3")
- **65-XX** : GF53 & GF65
- **80-XX** : GF80
- **100-XX** : GF100

MPG BB

Inlet size [mm]	Port2port [inch]	Voltage	Shipping weight [lb]	Model	Part Number	Price
32	6	1 x 115-230	13	MAGNA3 32-120 GF N	99833308	3,964
	6	1 x 115-230	14	MAGNA3 32-60 GF N	98126822	3,105
40	8	1 x 115	32	MAGNA3 40-80 GF N	98126802	6,370
	8	1 x 115	32	MAGNA3 40-120 GF N	98126806	7,348
	8	1 x 115	32	MAGNA3 40-180 GF N	98126810	10,408
	8	1 x 208-230	31	MAGNA3 40-120 GF N	98126834	7,348
	8	1 x 208-230	31	MAGNA3 40-180 GF N	98126838	10,408
	8	1 x 208-230	32	MAGNA3 40-80 GF N	98126830	6,370
50	9	1 x 115	42	MAGNA3 50-80 GF N	98126814	8,500
	9	1 x 208-230	41	MAGNA3 50-80 GF N	98126842	8,500
	11	1 x 115	45	MAGNA3 50-150 GF N	98126818	10,703
	11	1 x 208-230	45	MAGNA3 50-150 GF N	98126846	10,694

Continuation

Inlet size [mm]	Port2port [inch]	Voltage	Shipping weight [lb]	Model	Part Number	Price
65	13	1 x 115	52	MAGNA3 65-120 GF N	98124702	11,555
	13	1 x 208-230	47	MAGNA3 65-120 GF N	98126850	11,555
	13	1 x 208-230	57	MAGNA3 65-150 GF N	98126854	13,363
80	14	1 x 208-230	71	MAGNA3 80-100 GF N	98126858	13,560
100	17	1 x 208-230	76	MAGNA3 100-120 GF N	98126862	15,182

UP(S) B: CIRCULATOR PUMPS

Grundfos UP single-speed circulator pumps are designed for heating systems, while the three-speed UPS circulator pumps are used in central and district heating system while also being suitable for mixing loops in large systems. Both pumps provide reliable and maintenance-free operation.

Suitable for:

Commercial air conditioning
 Commercial heating
 Commercial hot water recirculation
 Basement
 Bathroom
 Domestic heating
 Kitchen
 Living space
 Loft
 District cooling
 District heating
 Industrial heating



MPG 52

32, 40, 50, 80	Pump housing	Voltage	Shipping weight [lb]	Model	Part Number	Price
32	Bronze	1 x 115V	39	UPS 32-80 F B	96402713	4,469
		1 x 230V	40	UPS 32-80 F B	96402714	4,469
		3 x 460V	40	UPS 32-80 F B	96402716	4,469
		3 x 208-230V	40	UPS 32-80 F B	96402715	4,469
	Cast iron	1 x 115V	35	UPS 32-80 F	96402708	2,407
		1 x 230V	35	UPS 32-80 F	96402709	2,407
		3 x 460V	33	UPS 32-80 F	96402711	2,407
		3 x 460V	37	UPS 32-160 F	96402737	3,135
40	Bronze	3 x 575V	35	UPS 32-80 F	96402712	O.R.
		3 x 208-230V	35	UPS 32-80 F	96402710	2,407
		1 x 115V	42	UPS 40-80 F B	96402767	5,778
		1 x 230V	42	UPS 40-80 F B	96402768	5,778
	Cast iron	3 x 460V	46	UPS 40-80 F B	96402770	5,556
		3 x 208-230V	46	UPS 40-80 F B	96402769	5,778
		1 x 115V	38	UPS 40-80 F	96402762	3,263
		1 x 230V	38	UPS 40-80 F	96402763	3,263
50	Bronze	3 x 460V	38	UPS 40-80 F	96402765	3,263
		3 x 460V	47	UPS 40-240 F	96402799	5,057
		3 x 575V	38	UPS 40-80 F	96402766	O.R.
		3 x 208-230V	38	UPS 40-80 F	96402764	3,263
	Cast iron	1 x 115V	52	UPS 50-80 F B	96402843	5,613
		1 x 230V	52	UPS 50-80 F B	96402844	5,613
		1 x 230V	68	UPS 50-160 F B	96411614	9,224
		3 x 460V	51	UPS 50-80 F B	96402846	5,613
80	Bronze	3 x 460V	57	UPS 50-160 F B	96402868	9,224
		3 x 208-230V	51	UPS 50-80 F B	96402845	5,613
		3 x 208-230V	57	UPS 50-160 F B	96402866	9,224
		1 x 115V	45	UPS 50-80 F	96402834	3,236
	Cast iron	1 x 230V	46	UPS 50-80 F	96402836	3,236
		3 x 460V	45	UPS 50-80 F	96402840	3,236
		3 x 575V	45	UPS 50-80 F	96402842	O.R.
		3 x 208-230V	44	UPS 50-80 F	96402838	3,236
		3 x 208-230V	90	UPS 80-80 F	96402908	4,383

INLINE PUMPS



TP PUMPS: DIRECT-COUPLED INLINE SINGLE STAGE CIRCULATOR PUMP

Grundfos TP circulator pumps are designed for the circulation of liquids in heating and air-conditioning systems. Pumps with bronze pump housings are suitable for circulation in domestic hot water systems.

Grundfos TP pumps are vertical single-stage inline centrifugal pumps of the close-coupled type. The TP is highly reliable and efficient.

Applications:

- Heating and Cooling
- Hot Water Recirculation
- District Energy



4

Flow, Q: max. 300 gpm

Head, H: max. 49 ft

Ambient temperature: max. 104 °F (0 °C to +40 °C)

Liquid temperature: +5 °F to +284 °F (-15 °C to +140 °C)

Maximum operating pressure: 145 psi (10 bar)

Supply voltage: 1 x 115/208-230V; 3 x 208-230/460V 60 Hz

Enclosure: TEFC

Pump Housing: Cast iron

Connections: Flanged (F)

Required Flange for Pump Models:

- **32-40; 32-80** : GF 15/26
- **32-160** : GF40/43
- **40-XX** : GF40/43
- **50-XX** : GF50
- **80-XX** : GF80
- **100-XX** : GF100

MPG CA

Inlet	Pump housing	P2 [HP]	Voltage	Shipping weight [lb]	Model	Part Number	Price	PEI
32		0.33	1 x 115/208-230	52	TP 32-40/4	96411780	5,354	
		0.33	3 x 208-230/460	51	TP 32-40/4	96411781	5,229	
		0.50	1 x 115/208-230	55	TP 32-80/2	96411784	5,394	
		0.50	3 x 208-230/460	54	TP 32-80/2	96411785	5,382	
		0.75	1 x 115/208-230	59	TP 32-160/2	96411788	7,069	
		0.75	3 x 208-230/460	58	TP 32-160/2	96411789	6,915	
	Cast iron	0.33	1 x 115/208-230	48	TP 32-40/4	96411778	3,417	
	Cast iron	0.33	3 x 208-230/460	47	TP 32-40/4	96411779	3,294	
	Cast iron	0.50	1 x 115/208-230	52	TP 32-80/2	96411782	3,510	
	Cast iron	0.50	3 x 208-230/460	51	TP 32-80/2	96411783	3,388	
40	Cast iron	0.75	1 x 115/208-230	53	TP 32-160/2	96411786	4,332	
	Cast iron	0.75	3 x 208-230/460	53	TP 32-160/2	96411787	4,187	
		0.33	1 x 115/208-230	59	TP 40-40/4	96411792	6,558	
		0.33	3 x 208-230/460	58	TP 40-40/4	96411793	6,433	
		0.75	1 x 115/208-230	60	TP 40-80/2	96411796	6,786	
		0.75	1 x 115/208-230	65	TP 40-160/2	96411800	8,613	
		0.75	3 x 208-230/460	59	TP 40-80/2	96411797	6,632	
		0.75	3 x 208-230/460	64	TP 40-160/2	96411801	8,459	
		1.50	1 x 115/208-230	69	TP 40-240/2	96411804	10,251	0.86
		1.50	3 x 208-230/460	68	TP 40-240/2	96411805	9,996	0.86
	Cast iron	0.33	1 x 115/208-230	53	TP 40-40/4	96411790	3,945	
	Cast iron	0.33	3 x 208-230/460	53	TP 40-40/4	96411791	3,831	
	Cast iron	0.75	1 x 115/208-230	53	TP 40-160/2	96411798	5,382	
	Cast iron	0.75	1 x 115/208-230	54	TP 40-80/2	96411794	4,283	
Cast iron	0.75	3 x 208-230/460	53	TP 40-80/2	96411795	4,138		
Cast iron	0.75	3 x 208-230/460	53	TP 40-160/2	96411799	5,235		
Cast iron	1.50	1 x 115/208-230	57	TP 40-240/2	96411802	6,164	0.86	
Cast iron	1.50	3 x 208-230/460	56	TP 40-240/2	96411803	5,925	0.86	

TP PUMPS

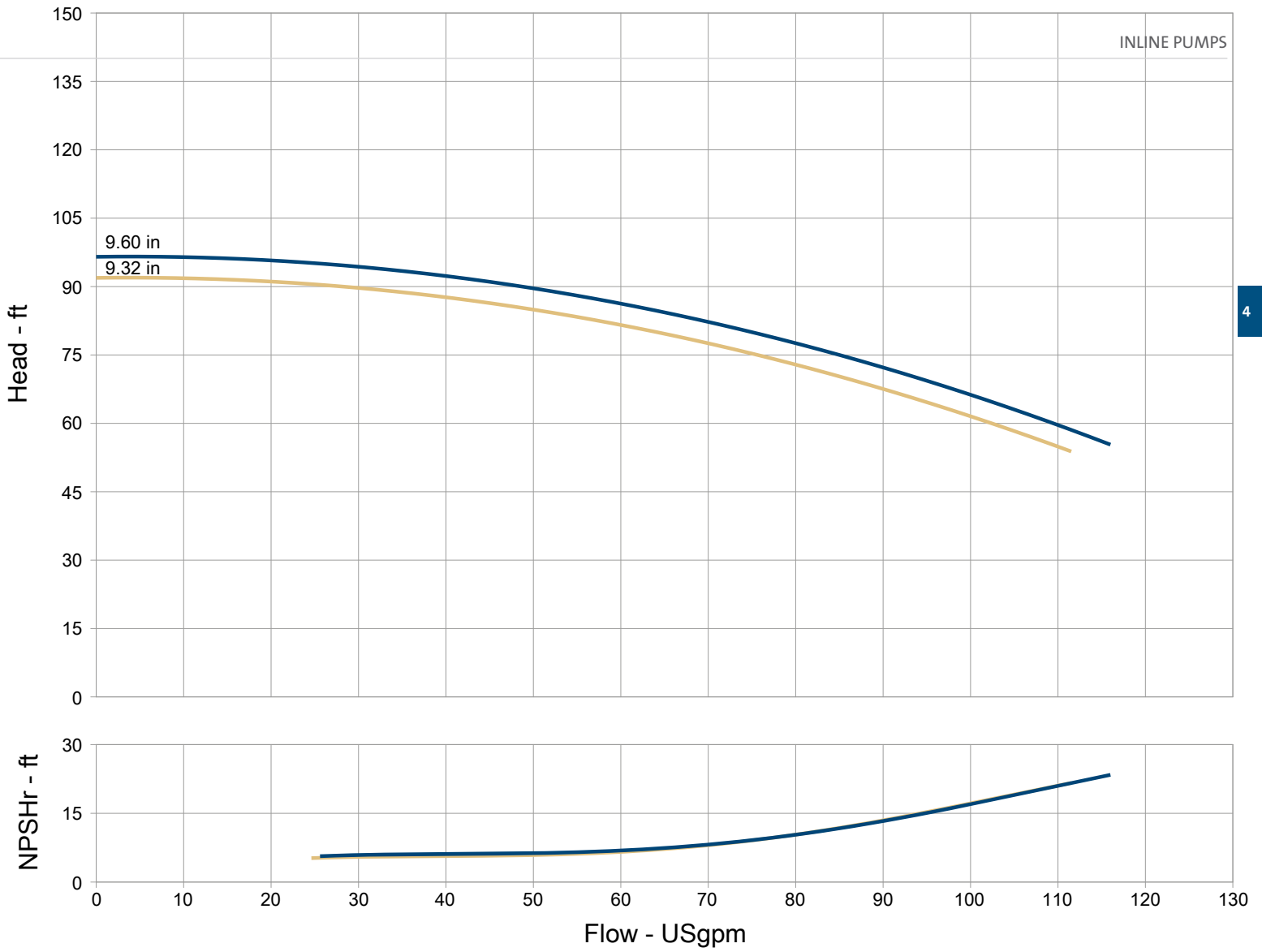
INLINE PUMPS ► INLINE STANDARD PUMPS

Continuation

Inlet	Pump housing	P2 [HP]	Voltage	Shipping weight [lb]	Model	Part Number	Price	PEI
50		0.33	1 x 115/208-230	65	TP 50-40/4	96411808	6,320	
		0.33	3 x 208-230/460	64	TP 50-40/4	96411809	6,193	
		0.75	1 x 115/208-230	68	TP 50-80/2	96411812	6,824	
		0.75	3 x 208-230/460	68	TP 50-80/2	96411813	6,682	
		1.50	1 x 115/208-230	78	TP 50-160/2	96411816	11,203	0.91
		1.50	3 x 208-230/460	77	TP 50-160/2	96411817	10,955	0.91
		2.00	1 x 115/230	82	TP 50-240/2	96411820	12,154	0.91
50		2.00	3 x 208-230/460	81	TP 50-240/2	96411821	11,761	0.91
	Cast iron	0.33	1 x 115/208-230	53	TP 50-40/4	96411806	3,606	
	Cast iron	0.33	3 x 208-230/460	53	TP 50-40/4	96411807	3,487	
	Cast iron	0.75	1 x 115/208-230	57	TP 50-80/2	96411810	4,160	
	Cast iron	0.75	3 x 208-230/460	56	TP 50-80/2	96411811	4,015	
	Cast iron	1.50	1 x 115/208-230	66	TP 50-160/2	96411814	6,492	0.91
	Cast iron	1.50	3 x 208-230/460	65	TP 50-160/2	96411815	6,261	0.91
	Cast iron	2.00	1 x 115/230	71	TP 50-240/2	96411818	6,757	0.91
	Cast iron	2.00	3 x 208-230/460	70	TP 50-240/2	96411819	6,393	0.91
	80		0.50	1 x 115/208-230	128	TP 80-40/4	96411825	11,046
		0.50	3 x 208-230/460	127	TP 80-40/4	96411826	10,864	
		1.50	1 x 115/208-230	132	TP 80-80/4	96411829	11,465	0.93
		1.50	3 x 208-230/460	131	TP 80-80/4	96411830	11,306	0.93
		3.00	1 x 115/208-230	143	TP 80-240/2	96411840	14,996	0.89
		3.00	1 x 115/208-230	144	TP 80-160/2	96411833	13,168	0.89
		3.00	3 x 208-230/460	142	TP 80-240/2	96411841	13,994	0.89
		3.00	3 x 208-230/460	143	TP 80-160/2	96411834	12,178	0.89
Cast iron		0.50	1 x 115/208-230	120	TP 80-40/4	96411823	5,653	
Cast iron		0.50	3 x 208-230/460	116	TP 80-40/4	96411824	5,471	
Cast iron		1.50	1 x 115/208-230	120	TP 80-80/4	96411827	6,331	0.93
Cast iron		1.50	3 x 208-230/460	119	TP 80-80/4	96411828	6,122	0.93
Cast iron		3.00	1 x 115/208-230	143	TP 80-240/2	96411836	9,066	0.89
Cast iron	3.00	1 x 115/208-230	144	TP 80-160/2	96411831	6,807	0.89	
Cast iron	3.00	3 x 208-230/460	143	TP 80-240/2	96411839	8,127	0.89	
Cast iron	3.00	3 x 208-230/460	152	TP 80-160/2	96411832	5,853	0.89	

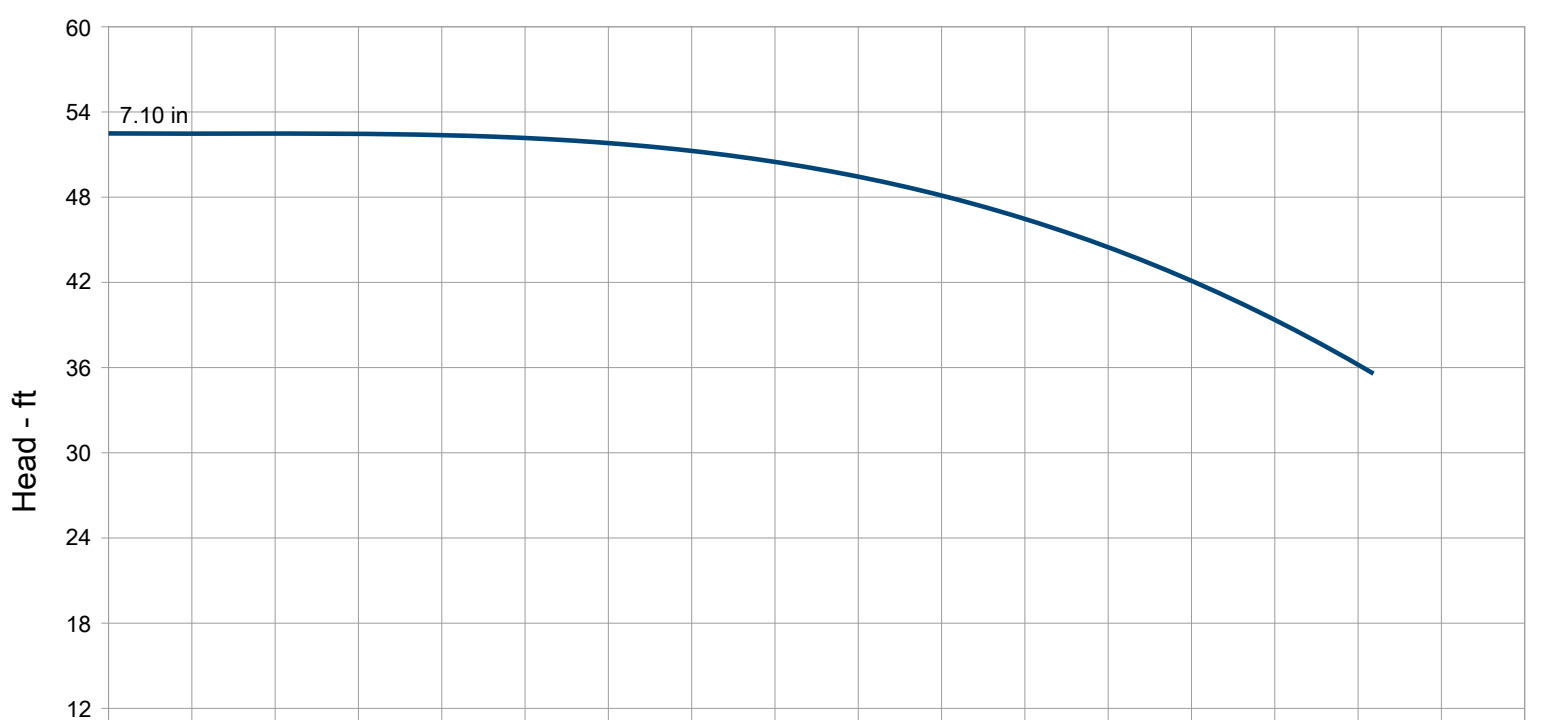
1095A VLS

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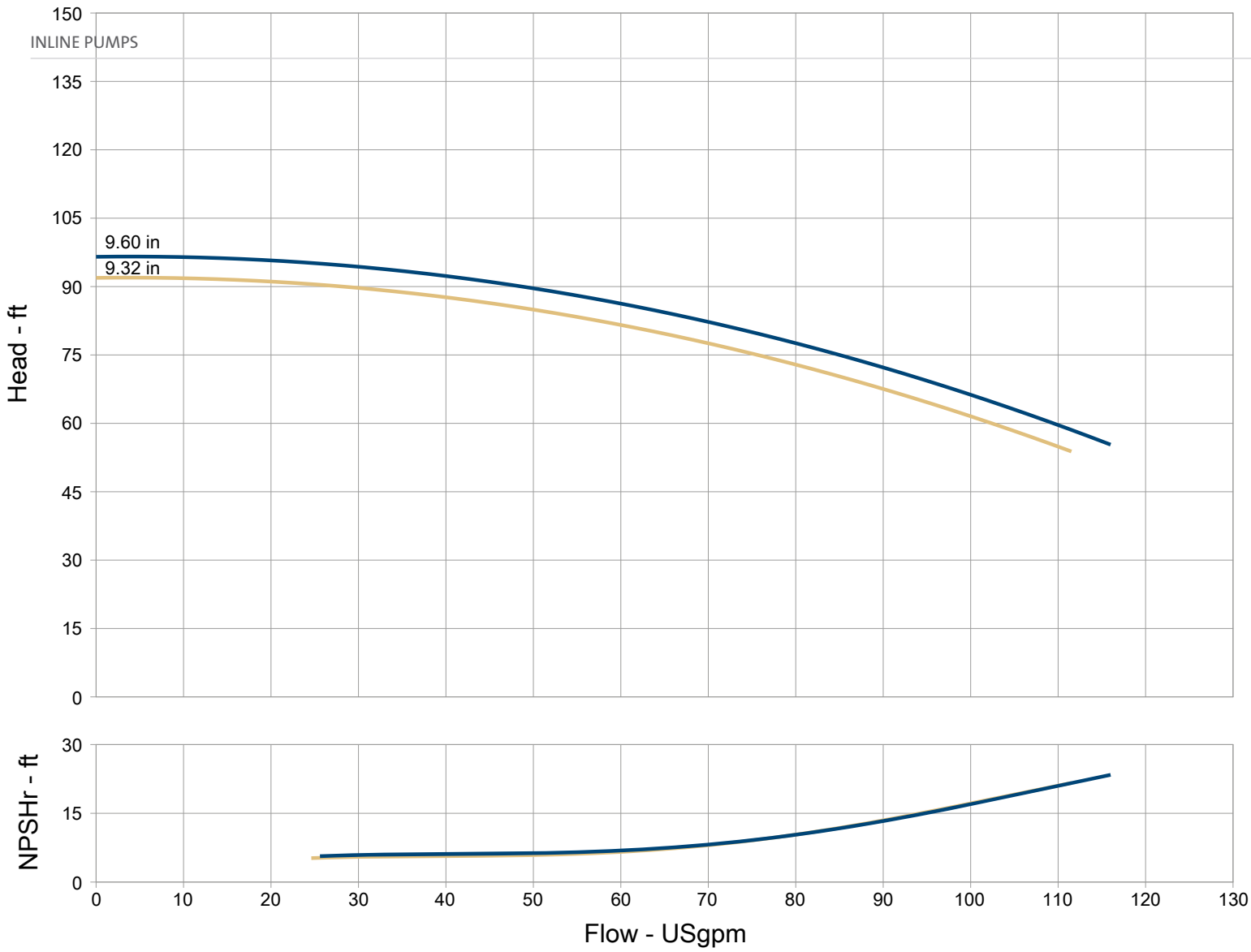


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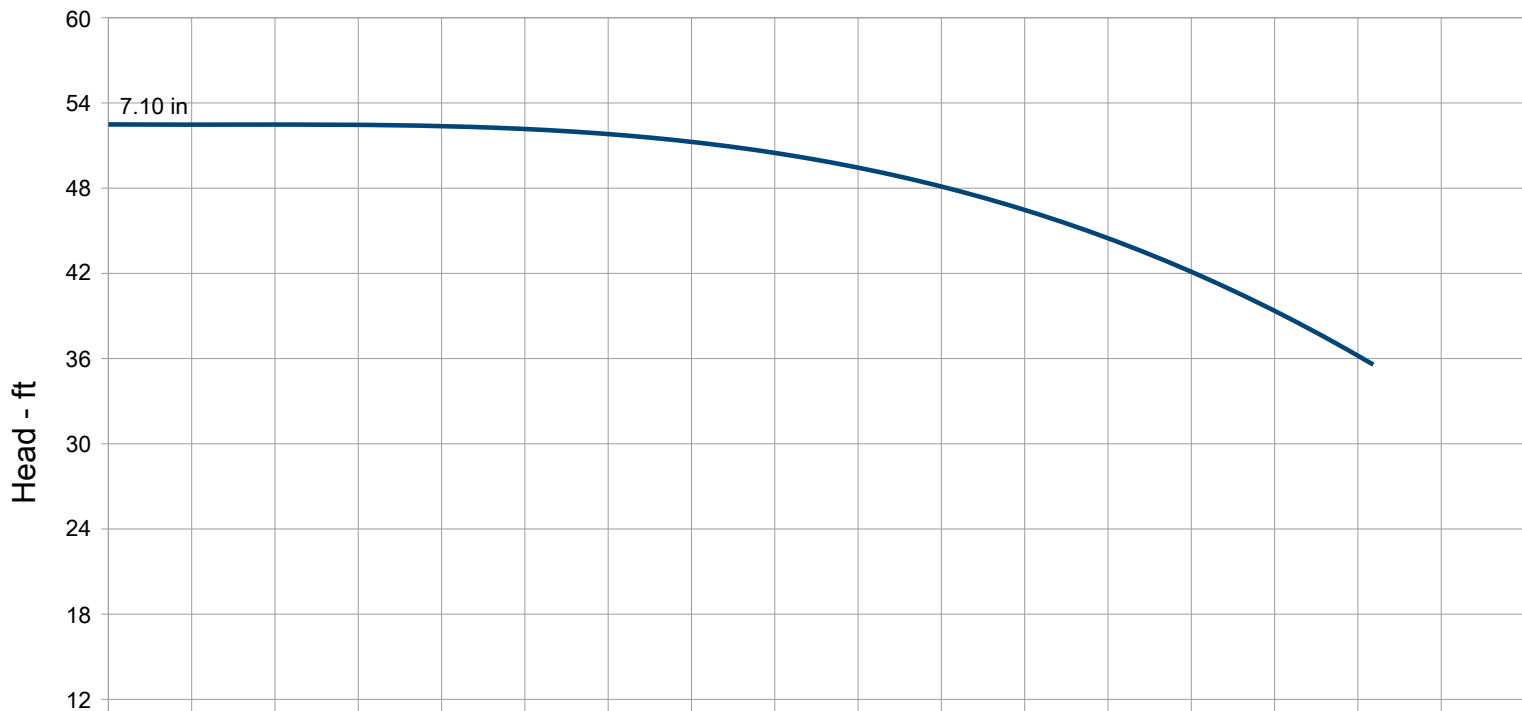
12707 VLS



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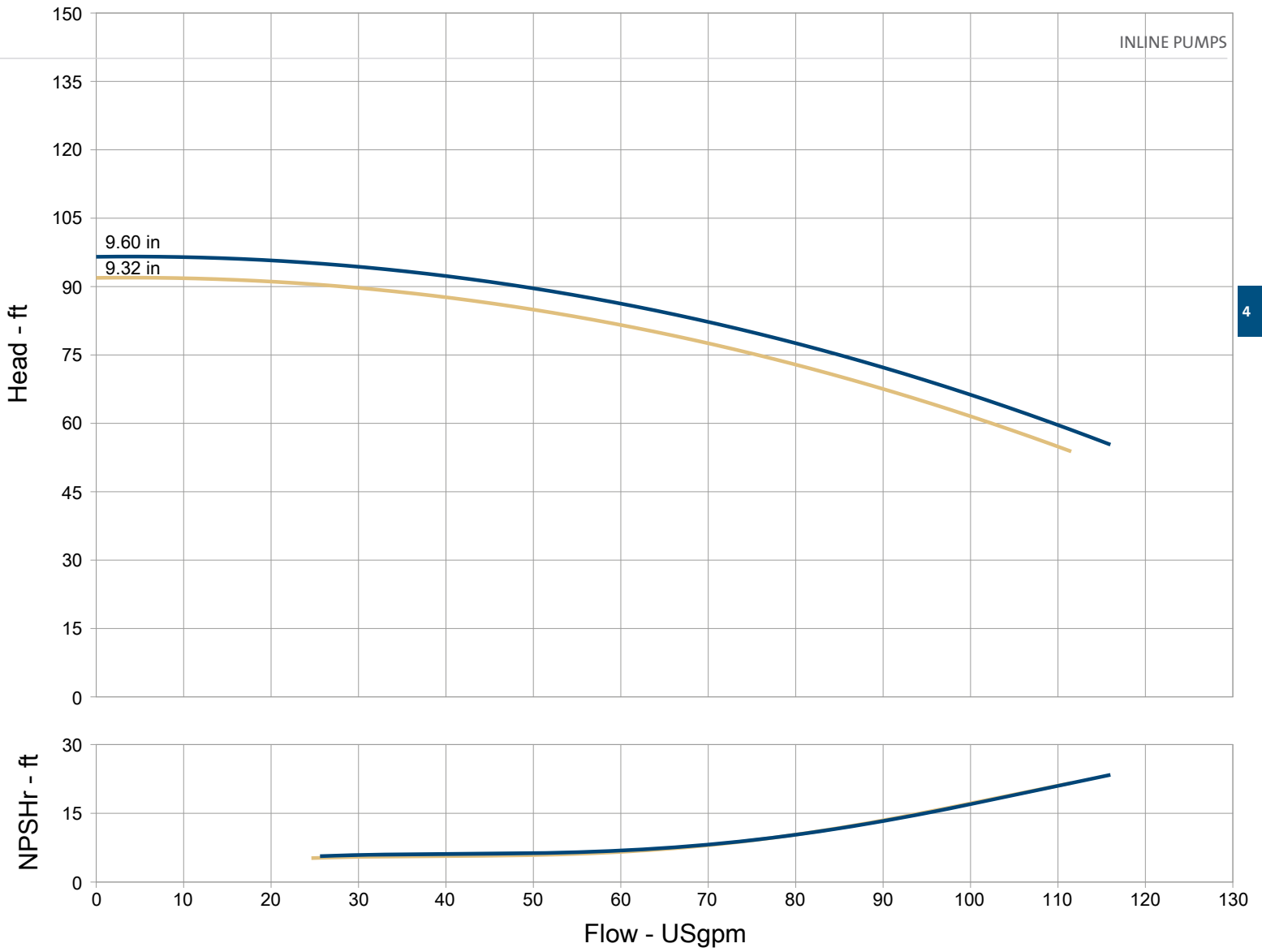


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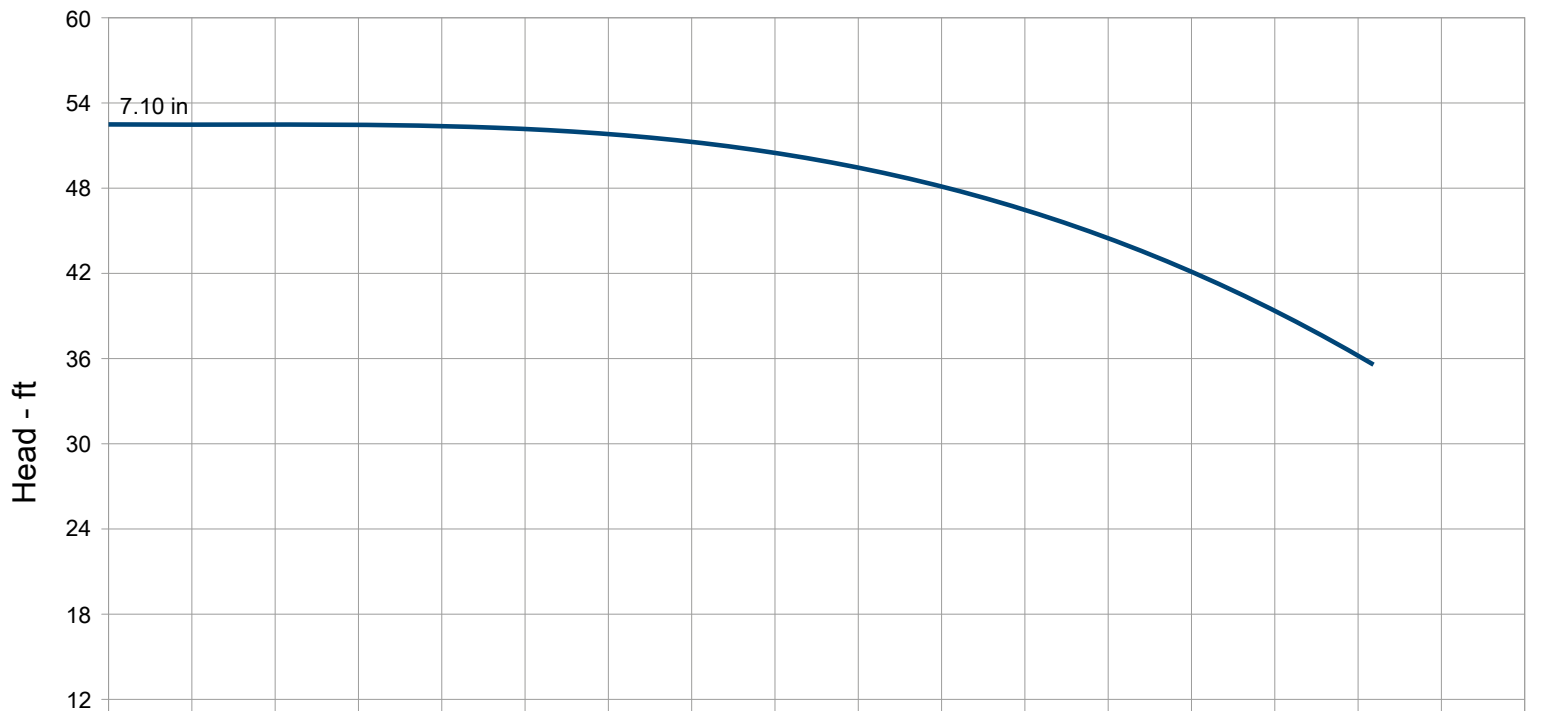


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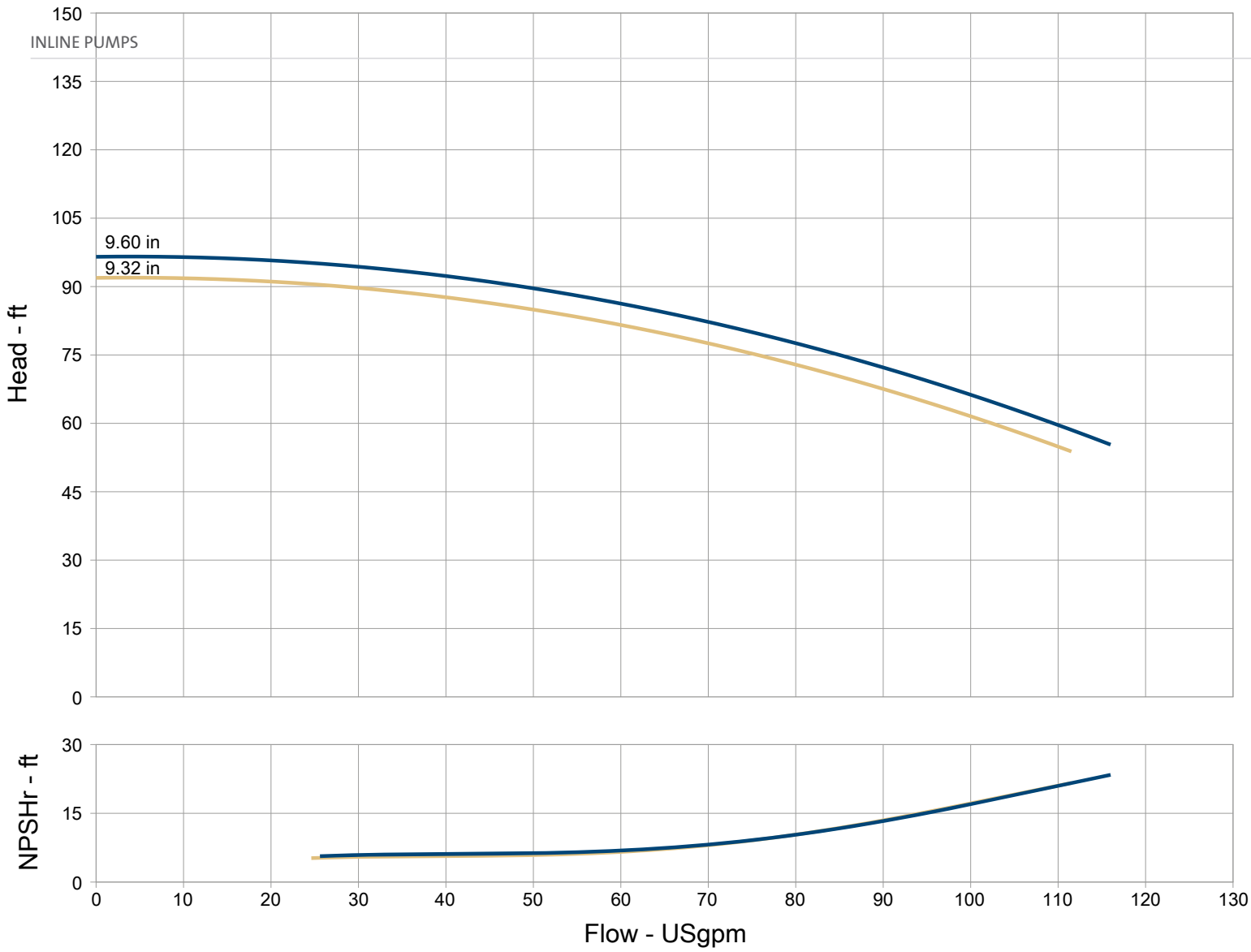
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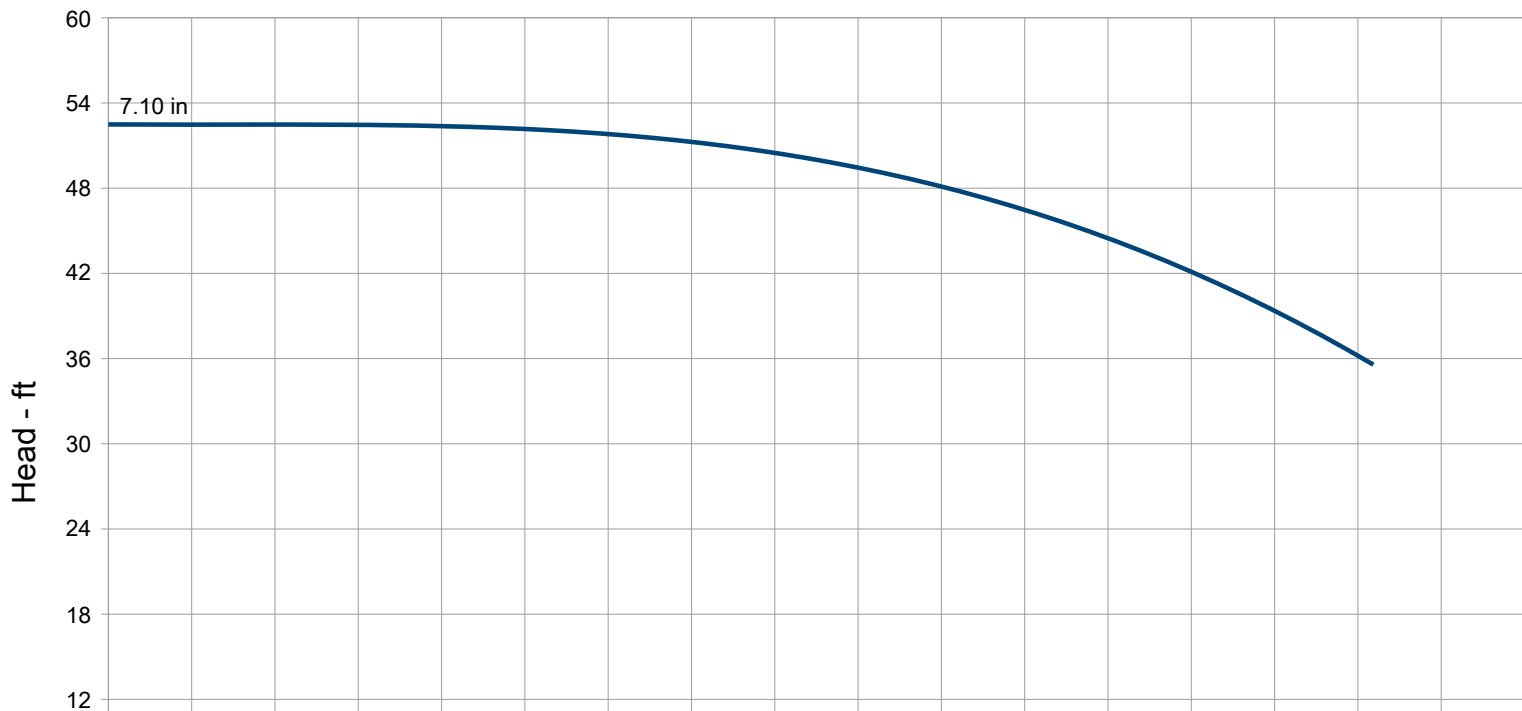
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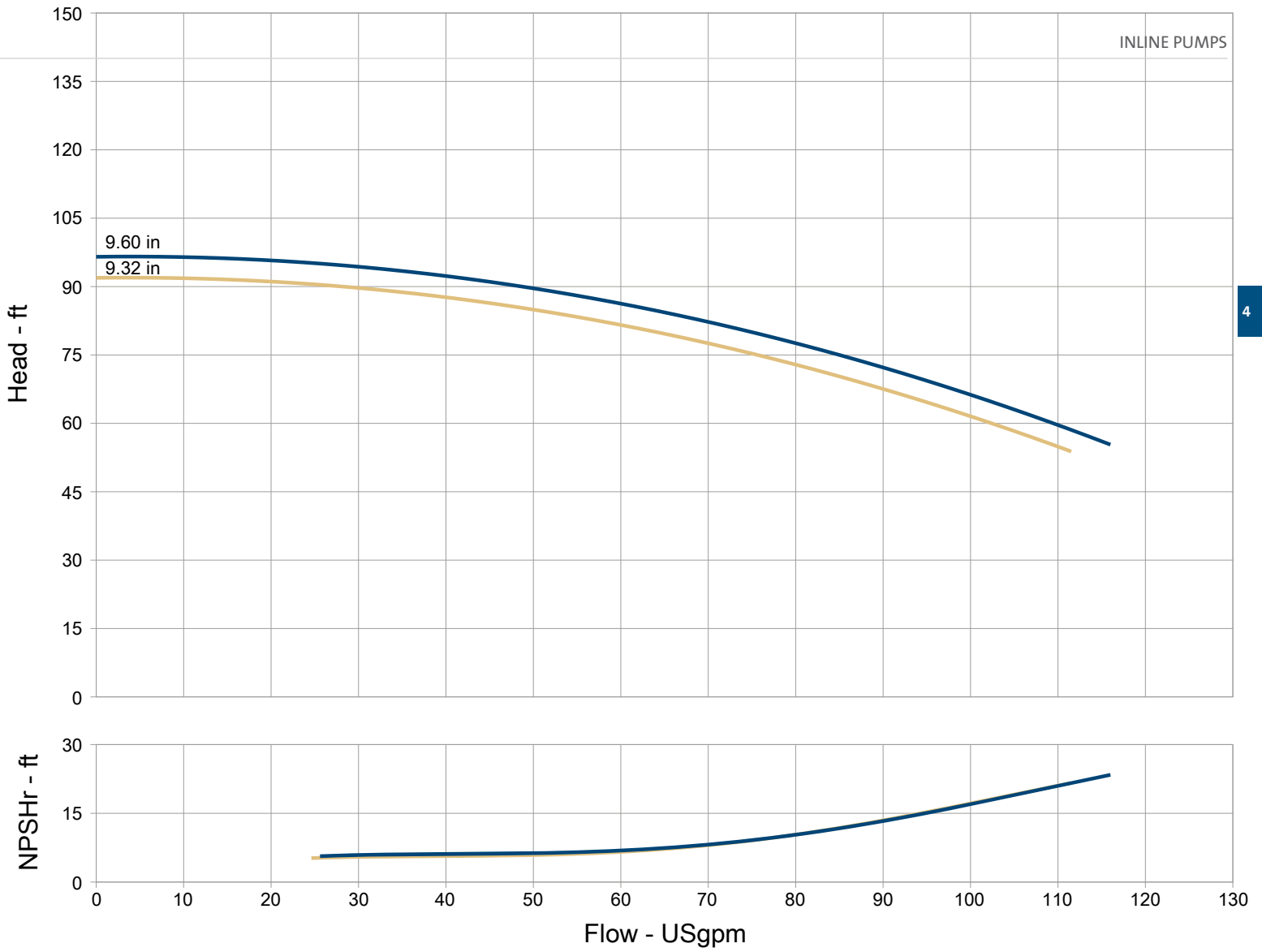


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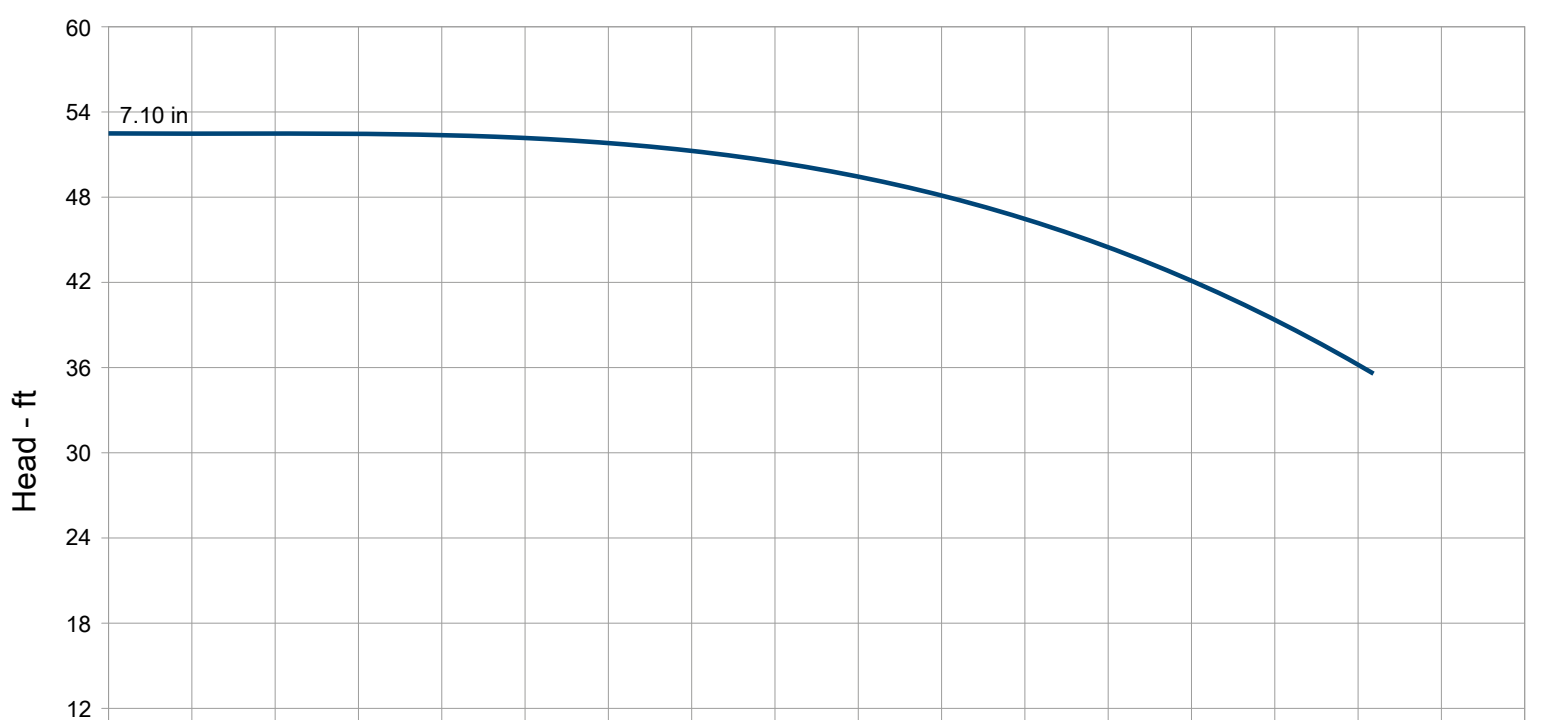
1095A VLS

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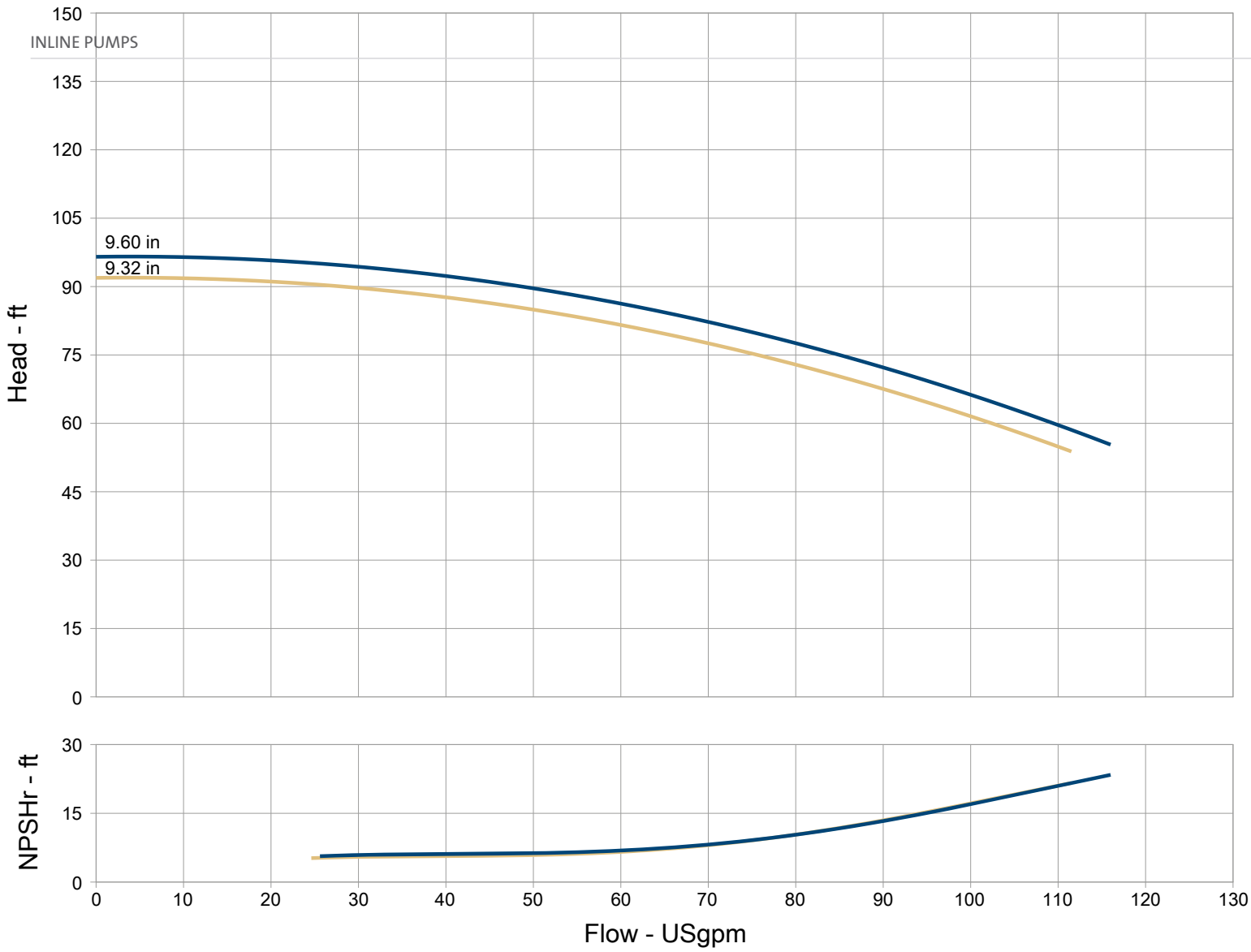


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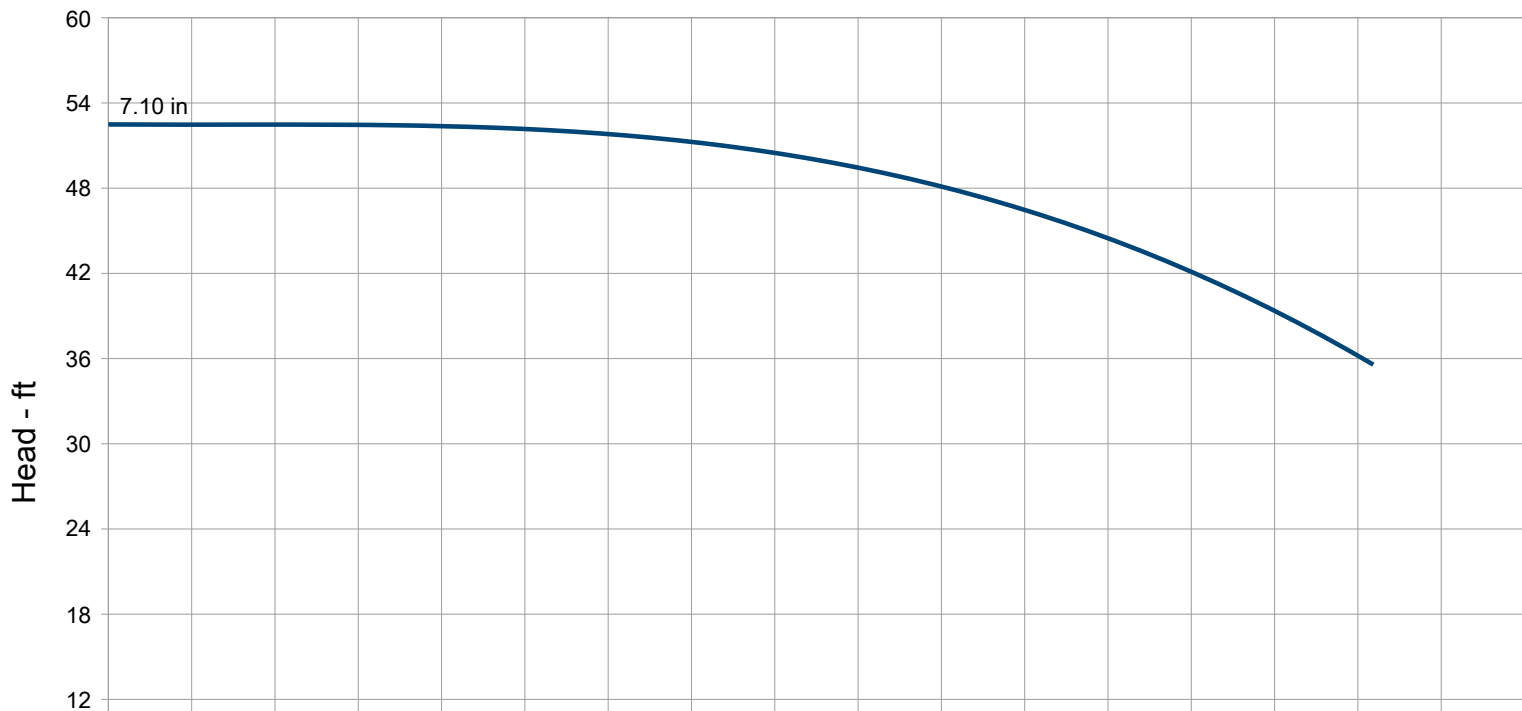
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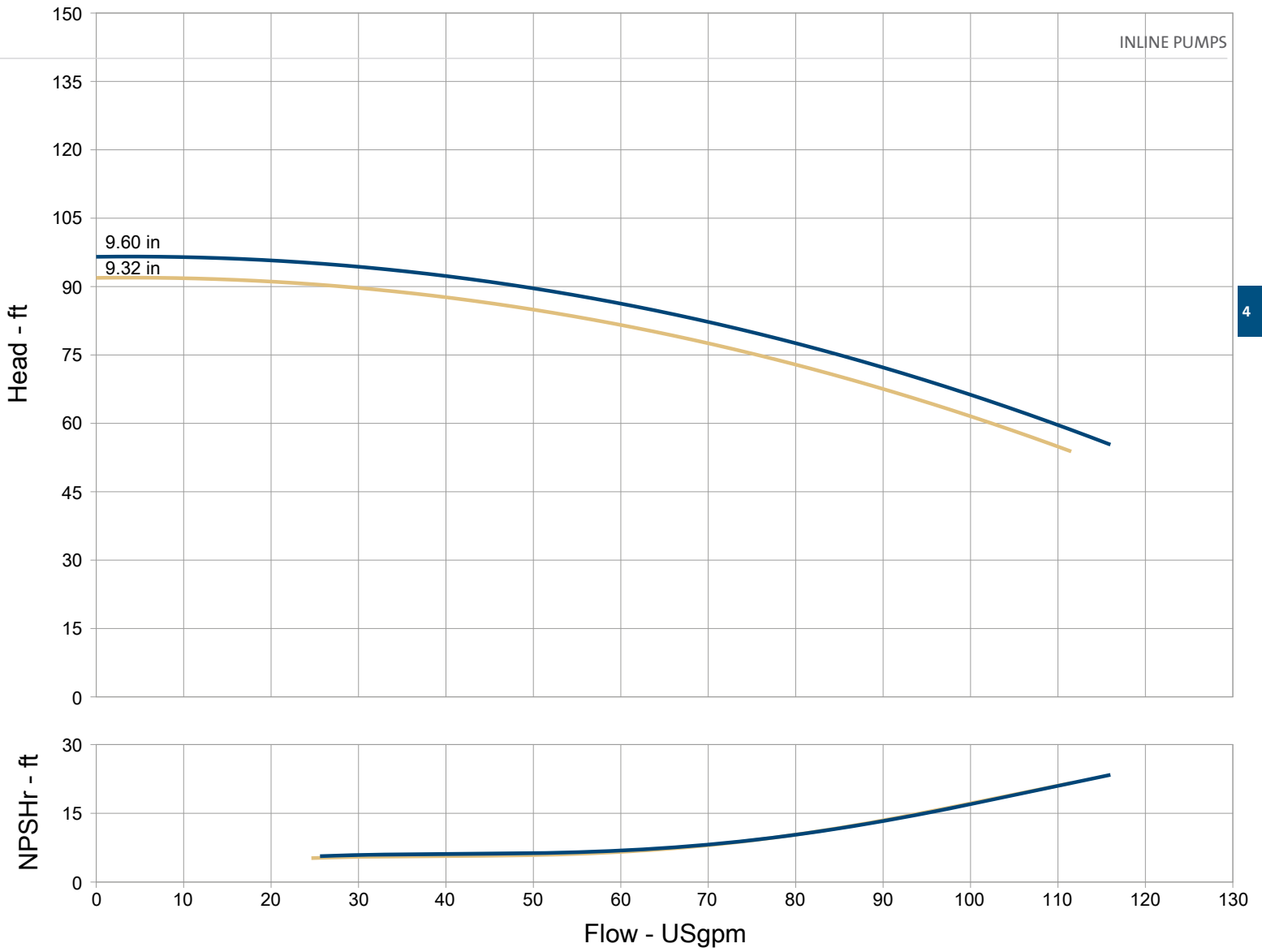


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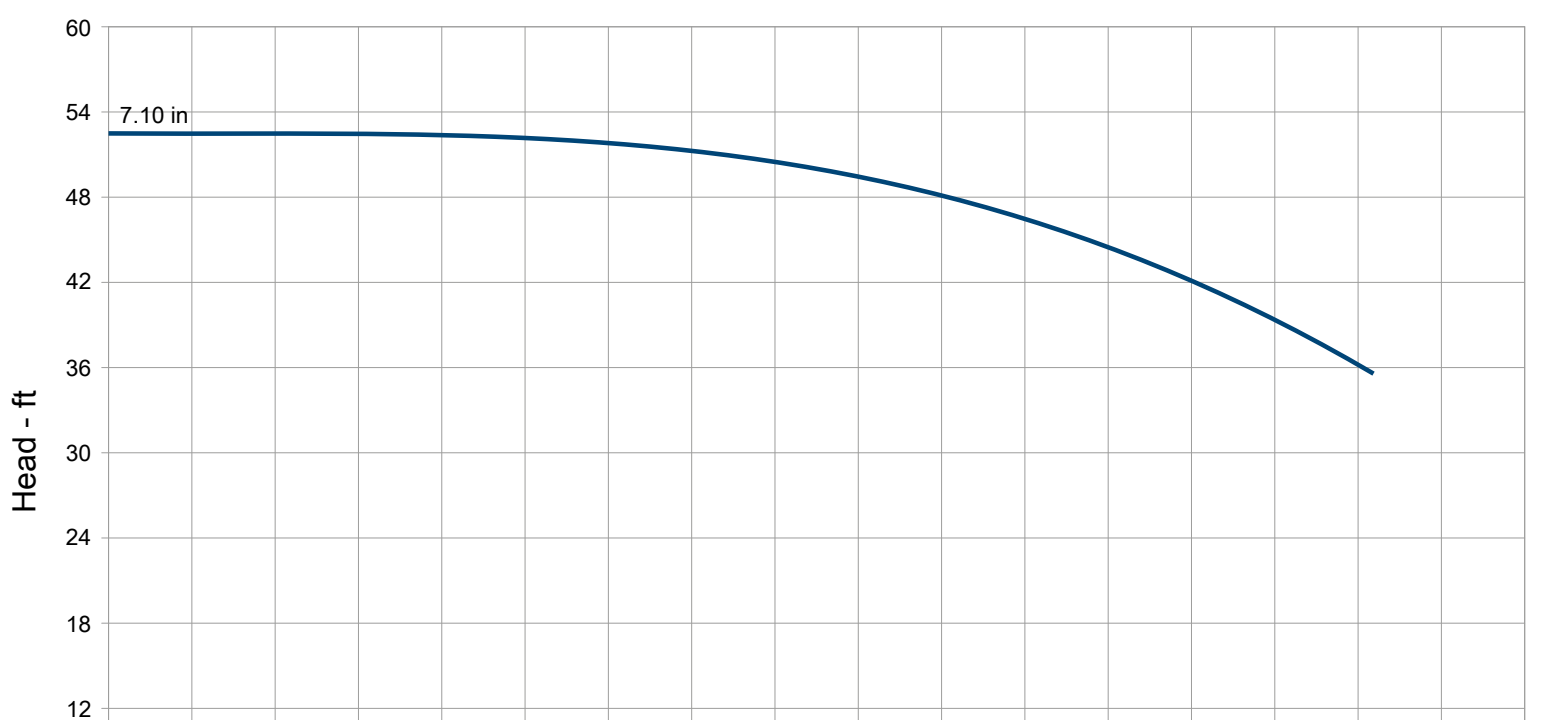
1095A VLS

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12707 VLS



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VLS: VERTICAL SPLIT COUPLED INLINE PUMP

The VLS vertical split coupled, inline pump has proven to be extremely versatile, often exceeding the requirements for a variety of market applications. Once fitted with a speed-control system, the VLS significantly cuts energy use and provides a pump payback in as little as one to two years.

Applications:

- Heating and Cooling
- District Energy

Flow, Q: max. 4100 gpm

Head, H: max. 420 ft

Liquid temperature: +10 °F to +275 °F

Maximum operating pressure: 175 psi (12 bar)

Supply voltage: 3 x 230/460V 60 Hz

Speed (4-pole): 1800 rpm (2- and 6-pole available on request)

Enclosure: TEFC

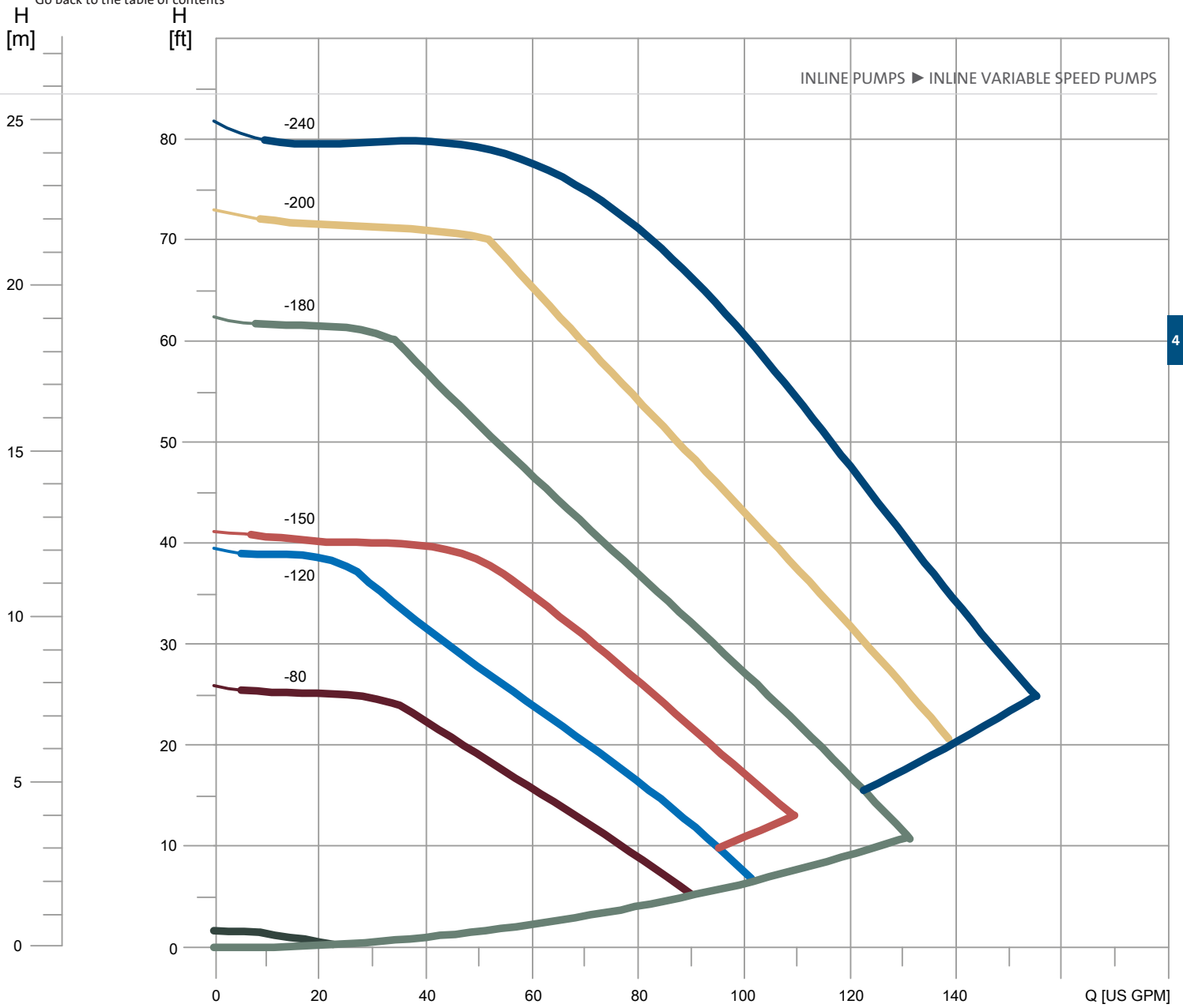
Pump Housing: Cast iron

Connections: ANSI Flanged (F)

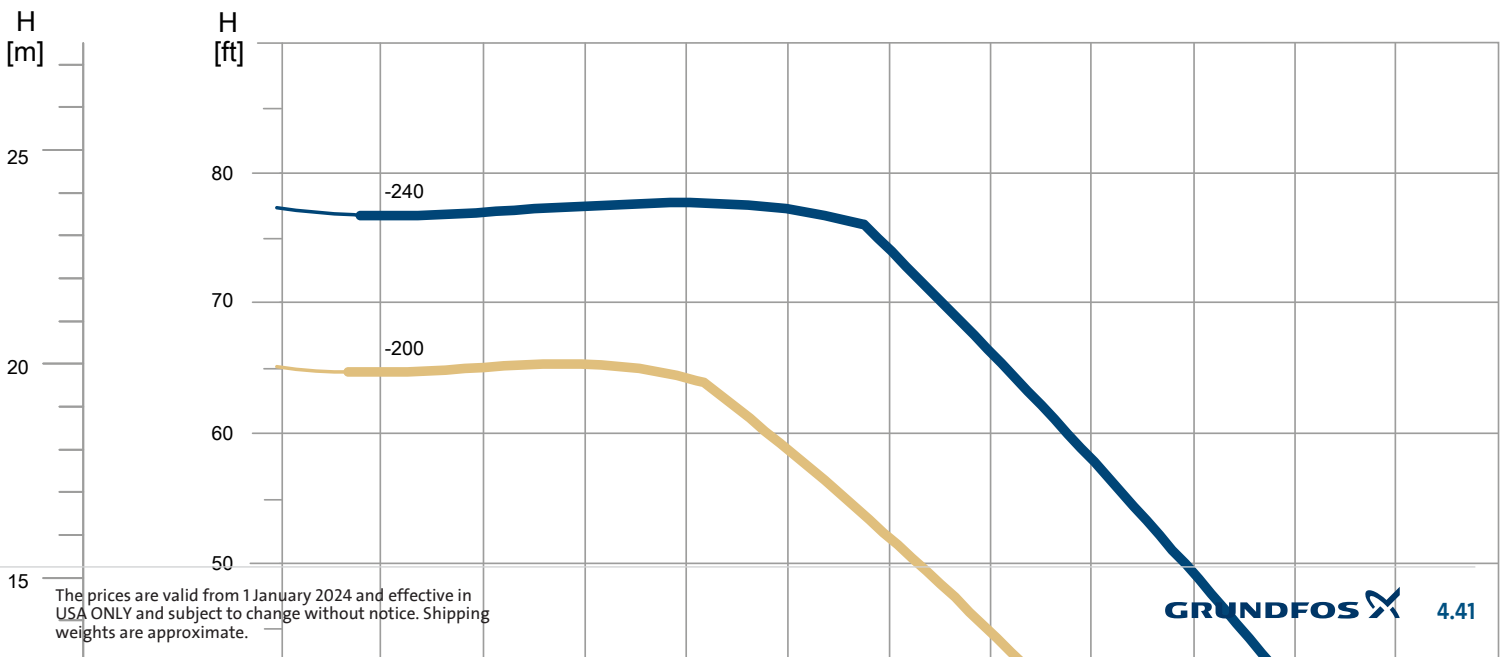


MPG CE

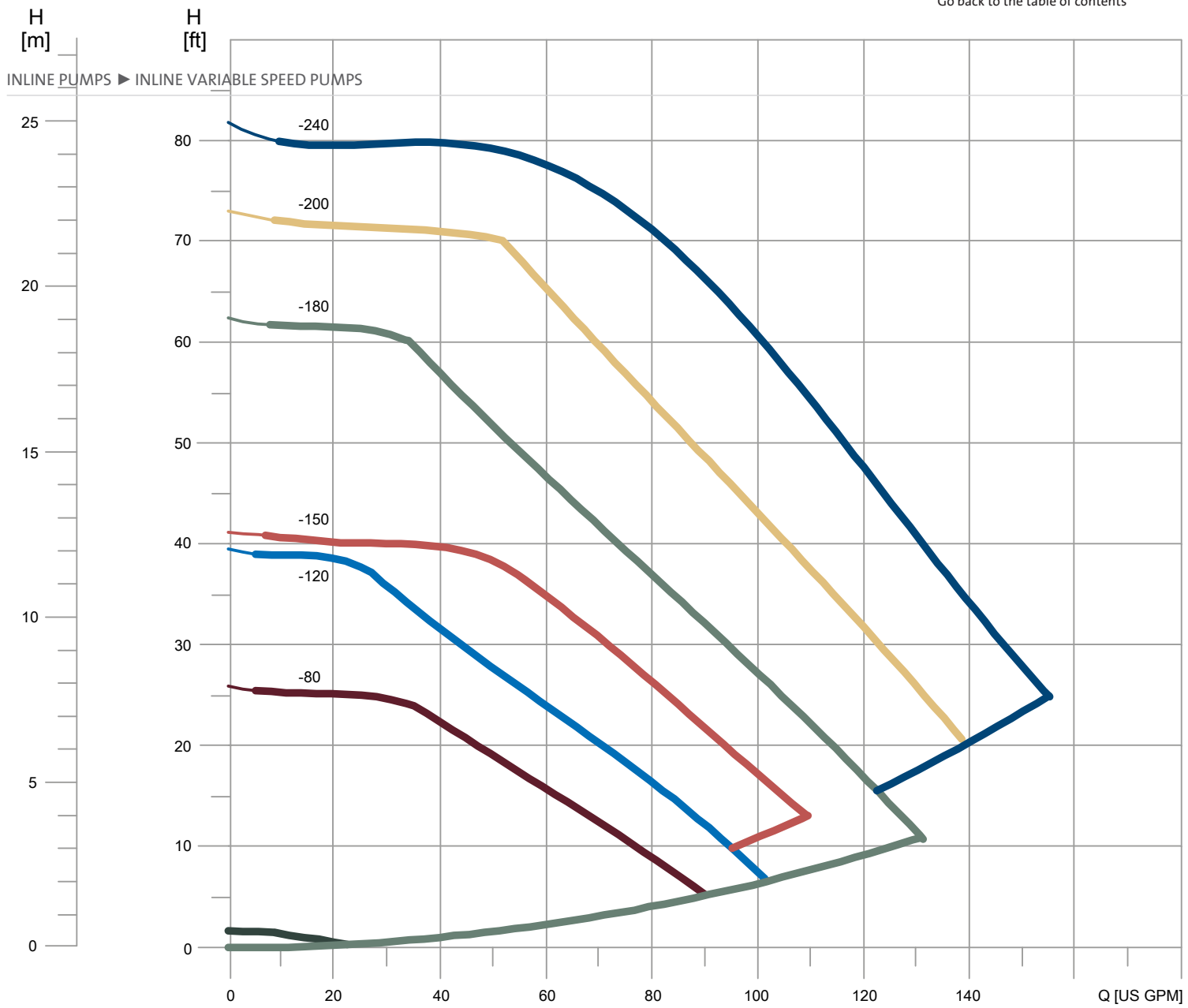
Model	Product name	RPM [min-1]	P2 [HP]	Shipping weight [lb]	Part Number	Price
2095A	17-2095A-130268-2622P BPR1C8SN01FT	1800	3.00	1089	99832088	6,212
12707	17-12707-130268-2622P BPR1C8SN01FT	1800	3.00	615	99832085	5,428
15709	17-15709-130268-2622P BPR1C8SN01FT	1800	3.00	641	99832086	5,745
20705	17-20705-130268-2622P BPR1C8SN01FT	1800	3.00	641	99832087	5,626
20955	17-20955-130268-2622P BPR1C8SN01FT	1800	3.00	1089	99832090	6,120
	17-20955-130268-2682P BPR1C8SN01FT	1800	5.00	1128	99832091	6,282
20959	17-20959-130268-2622P BPR1C8SN01FT	1800	3.00	1089	99832092	6,151
	17-20959-130268-2682P BPR1C8SN01FT	1800	5.00	1128	99832093	6,314
	17-20959-130268-2742P BPR1C8SN01FT	1800	7.50	1210	99832094	7,104
	17-25121-130268-2742P BPR1C8SN01FT	1800	7.50	943	99832101	7,909
25121	17-25121-130268-2782P BPR1C8SN01FT	1800	10.00	1020	99832102	8,304
	17-25121-130268-2822P BPR1C8SN01FT	1800	15.00	1219	99832103	9,124
25709	17-25709-130268-2622P BPR1C8SN01FT	1800	3.00	643	99832096	5,685
	17-25953-130268-2622P BPR1C8SN01FT	1800	3.00	1108	99832097	6,192
25953	17-25953-130268-2682P BPR1C8SN01FT	1800	5.00	1148	99832098	6,353
	17-25953-130268-2742P BPR1C8SN01FT	1800	7.50	1230	99832099	7,147
	17-30125-1A0268-2822P BPR1C8SN01FT	1800	15.00	1300	99832111	9,048
30125	17-30125-1A0268-2852P BPR1C8SN01FT	1800	20.00	1369	99832112	9,712
	17-30125-130268-2742P BPR1C8SN01FT	1800	7.50	1022	99832109	7,800
	17-30125-130268-2782P BPR1C8SN01FT	1800	10.00	1100	99832110	8,194
30707	17-30707-130268-2622P BPR1C8SN01FT	1800	3.00	729	99832104	5,958
	17-30707-130268-2682P BPR1C8SN01FT	1800	5.00	769	99832105	6,118
30957	17-30957-130268-1672P BPR3C8SN01AA	1800	5.00	998	92795389	O.R.
	17-30957-130268-2682P BPR1C8SN01FT	1800	5.00	1203	99832106	6,500
	17-30957-130268-2742P BPR1C8SN01FT	1800	7.50	1285	99832107	7,292
	17-30957-130268-2782P BPR1C8SN01FT	1800	10.00	1362	99832108	7,687
40129	17-40129-1A0268-2822P BPR1C8SN01FT	1800	15.00	1360	99832120	10,223
	17-40129-1A0268-2852P BPR1C8SN01FT	1800	20.00	1428	99832121	10,889
	17-40129-1A0268-2872P BPR1C8SN01FT	1800	25.00	1598	99832122	11,755
	17-40129-1A0268-2882P BPR1C8SN01FT	1800	30.00	1728	99832123	12,587
40159	17-40159-1A0268-2882P BPR1C8SN01FT	1800	30.00	2268	99832124	20,567
	17-40159-1A0268-2892P BPR1C8SN01FT	1800	40.00	2376	99832125	24,587
	17-40159-1A0268-2902P BPR1C8SN01FT	1800	50.00	2506	99832126	26,182
40707	17-40707-130268-2622P BPR1C8SN01FT	1800	3.00	793	99832113	6,118
	17-40707-130268-2682P BPR1C8SN01FT	1800	5.00	833	99832114	6,279



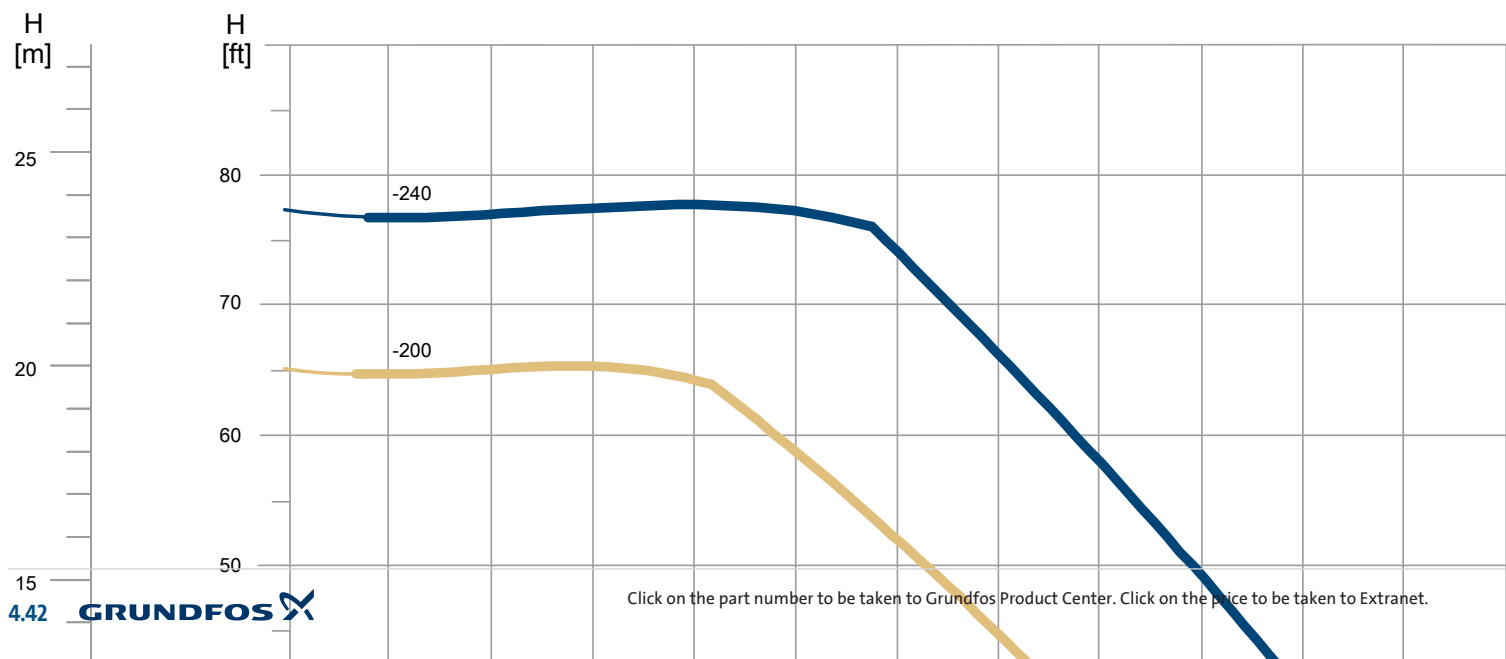
TPE3 50

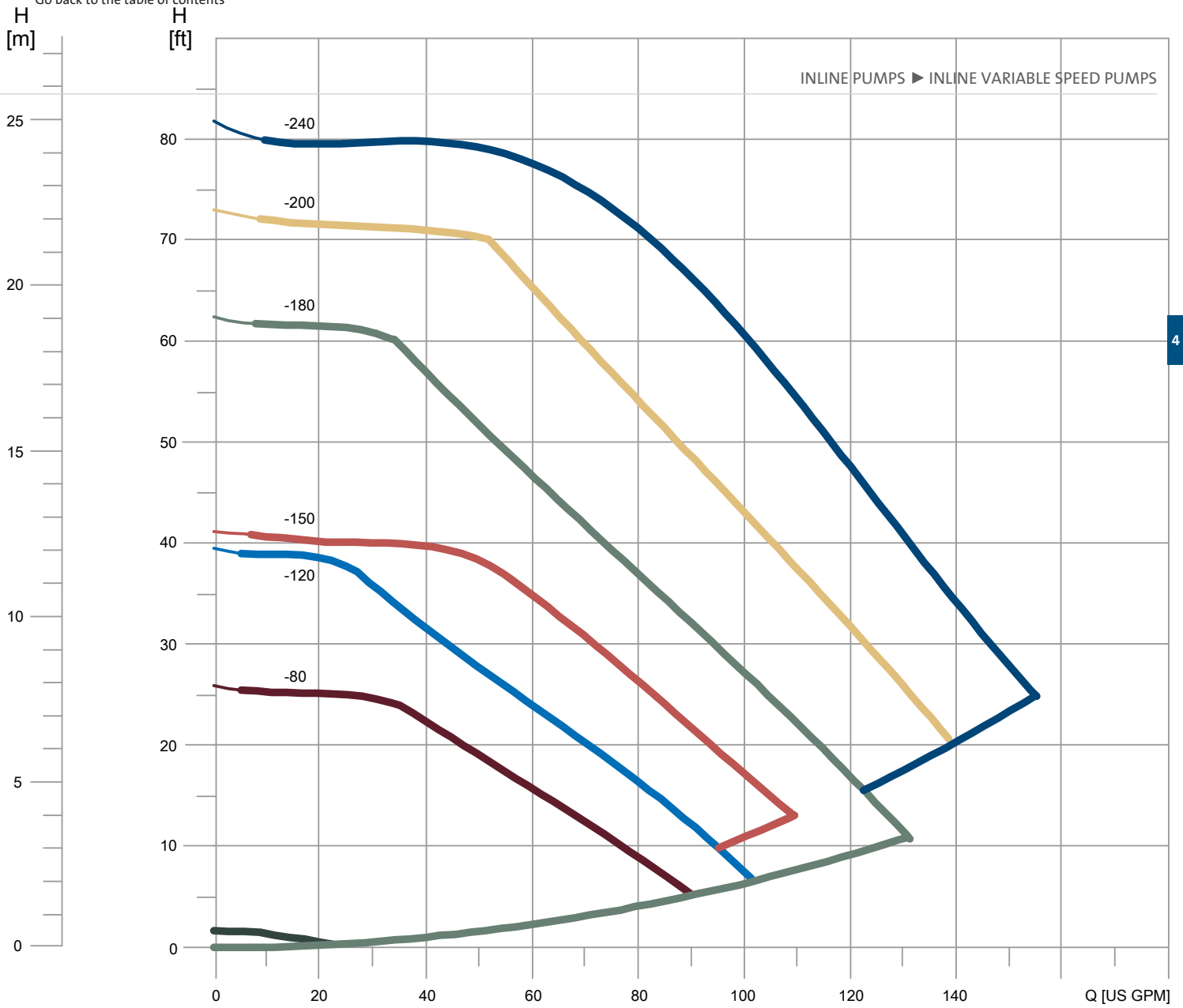


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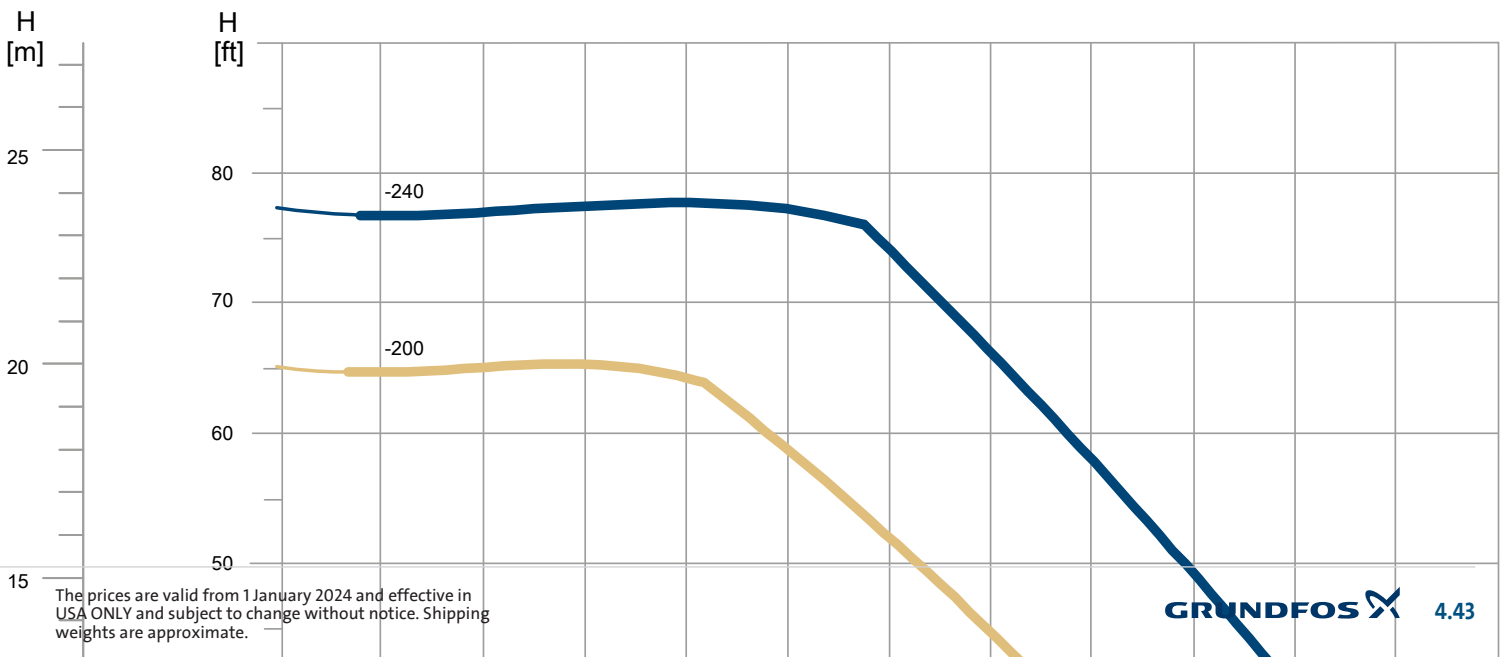


TPE3 50





TPE3 50



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TPE3 40

INLINE PUMPS ► INLINE VARIABLE SPEED PUMPS

TPE3 40: VARIABLE SPEED INLINE PUMP WITH SENSOR

The TPE3 series is a range of inline pumps with electronically speed-controlled motors with built-in differential-pressure sensor, designed for applications such as:

- Heating
- District heating
- Air-conditioning
- Cooling
- District cooling
- Water supply
- Industrial processes

The pumps are all single-stage, in-line centrifugal pumps with mechanical shaft seal. The pumps are of the close-coupled type, i.e. pump and motor are separate units.



Ambient temperature: 0°C to +40°C

Liquid temperature: Clean water / Glycol: -25°C to +120°C

Shaft seal: Clean water / Glycol: BQQE (Rubber bellows seal / Silicon carbide / Silicon carbide / EPDM) - Others on request.

Supply voltage: 3 x 380-500 Volt 50/60 Hz

Efficiency class: IE5

Enclosure class: IP55

Material: Cast iron Housing / Composite PES/PP 30% GF Impeller

Base Plate: Available on request - see table below

Remote control and monitoring: Fitted with Integrated VSD & DPS combined differential pressure & temperature sensor. Grundfos GO Remote with mobile interface for Android or iOS smartphone

Communication with BMS: CIM Modules :GENIbus, LonWorks, Profibus DP, Modbus RTU, BACnet MS/TP, GSM/GPRS (Building Management System)

Control modes: AUTOADAPT, FLOWADAPT, FLOWLIMIT, proportional pressure, differential temperature, constant pressure, constant temperature, constant curve, automatic night setback. NEW : Constant flow

Other function: Multi-pump function via wireless GENlair connection

NEW: Application Wizard allowing intuitive settings of the circulator from installation type

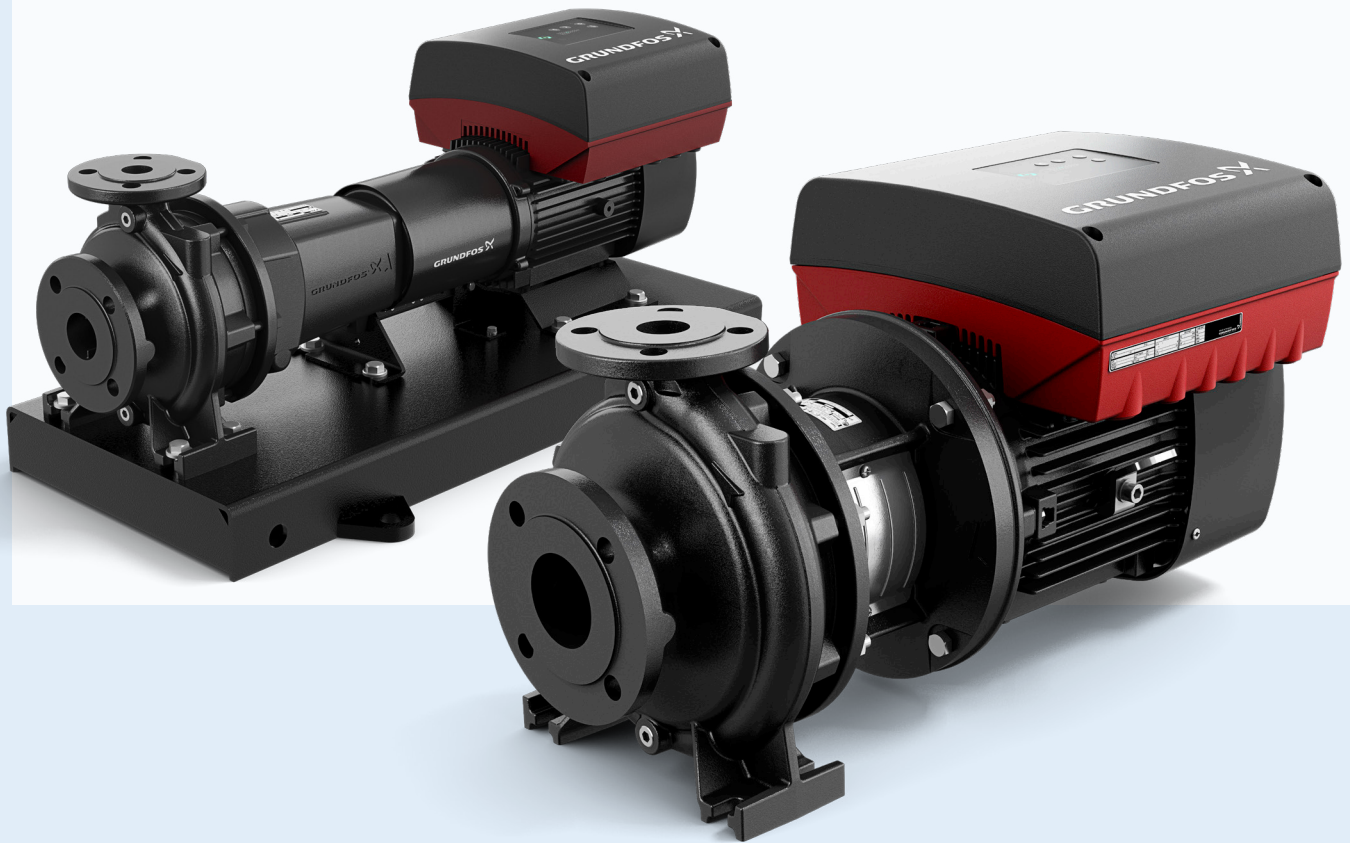
MPG CB

Inlet	Pump housing	P2 [HP]	Voltage	Shipping weight [lb]	Model	Part Number	Price	PEI
	Cast iron	0.33	1 x 200-240	72	TPE3 80-40	98819743	7,776	
	Cast iron	0.33	3 x 440-480	47	TPE3 40-80	98819536	5,429	
	Cast iron	0.33	3 x 440-480	76	TPE3 80-40	98819748	8,099	
	Cast iron	0.50	3 x 440-480	47	TPE3 40-120	98819537	5,999	
	Cast iron	0.75	1 x 200-240	43	TPE3 40-150	98819501	5,905	
	Cast iron	1.00	1 x 200-240	43	TPE3 40-180	98819502	8,017	
	Cast iron	1.00	1 x 200-240	113	TPE3 D 65-120	98819796	15,655	0.39
	Cast iron	1.00	3 x 440-480	47	TPE3 40-180	98819539	8,364	
	Cast iron	1.50	1 x 200-240	43	TPE3 40-200	98819503	8,303	
	Cast iron	1.50	3 x 200-240	49	TPE3 40-150	99836276	6,268	
	Cast iron	1.50	3 x 200-240	124	TPE3 D 65-150	99849240	16,805	0.36
	Cast iron	1.50	3 x 440-480	65	TPE3 65-150	98819712	9,939	0.39
	Cast iron	1.50	3 x 440-480	77	TPE3 80-120	98819749	9,964	0.42
	Cast iron	1.50	3 x 440-480	124	TPE3 D 65-150	98819849	16,805	0.39
	Cast iron	2.00	1 x 200-240	47	TPE3 40-240	98819504	8,936	
	Cast iron	2.00	1 x 200-240	58	TPE3 50-200	98819595	8,865	
	Cast iron	2.00	1 x 200-240	141	TPE3 D 80-150	98819801	17,772	0.42
	Cast iron	2.00	3 x 200-240	81	TPE3 80-150	99836280	10,509	0.40
	Cast iron	2.00	3 x 440-480	51	TPE3 40-240	98819541	9,223	

Continuation

Inlet	Pump housing	P2 [HP]	Voltage	Shipping weight [lb]	Model	Part Number	Price	PEI
	Cast iron	2.00	3 x 440-480	62	TPE3 50-200	98819630	9,150	
	Cast iron	2.00	3 x 440-480	81	TPE3 80-150	98819750	10,509	0.42
	Cast iron	3.00	3 x 200-240	105	TPE3 80-180	99836281	11,271	0.36
	Cast iron	3.00	3 x 200-240	195	TPE3 D 80-180	99849733	19,646	0.36
	Cast iron	3.00	3 x 440-480	63	TPE3 50-240	98819631	9,732	
	Cast iron	3.00	3 x 440-480	84	TPE3 80-180	98819751	11,271	0.38
	Cast iron	3.00	3 x 440-480	154	TPE3 D 80-180	98819855	19,646	0.38
	Stainless steel	0.33	3 x 440-480	47	TPE3 40-80	98819564	8,084	
	Stainless steel	0.50	1 x 200-240	55	TPE3 50-80	98819610	10,359	
	Stainless steel	0.50	3 x 440-480	58	TPE3 50-80	98819647	10,788	
	Stainless steel	0.75	1 x 200-240	44	TPE3 40-150	98819520	9,116	
	Stainless steel	1.00	1 x 200-240	61	TPE3 65-120	98819696	14,323	0.39
	Stainless steel	1.50	3 x 200-240	66	TPE3 65-150	99884116	15,317	0.36
	Stainless steel	1.50	3 x 200-240	81	TPE3 80-110	99884117	15,333	0.40

END SUCTION PUMPS



NBS: SPLIT-COUPLED END-SUCTION PUMP WITH LIFETIME ALIGNMENT

The Grundfos NBS / NBSE offer efficiencies that future-proof them against government efficiency regulations.

The NBS is designed to bring faster installation, greater efficiency, and reliability, along with easier serviceability throughout the pump's life. With up to a 35% smaller footprint, Lifetime Alignment Guarantee, back-pull-out design, and a new and revolutionary hard-faced seal designed to improve reliability and reduce service costs.

The NBSE offers all of the above, plus an integrated permanent magnet motor, drive and controls. They allow for dynamic and intelligent solutions to many commercial building and industrial applications. With a selection of forty-one sizes available, the NBSE provides all the benefits of an NBS pump, enhanced by a high-efficiency permanent magnet motor and variable frequency drive, manufactured by Grundfos. The Grundfos MLE permanent magnet motor with integrated variable frequency drive exceeds IE5 efficiency levels set by the International Electrotechnical Commission (IEC), currently the highest efficiency worldwide for electrical motors. NEMA Premium Efficient motors are equivalent to IE3, meaning these MLE motors are two levels above NEMA Premium Efficiency. The combined motor and VFD efficiency is higher than a NEMA Premium motor alone.



4



Applications:

- Heating and cooling
- Hot water systems
- Chilled water systems
- District heating/cooling
- Water Utility
- Process water and light industrial

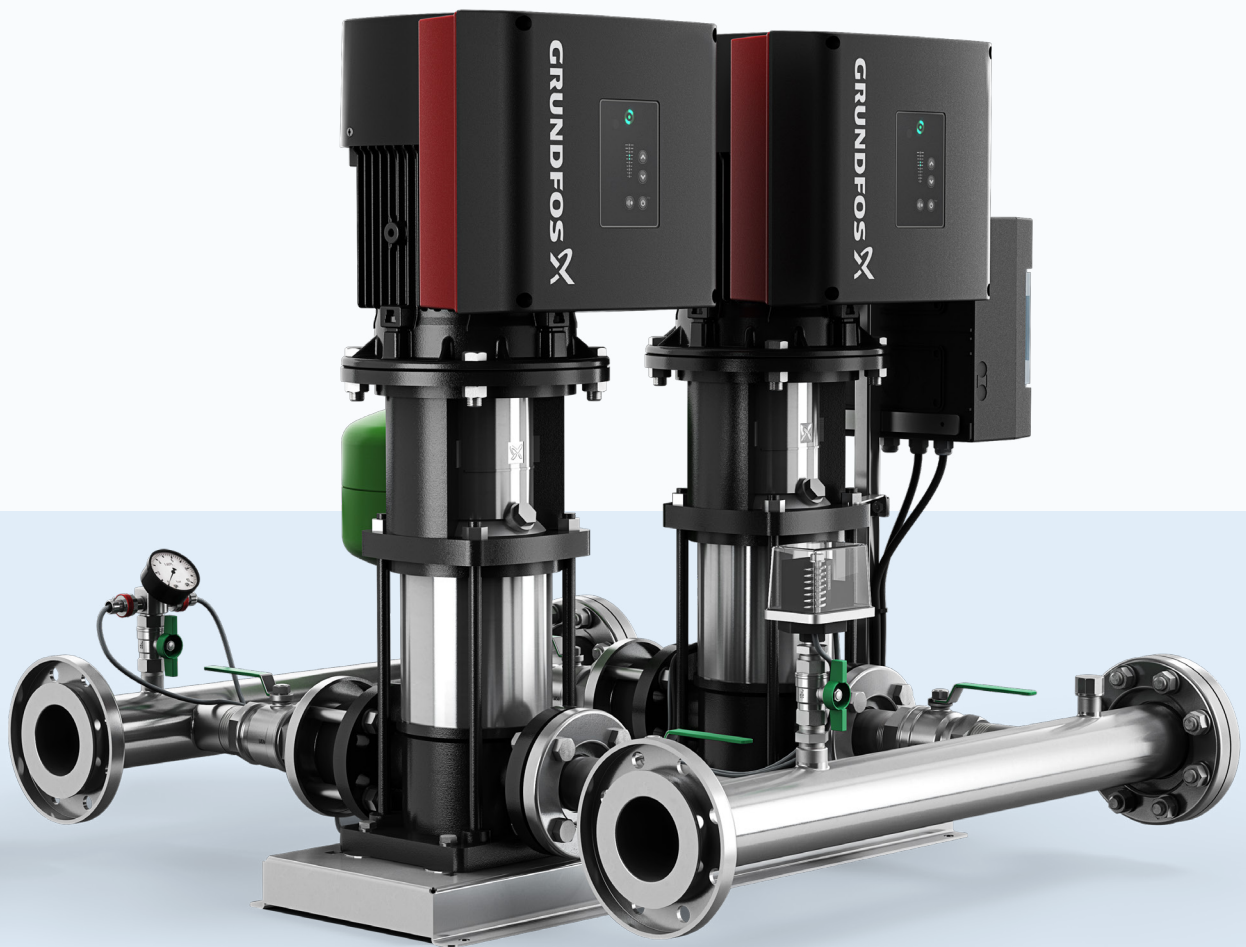
MPG CD

Discharge [inch]	Inlet	Model	Impeller diameter	P2 [HP]	Shipping weight [lb]	PEI	Part Number	Price
2	2 1/2	NBS 020-095/9.45	9.45	7.50	274	0.93	92673089	6,834
	2 1/2	NBS 020-110/9.92	9.92	10.00	288	0.89	92673090	7,119
	2 1/2	NBSE 020-095/9.45	9.45	7.50	272	0.39	92613468	12,418
3	4	NBS 030-095/6.73	6.73	7.50	360	0.92	92726378	7,235
	4	NBS 030-095/6.73	6.73	7.50	488	0.92	92666129	O.R.
	4	NBS 030-095/8.86	8.86	15.00	421	0.92	92673094	8,202
	4	NBS 030-135/10.63	10.63	25.00	661	0.91	92673097	11,967
	4	NBS 030-135/10.63	10.63	25.00	762	0.91	92726382	12,763
	4	NBS 030-135/11.26	11.26	30.00	703	0.91	92673098	12,484
	4	NBS 030-135/11.26	11.26	30.00	750	0.91	92726383	13,411
	4	NBS 030-110/9.76-9.45	9.61	15.00	460	0.90	92727295	9,132
	4	NBS 030-110/9.76-9.45	9.61	15.00	516	0.90	92691252	9,532
	4	NBS 030-110/1094-1063	10.79	20.00	497	0.90	92673095	9,271
4	4	NBSE 030-070/5.87	5.87	15.00	294	0.42	92570455	15,785
	4	NBSE 030-095/8.27	8.27	7.50	325	0.42	92613473	12,517
	4	NBSE 030-095/8.86	8.86	10.00	336	0.41	92613474	14,319
	5	NBS 040-095/8.35	8.35	15.00	450	0.94	92666102	9,375
	5	NBS 040-095/8.35	8.35	15.00	506	0.94	92726400	9,774
	5	NBS 040-095/9.37	9.37	20.00	487	0.94	92673096	9,728
5	5	NBS 040-095/9.37	9.37	20.00	535	0.94	92726401	10,327
	5	NBS 040-110/9.45	9.45	25.00	632	0.93	92710502	10,909
	5	NBS 040-110/10.08	10.08	30.00	674	0.93	92710503	11,466
	6	NBSE 050-070/6.93	6.93	7.50	309	0.43	92613433	12,700
11/2	2 1/2	NBS 015-095/8.82	8.82	5.00	239	0.83	92673088	6,180
	2 1/2	NBS 015-095/8.82	8.82	5.00	245	0.83	92726360	6,471
	2 1/2	NBSE 015-070/5.04	5.04	7.50	235	0.47	92617405	11,707
	2 1/2	NBSE 015-070/6.93	6.93	3.00	193	0.44	92570651	8,466
	2 1/2	NBSE 015-095/8.82	8.82	5.00	231	0.40	92613464	10,902
11/4	2 1/2	NBSE 015-095/9.84	9.84	7.50	267	0.40	92613465	12,387
	2	NBSE 012-070/6.10	6.10	7.50	229	0.43	92617404	11,572

Continuation

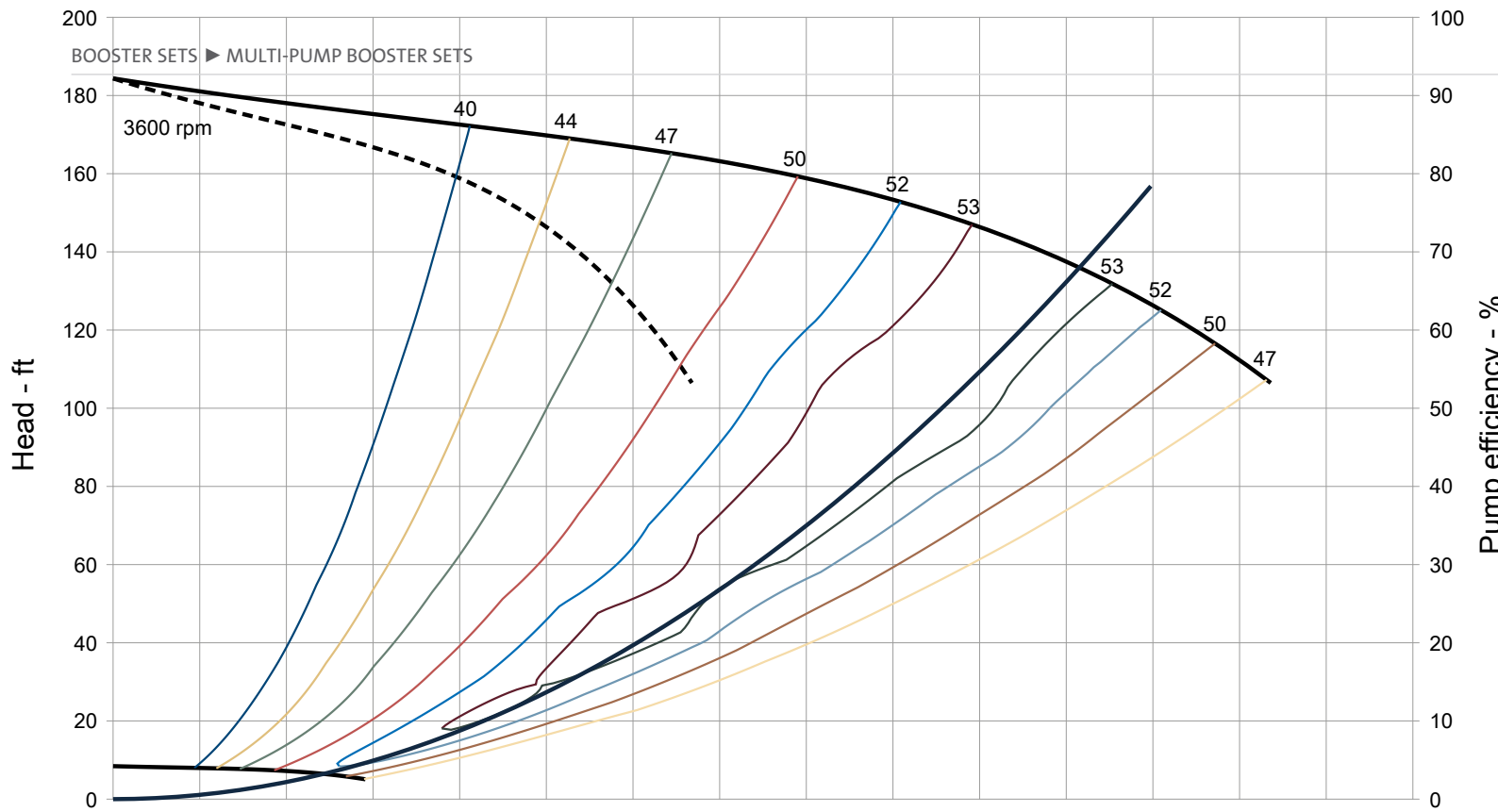
Discharge [inch]	Inlet	Model	Impeller diameter	P2 [HP]	Shipping weight [lb]	PEI	Part Number	Price
2 1/2	3	NBS 025-095/8.43	8.43	7.50	302	0.90	92666111	6,867

BOOSTER SETS

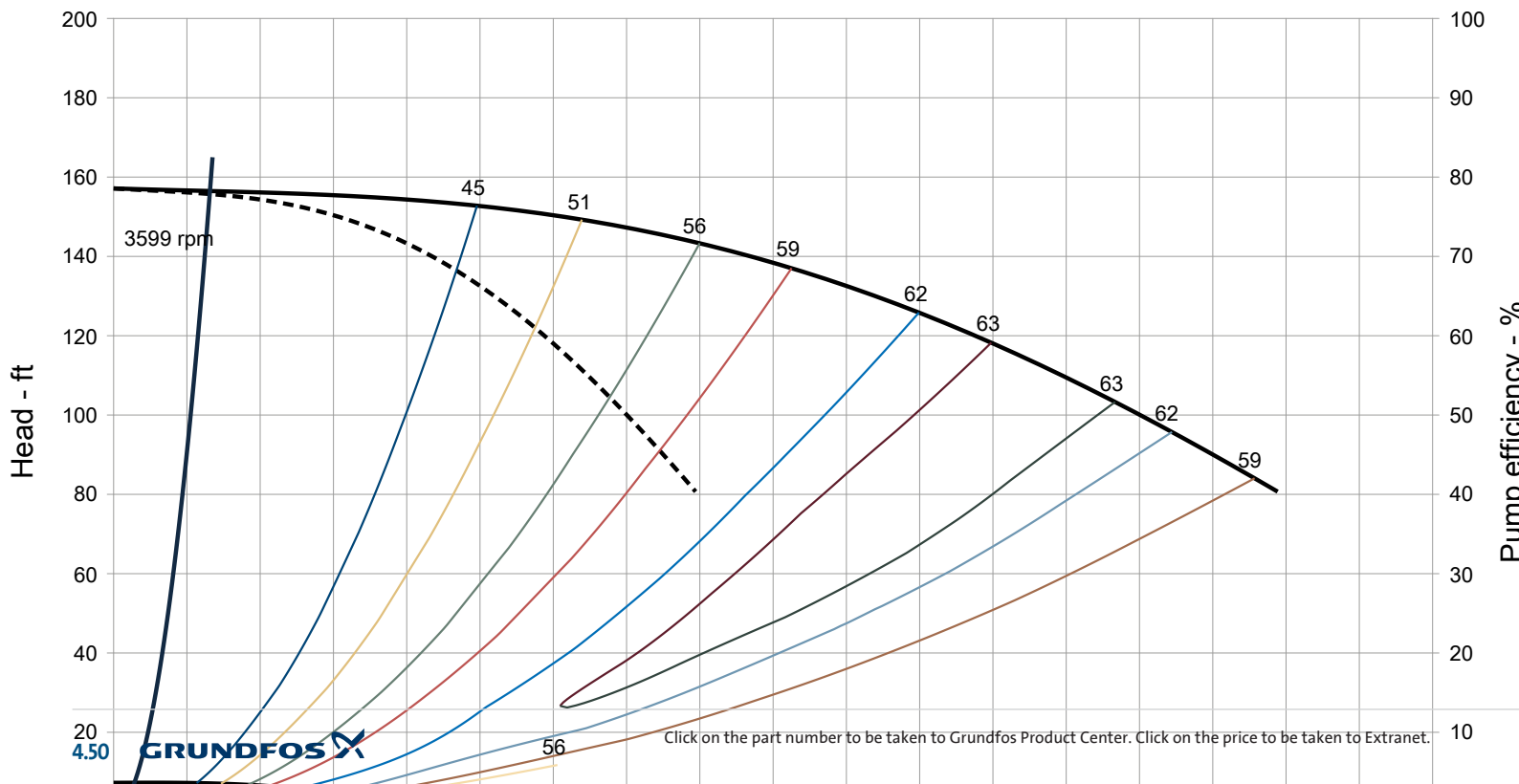


Hydro MPC 2CME 3-4 3x460V 60Hz

[Go back to the table of contents](#)

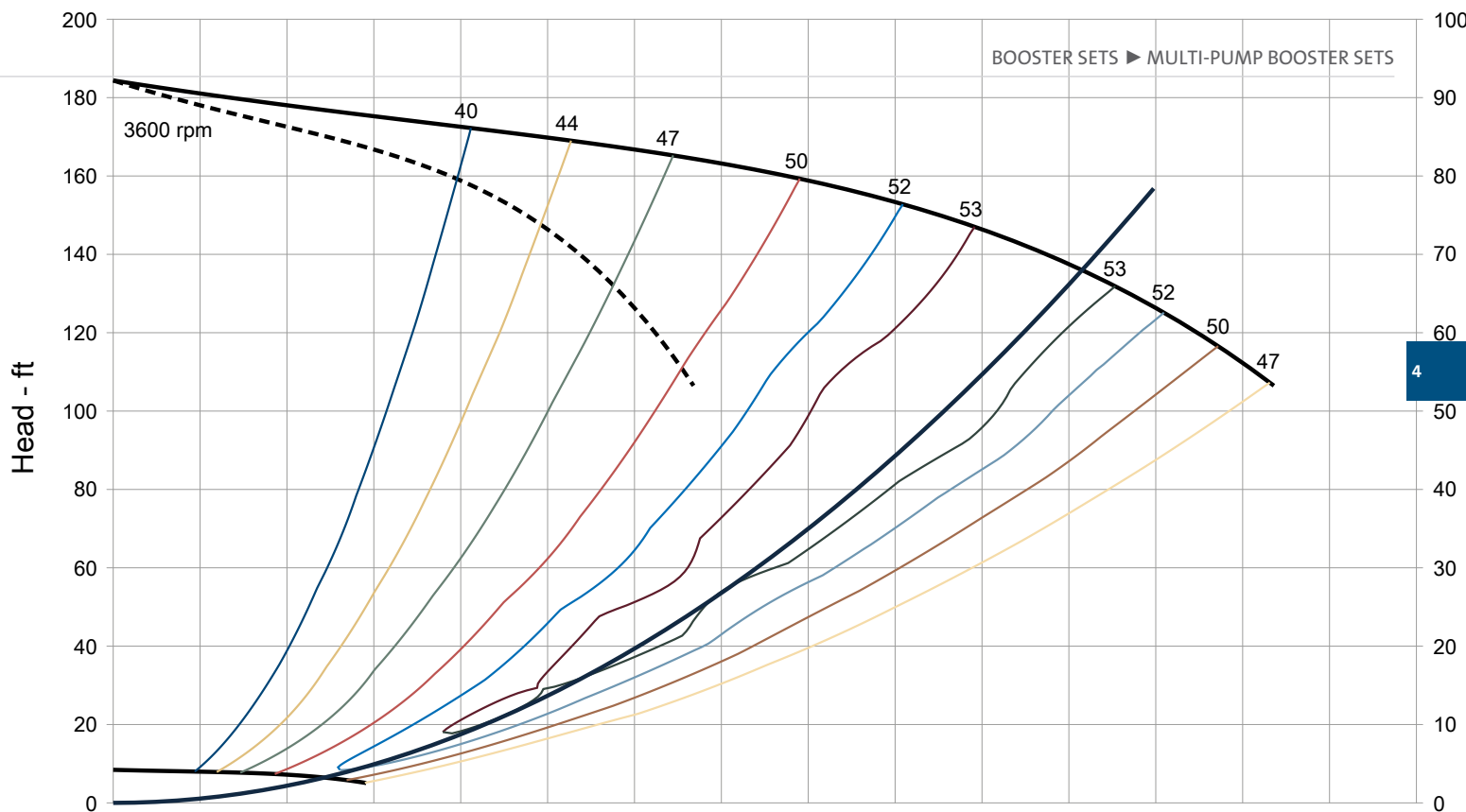


Hydro MPC 2CME 10-2 3x460V 60Hz

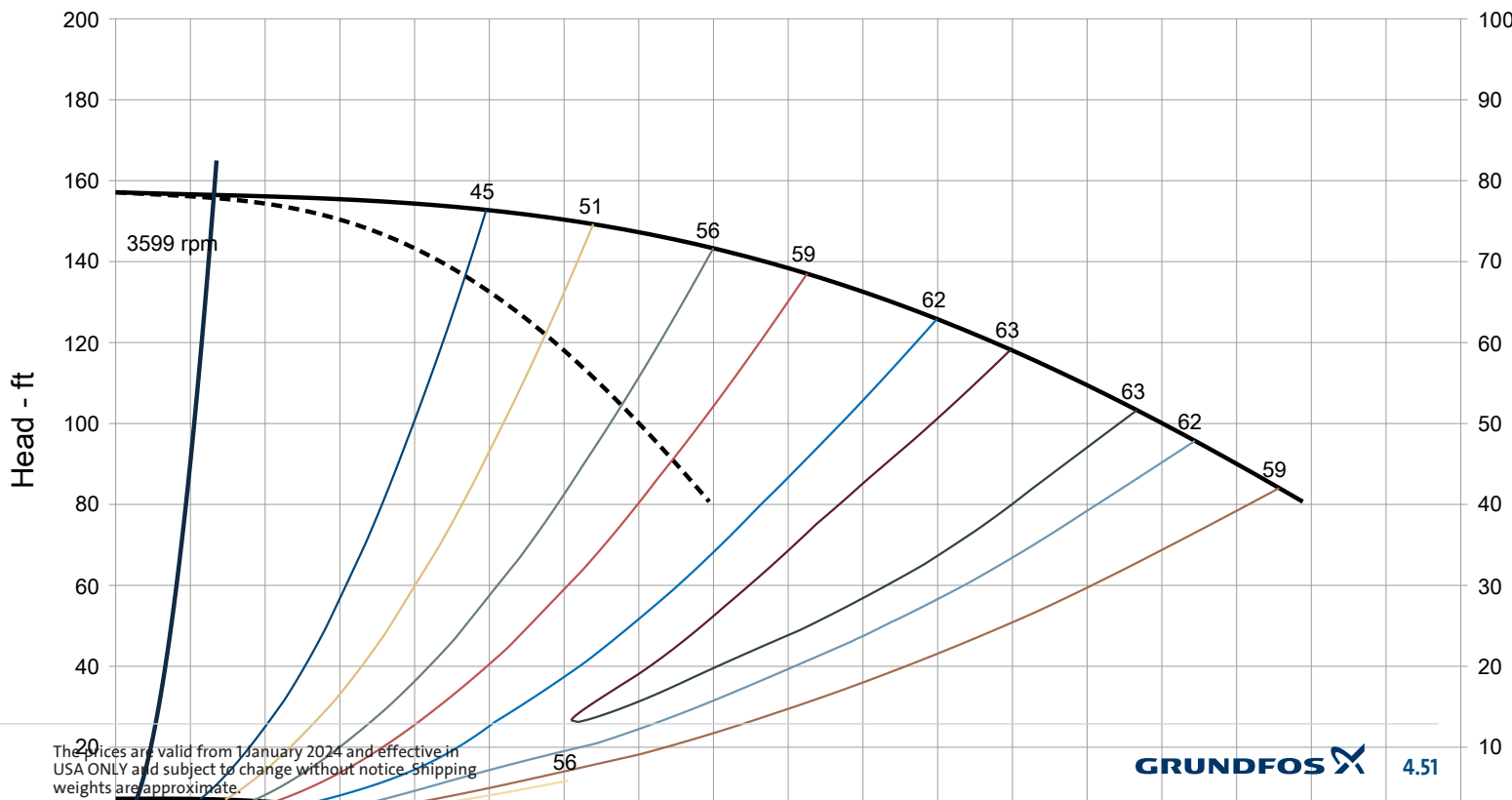


Hydro MPC 2CME 5-4 3x460V 60Hz

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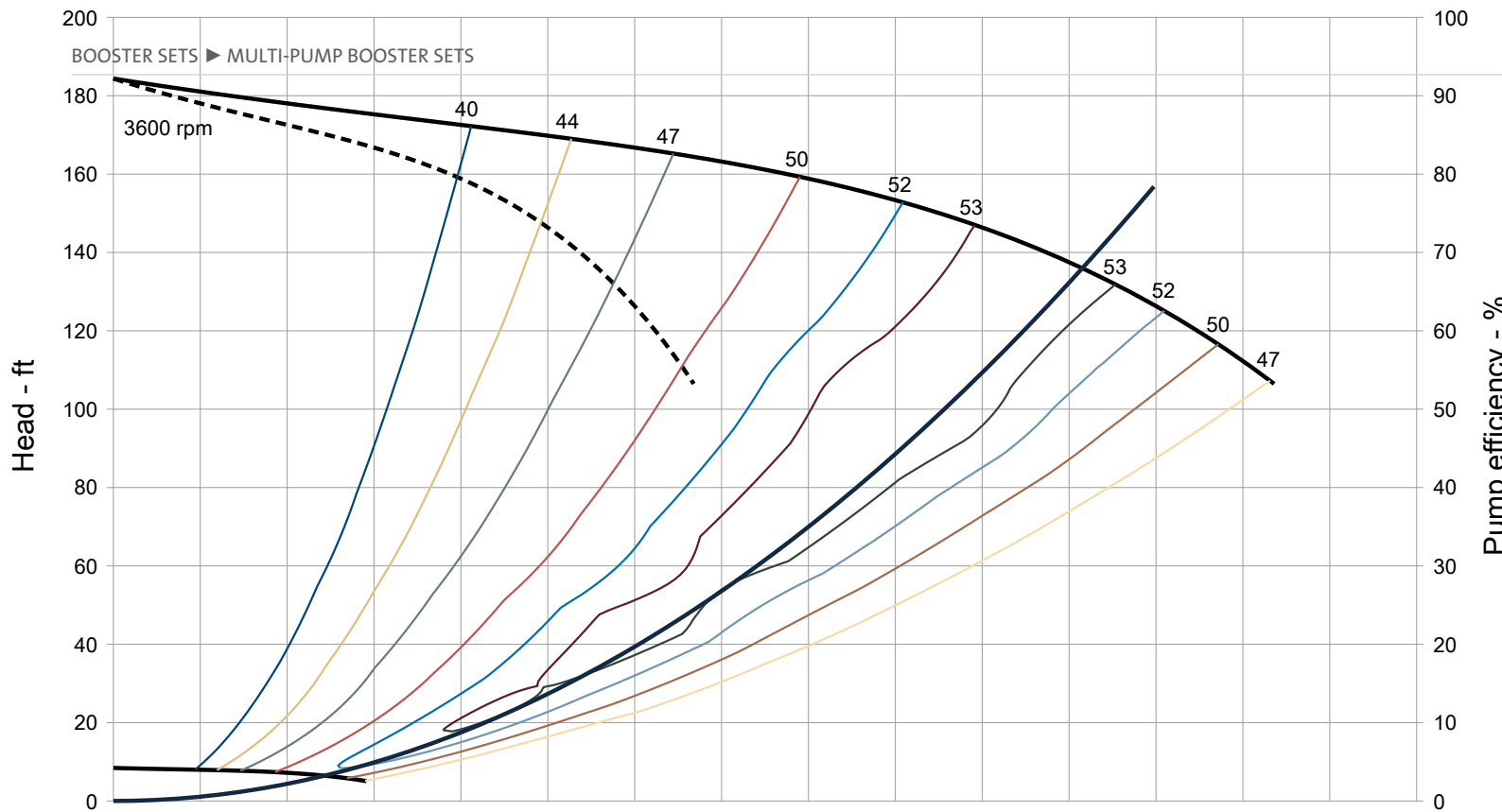
Hydro MPC 2CME 10-2 3x460V 60Hz



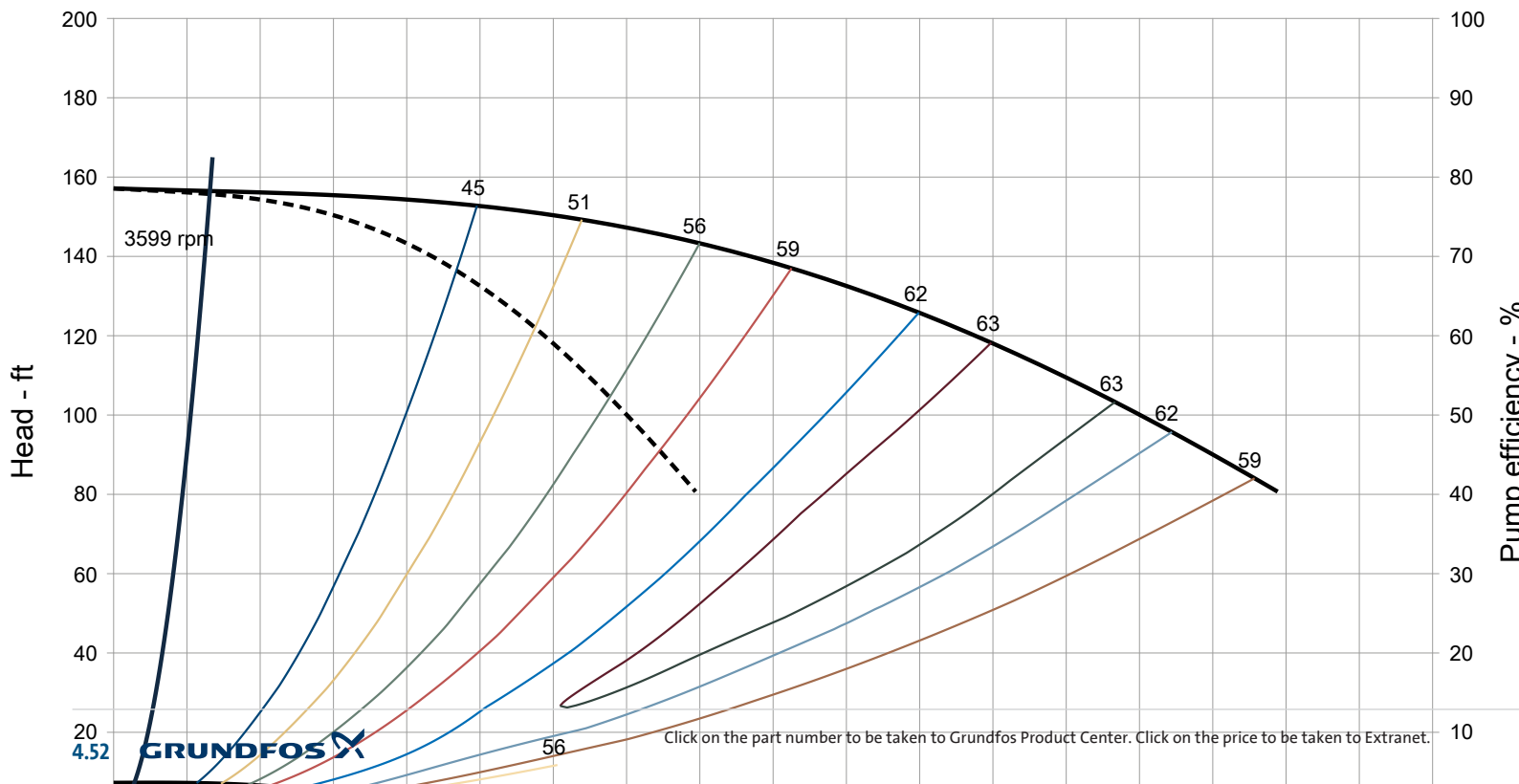
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Hydro MPC 2CME 3-4 3x460V 60Hz

[Go back to the table of contents](#)

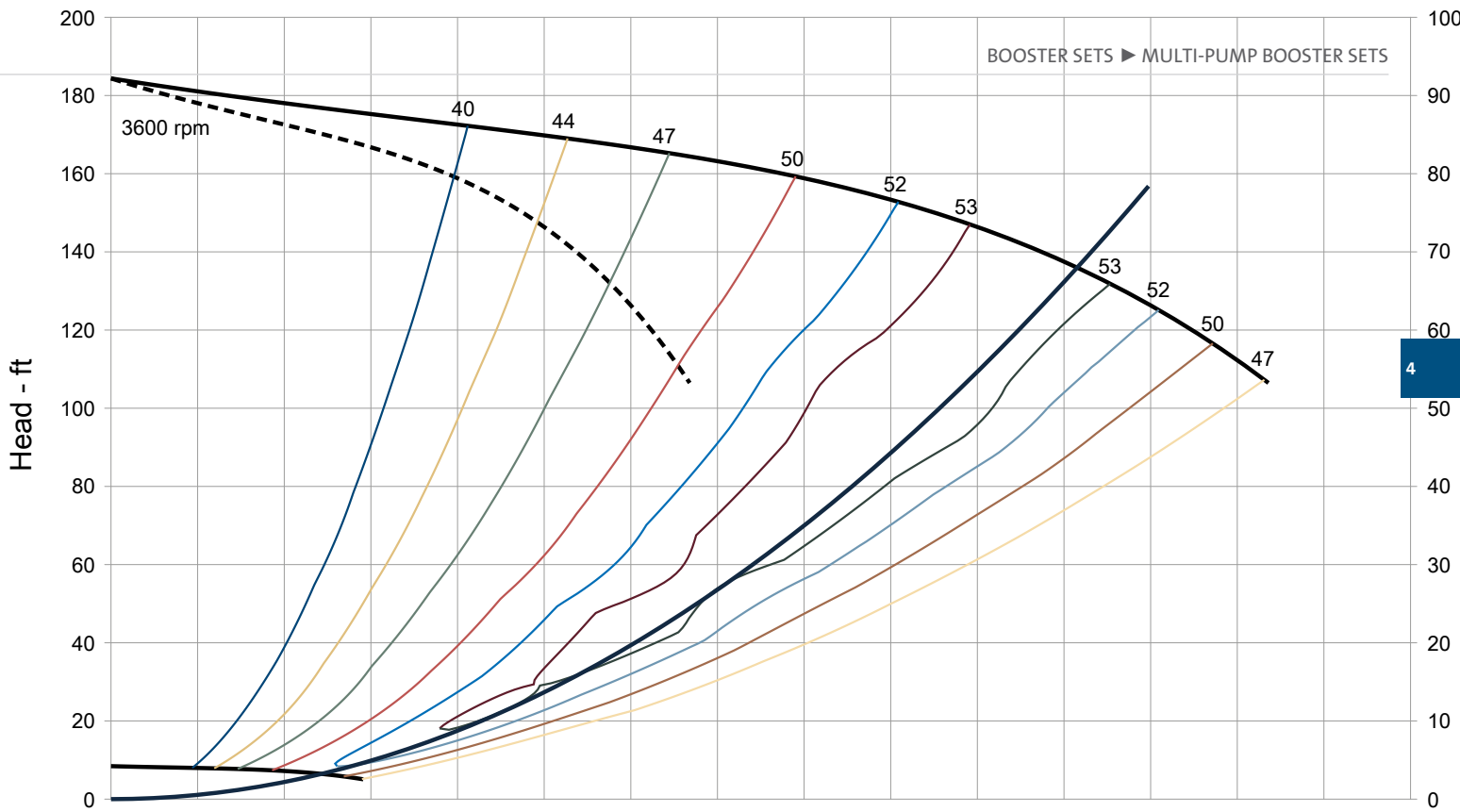


Hydro MPC 2CME 10-2 3x460V 60Hz

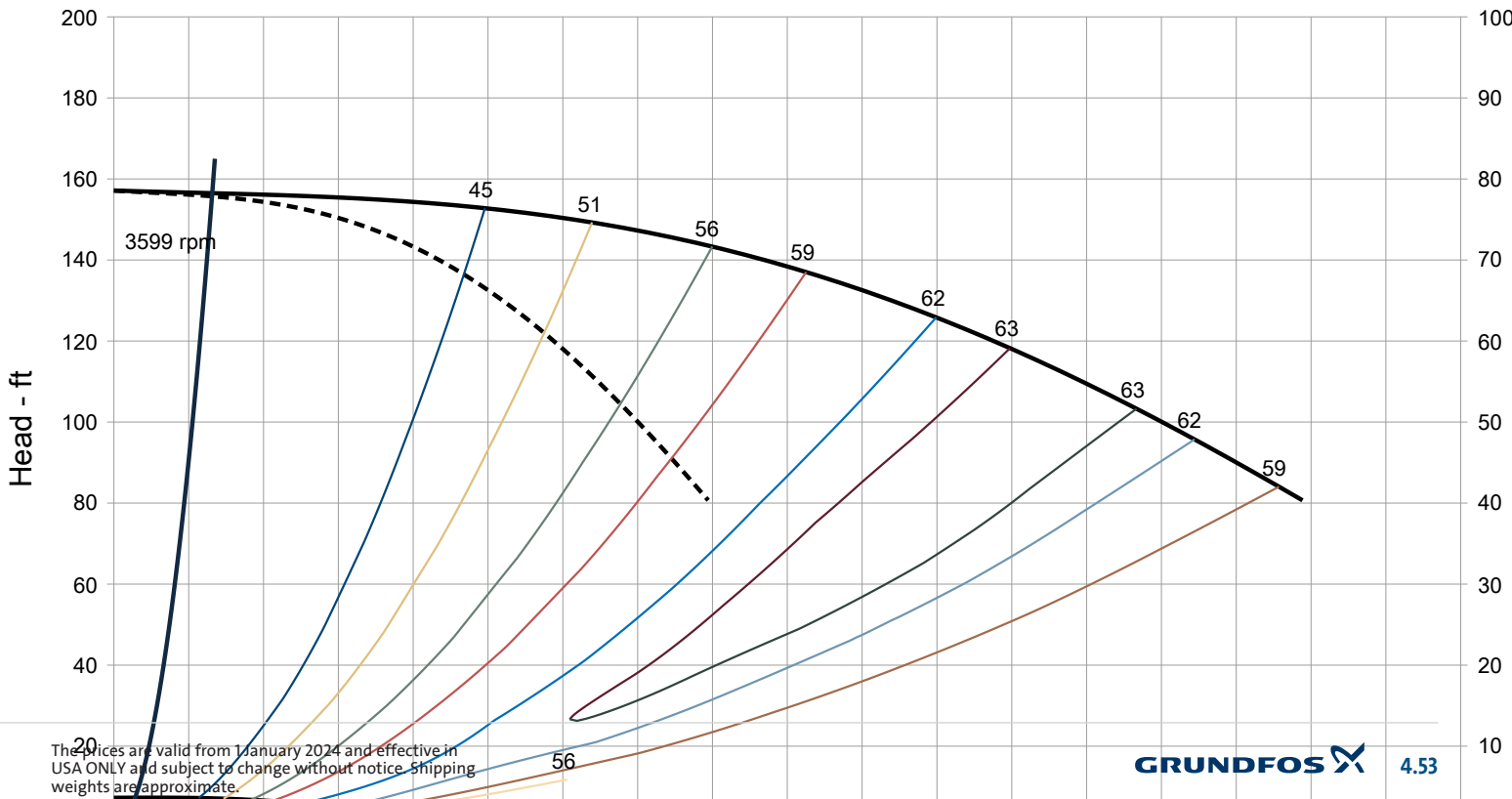


Hydro MPC 2CME 5-4 3x460V 60Hz

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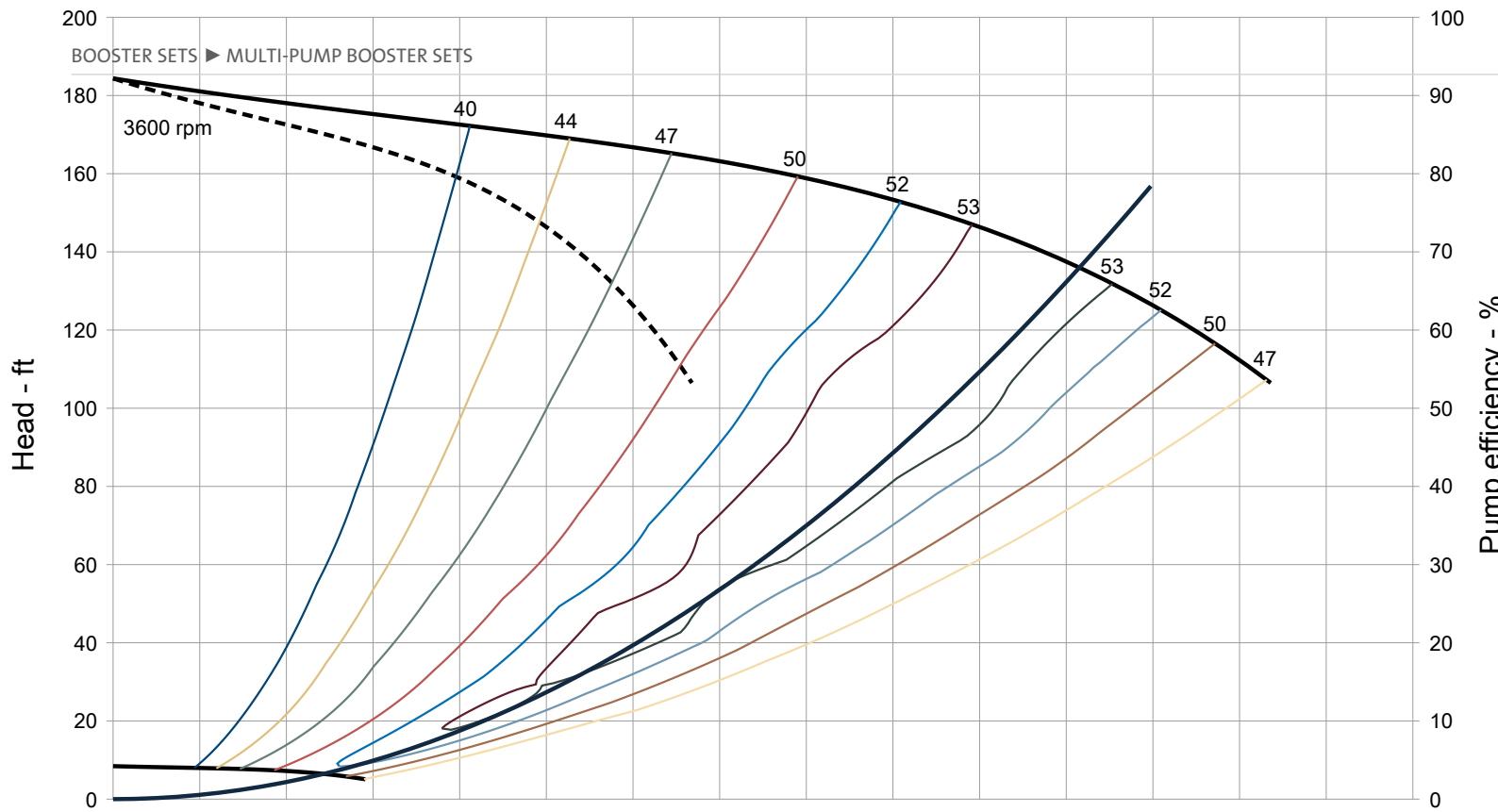


Hydro MPC 2CME 10-2 3x460V 60Hz

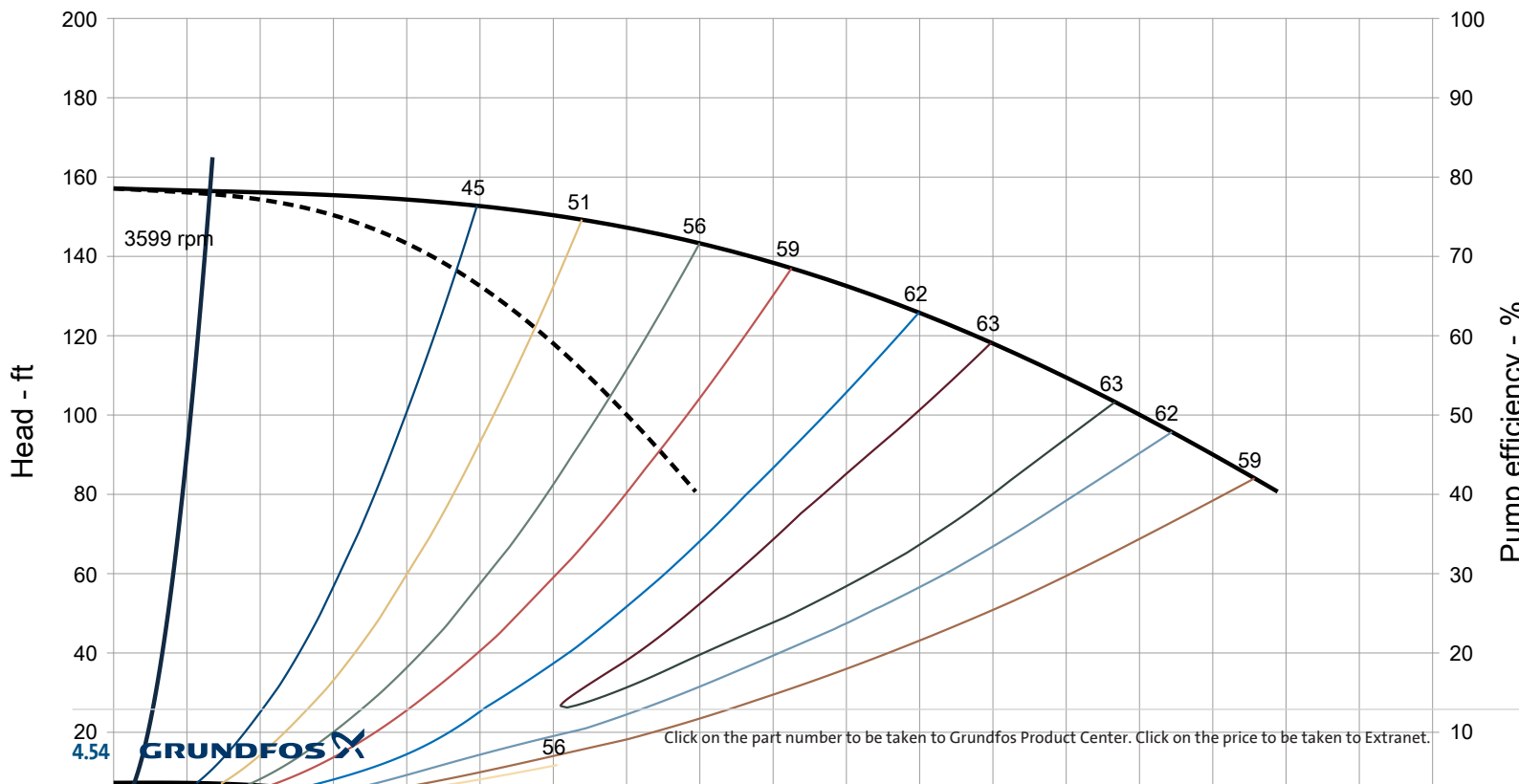


Hydro MPC 2CME 3-4 3x460V 60Hz

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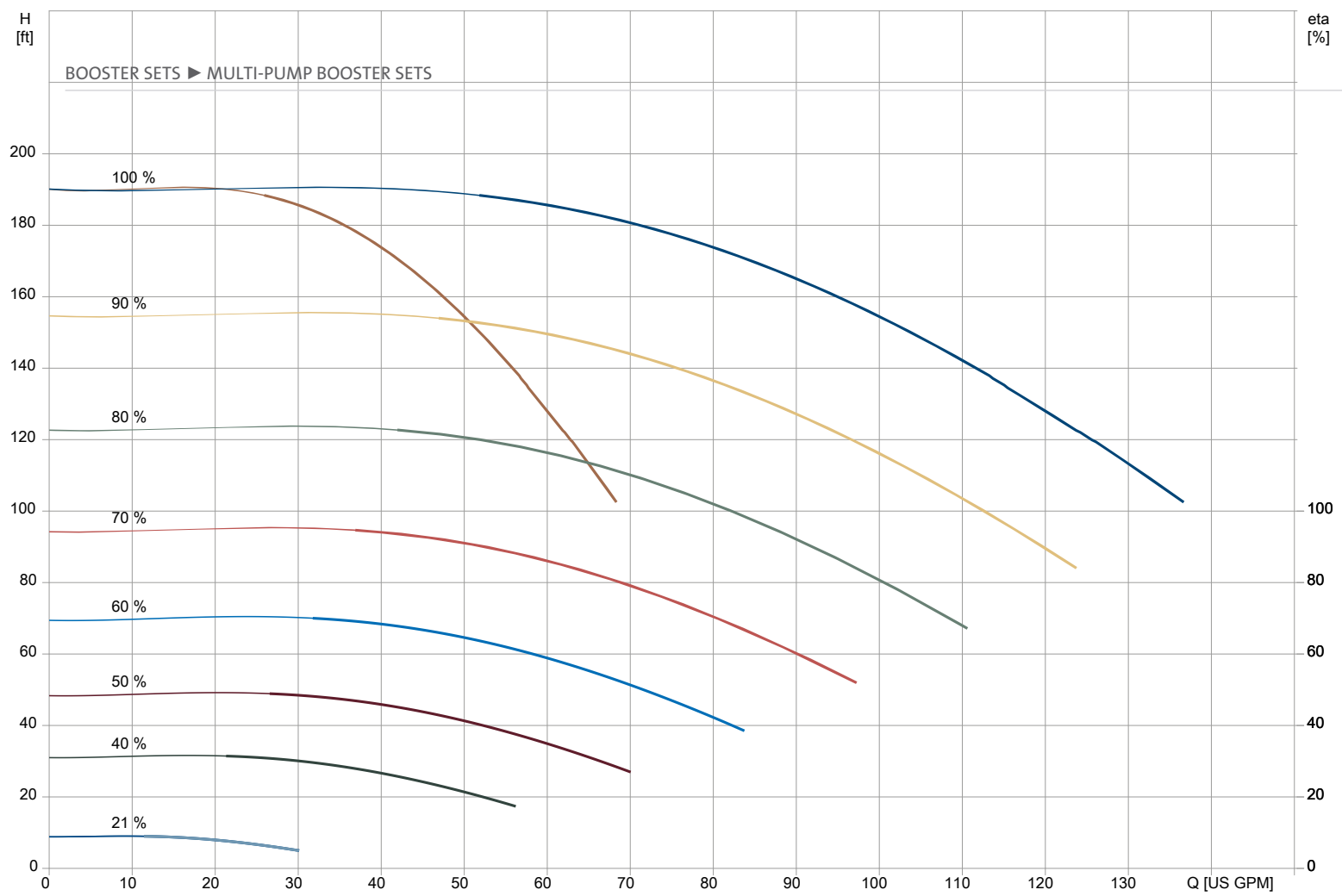
Hydro MPC 2CME 10-2 3x460V 60Hz



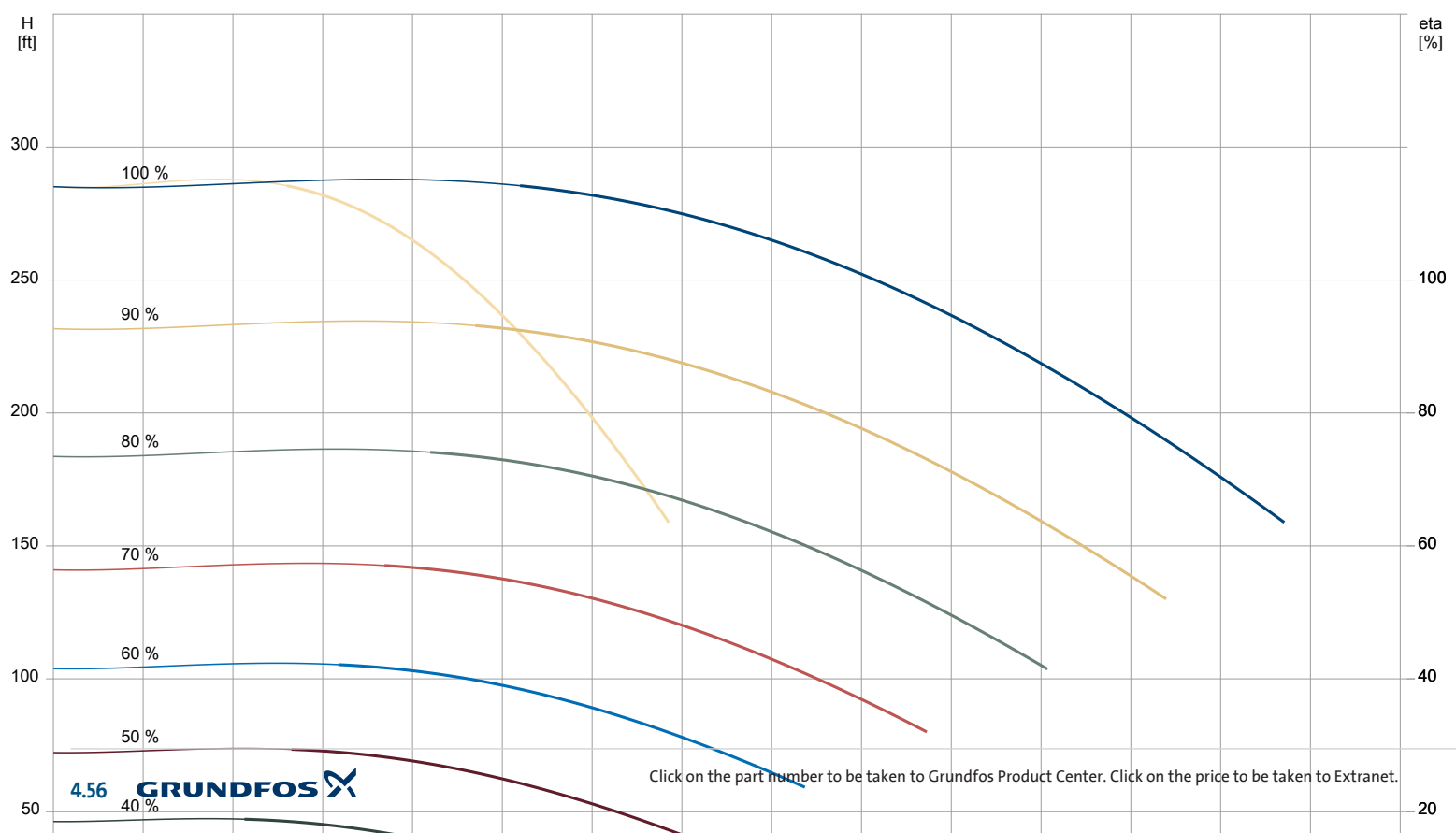
HYDRO MPC CME

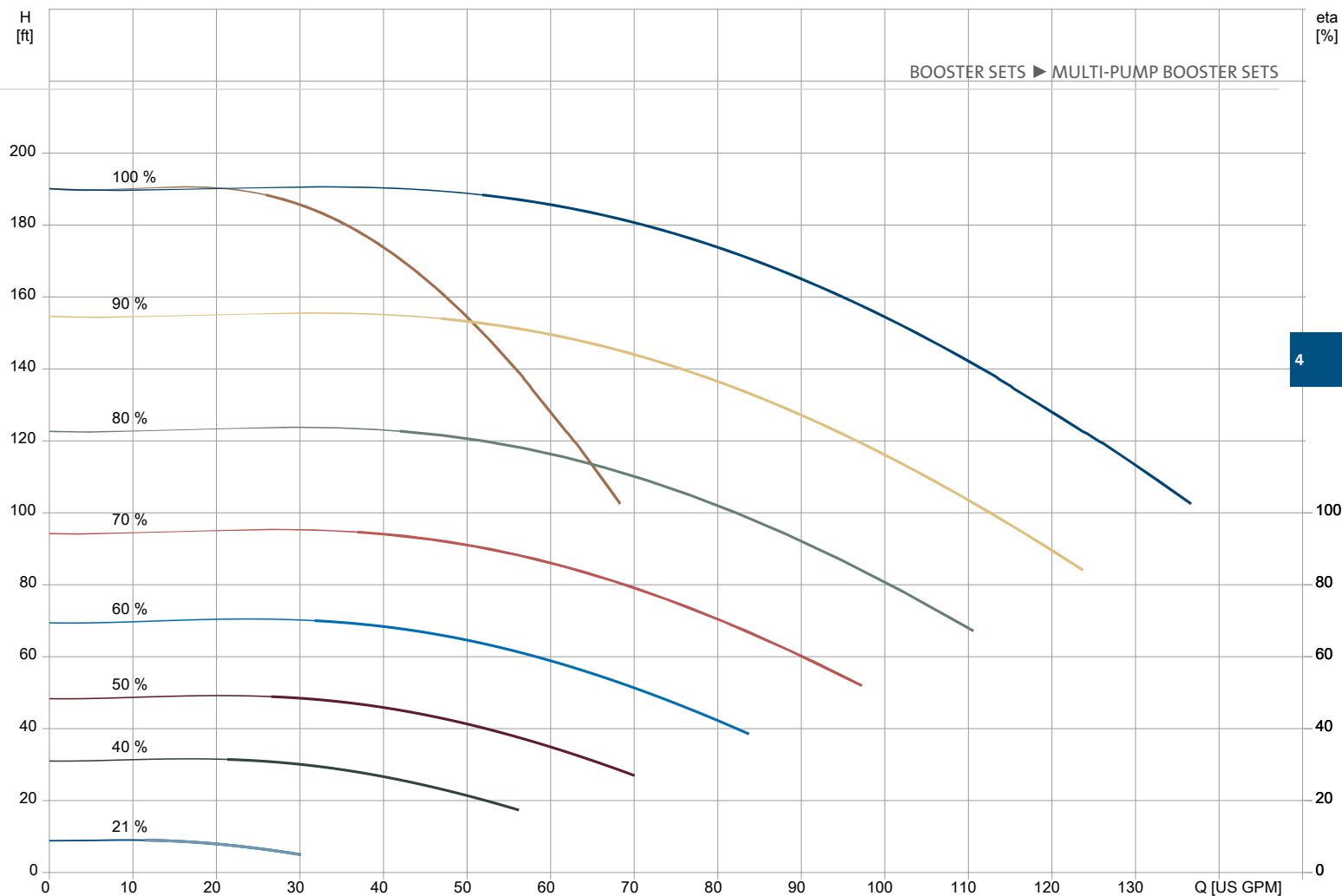
MPG CG

Product name	Number of pumps	P2 [HP]	Net weight [kg]	Voltage	Part Number	Price	
Hydro MPC E 2CME 5-4A 3x208V	2	2	115.61	3 x 3X208V,60HZ	99659062	15,196	
Hydro MPC E 3CME 5-4A 3x460V	3	2	126.62	3 x 3X460V,60HZ	99659079	19,086	
Hydro MPC E 2CME 10- 2A 3x208V	2	3	147.21	3 x 3X208V,60HZ	99659066	18,249	
Hydro MPC E 2CME 10- 3A 3x208V		5	175.17	3 x 3X208V,60HZ	99659067	20,092	
Hydro MPC E 2CME 15-1A 3x208V		3	163.81	3 x 3X208V,60HZ	99659071	22,184	
Hydro MPC E 2CME 15-1A 3x460V		3	136.14	3 x 3X460V,60HZ	99659085	22,018	
Hydro MPC E 2CME 15-2A 3x208V		5	191.35	3 x 3X208V,60HZ	99659072	23,607	
Hydro MPC E 2CME 15-2A 3x460V		5	199.95	3 x 3X460V,60HZ	99659086	23,356	
Hydro MPC E 2CME 15-3A 3x208V		7.5	208.77	3 x 3X208V,60HZ	99659073	25,702	
Hydro MPC E 2CME 15-3A 3x460V		7.5	208.77	3 x 3X460V,60HZ	99659087	25,367	
Hydro MPC E 3CME 10- 2A 3x460V		3	3	169.08	3 x 3X460V,60HZ	99659083	23,356
Hydro MPC E 3CME 10- 3A 3x460V			5	265.53	3 x 3X460V,60HZ	99659084	26,117

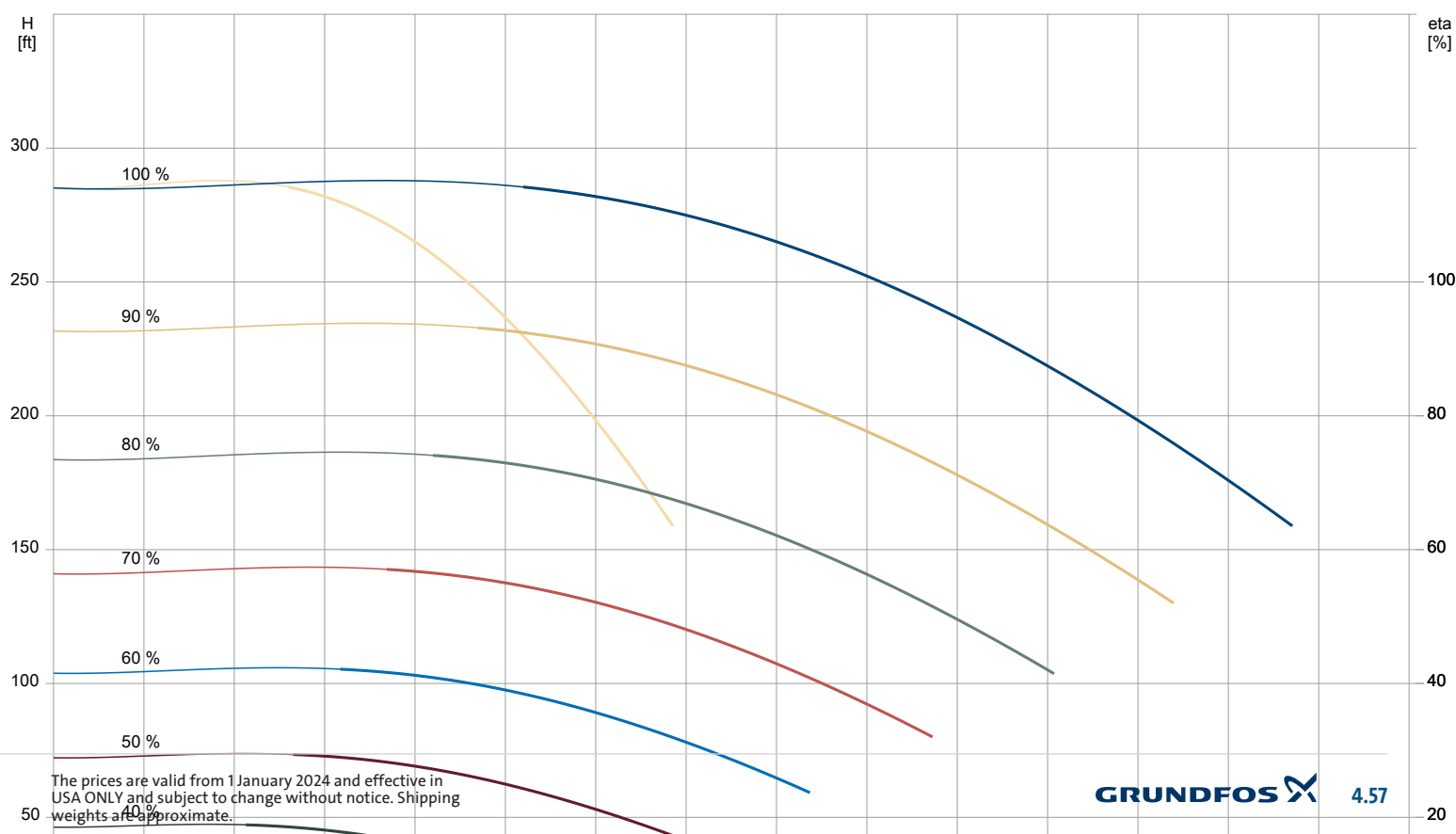


99688714 Hydro MPC-E 2 CRE 10-6 60 Hz

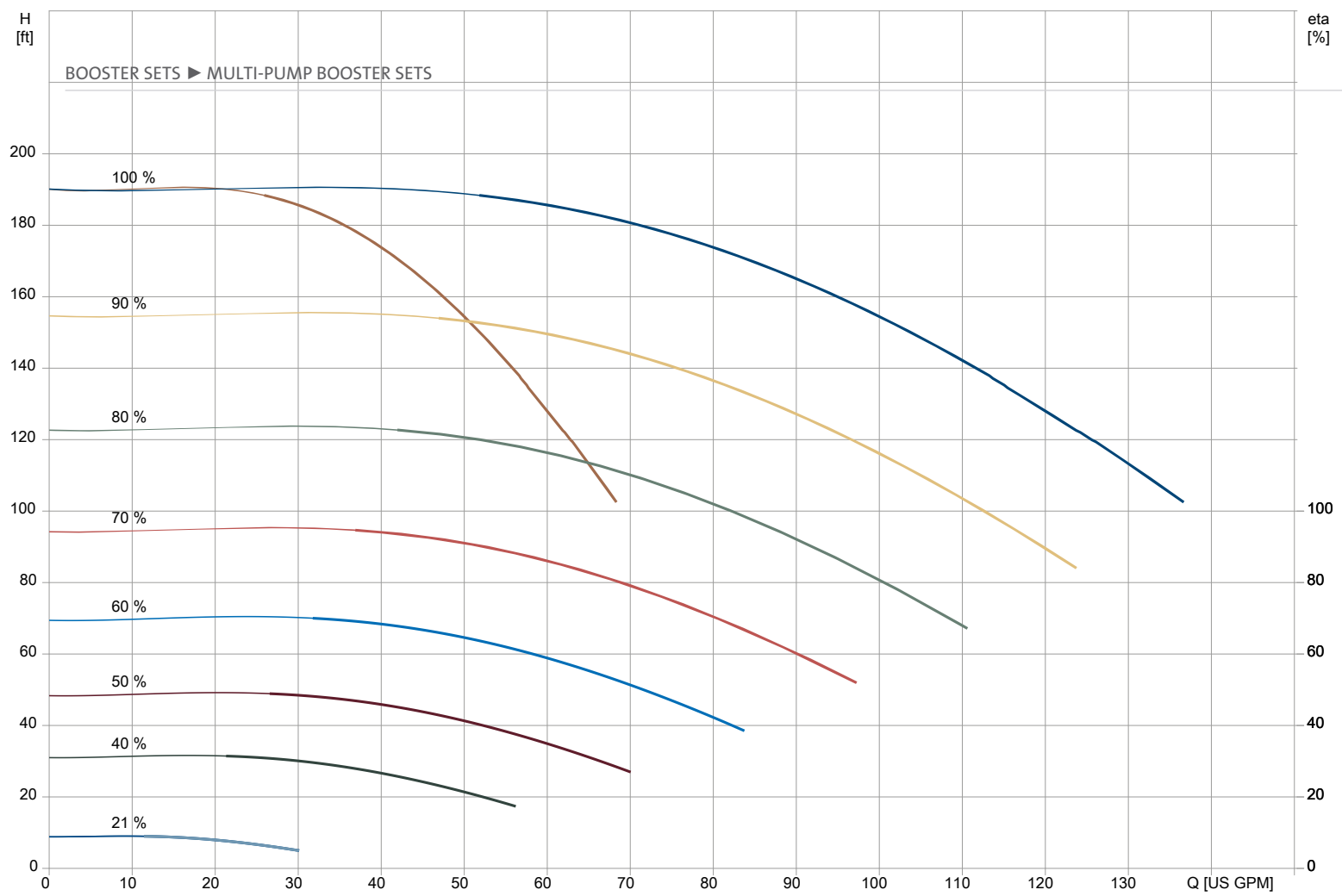




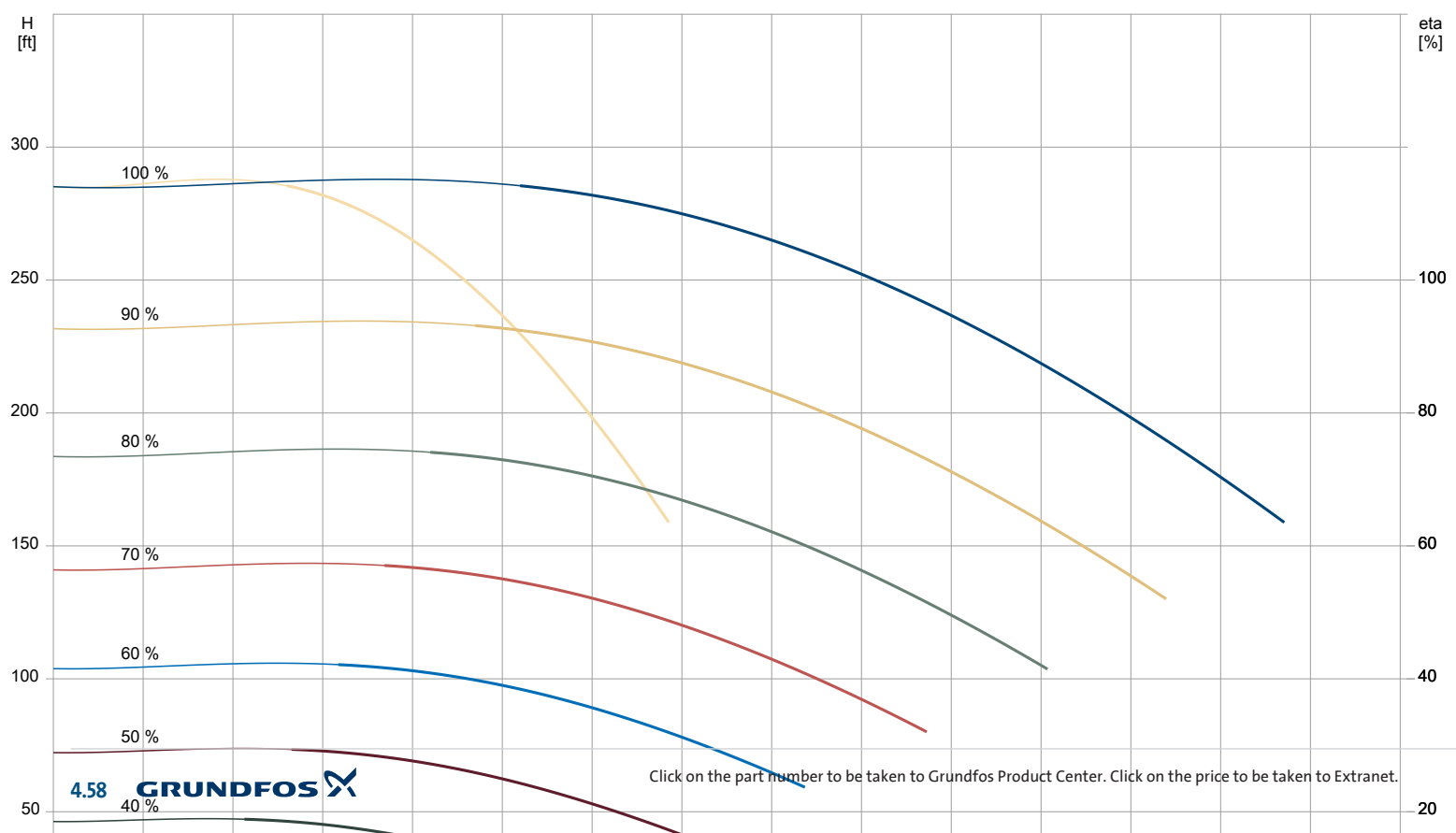
99688714 Hydro MPC-E 2 CRE 10-6 60 Hz

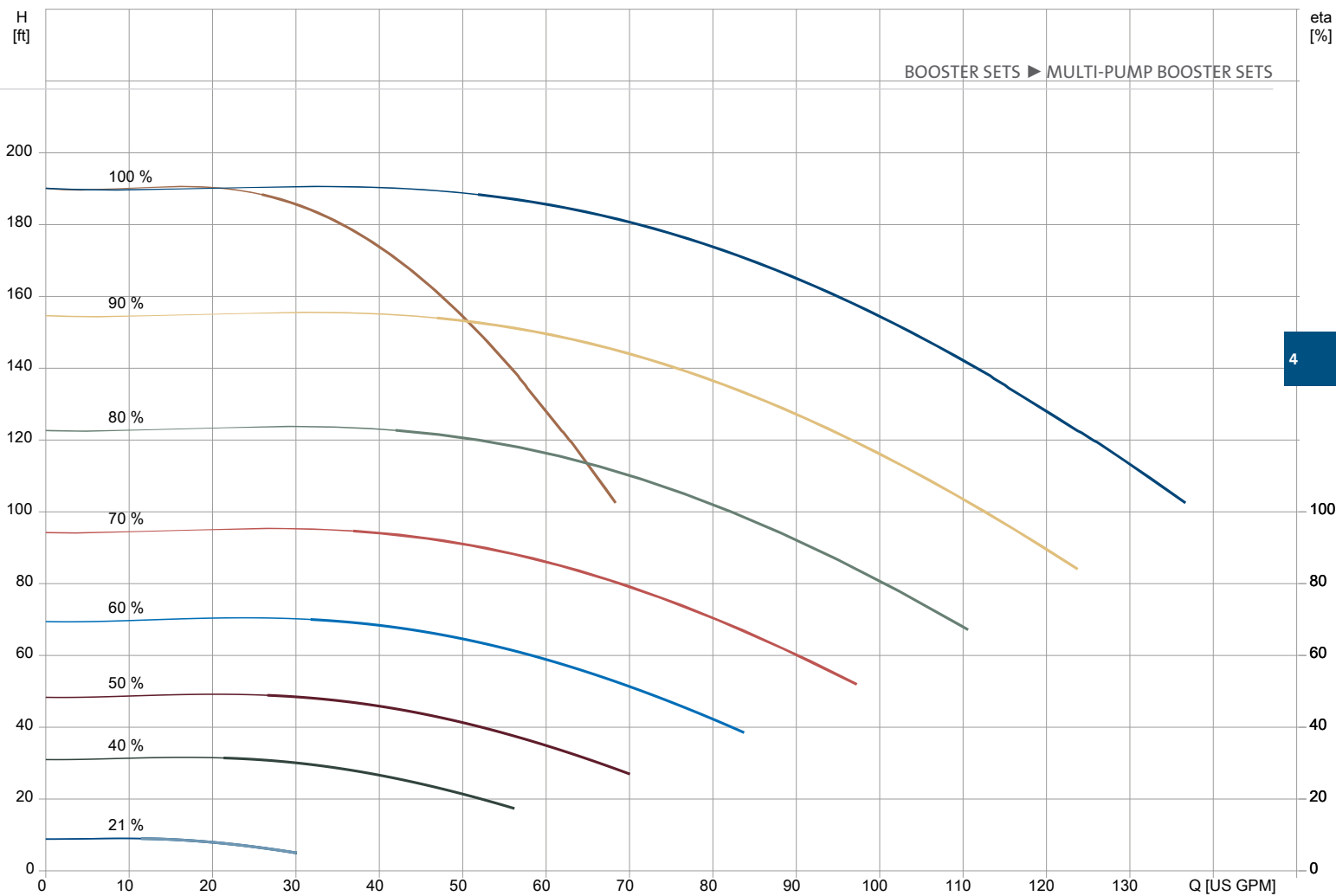


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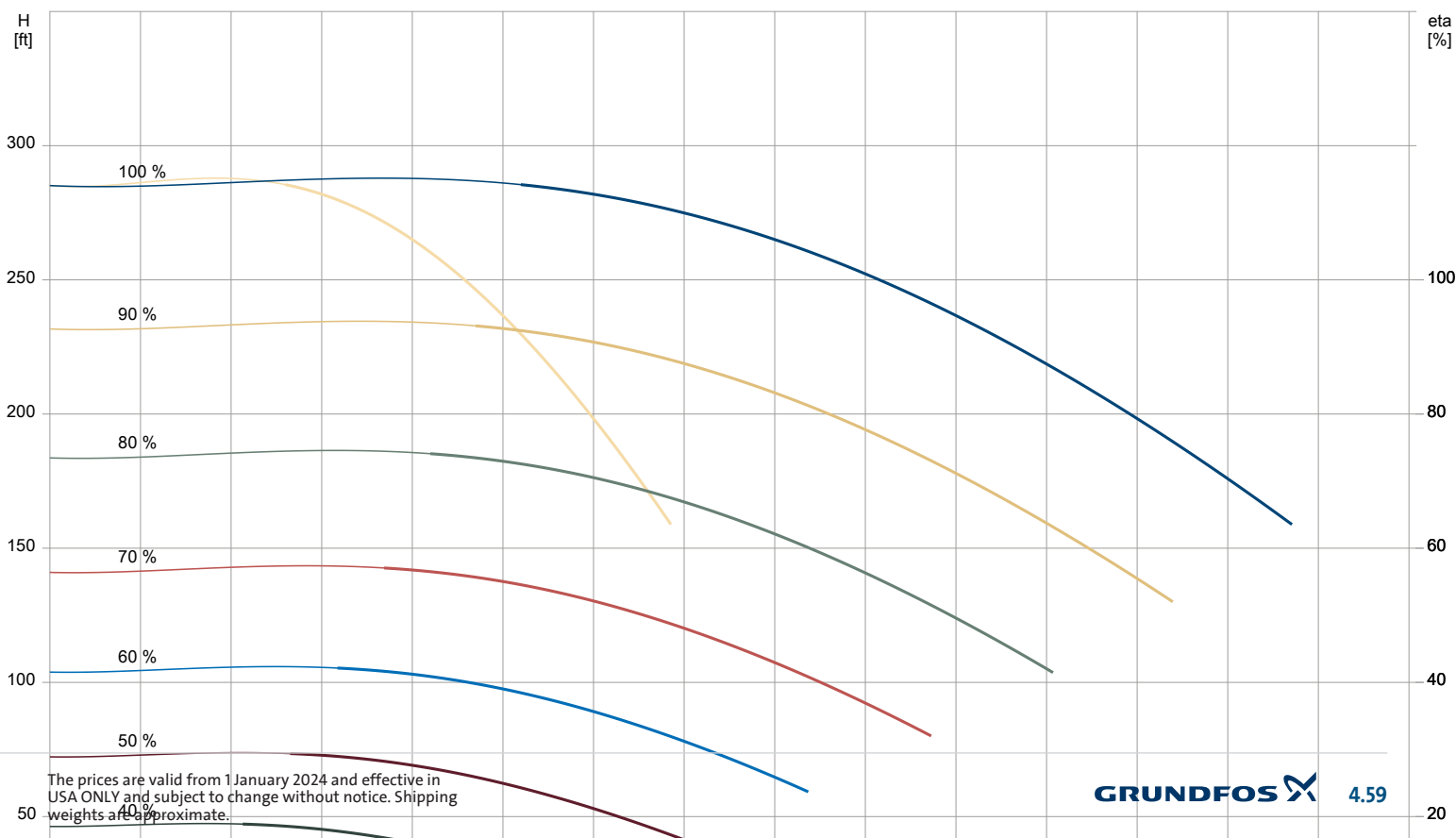


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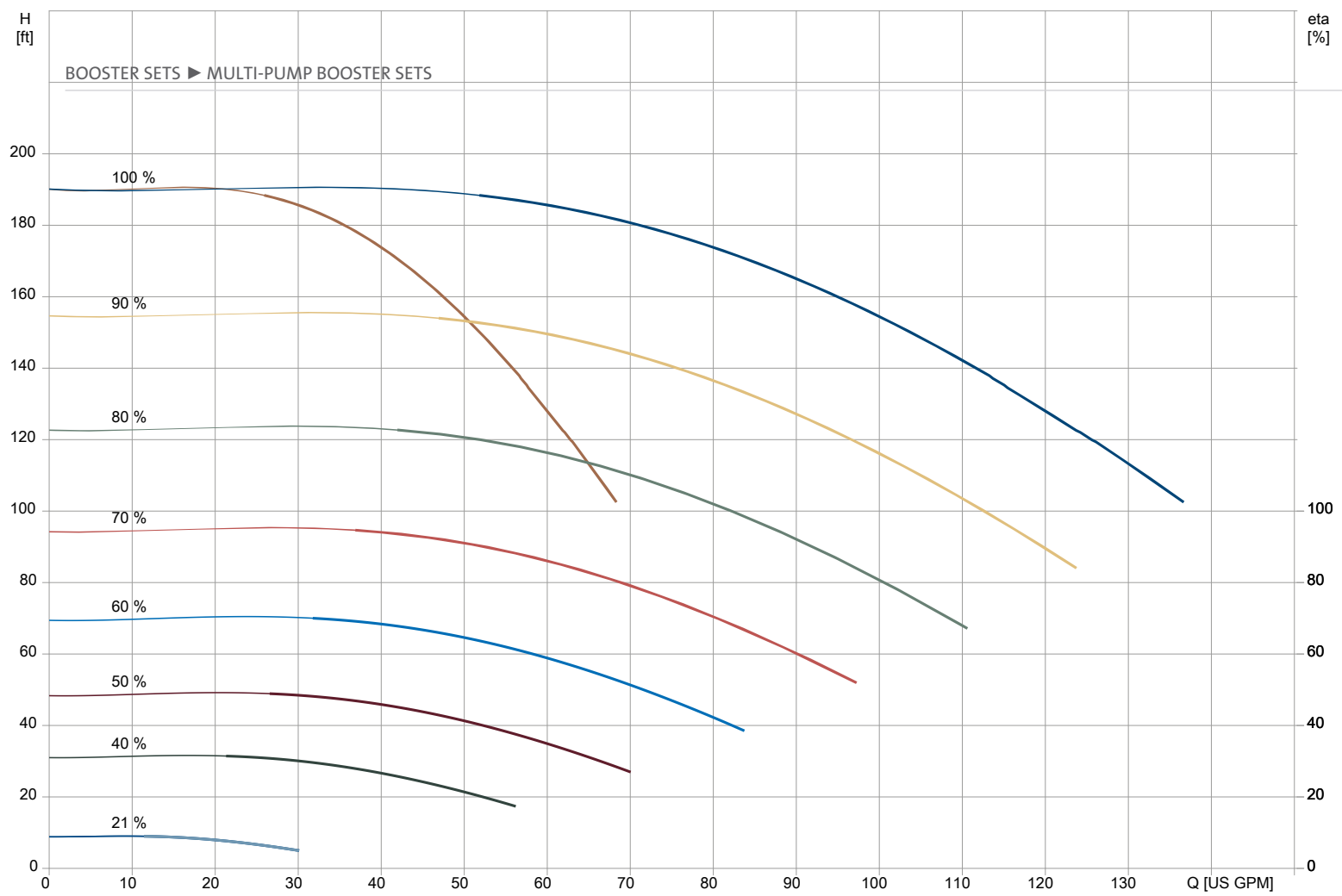




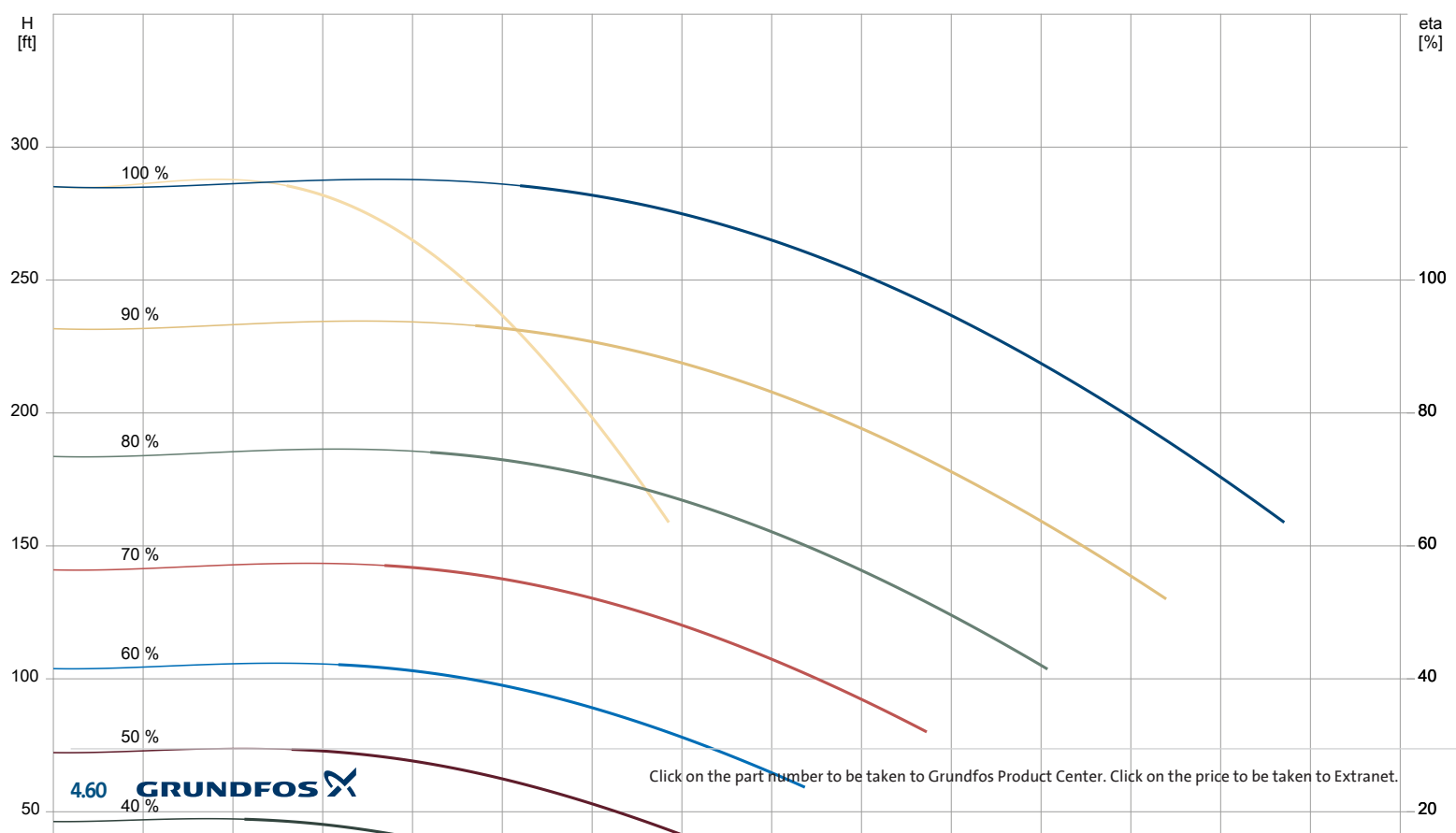
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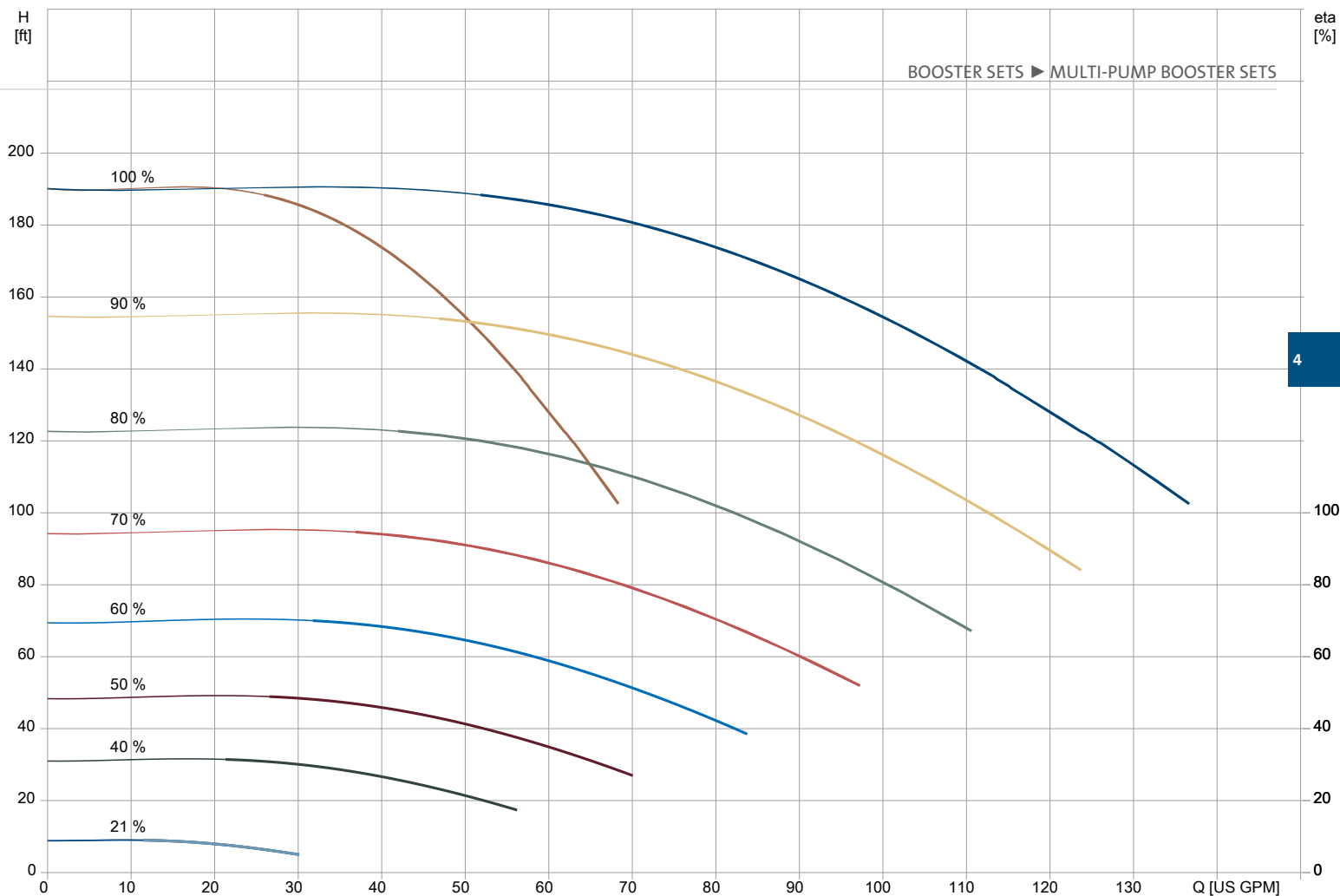


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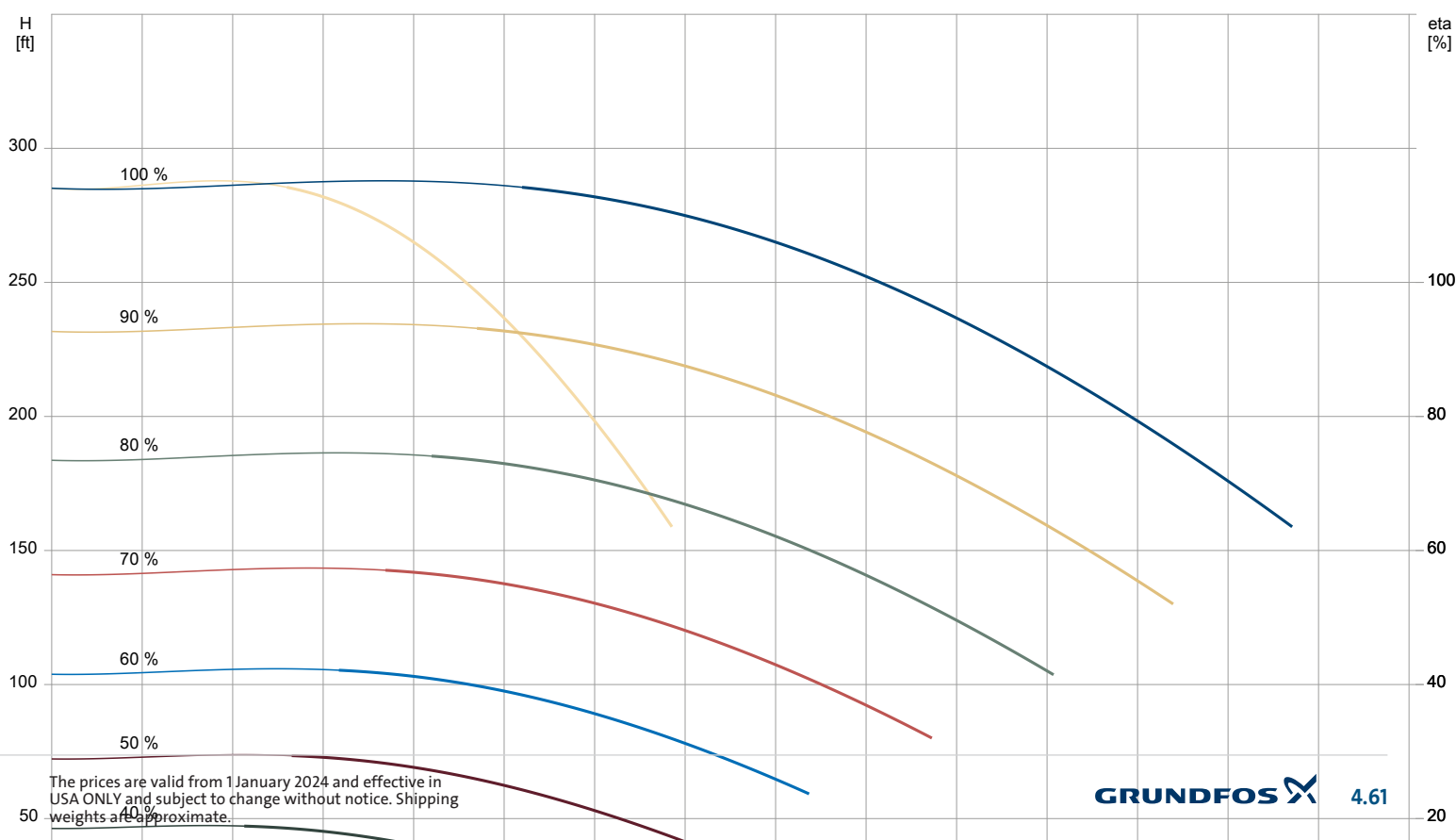


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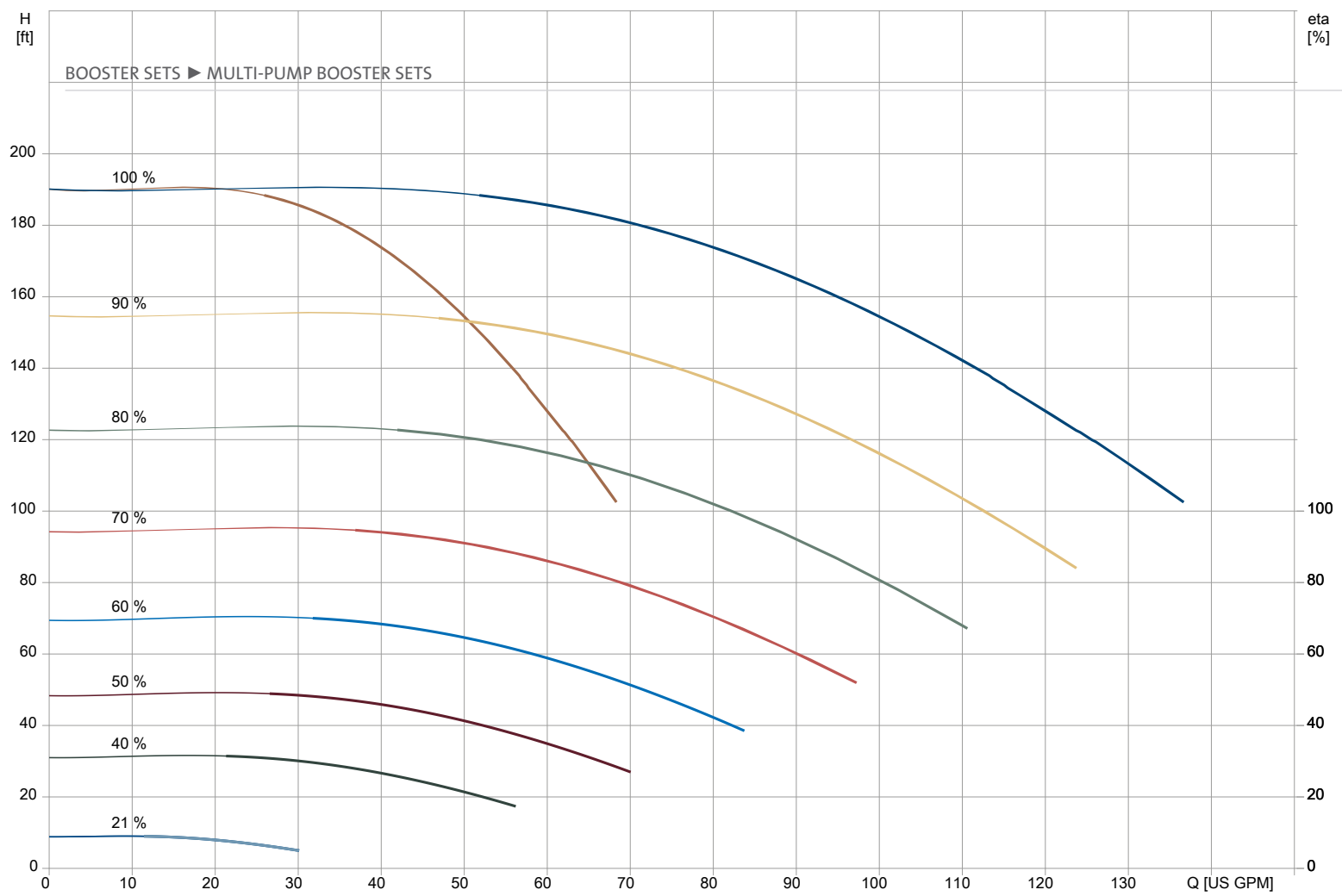




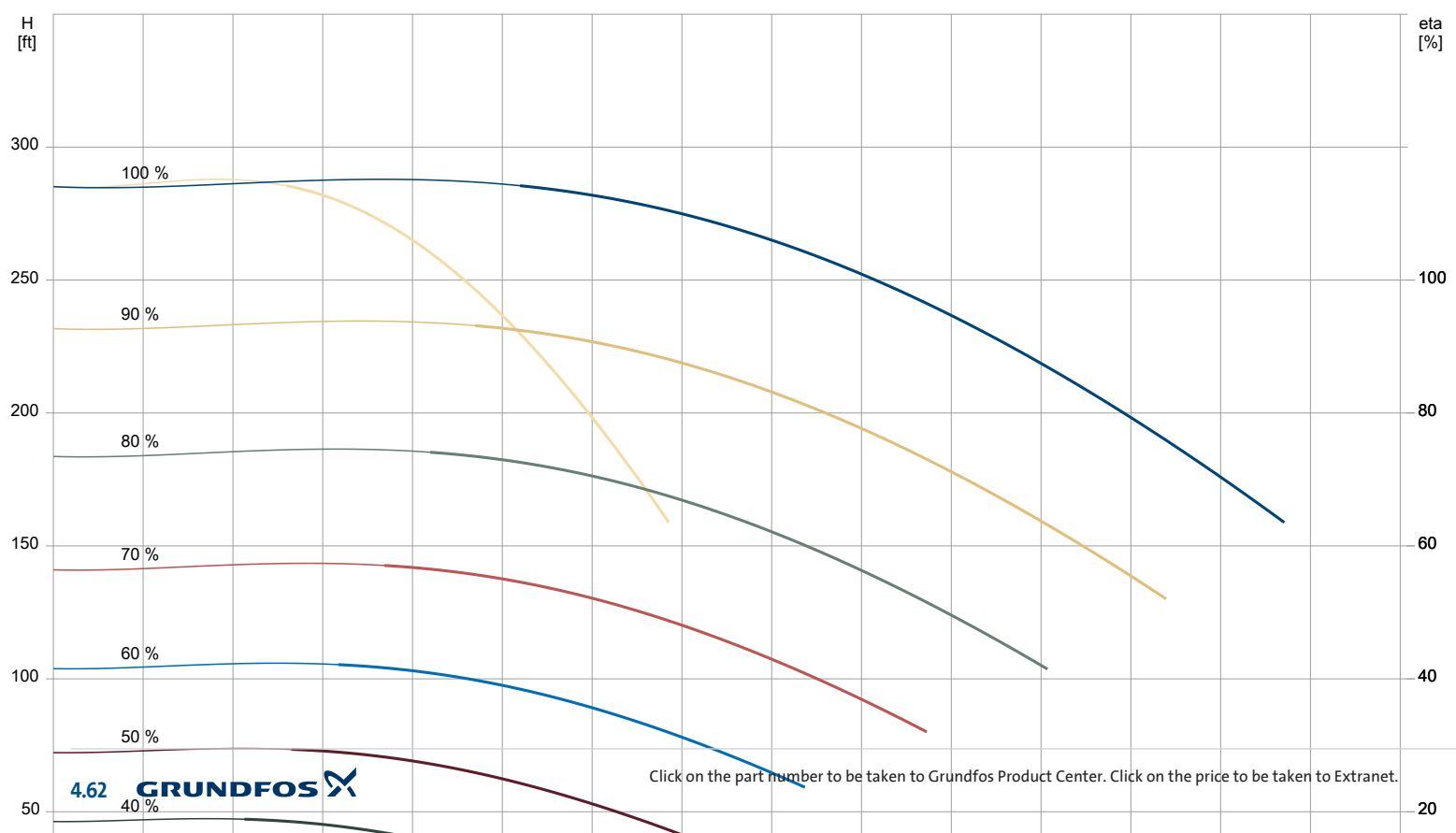
99688714 Hydro MPC-E 2 CRE 10-6 60 Hz

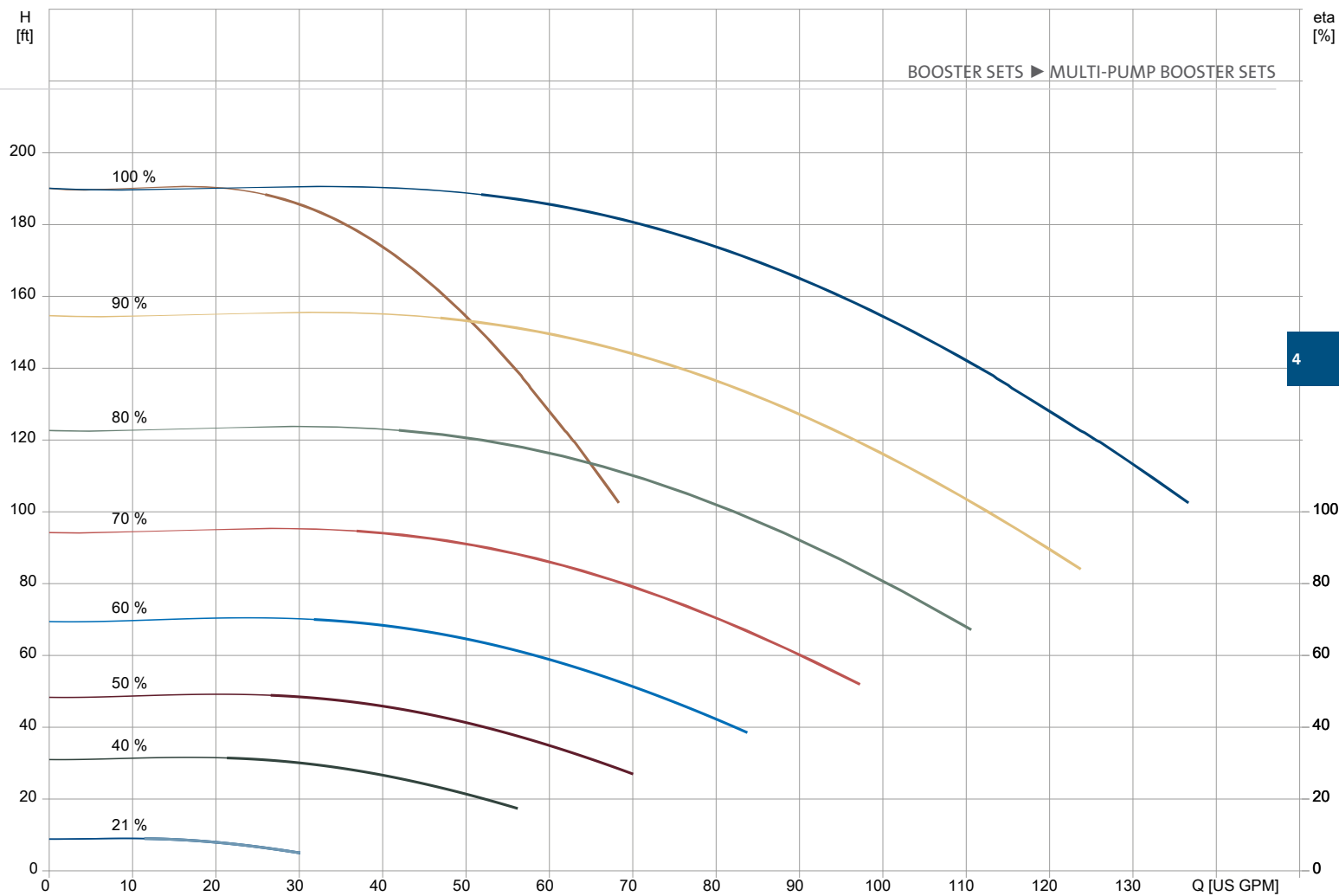


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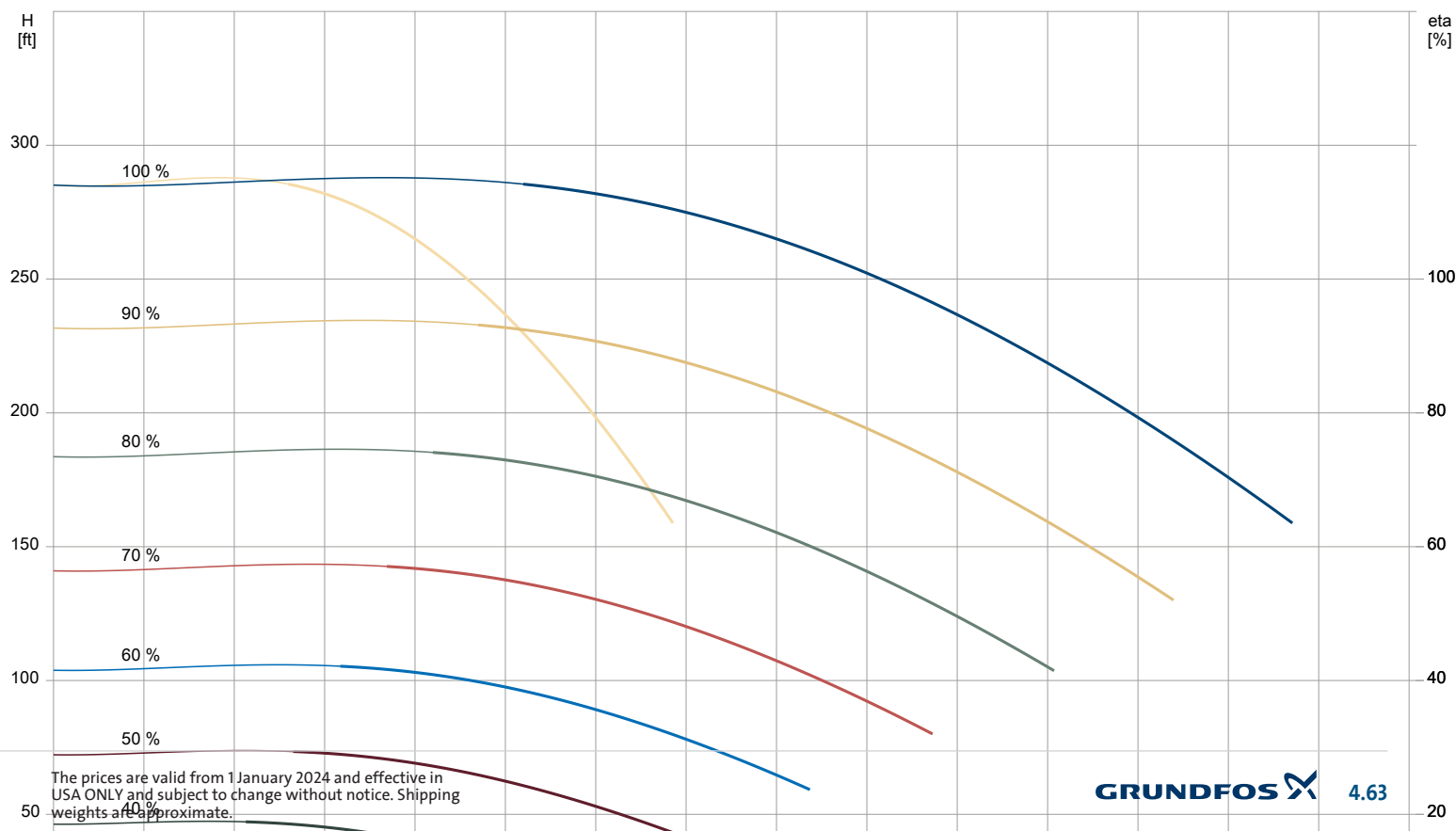


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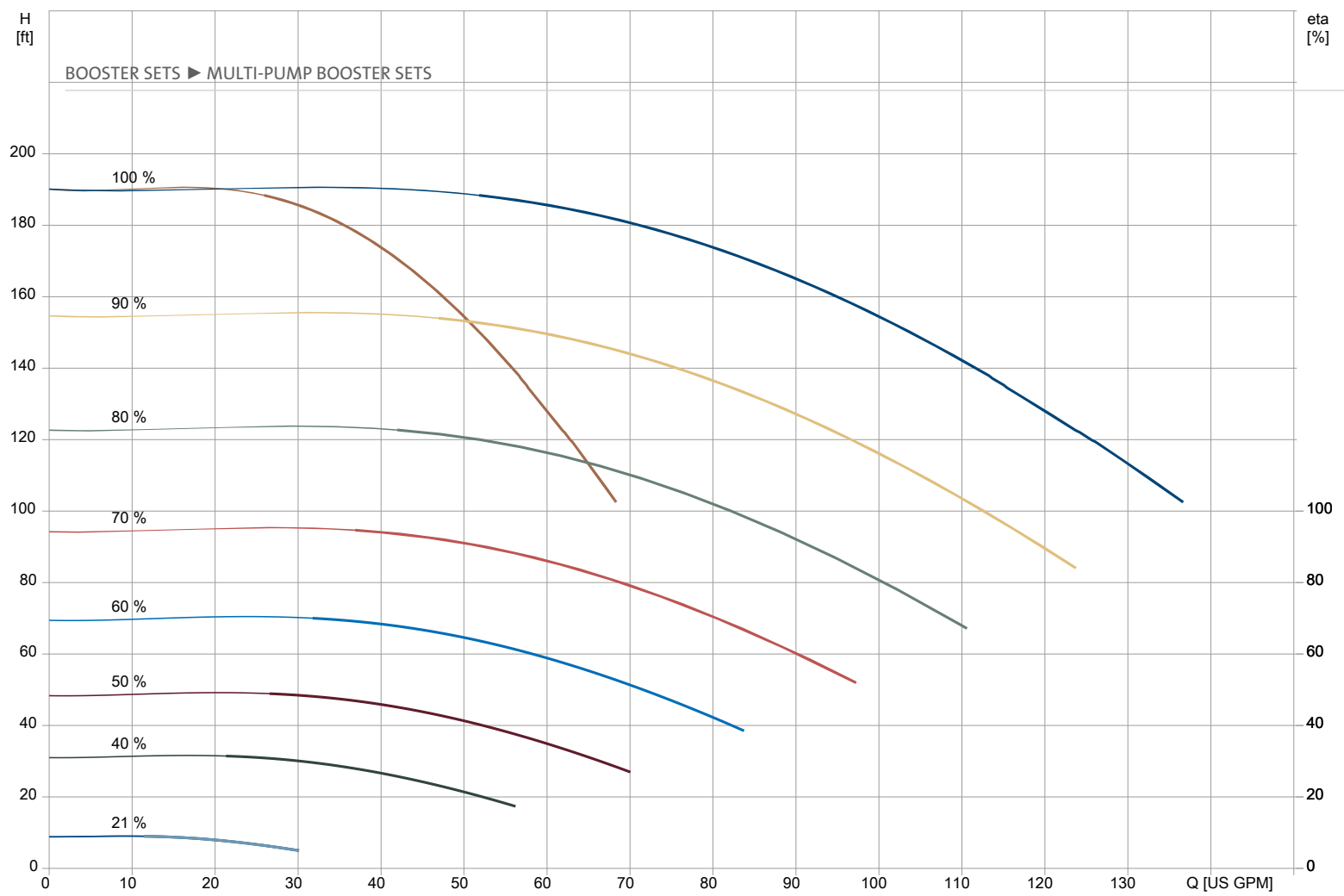




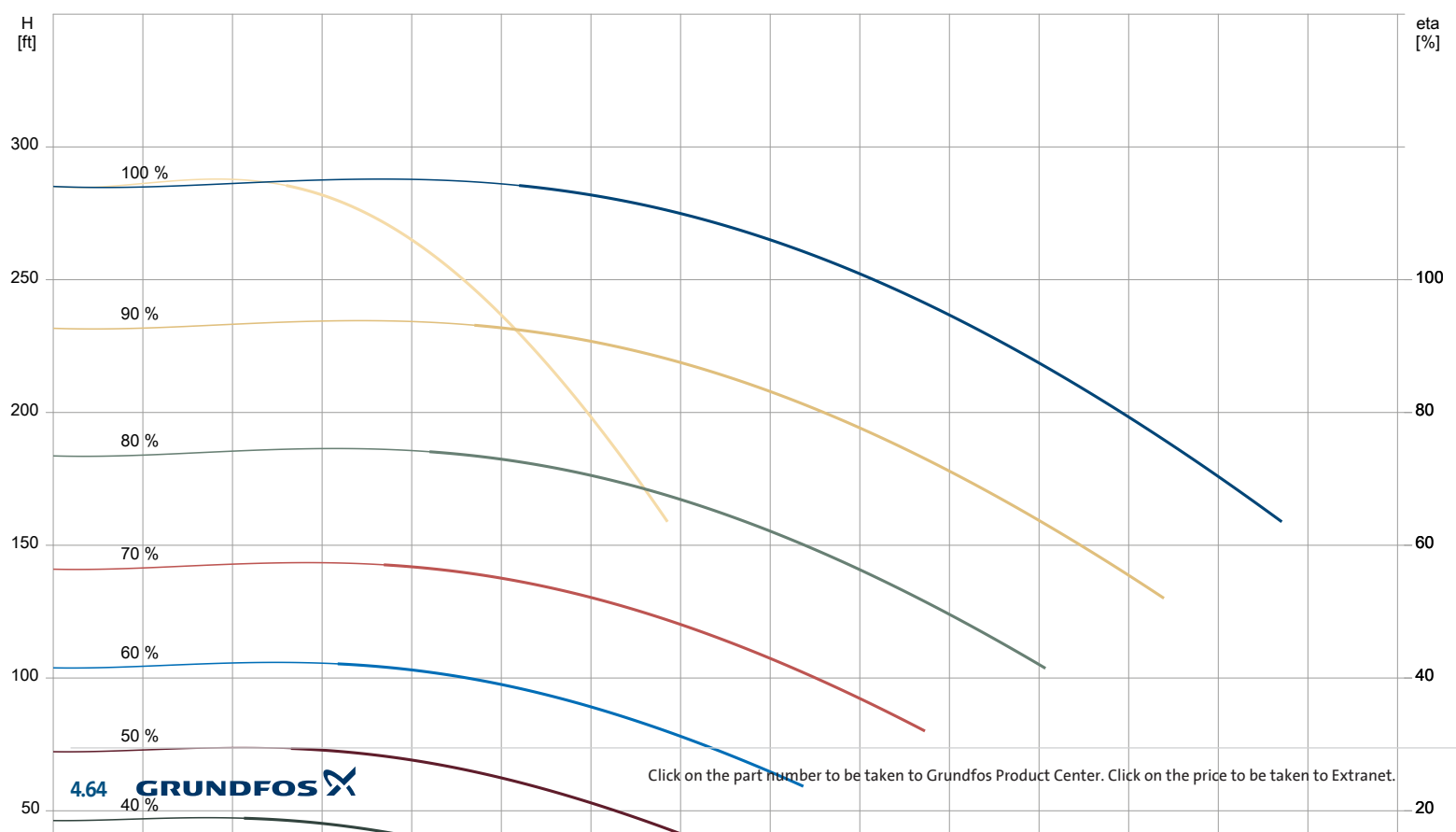
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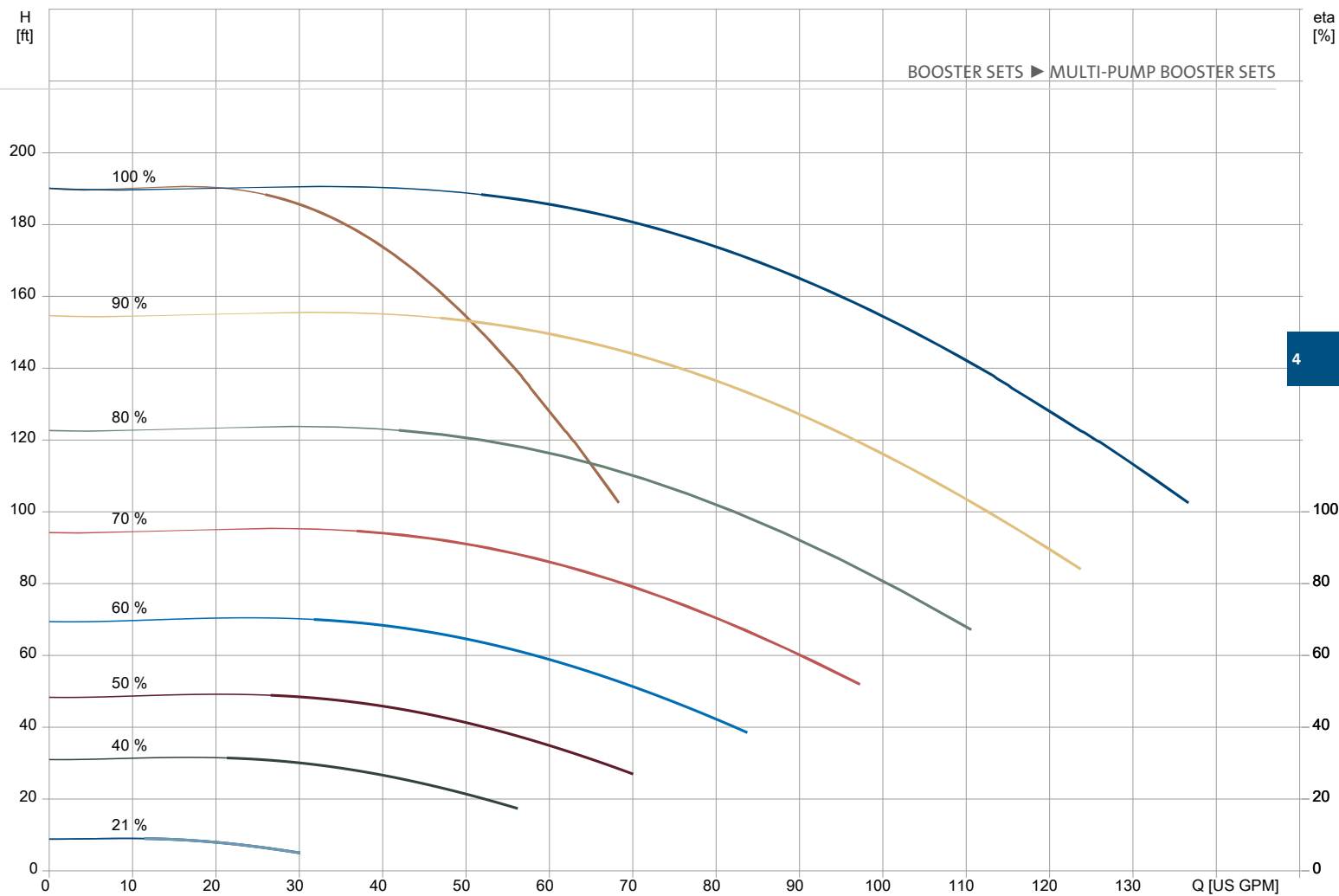


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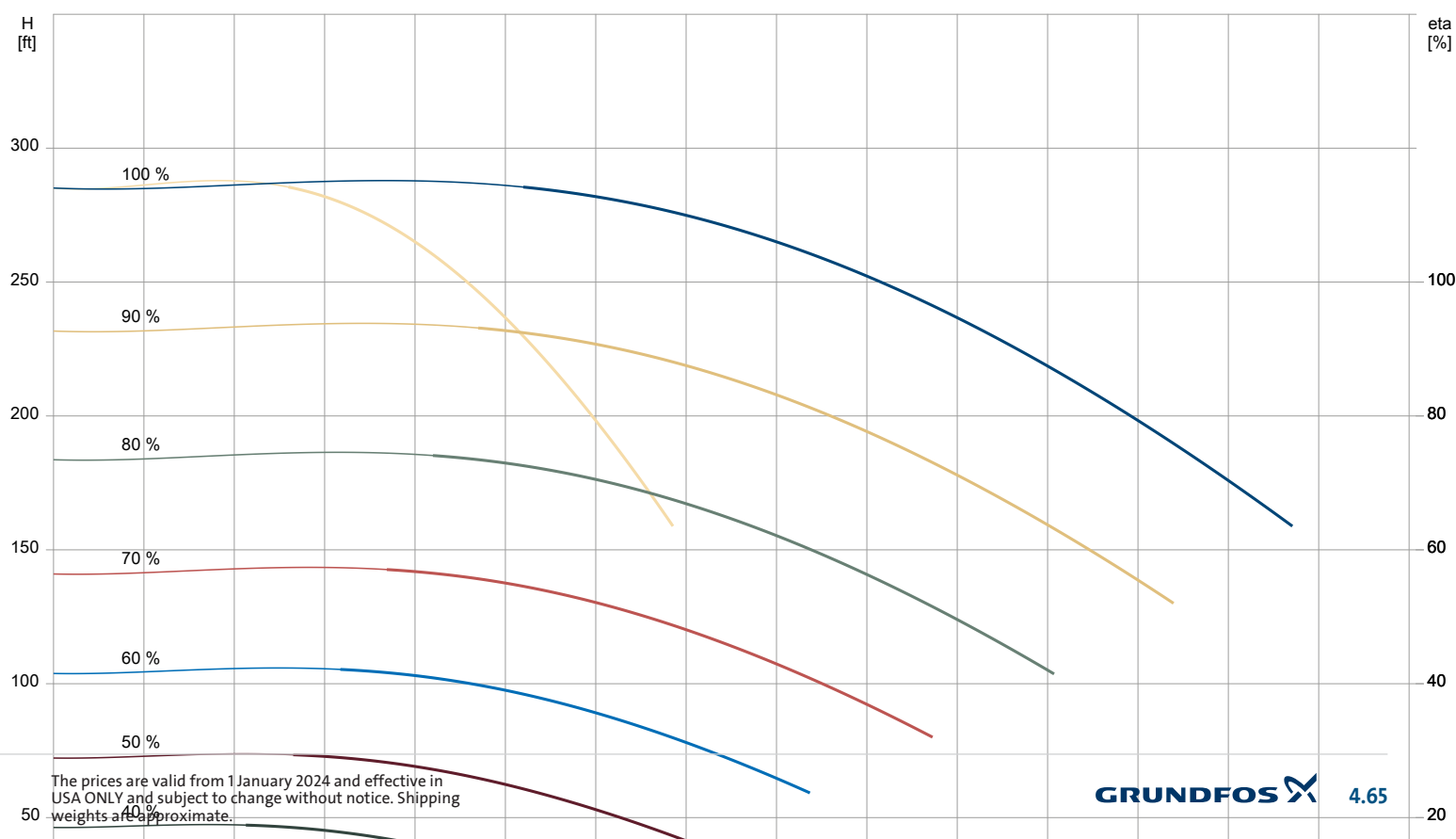


99688714 Hydro MPC-E 2 CRE 10-6 60 Hz





99688714 Hydro MPC-E 2 CRE 10-6 60 Hz



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HYDRO MPC CR/CRE

BOOSTER SETS ► MULTI-PUMP BOOSTER SETS

HYDRO MPC CR/CRE: VARIABLE SPEED BOOSTER SET WITH BETWEEN TWO AND SIX CR (I)E VERTICAL MULTISTAGE PUMPS

The pressure booster system Hydro MPC-E, supplied as compact assembly, maintains a constant pressure through continuous adjustment of the speed of the pumps.

The system performance is adapted to the demand through cutting in/out the required number of pumps and through parallel control of the pumps in operation.

Pump changeover is automatic and depends on load, time and fault.

From 0.37 to 22 kW, the booster set is equipped with CRE pumps with electronically commutated permanent magnet motor with extremely high efficiency. The total efficiency of this motor including the frequency converters are IE5 level in IEC60034-31 up to 11KW, even though this standard only applies for the motor



Hydro MPC-E /G: version with manifolds in galvanized steel

Hydro MPC-E /P: version with manifolds in AISI 304

Pumps : CRE pumps up to 22kW

CR pumps + 1 CUE for each pump inside the control panel from 30 kW upwards

Temperature range: ambient temperature from +0 °C to +40 °C max; liquid temperature from +0 °C to +60 °C max.

Maximum operating pressure: 16 bar

Enclosure class: IP 54 for the control panel, IP 55 for the pumps

Main supply: 3x400V, N, PE up to 1,1 kW 50-60Hz ; 3x400V, PE onwards 50-60Hz

Motor : up to 11 kW standard IE5

Starting: Electronic starting

Note: P2 is the values per each pump

— = Undersized motor

MPG CG

Number of pumps	Model	P2 [HP]	Dry running protection	Net weight [kg]	Voltage	Part Number	Price
2	Hydro MPC-E 2 CRE 10-4	3	Digital on/off	217.53	3 x 460-480	99688713	26,086
	Hydro MPC-E 2 CRE 10-4	3	Digital on/off	225.53	3 x 208-230	99689317	26,370
	Hydro MPC-E 2 CRE 10-6	5	Digital on/off	244.33	3 x 208-230	99689318	27,515
	Hydro MPC-E 2 CRE 10-6	5	Digital on/off	245.53	3 x 460-480	99688714	28,672
	Hydro MPC-E 2 CRE 15-2	5	Digital on/off	253.61	3 x 208-230	99689321	29,676
	Hydro MPC-E 2 CRE 15-2	5	Digital on/off	254.81	3 x 460-480	99688717	29,387
	Hydro MPC-E 2 CRE 15-4	7.5	Digital on/off	280.81	3 x 460-480	99688719	31,496
	Hydro MPC-E 2 CRE 15-4	7.5	Digital on/off	297.11	3 x 208-230	99689433	31,831
	Hydro MPC-E 2 CRE 15-5	10	Digital on/off	312.31	3 x 460-480	99688720	33,242
	Hydro MPC-E 2 CRE 20-2	5	Digital on/off	253.61	3 x 208-230	99689435	29,767
	Hydro MPC-E 2 CRE 20-2	5	Digital on/off	254.81	3 x 460-480	99688743	29,410
	Hydro MPC-E 2 CRE 20-4	10	Digital on/off	310.31	3 x 460-480	99688745	32,957
	Hydro MPC-E 2 CRE 32-2-1	7.5	Digital on/off	324.13	3 x 460-480	99688749	35,179
	Hydro MPC-E 2 CRE 32-2-1	7.5	Digital on/off	332.91	3 x 208-230	99689438	35,502
	Hydro MPC-E 2 CRE 32-3-2	10	Digital on/off	346.41	3 x 460-480	99688750	37,700
	3	Hydro MPC-E 3 CRE 10-4	3	Digital on/off	315.11	3 x 208-230	99689442
Hydro MPC-E 3 CRE 10-6		5	Digital on/off	343.31	3 x 208-230	99689443	37,757
Hydro MPC-E 3 CRE 15-2		5	Digital on/off	348.04	3 x 208-230	99689446	38,168
Hydro MPC-E 3 CRE 15-4		7.5	Digital on/off	414.30	3 x 208-230	99689448	41,403

Continuation

Number of pumps	Model	P2 [HP]	Dry running protection	Net weight [kg]	Voltage	Part Number	Price
3	Hydro MPC-E 3 CRE 20-2	5	Digital on/off	348.04	3 x 208-230	99689450	38,304

MEASUREMENT AND CONTROLS



CIM: COMMUNICATION INTERFACE MODULE

MPG II



With the CIM, Grundfos enables a wide range of pumps and pump systems to communicate with other devices and Building Management Systems (BMS) solutions, using the established communication standards in the market, such as BACnet, LONworks, Modbus, GSM and Profibus.

CIM add-on module - CIM is short for Communication Interface Module, and it is an add-on communication cards are installed directly into the terminal box

Short description	Part Number	Price
CIM 100 LON interface module for pumps	96824797	344
CIM 110 LON interface module for boosters	96824798	344
CIM 150 PROFIBUS interface module	96824793	335
CIM 200 Modbus interface module	96824796	375
CIM 300 BACnet interface module	96893770	344
CIM 500 PROFINET Modbus TCP BACnet IP EtherNet/IP	98301408	776
CIM 050 RS485 GENIbus interface module	96824631	173
CIU 900 interface unit	99448387	311
CIU 901 interface unit with I&O	99448389	461
CIU 903 interface unit for SQFlex	98106399	624

4

ACCESSORIES GENERAL



ACCESSORIES HYDRONIC

Short description	MPG AD	
	Part Number	Price
TANK 4.4GAL 150# NON-ASME 141N43	91121888	107
TANK 86GAL 150# NON-ASME 150N32	91121896	985
TANK 90GAL 250# ASME 149-40	91121919	6,840
TANK 14GAL 150# NON-ASME 143N273	91121891	344
TANK 14GAL 250# ASME 143-349	91121915	3,651
TANK 20GAL 150# NON-ASME 144N177	91121892	409
TANK 211GAL 150# NON-ASME 185-34	91121898	O.R.
TANK 211GAL 230# ASME 185-42	91121921	13,665
TANK 25GAL 150# ASME 146-776	91121904	2,914
TANK 34GAL 150# NON-ASME 147N130	91121893	527
TANK 34GAL 250# ASME 146-768	91121917	4,409
TANK 44GAL 150# NON-ASME 147N131	91121894	719
TANK 53GAL 150# ASME 147-139	91121905	6,019
TANK 62GAL 150# NON-ASME 148N118	91121895	872
TANK 6.4GAL 150# ASME DD 390602	99613063	1,819
TANK 6.4GAL 250# ASME 141-354	91121913	2,907
TANK 66GAL 230# ASME 147-125	91121918	6,516
TANK 8.6GAL 150# ASME DD 390603	99613065	2,022
TANK 10.3GAL 150# NON-ASME 143N164	91121890	279
TANK 132GAL 150# NON-ASME 149-143	91121897	O.R.
TANK 132GAL 250# ASME 149-146	91121920	8,469
TANK 16.6GAL 150# ASME DD 401681	99613066	2,285

GROUNDWATER PUMPS AND ACCESSORIES

SQ/SQE 3" | SP 4" - 10" | SPE 6"



USER GUIDE FOR THIS MODULE

Product range displayed on page

Model name and brief description

Key technical information

Product image

Chapter number

Chapter & Page Number

Go back to the table of contents

15 SQ

SQ 3" SUBMERSIBLE PUMPS ► FIXED SPEED PUMPS - STAINLESS STEEL 304

15 SQ: 3" SUBMERSIBLE PUMP - FIXED SPEED


SQ pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Handy Tips: Add an SQ Pressure Kit to turn the pump into an automatic system (includes bore cap, pressure tank, pressure gauge and fittings).

Pumps with high-efficiency motor and integrated protection against:

- Dry running (automatic restart every 5 minutes)
- Overvoltage and undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)
pH: 5 to 9
Starting Method: Integrated soft start for all SQ pumps
Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (-10 %/+6 %) 60 Hz
Complete Pump Material: Stainless steel AISI 304
Minimum Well Diameter: Min. 3" (76 mm)
Installation Depth: Max. 492' (150 m)



								MPG WJ	
P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price	
0.50	5.2	NPT(F)	1 1/4	26	13	15 SQ05-70	96160146	1,506	11
0.50	5.2			42	13	15 SQ05-110	96160147	1,518	
0.50	12.0			26	13	15 SQ05-70	96160168	1,506	
0.50	12.0			42	13	15 SQ05-110	96160169	1,518	
0.75	8.4			56	13	15 SQ07-150	96160148	1,735	
0.75	8.4			70	13	15 SQ07-180	96160149	1,825	
1.00	11.2			84	13	15 SQ10-220	96160150	1,925	
1.00	11.2			98	13	15 SQ10-250	96160151	1,955	
1.50	12.3			113	13	15 SQ15-290	96160152	2,237	

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GRUNDFOS 11.11

Monitoring and Control, For All Situations

As part of the SP system, Grundfos offers reliable, easy to set up and easy to use motor protection (MP 204), a complete range of external Variable Frequency Drives designed for speed control (Grundfos CUE) and cost-effective and straightforward monitoring and management of the pump installation (Grundfos Utility Connect).

OPEN AND WIDE RANGE OF COMMUNICATION PROTOCOLS

For data communication, the Grundfos fieldbus concept is the ideal solution for complete control of pumps and pump systems and utilises open and interoperable networks. Our data communication interfaces offer ease of installation and commissioning, user-friendliness, and great value for money.

MP 204 and Grundfos CUE are compatible with Grundfos Remote Management and can be connected to any SCADA system, allowing remote access to pump data anywhere.



MP 204 MOTOR PROTECTION

The perfect partner for the SP system in many applications, protection is provided for motors ranging from 3 to 999 amps and voltages from 100 to 480 VAC against undervoltage, overvoltage and other variations in power supply that may cause overheating of the submersible motor.

When used with the 4"/6" motor configuration, the Tempcon sensor lets MP 204 keep an eye on the motor temperature at all times. If the temperature reaches 60°C it will issue a warning signal. If it reaches 75°C, the MP 204 will stop the motor to prevent damage.

OTHER BENEFITS INCLUDE:

- Power factor measurement, giving an indication of clogging in the intake or impeller wear
- Motor power consumption continually checked with precision, stopping the pump before dry running, preventing pump damage
- Warning for ground failure/insulation resistance, allowing preventive maintenance of the motor, cables, or cable joints
- Can be used with 8000, by connecting PT100/PT1000

MP 204 PROTECTION AND MONITORING PARAMETERS

- Insulation resistance before start-up
- Temperature (Tempcon, PT sensor and thermal switch)
- Overload/underload
- Overvoltage/undervoltage
- Phase sequence
- Phase missing
- Power factor ($\cos \phi$)
- Power consumption
- Harmonic distortion
- Current asymmetry
- Run and start capacitor (single-phase)
- Operating hours and number of start

3" SQ/ SQE

This section of the Grundfos Product Price Book covers our range of fixed and variable speed 3" submersible well pumps for the supply of groundwater for domestic and light industrial or agricultural applications.

At only 3" in diameter, the Grundfos SQ/E submersible pump is extremely compact and ideal for small or restricted wells. Our 3" range is available as either a fixed speed (SQ) or a variable speed option (SQE).

In addition to the features and benefits shared with the renowned SP submersible pump, the SQ/E offers several motor protection and wear-reducing features that makes it the obvious choice for groundwater extraction at domestic or small waterworks and for irrigation systems.



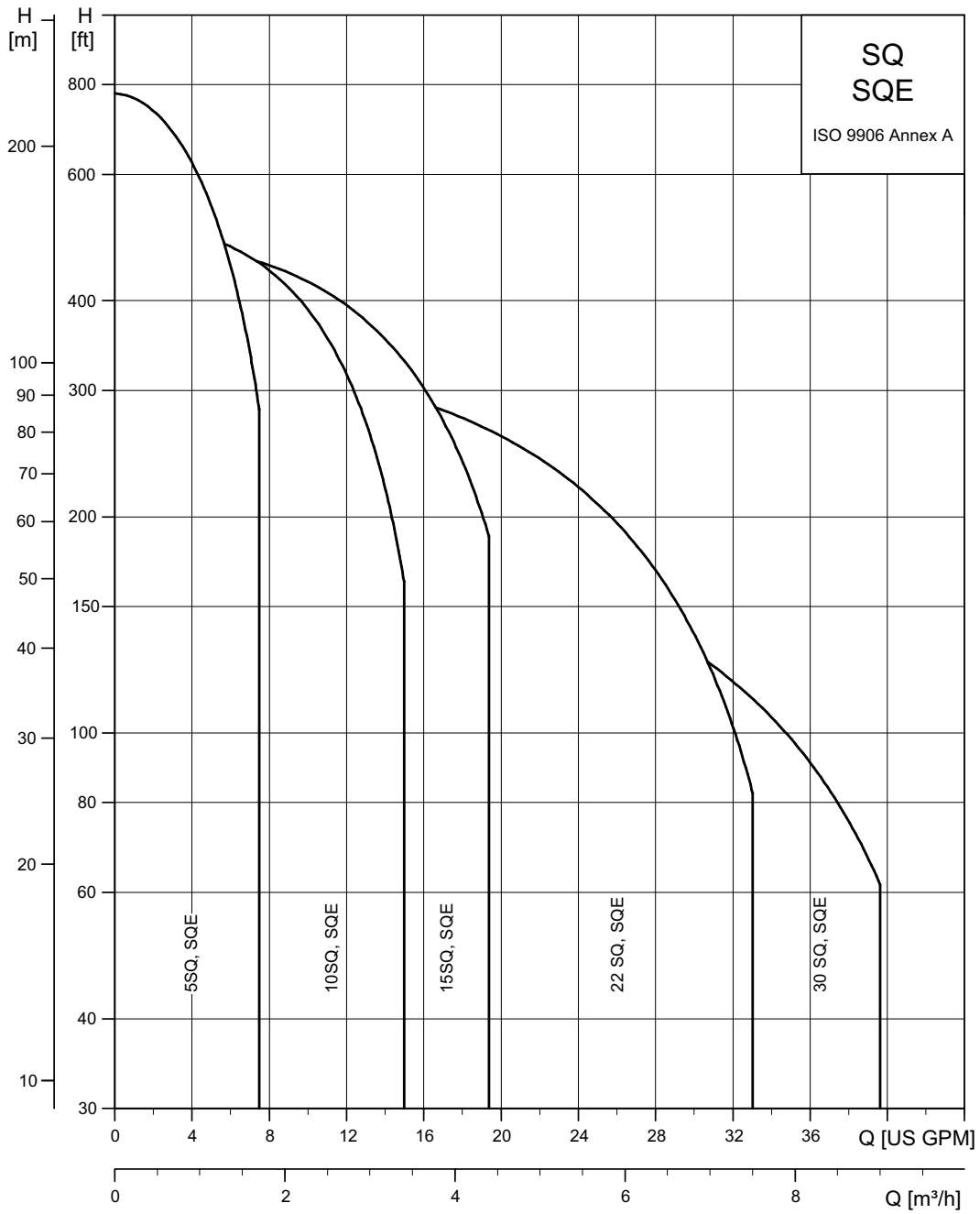
“At only 3” in diameter, the Grundfos SQ/E submersible pump is extremely compact and ideal for small or restricted wells”

FEATURES & BENEFITS

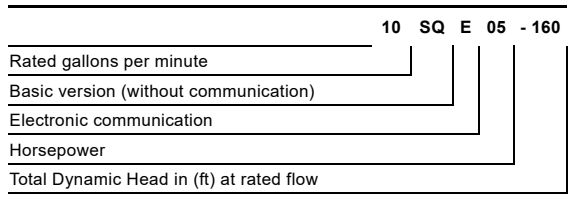
- Over and under voltage protection
- Overload protection
- Over temperature protection

APPLICATIONS

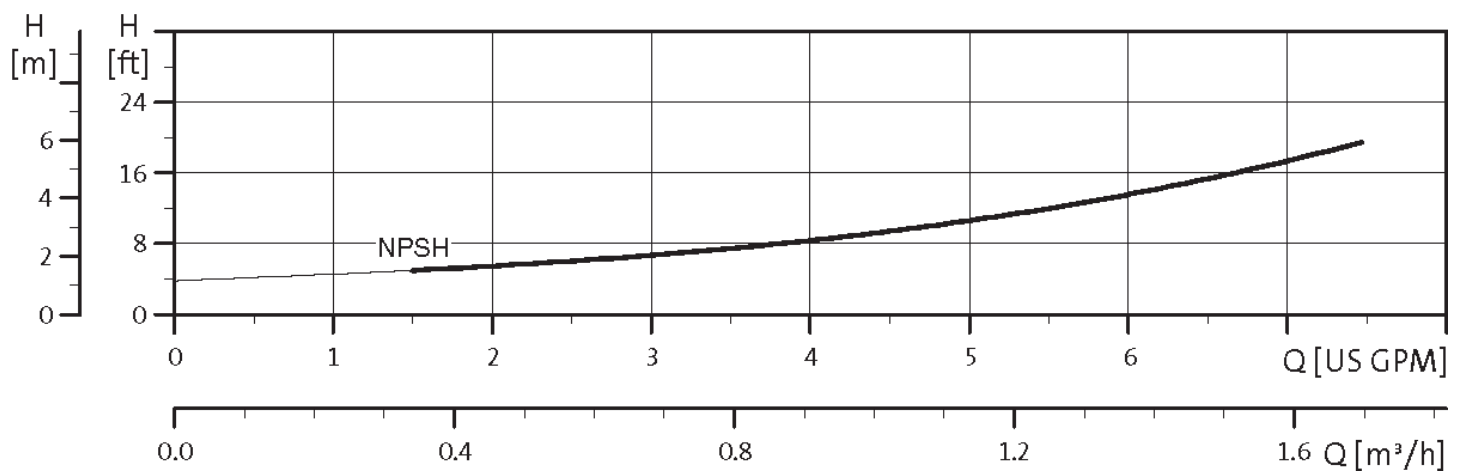
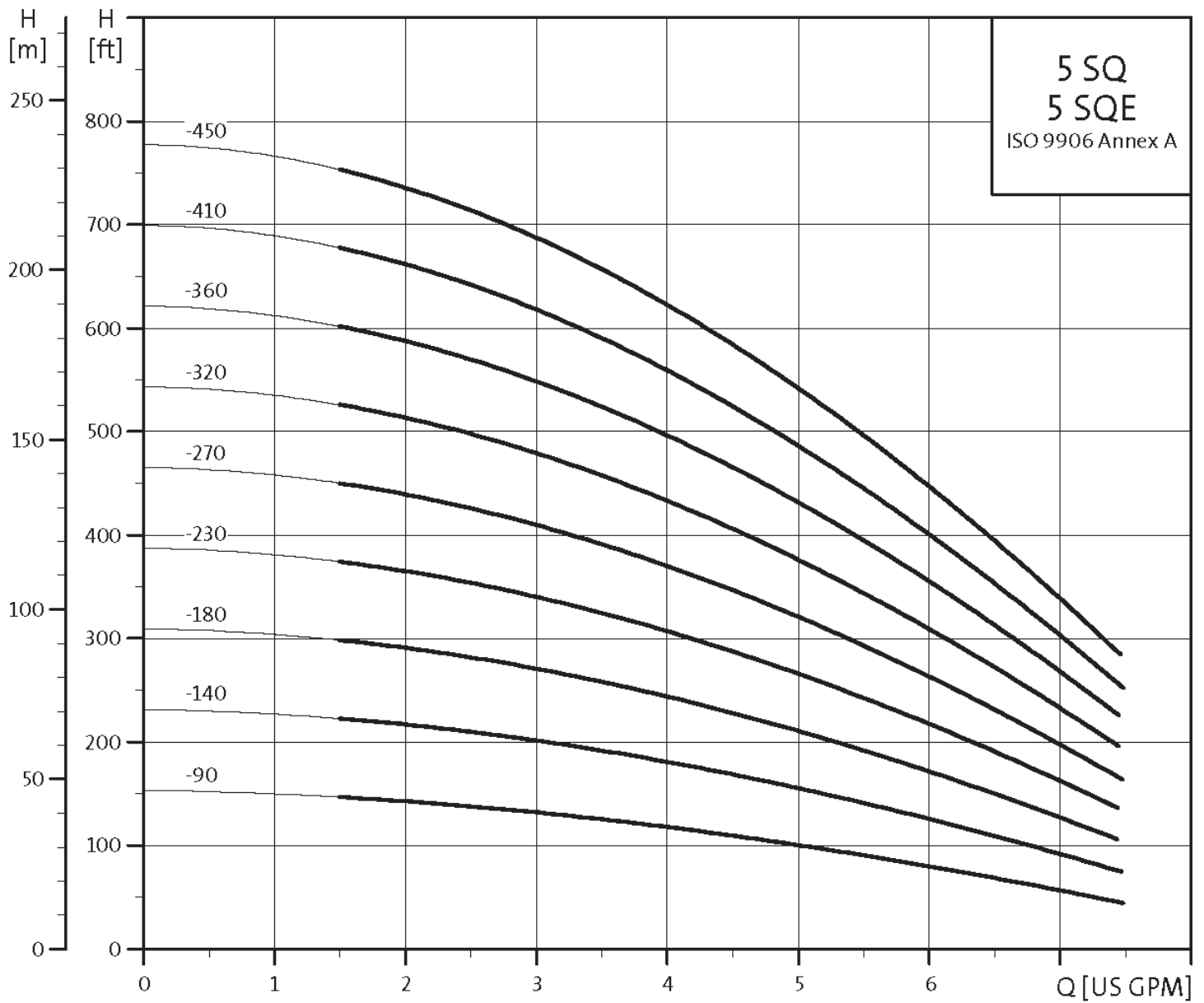
- Groundwater supply for irrigation systems
- Groundwater supply for small waterworks



Type key example SQ, SQE



SQ 3" SUBMERSIBLE PUMPS ► FIXED SPEED PUMPS - STAINLESS STEEL 304



5 SQ: 3" SUBMERSIBLE PUMP - FIXED SPEED

SQ pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Handy Tips: Add an SQ Pressure Kit to turn the pump into an automatic system (includes bore cap, pressure tank, pressure gauge and fittings).

Pumps with high-efficiency motor and integrated protection against:

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temperature: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.05 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQ pumps

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 3" (76 mm)

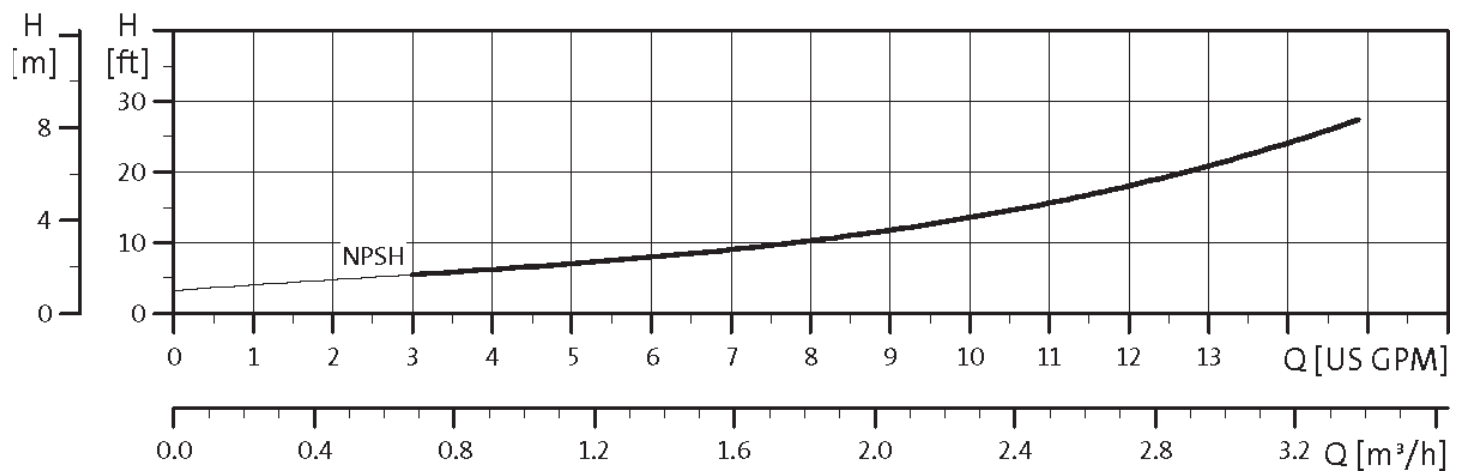
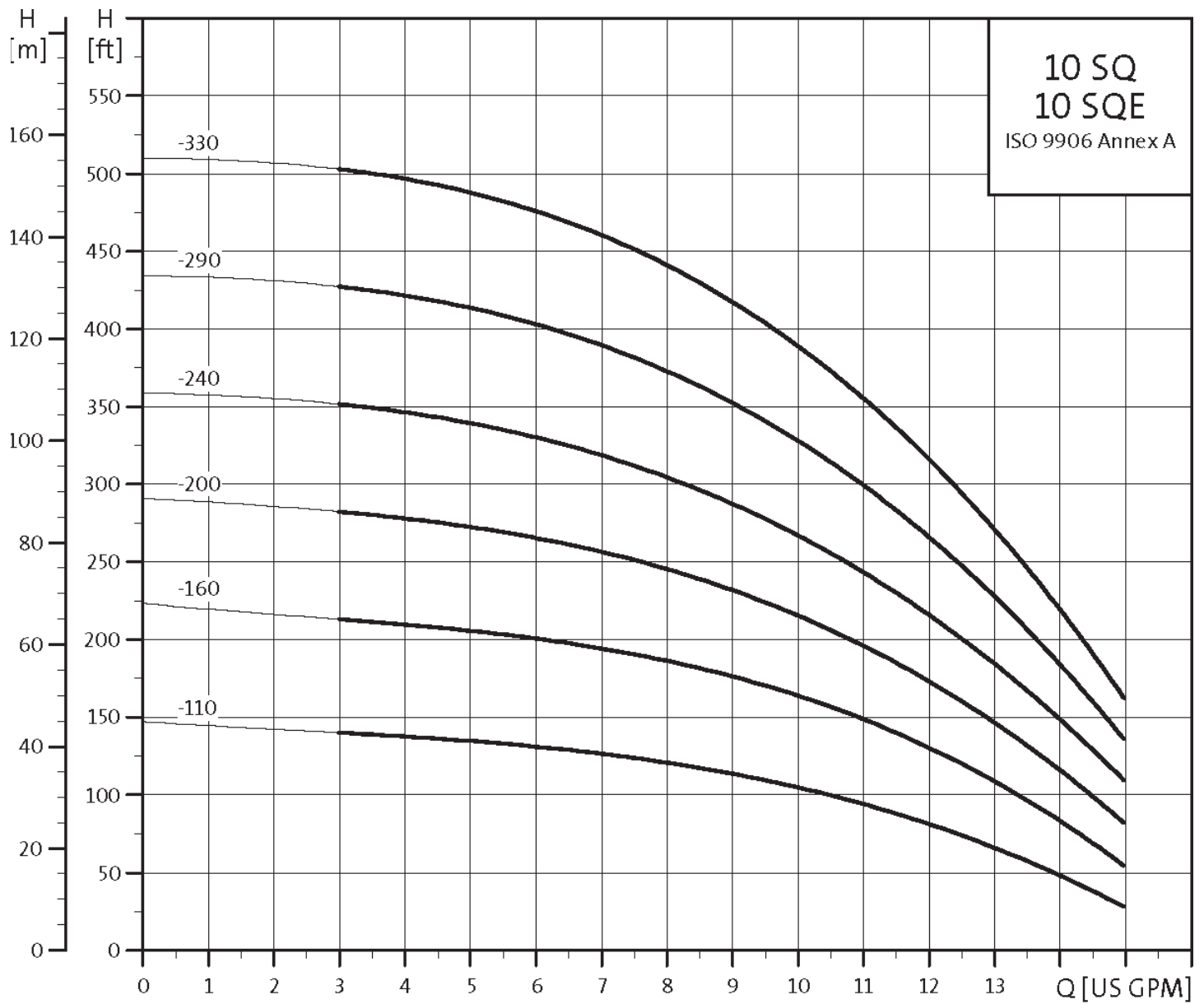
Installation Depth: Max. 492' (150 m)



MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1	34	4	5 SQ05-90	96160130	1,627
0.50	5.2			53	4	5 SQ05-140	96160131	1,656
0.50	5.2			72	4	5 SQ05-180	96160132	1,695
0.50	12.0			34	4	5 SQ05-90	96160163	1,627
0.50	12.0			53	4	5 SQ05-140	96160164	1,656
0.50	12.0			72	4	5 SQ05-180	96160165	1,695
0.75	8.4			91	4	5 SQ07-230	96160133	2,005
0.75	8.4			107	4	5 SQ07-320	96160135	2,089
0.75	8.4			111	4	5 SQ07-270	96160134	2,049
1.00	11.2			135	4	5 SQ10-360	96160136	2,382
1.00	11.2			143	4	5 SQ10-410	96160137	2,490
1.50	12.3			151	4	5 SQ15-450	96160138	2,523

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10 SQ: 3" SUBMERSIBLE PUMP - FIXED SPEED

SQ pumps are designed for pumping clean, non-aggressive and non-explosive liquids, not containing solid particles or fibers. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications; domestic water supply, small waterworks, irrigation, tank applications or pressure boosting.

Handy Tips: Add an SQ Pressure Kit to turn the pump into an automatic system (includes bore cap, pressure tank, pressure gauge and fittings).

Pumps with high efficiency motor and integrated protection against:

- Dry running (automatic restart every 5 minutes)
- Overvoltage and undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQ pumps

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

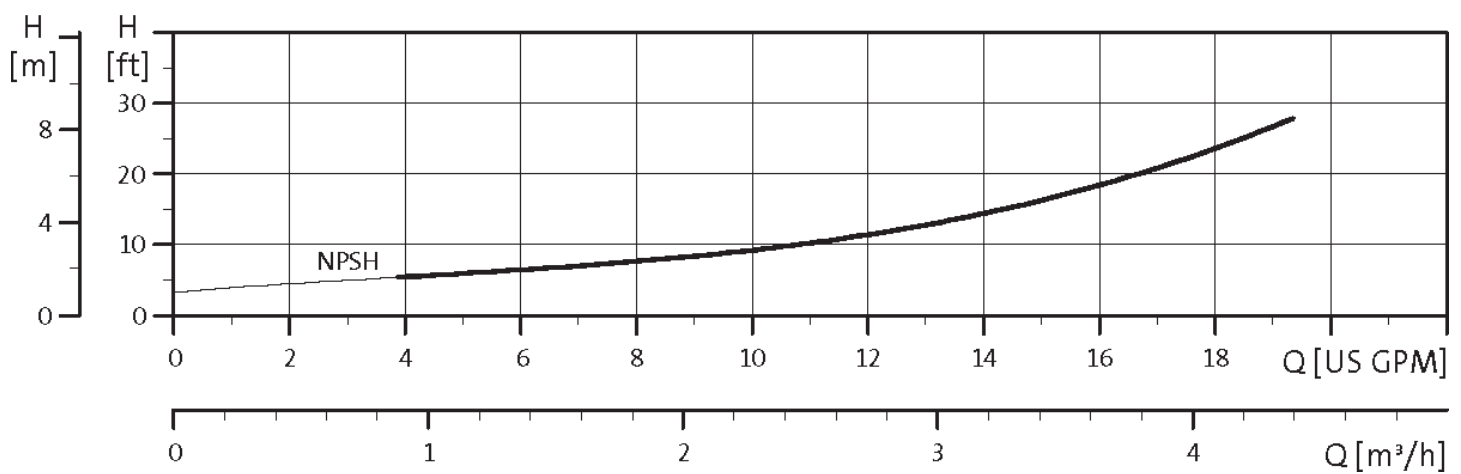
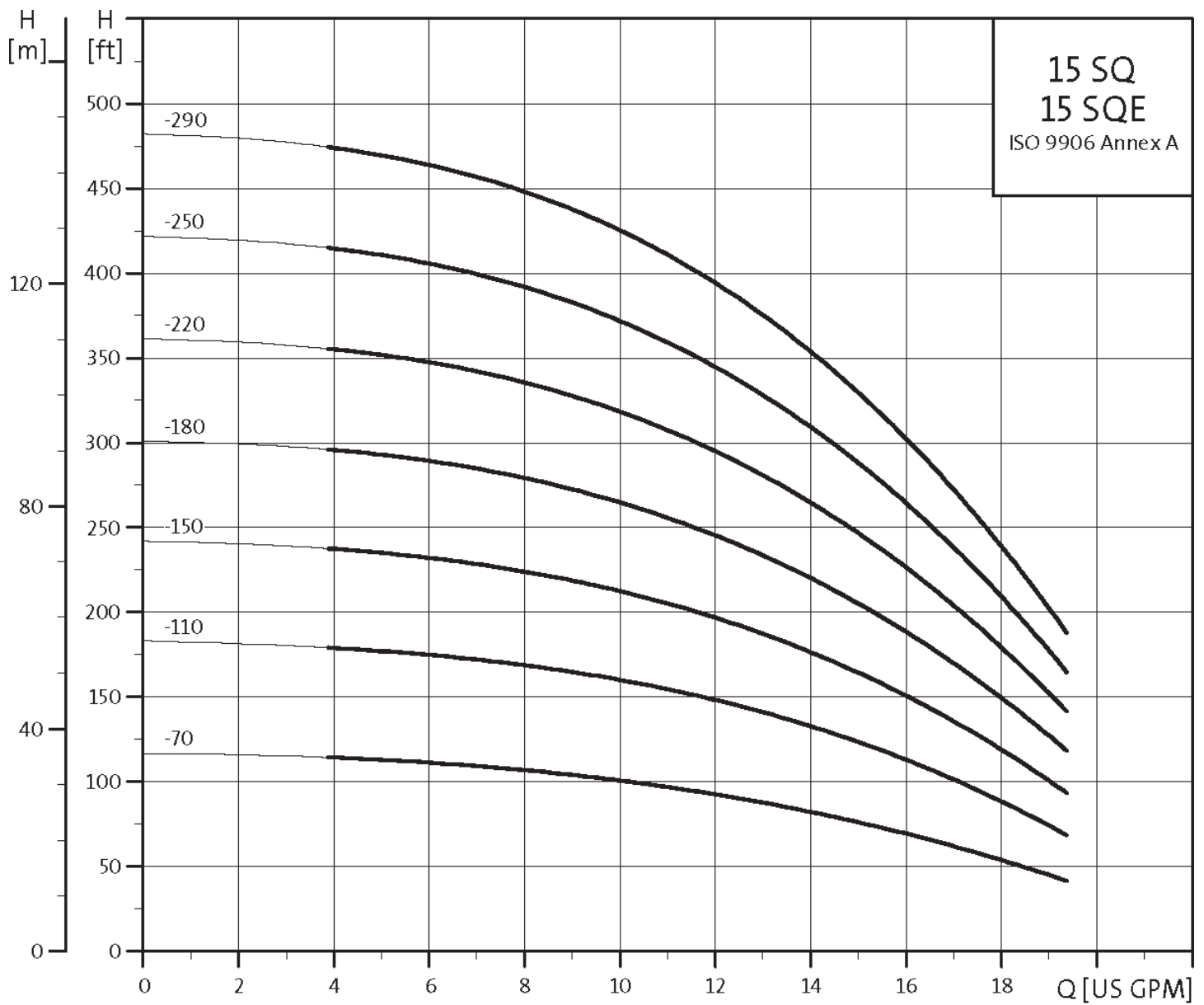
Minimum Well Diameter: Min. 3" (76 mm)

Installation Depth: Max. 492' (150 m)



								MPG WJ
P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/4	35	8	10 SQ05-110	96160139	1,515
0.50	5.2			54	8	10 SQ05-160	96160140	1,533
0.50	12.0			35	8	10 SQ05-110	96160166	1,515
0.50	12.0			54	8	10 SQ05-160	96160167	1,533
0.75	8.4			71	8	10 SQ07-200	96160141	1,747
0.75	8.4			88	8	10 SQ07-240	96160142	1,847
1.00	11.2			108	8	10 SQ10-290	96160143	2,038
1.50	12.3			128	8	10 SQ15-330	96160144	2,081

SQ 3" SUBMERSIBLE PUMPS ► FIXED SPEED PUMPS - STAINLESS STEEL 304



15 SQ: 3" SUBMERSIBLE PUMP - FIXED SPEED

SQ pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Handy Tips: Add an SQ Pressure Kit to turn the pump into an automatic system (includes bore cap, pressure tank, pressure gauge and fittings).

Pumps with high-efficiency motor and integrated protection against:

- Dry running (automatic restart every 5 minutes)
- Overvoltage and undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQ pumps

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 3" (76 mm)

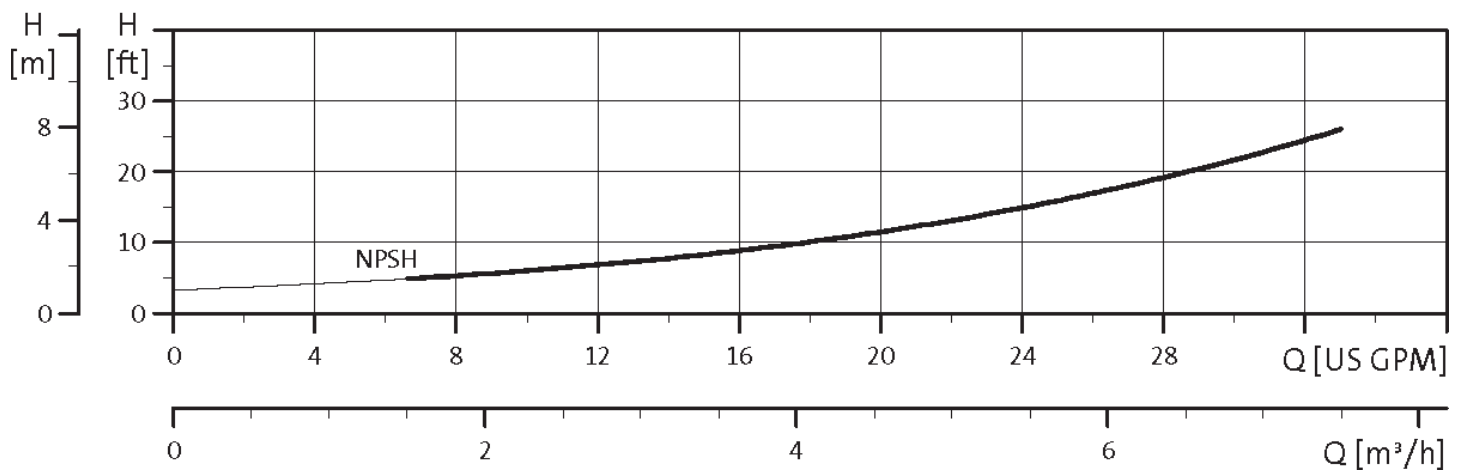
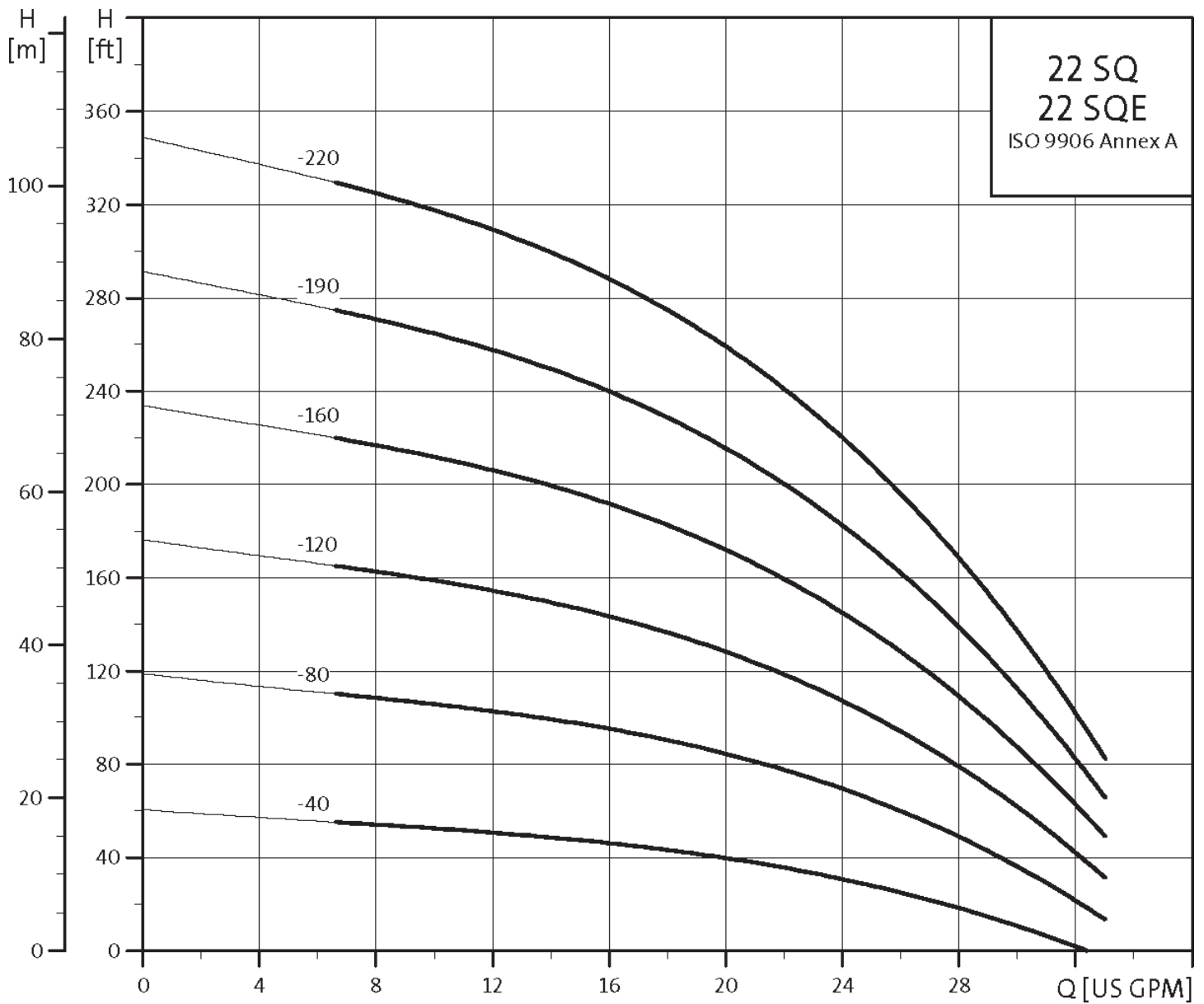
Installation Depth: Max. 492' (150 m)



MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/4	26	13	15 SQ05-70	96160146	1,506
0.50	5.2			42	13	15 SQ05-110	96160147	1,518
0.50	12.0			26	13	15 SQ05-70	96160168	1,506
0.50	12.0			42	13	15 SQ05-110	96160169	1,518
0.75	8.4			56	13	15 SQ07-150	96160148	1,735
0.75	8.4			70	13	15 SQ07-180	96160149	1,825
1.00	11.2			84	13	15 SQ10-220	96160150	1,925
1.00	11.2			98	13	15 SQ10-250	96160151	1,955
1.50	12.3			113	13	15 SQ15-290	96160152	2,237

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22 SQ: 3" SUBMERSIBLE PUMP - FIXED SPEED

SQ pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Handy Tips: Add an SQ Pressure Kit to turn the pump into an automatic system (includes bore cap, pressure tank, pressure gauge and fittings).

Pumps with high-efficiency motor and integrated protection against:

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQ pumps

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 3" (76 mm)

Installation Depth: Max. 492' (150 m)

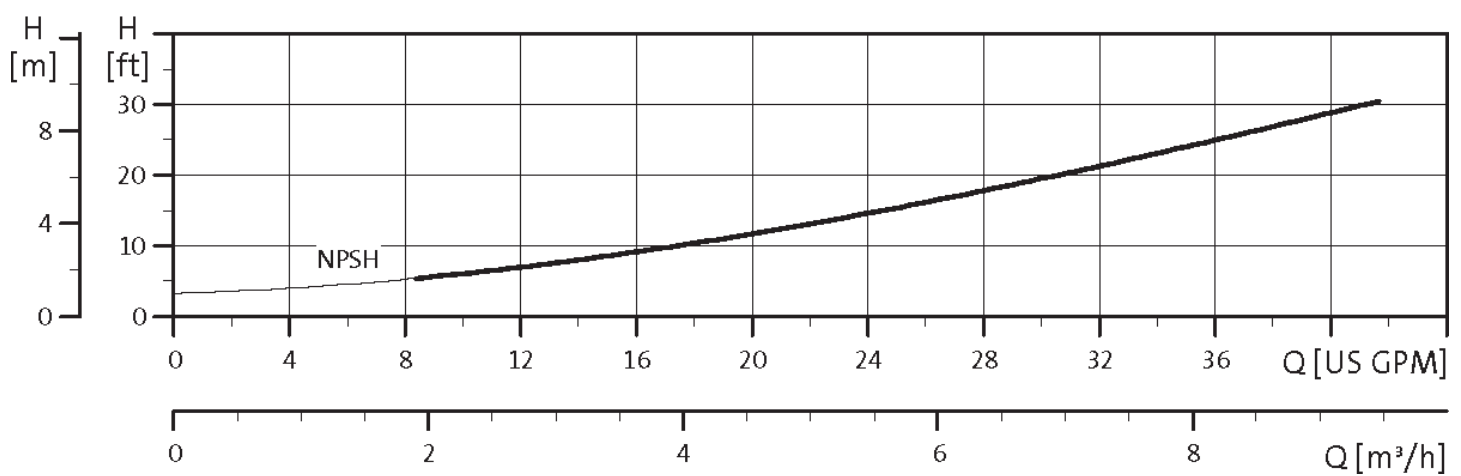
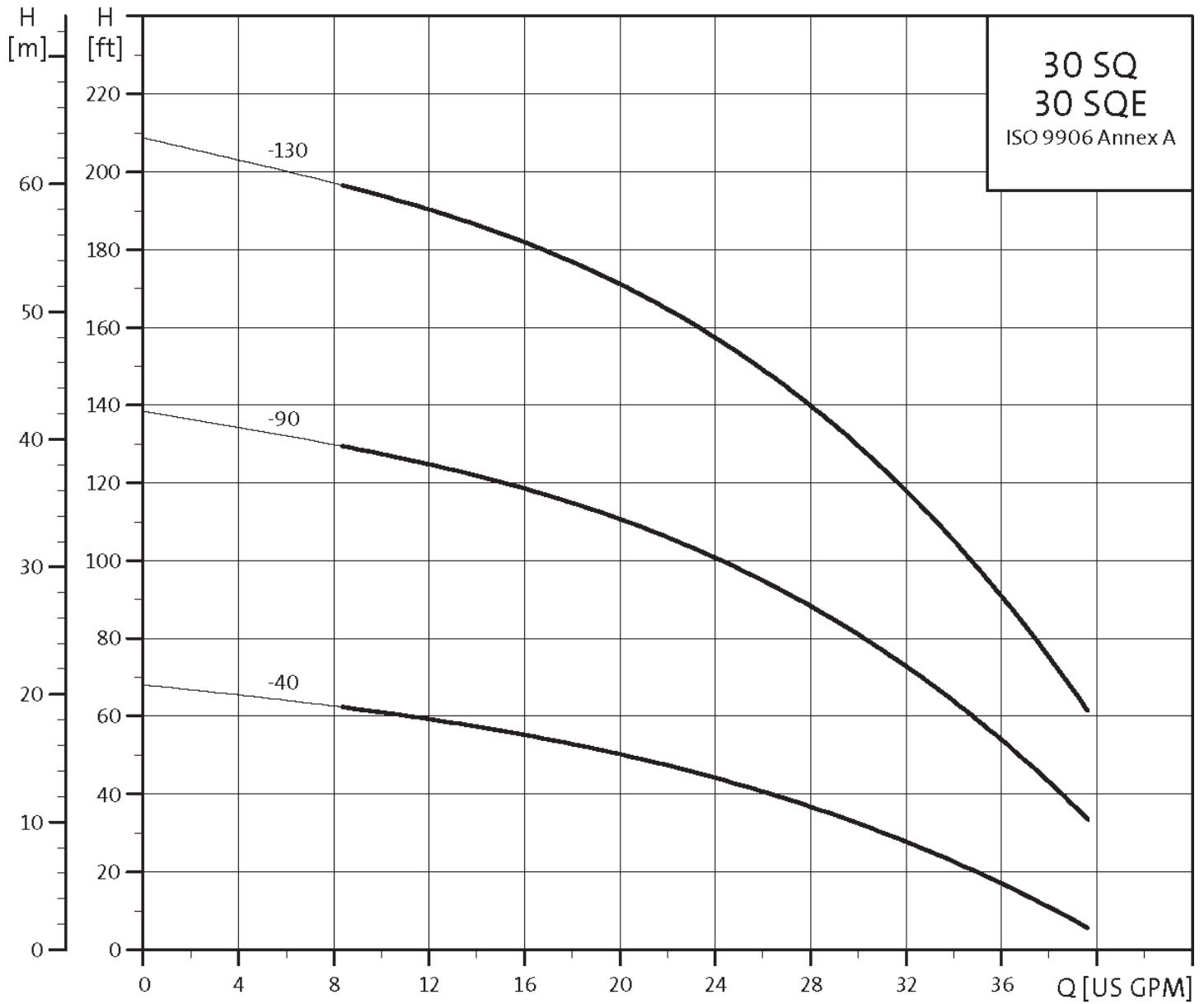


MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/2	12	22	22 SQ05-40	96160153	1,492
0.50	5.2			23	22	22 SQ05-80	96160154	1,574
0.50	12.0			12	22	22 SQ05-40	96160170	1,492
0.50	12.0			23	22	22 SQ05-80	96160171	1,574
0.75	8.4			36	22	22 SQ07-120	96160155	1,818
1.00	11.2			48	22	22 SQ10-160	96160156	1,996
1.00	11.2			57	22	22 SQ10-190	96160157	2,048
1.50	12.3			67	22	22 SQ15-220	96160158	2,455

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SQ 3" SUBMERSIBLE PUMPS ► FIXED SPEED PUMPS - STAINLESS STEEL 304



30 SQ: 3" SUBMERSIBLE PUMP - FIXED SPEED

SQ pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Handy Tips: Add an SQ Pressure Kit to turn the pump into an automatic system (includes bore cap, pressure tank, pressure gauge and fittings).

Pumps with high-efficiency motor and integrated protection against:

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQ pumps

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 3" (76 mm)

Installation Depth: Max. 492' (150 m)

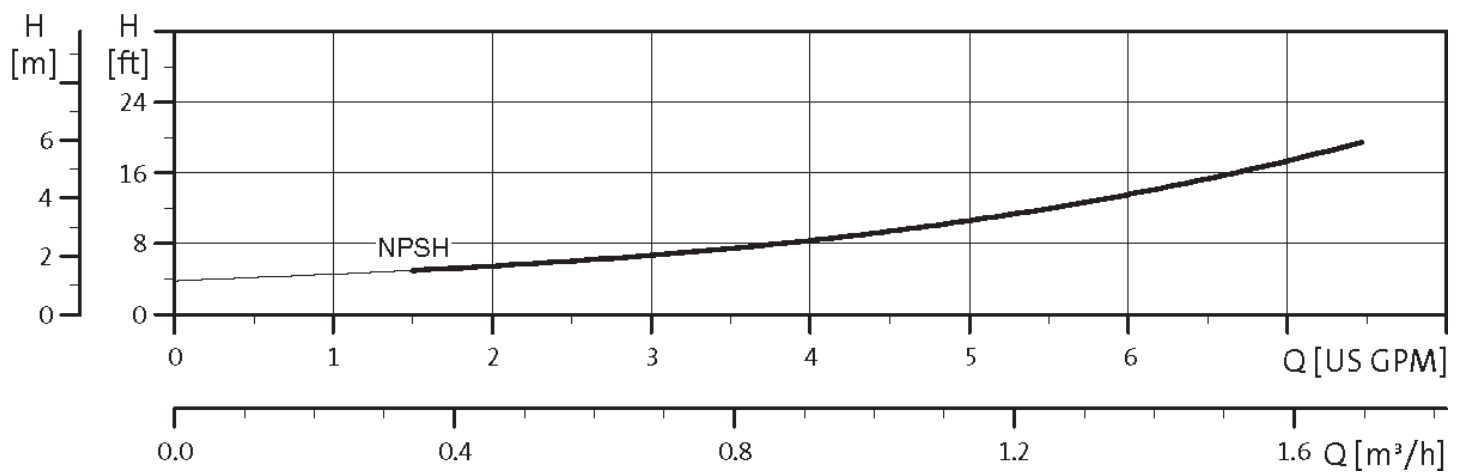
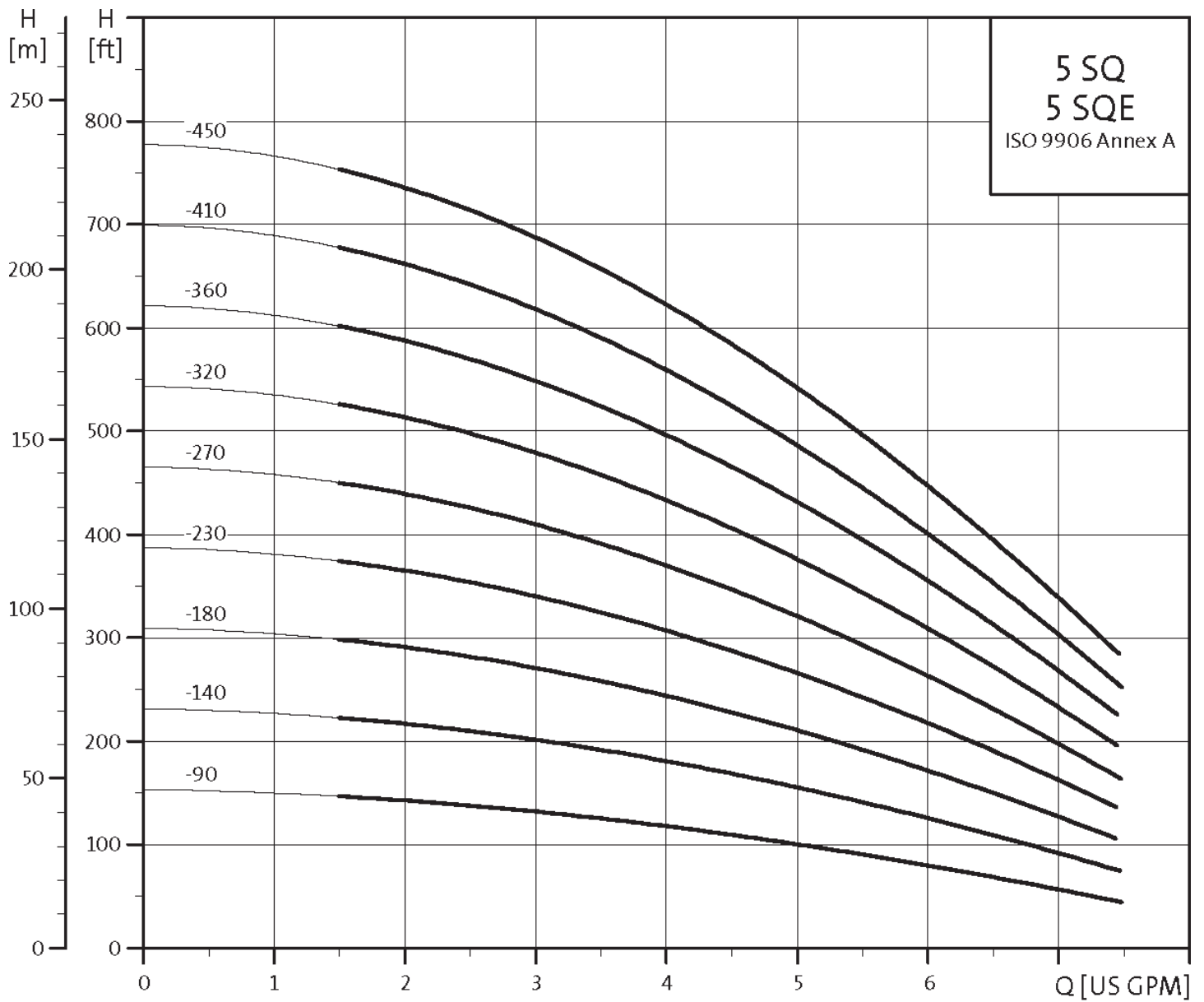


MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/2	12	30	30 SQ05-40	96160159	1,695
0.50	12.0			12	30	30 SQ05-40	96160172	1,695
0.75	8.4			23	30	30 SQ07-90	96160160	2,065
1.00	11.2			37	30	30 SQ10-130	96160161	2,356

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SQ 3" SUBMERSIBLE PUMPS ► VARIABLE SPEED PUMPS - STAINLESS STEEL 304



5 SQE: 3" SUBMERSIBLE PUMP - VARIABLE SPEED

SQE pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

For variable-speed operation, SQE pumps require a CU300 or CU301/CU302, a pressure transducer, and a small pressure tank. The CU301/CU302 is easy to use with Up/Down arrows to control pressure. CU300 is advanced control requiring a GrundfosGO. SQE pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Pumps with high-efficiency motor and integrated protection against :

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQE pumps except when integrating CU300/CU301/CU302 for variable speed and energy savings operation

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Borehole Diameter: Min. 3" (76 mm)

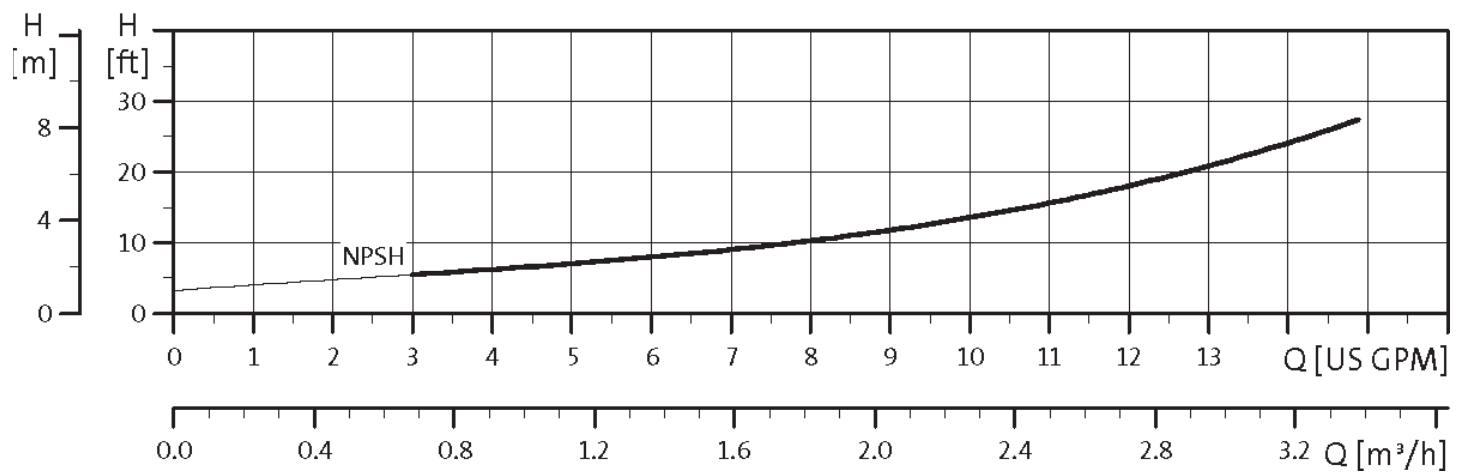
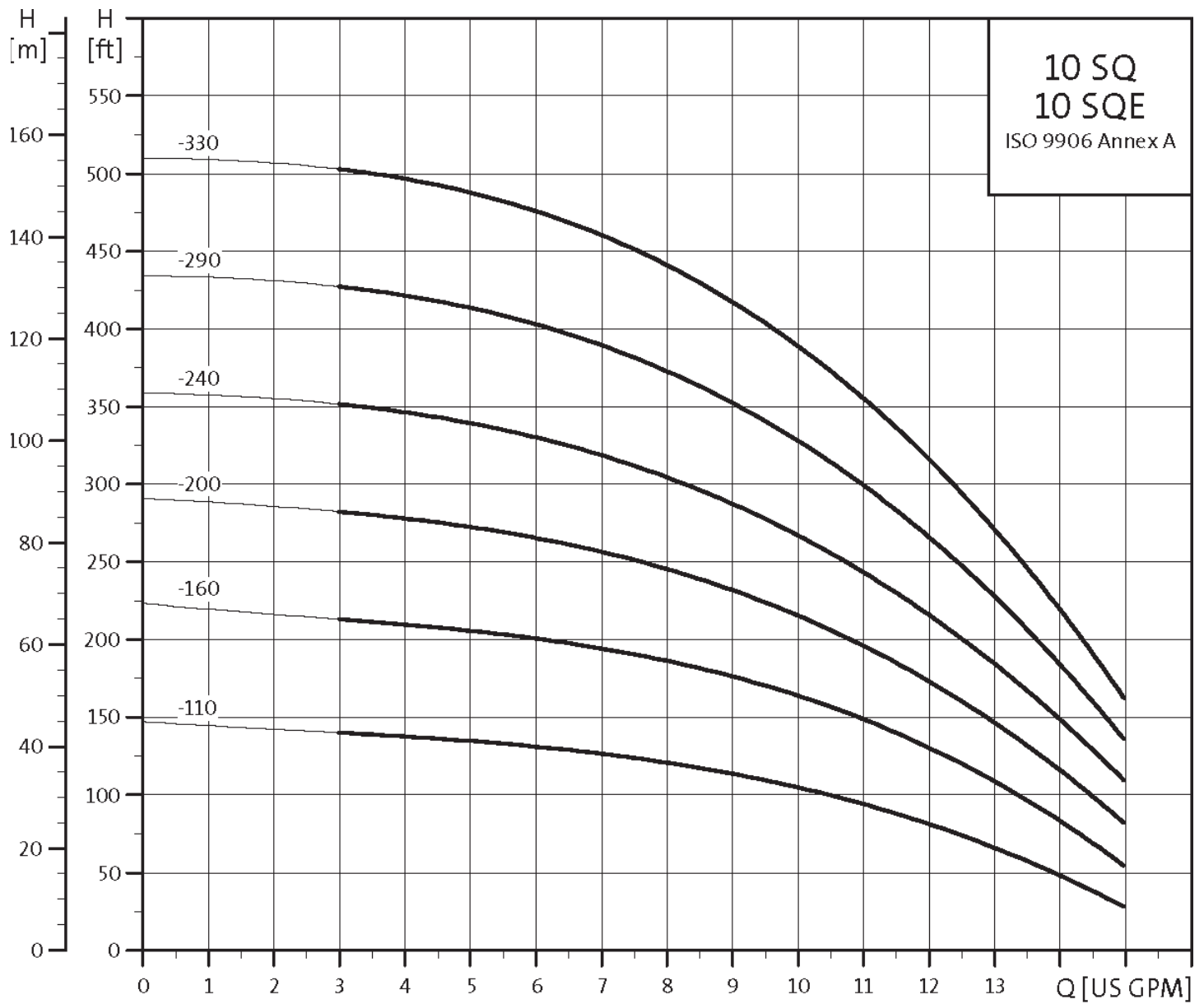
Installation Depth: Max. 492' (150 m)



MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1	34	4	5 SQE05-90	96160173	1,939
0.50	5.2			53	4	5 SQE05-140	96160174	1,971
0.50	5.2			72	4	5 SQE05-180	96160175	2,009
0.50	12.0			34	4	5 SQE05-90	96160206	1,939
0.50	12.0			53	4	5 SQE05-140	96160207	1,971
0.50	12.0			72	4	5 SQE05-180	96160208	2,009
0.75	8.4			91	4	5 SQE07-230	96160176	2,395
0.75	8.4			107	4	5 SQE07-320	96160178	2,476
0.75	8.4			111	4	5 SQE07-270	96160177	2,437
1.00	11.2			135	4	5 SQE10-360	96160179	2,813
1.00	11.2			143	4	5 SQE10-410	96160180	2,934
1.50	12.3			151	4	5 SQE15-450	96160181	2,968

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10 SQE: 3" SUBMERSIBLE PUMP - VARIABLE SPEED

SQE pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

For variable-speed operation, SQE pumps require a CU300 or CU301/CU302, a pressure transducer, and a small pressure tank. The CU301/CU302 is easy to use with Up/Down arrows to control pressure. CU300 is advanced control requiring a GrundfosGO. SQE pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Pumps with high-efficiency motor and integrated protection against :

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQE pumps except when integrating CU300/CU301/CU302 for variable speed and energy savings operation

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Borehole Diameter: Min. 3" (76 mm)

Installation Depth: Max. 492' (150 m)

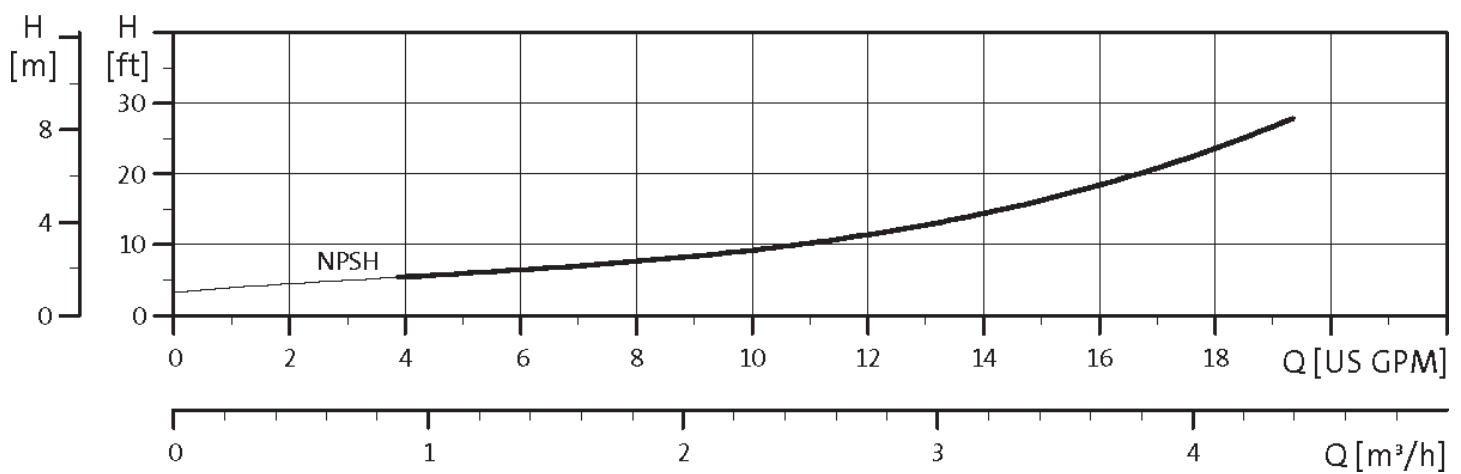
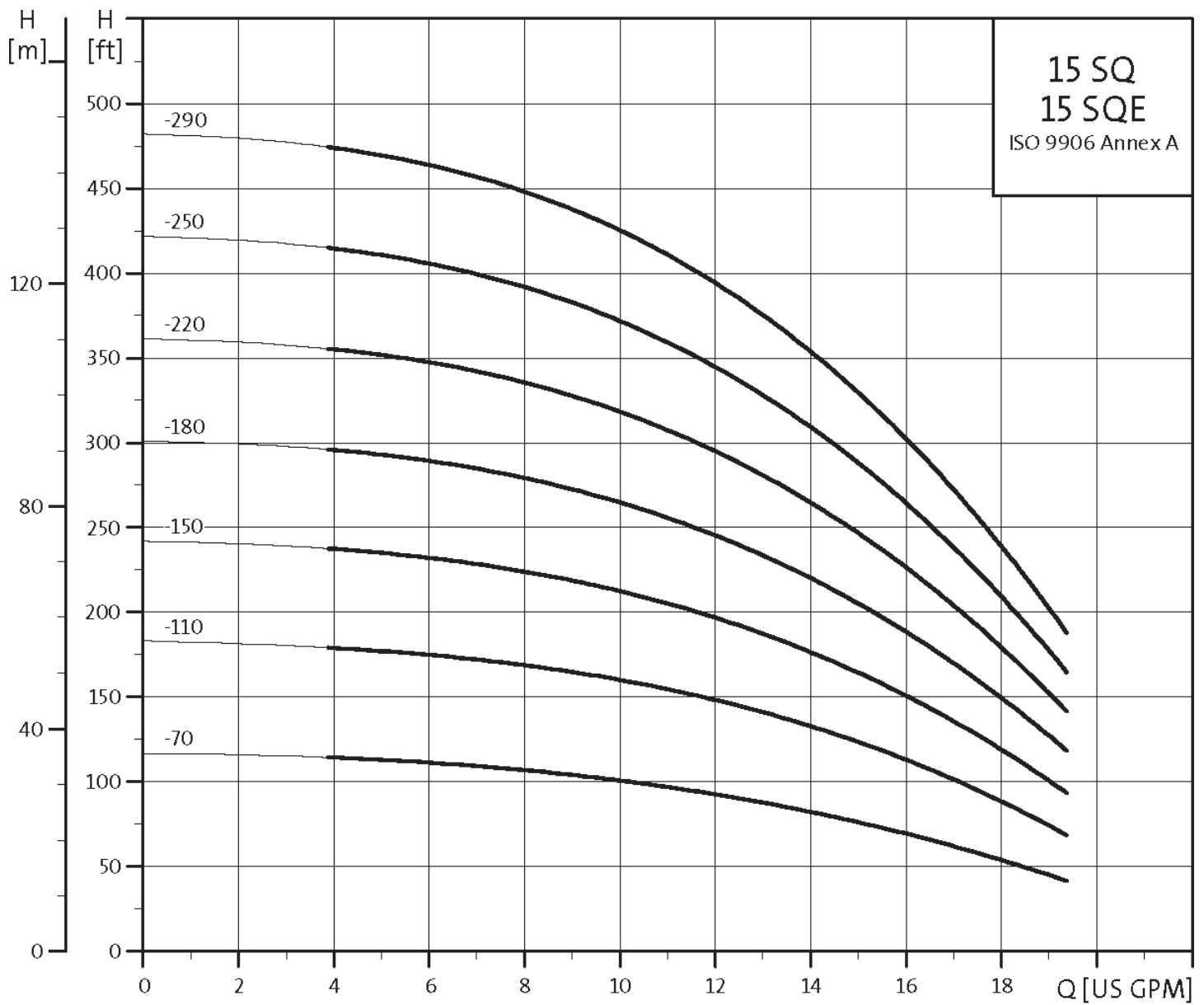


MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/4	35	8	10 SQE05-110	96160182	1,781
0.50	5.2			54	8	10 SQE05-160	96160183	1,787
0.50	12.0			35	8	10 SQE05-110	96160209	1,781
0.50	12.0			54	8	10 SQE05-160	96160210	1,787
0.75	8.4			71	8	10 SQE07-200	96160184	2,128
0.75	8.4			88	8	10 SQE07-240	96160185	2,232
1.00	11.2			108	8	10 SQE10-290	96160186	2,444
1.50	12.3			128	8	10 SQE15-330	96160187	2,500

11

SQ 3" SUBMERSIBLE PUMPS ► VARIABLE SPEED PUMPS - STAINLESS STEEL 304



15 SQE: 3" SUBMERSIBLE PUMP - VARIABLE SPEED

SQE pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

For variable-speed operation, SQE pumps require a CU300 or CU301/CU302, a pressure transducer, and a small pressure tank. The CU301/CU302 is easy to use with Up/Down arrows to control pressure. CU300 is advanced control requiring a GrundfosGO. SQE pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Pumps with high-efficiency motor and integrated protection against :

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQE pumps except when integrating CU300/CU301/CU302 for variable speed and energy savings operation

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Borehole Diameter: Min. 3" (76 mm)

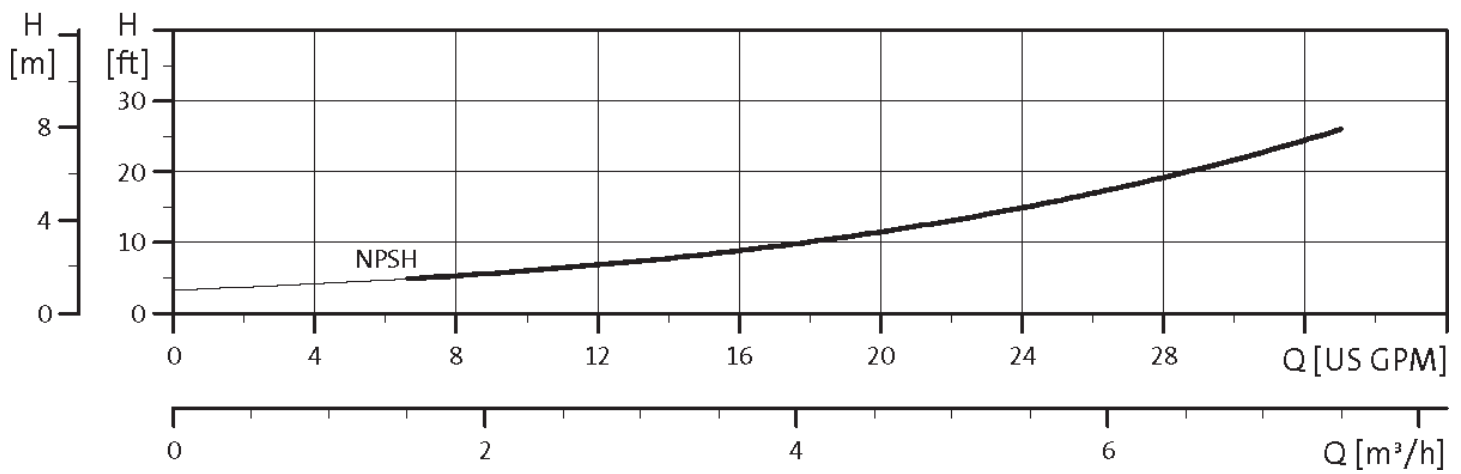
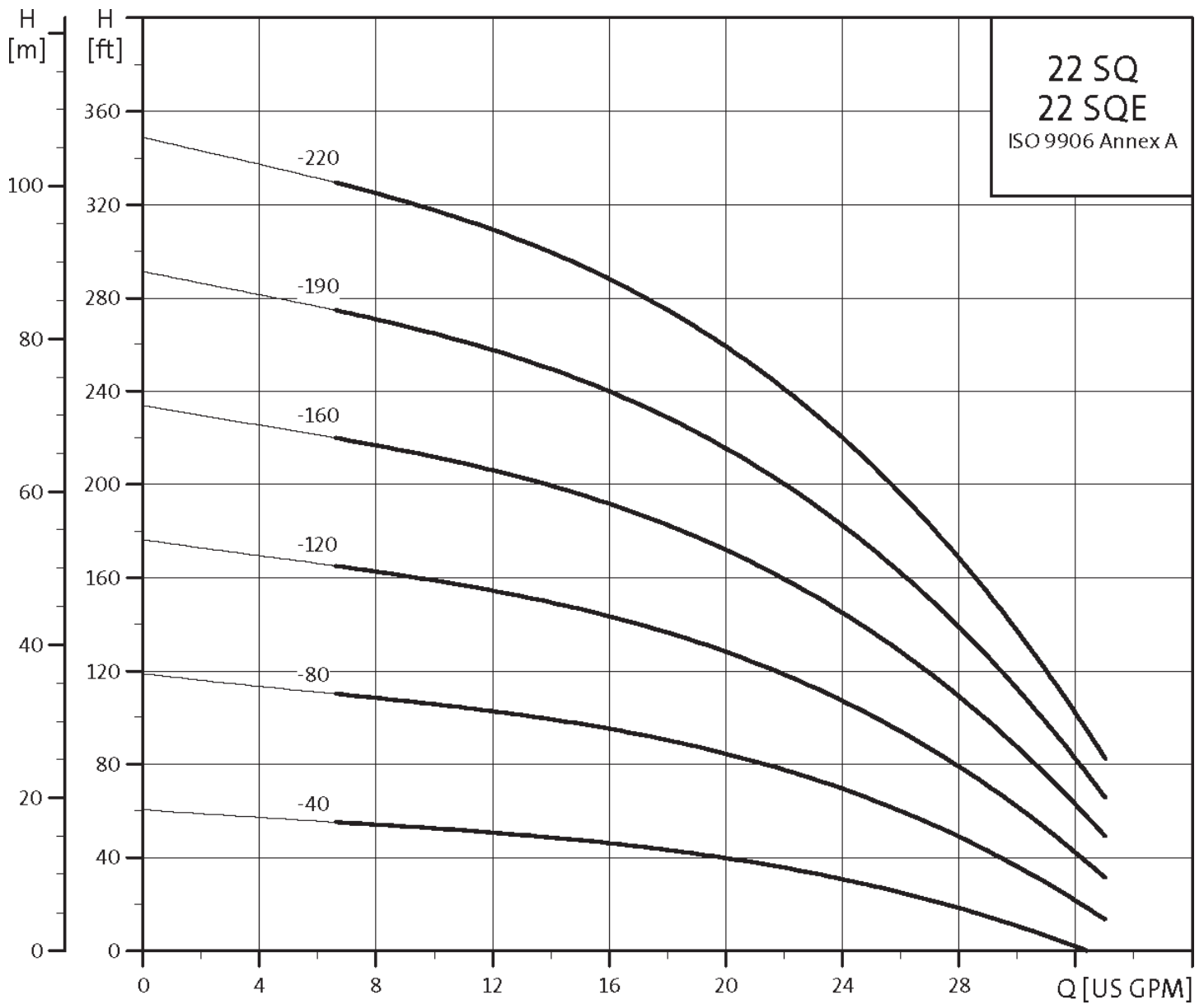
Installation Depth: Max. 492' (150 m)



MPG WJ

P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/4	26	13	15 SQE05-70	96160189	1,781
0.50	5.2			42	13	15 SQE05-110	96160190	1,787
0.50	12.0			26	13	15 SQE05-70	96160211	1,781
0.50	12.0			42	13	15 SQE05-110	96160212	1,787
0.75	8.4			56	13	15 SQE07-150	96160191	2,101
0.75	8.4			70	13	15 SQE07-180	96160192	2,213
1.00	11.2			84	13	15 SQE10-220	96160193	2,327
1.00	11.2			98	13	15 SQE10-250	96160194	2,361
1.50	12.3			113	13	15 SQE15-290	96160195	2,661

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22 SQE: 3" SUBMERSIBLE PUMP - VARIABLE SPEED

SQE pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

For variable-speed operation, SQE pumps require a CU300 or CU301/CU302, a pressure transducer, and a small pressure tank. The CU301/CU302 is easy to use with Up/Down arrows to control pressure. CU300 is advanced control requiring a GrundfosGO. SQE pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Pumps with high-efficiency motor and integrated protection against :

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQE pumps except when integrating CU300/CU301/CU302 for variable speed and energy savings operation

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

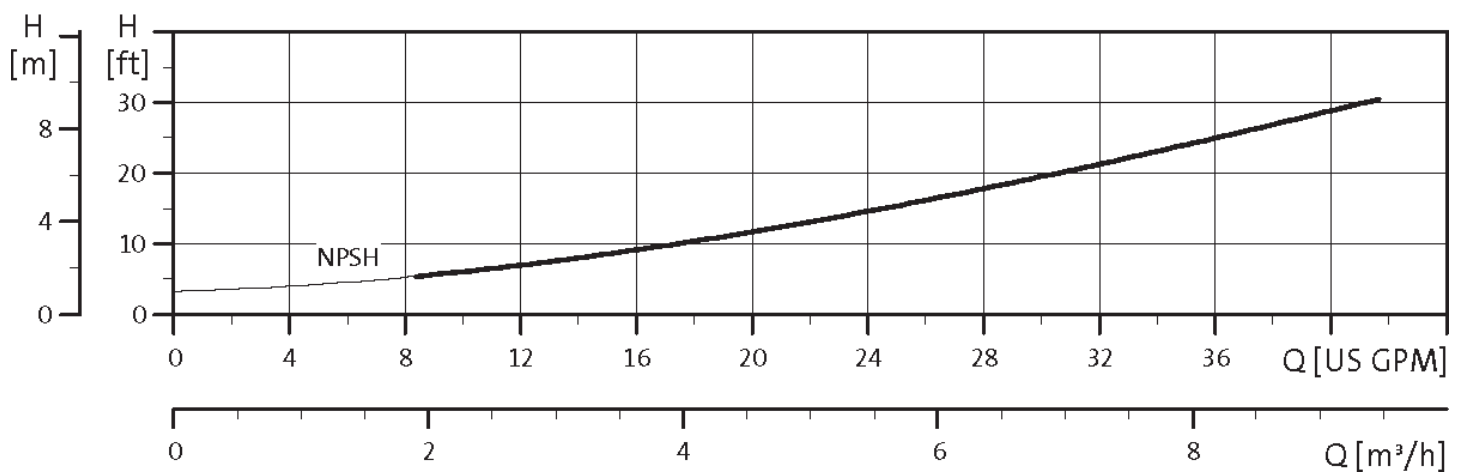
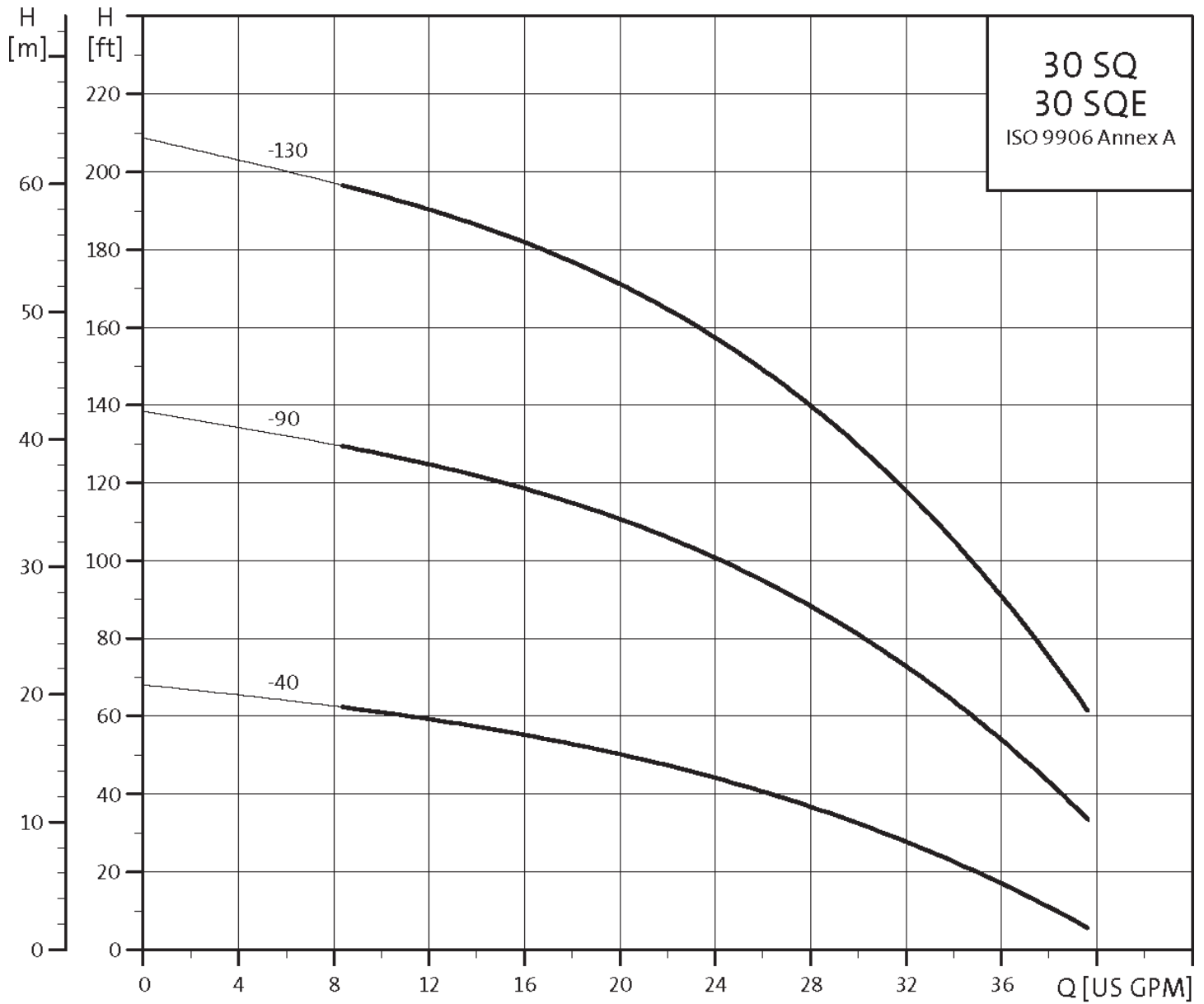
Minimum Borehole Diameter: Min. 3" (76 mm)

Installation Depth: Max. 492' (150 m)



								MPG WJ
P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/2	12	22	22 SQE05-40	96160196	1,757
0.50	5.2			23	22	22 SQE05-80	96160197	1,839
0.50	12.0			12	22	22 SQE05-40	96160213	1,757
0.50	12.0			23	22	22 SQE05-80	96160214	1,839
0.75	8.4			36	22	22 SQE07-120	96160198	2,101
1.00	11.2			48	22	22 SQE10-160	96160199	2,296
1.00	11.2			57	22	22 SQE10-190	96160200	2,399
1.50	12.3			67	22	22 SQE15-220	96160201	2,813

SQ 3" SUBMERSIBLE PUMPS ► VARIABLE SPEED PUMPS - STAINLESS STEEL 304



30 SQE: 3" SUBMERSIBLE PUMP - VARIABLE SPEED

SQE pumps are designed for pumping clean water without solid particles, fibers, aggressive or explosive liquids. SQ pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

For variable-speed operation, SQE pumps require a CU300 or CU301/CU302, a pressure transducer, and a small pressure tank. The CU301/CU302 is easy to use with Up/Down arrows to control pressure. CU300 is advanced control requiring a GrundfosGO. SQE pumps are suitable for both continuous and intermittent operation for a variety of applications: domestic water supply, small waterworks, irrigation, tank applications, or pressure boosting.

Pumps with high-efficiency motor and integrated protection against :

- Dry Running (automatic restart every 5 minutes)
- Overvoltage and Undervoltage, cuts out below 150 Volt and above 315 Volt (up to 6000 Volt)
- Overtemperature
- Overload

Liquid Temp: 40°F to 95°F (2°C to 35°C) up to 104°F (40°C) when flow past motor > 0.5 ft/sec (0.15 m/sec)

pH: 5 to 9

Starting Method: Integrated soft start for all SQE pumps except when integrating CU300/CU301/CU302 for variable speed and energy savings operation

Mains Supply: 1 x 200-240 Volt or 1 x 100-115 Volt (- 10 %/+ 6 %) 60 Hz

Complete Pump Material: Stainless steel AISI 304

Minimum Borehole Diameter: Min. 3" (76 mm)

Installation Depth: Max. 492' (150 m)



								MPG WJ
P2 [HP]	I [A]	Outlet type	Discharge [inch]	Nominal head [m]	Nominal flow gpm	Short description	Part Number	Price
0.50	5.2	NPT(F)	1 1/2	12	30	30 SQE05-40	96160202	2,009
0.50	12.0			12	30	30 SQE05-40	96160215	2,009
0.75	8.4			23	30	30 SQE07-90	96160203	2,449
1.00	11.2			37	30	30 SQE10-130	96160204	2,779

11

SQ(E)-N CABLE / CU300/CU302 / CU 301

SQ 3" SUBMERSIBLE PUMPS ► SQ/SQE ACCESSORIES

SQ/SQE CABLE KITS: SUBMERSIBLE DROP CABLE FOR SQ, SQ-N, SQE, SQE-N

MPG SD



Type of cable:

- EPR 3 x 1.5 mm², screened
- one cable length with motor plug, packed
- 4 screws (M4) for fitting of plug
- 2 screws (M3 x 6) for fitting of cable guard to suction strainer.

Short description	Part Number	Price
SQ Cable, 12AWG, 150ft Model C	97778286	2,565
SQ Cable, ETFE 12AWG, 50ft Model C	97778282	1,093
SQ Cable, ETFE 12AWG, 75ft Model C	97778283	1,494
SQ Cable, ETFE 12AWG, 100ft Model C	97778284	1,796
SQ Cable, ETFE 12AWG, 125ft Model C	97778285	2,182
SQ Cable, ETFE 12AWG, 175ft Model C	97778287	2,944
SQ Cable, ETFE 12AWG, 225ft Model C	97778289	3,703
SQ Cable, ETFE 12AWG, 300ft Model C	97778292	4,492
SQ Cable, ETFE 12AWG, 450ft Model C	97778298	7,092
SQ/SQE MOTOR LEAD (Model C)	97778332	287
SQE-NE Cable ETFE12AWG, 25ft Model C	97778281	694
THHN 14awg 48" 2 wire packaged	96011078	63

CU300/CU302: SQE CONTROL UNIT

MPG WE



The CU300/CU302 is a control and communication unit specially developed for the SQE submersible pumps in constant-pressure applications.

The CU300/CU302 control unit provides the following:

- Easy adjustment to a specific borehole.
- Full control of the SQE pumps.
- Two-way communication with the SQE pumps.
- Alarm indication of pump operation by diodes on the front.
- Possibility of starting, stopping, and resetting the pump.
- Communication with the R100 remote control.

The CU300/CU302 communicates with the pump via mains-borne signaling (Power Line Communication), meaning that no extra cables are required between the CU300/CU302 and the pump.

Product name	Part Number	Price
CU 300 Elunit cpl. American	96422776	1,073

CU 301: CONTROL UNIT

MPG WE



The CU 301 is a control and communication unit especially developed for the SQE submersible pumps in constant-pressure applications.

The CU 301 control unit provides the following:

- Full control of the SQE pumps.
- Two-way communication with the SQE pumps.
- Possibility of adjusting the pressure.
- Alarm indication (LED) when service is needed.
- Possibility of starting, stopping and resetting the pump simply by means of a push-button.

Product name	Part Number	Price
CU 301MKII Elunit/PSI cpl. w. sensor USA	96438895	1,275

SQ/SQE ACCESSORIES: SQ/SQE ACCESSORIES

MPG SD

Accessories suitable for SQ/SQE submersible pumps.

Contact Grundfos for expert advice on which accessories are best for your application.

Short description	Part Number	Price
3" STAINLESS STEEL WELL SEAL	001B5102	46
4" SP and 3" SQ Wrench	99588350	72
PC TOOL Link USB with cables	96705378	876
SQ/SQE FLOW SLEEVE 304SS COMPLETE	98148594	689

CUE / CUE

SQ 3" SUBMERSIBLE PUMPS ► SQ/SQE ACCESSORIES

CUE: SINGLE PHASE EXTERNAL FREQUENCY CONVERTER

Grundfos CUE variable speed drives are a versatile and advanced solution for precise pump control. These drives come equipped with a range of powerful features, ensuring optimal performance and energy efficiency across various liquid transfer applications.

Key Features:

- **User-Friendly Interface:** CUE provides intuitive local and remote operation options.
- **Versatile Control Modes:** With a wide range of control modes, CUE adapts to different applications, including open-loop, proportional differential pressure, and constant pressure control.
- **Simple Setup:** The startup guide simplifies the initial configuration process, automatically adjusting parameters based on pump type.
- **Reliable Operation:** Features like duty/standby and duty/assist enhance system reliability and energy efficiency.
- **Comprehensive Protection:** CUE includes functions for dry-running protection, low-flow stop, and motor bearing monitoring, safeguarding pumps and extending their lifespan.

Ratings:

- 1-phase, 1x200-240 V, 50/60 Hz (1.5 - 10 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)



MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
1 x 200-240						
6.6	1	A3	96754973	CUE 1x200-240V IP20 1,1kW	99616601	2,445
7.5	2	B1	96754973	CUE 1x200-240V IP21 1,5kW	99616602	2,590
10.6	2	B1	96754976	CUE 1x200-240V IP21 2,2kW	99616613	2,793
12.5	2	B1	96754976	CUE 1x200-240V IP21 3,0kW	99616614	2,986
16.7	2	B1	96754976	CUE 1x200-240V IP21 3,7kW	99616615	3,473
24.2	2	B1	96754977	CUE 1x200-240V IP21 5,5kW	99616616	4,014
30.8	2	B2	96754978	CUE 1x200-240V IP21 7,5kW	99616617	4,998

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Ratings:

- 1-phase, 1x200-240 V, 50/60 Hz (1.5 - 10 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)



MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
1 x 200-240						
6.6	4	A5	96754973	CUE 1x200-240V IP55 1,1kW DC	99616625	3,328
7.5	4	B1	96754973	CUE 1x200-240V IP55 1,5kW DC	99616626	3,875
10.6	4	B1	96754976	CUE 1x200-240V IP55 2,2kW DC	99616627	4,179
12.5	4	B1	96754976	CUE 1x200-240V IP55 3,0kW DC	99616628	4,490
16.7	4	B1	96754976	CUE 1x200-240V IP55 3,7kW DC	99616629	5,105
24.2	4	B1	96754977	CUE 1x200-240V IP55 5,5kW DC	99616630	5,816

Continuation

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
30.8	4	B2	96754978	CUE 1x200-240V IP55 7,5kW DC	99616631	6,779

CUE: THREE PHASE EXTERNAL FREQUENCY CONVERTER

Grundfos CUE variable speed drives are a versatile and advanced solution for precise pump control. These drives come equipped with a range of powerful features, ensuring optimal performance and energy efficiency across various liquid transfer applications.

Key Features:

- User-Friendly Interface: CUE provides intuitive local and remote operation options.
- Versatile Control Modes: With a wide range of control modes, CUE adapts to different applications, including open-loop, proportional differential pressure, and constant pressure control.
- Simple Setup: The startup guide simplifies the initial configuration process, automatically adjusting parameters based on pump type.
- Reliable Operation: Features like duty/standby and duty/assist enhance system reliability and energy efficiency.
- Comprehensive Protection: CUE includes functions for dry-running protection, low-flow stop, and motor bearing monitoring, safeguarding pumps and extending their lifespan.

Ratings:

- 3-phase, 3x200-240 V 50/60 Hz (1 - 60 hp)
- 3-phase, 3x380-500 V 50/60 Hz (0.75 - 300 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 10 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 300 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)



11

MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
3 x 200-240						
4.6	1	A2	96754973	CUE 3x200-240V IP20 0,75kW	99616636	1,311
6.6	1	A2	96754973	CUE 3x200-240V IP20 1,1kW	99616637	1,387
7.5	1	A2	96754973	CUE 3x200-240V IP20 1,5kW	99616638	1,435
10.6	1	A2	96754976	CUE 3x200-240V IP20 2,2kW	99616639	1,750
12.5	1	A3	96754976	CUE 3x200-240V IP20 3,0kW	99616640	1,948
16.7	1	A3	96754976	CUE 3x200-240V IP20 3,7kW	99616641	2,239
24.2	1	B3	96754977	CUE 3x200-240V IP20 5,5kW	99616642	2,825
30.8	1	B3	96754978	CUE 3x200-240V IP20 7,5kW	99616643	3,147
46.2	1	B3	96755019	CUE 3x200-240V IP20 11kW	99616644	3,430
59.4	1	B4	96755021	CUE 3x200-240V IP20 15kW	99616645	4,061
74.8	1	B4	96755032	CUE 3x200-240V IP20 18,5kW	99616646	4,950
88.0	1	C3	97774436	CUE 3x200-240V IP20 22kW	99616647	5,822
115.0	1	C3	97774436	CUE 3x200-240V IP20 30kW	99616648	8,074
143.0	1	C4	97775142	CUE 3x200-240V IP20 37kW	99616649	10,146
170.0	1	C4	97775142	CUE 3x200-240V IP20 45kW	99616650	12,291
3 x 380-440/441-500						
3-2,7	1	A2	96754972	CUE 3x380-500V IP20 1,1kW	99616709	1,325
10-8,2	1	A2	96754974	CUE 3x380-500V IP20 4,0kW	99616713	1,672
13-11	1	A3	96754976	CUE 3x380-500V IP20 5,5kW	99616714	2,001
1,8-1,6	1	A2	96754941	CUE 3x380-500V IP20 0,55kW	99616707	1,283
2,4-2,1	1	A2	96754941	CUE 3x380-500V IP20 0,75kW	99616708	1,307
24-21	1	B3	96754977	CUE 3x380-500V IP20 11kW	99616716	2,643
32-27	1	B3	96754978	CUE 3x380-500V IP20 15kW	99616717	3,029
4,1-3,4	1	A2	96754972	CUE 3x380-500V IP20 1,5kW	99616710	1,372
44-40	1	B4	96755019	CUE 3x380-500V IP20 22kW	99616719	4,556
5,6-4,8	1	A2	96754973	CUE 3x380-500V IP20 2,2kW	99616711	1,460
61-52	1	B4	96755021	CUE 3x380-500V IP20 30kW	99616720	5,562
7,2-6,3	1	A2	96754973	CUE 3x380-500V IP20 3,0kW	99616712	1,524
73-65	1	B4	96755032	CUE 3x380-500V IP20 37kW	99616721	6,934
90-80	1	C3	97774436	CUE 3x380-500V IP20 45kW	99616722	8,523
16-14,5	1	A3	96754976	CUE 3x380-500V IP20 7,5kW	99616715	2,313
37,5-34	1	B3	96754978	CUE 3x380-500V IP20 18,5kW	99616718	3,697

CUE / CUE

SQ 3" SUBMERSIBLE PUMPS ► SQ/SQE ACCESSORIES

Continuation

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
106-105	1	C3	97774436	CUE 3x380-500V IP20 55kW	99616723	10,254
147-130	1	C4	97775142	CUE 3x380-500V IP20 75kW	99616724	11,660
177-160	1	C4	97775142	CUE 3x380-500V IP20 90kW	99616725	12,607
212-190	2	D1H	97775146	CUE 3x380-500V IP21 110kW	99616726	13,308
260-240	2	D1H	97775146	CUE 3x380-500V IP21 132kW	99616727	16,133
315-302	2	D1H	97775148	CUE 3x380-500V IP21 160kW	99616728	19,694
395-361	2	D2H	97775148	CUE 3x380-500V IP21 200kW	99616729	23,596
480-443	2	D2H	97775149	CUE 3x380-500V IP21 250kW	99616730	29,388
3 x 525-550/551-600						
9,5-9	1	A3		CUE 3x525-600V IP20 5,5kW	99616833	2,778
1,8-1,7	1	A3		CUE 3x525-600V IP20 0,75kW	99616827	2,226
19-18	1	B3		CUE 3x525-600V IP20 11kW	99616835	3,590
23-22	1	B3		CUE 3x525-600V IP20 15kW	99616836	4,191
2,6-2,4	1	A3		CUE 3x525-600V IP20 1,1kW	99616828	2,252
28-27	1	B3		CUE 3x525-600V IP20 18,5kW	99616837	5,156
2,9-2,7	1	A3		CUE 3x525-600V IP20 1,5kW	99616829	2,279
36-34	1	B4		CUE 3x525-600V IP20 22kW	99616838	6,293
4,1-3,9	1	A3		CUE 3x525-600V IP20 2,2kW	99616830	2,305
43-41	1	B4		CUE 3x525-600V IP20 30kW	99616839	7,666
5,2-4,9	1	A3		CUE 3x525-600V IP20 3,0kW	99616831	2,383
54-52	1	B4		CUE 3x525-600V IP20 37kW	99616840	9,454
6,4-6,1	1	A3		CUE 3x525-600V IP20 4,0kW	99616832	2,484
65-62	1	C3		CUE 3x525-600V IP20 45kW	99616841	11,781
87-83	1	C3		CUE 3x525-600V IP20 55kW	99616842	14,268
11,5-11	1	A3		CUE 3x525-600V IP20 7,5kW	99616834	3,132
105-100	1	C4		CUE 3x525-600V IP20 75kW	99616843	17,176
137-131	1	C4		CUE 3x525-600V IP20 90kW	99616844	19,813
3 x 525-550/551-690						
137-131	2	D1H	97775166	CUE 3x525-690V IP21 110kW	99616873	20,108
162-155	2	D1H	97775167	CUE 3x525-690V IP21 132kW	99616874	24,374
201-192	2	D1H	97775167	CUE 3x525-690V IP21 160kW	99616875	29,740
253-242	2	D2H	97775168	CUE 3x525-690V IP21 200kW	99616876	35,645
303-290	2	D2H	97775168	CUE 3x525-690V IP21 250kW	99616877	45,728

CUE: THREE PHASE EXTERNAL FREQUENCY CONVERTER

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- Simple Setup: The startup guide simplifies the initial configuration process, automatically adjusting parameters based on pump type.
- Reliable Operation: Features like duty/standby and duty/assist enhance system reliability and energy efficiency.
- Comprehensive Protection: CUE includes functions for dry-running protection, low-flow stop, and motor bearing monitoring, safeguarding pumps and extending their lifespan.

Ratings:

- 3-phase, 3x200-240 V 50/60 Hz (1 - 60 hp)
- 3-phase, 3x380-500 V 50/60 Hz (0.75 - 300 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 10 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 300 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)



MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
3 x 200-240						
4.6	4	A4	96754973	CUE 3x200-240V IP55 0,75kW DC	99660285	2,617

Continuation

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
4.6	6	A4		CUE 3x200-240V IP66 0,75kW DC	99619018	3,018
6.6	4	A4	96754973	CUE 3x200-240V IP55 1,1kW DC	99660287	2,786
6.6	6	A4		CUE 3x200-240V IP66 1,1kW DC	99619019	3,127
7.5	4	A4	96754973	CUE 3x200-240V IP55 1,5kW DC	99660289	2,954
7.5	6	A4		CUE 3x200-240V IP66 1,5kW DC	99619020	3,275
10.6	4	A4	96754976	CUE 3x200-240V IP55 2,2kW DC	99660290	3,060
10.6	6	A4		CUE 3x200-240V IP66 2,2kW DC	99619021	3,418
12.5	4	A5	96754976	CUE 3x200-240V IP55 3,0kW DC	99616696	3,184
12.5	6	A5		CUE 3x200-240V IP66 3,0kW DC	99619022	3,548
16.7	4	A5	96754976	CUE 3x200-240V IP55 3,7kW DC	99616697	3,318
16.7	6	A5		CUE 3x200-240V IP66 3,7kW DC	99619023	3,883
24.2	4	B1	96754977	CUE 3x200-240V IP55 5,5kW DC	99616698	4,726
24.2	6	B1		CUE 3x200-240V IP66 5,5kW DC	99619024	4,944
30.8	4	B1	96754978	CUE 3x200-240V IP55 7,5kW DC	99616699	4,875
30.8	6	B1		CUE 3x200-240V IP66 7,5kW DC	99619025	5,277
46.2	4	B1	96755019	CUE 3x200-240V IP55 11kW DC	99616700	5,196
46.2	6	B1		CUE 3x200-240V IP66 11kW DC	99619026	6,022
59.4	4	B2	96755021	CUE 3x200-240V IP55 15kW DC	99616701	6,325
59.4	6	B2		CUE 3x200-240V IP66 15kW DC	99619027	7,194
74.8	4	C1	96755032	CUE 3x200-240V IP55 18,5kW DC	99616702	8,476
74.8	6	C1		CUE 3x200-240V IP66 18,5kW DC	99619028	9,322
88.0	4	C1	97774436	CUE 3x200-240V IP55 22kW DC	99616703	9,519
88.0	6	C1		CUE 3x200-240V IP66 22kW DC	99619029	10,536
115.0	4	C1	97774436	CUE 3x200-240V IP55 30kW DC	99616704	11,815
115.0	6	C1		CUE 3x200-240V IP66 30kW DC	99619031	12,991
143.0	4	C2	97775142	CUE 3x200-240V IP55 37kW DC	99616705	14,902
143.0	6	C2		CUE 3x200-240V IP66 37kW DC	99619032	16,229
170.0	4	C2	97775142	CUE 3x200-240V IP55 45kW DC	99616706	18,011
170.0	6	C2		CUE 3x200-240V IP66 45kW DC	99619033	19,525
3 x 380-440/441-500						
3-2,7	4	A4	96754972	CUE 3x380-500V IP55 1,1kW DC	99660293	2,879
3-2,7	6	A4		CUE 3x380-500V IP66 1,1kW DC	99619037	3,192
10-8,2	4	A4	96754974	CUE 3x380-500V IP55 4,0kW DC	99660297	3,861
10-8,2	6	A4		CUE 3x380-500V IP66 4,0kW DC	99619041	3,821
13-11	4	A5	96754976	CUE 3x380-500V IP55 5,5kW DC	99616805	4,156
13-11	6	A5		CUE 3x380-500V IP66 5,5kW DC	99619042	4,115
1,8-1,6	4	A4	96754941	CUE 3x380-500V IP55 0,55kW DC	99660291	2,767
1,8-1,6	6	A4		CUE 3x380-500V IP66 0,55kW DC	99619034	2,938
2,4-2,1	4	A4	96754941	CUE 3x380-500V IP55 0,75kW DC	99660292	2,825
2,4-2,1	6	A4		CUE 3x380-500V IP66 0,75kW DC	99619036	3,036
24-21	4	B1	96754977	CUE 3x380-500V IP55 11kW DC	99616807	5,351
24-2,1	6	B1		CUE 3x380-500V IP66 11kW DC	99619044	5,217
32-27	4	B1	96754978	CUE 3x380-500V IP55 15kW DC	99616808	5,722
32-27	6	B1		CUE 3x380-500V IP66 15kW DC	99619045	5,774
4,1-3,4	4	A4	96754972	CUE 3x380-500V IP55 1,5kW DC	99660294	3,285
4,1-3,4	6	A4		CUE 3x380-500V IP66 1,5kW DC	99619038	3,398
44-40	4	B2	96755019	CUE 3x380-500V IP55 22kW DC	99616810	7,534
44-40	6	B2		CUE 3x380-500V IP66 22kW DC	99619047	7,432
5,6-4,8	4	A4	96754973	CUE 3x380-500V IP55 2,2kW DC	99660295	3,391
5,6-4,8	6	A4		CUE 3x380-500V IP66 2,2kW DC	99619039	3,527
61-52	4	B2	96755021	CUE 3x380-500V IP55 30kW DC	99616811	9,104
61-52	6	B2		CUE 3x380-500V IP66 30kW DC	99619048	8,685
7,2-6,3	4	A4	96754973	CUE 3x380-500V IP55 3,0kW DC	99660296	3,562
7,2-6,3	6	A4		CUE 3x380-500V IP66 3,0kW DC	99619040	3,639
73-65	4	C1	96755032	CUE 3x380-500V IP55 37kW DC	99616812	11,501
73-65	6	C1		CUE 3x380-500V IP66 37kW DC	99619049	10,975
90-80	4	C1	97774436	CUE 3x380-500V IP55 45kW DC	99616813	13,203
90-80	6	C1		CUE 3x380-500V IP66 45kW DC	99619050	13,013
16-14,5	4	A5	96754976	CUE 3x380-500V IP55 7,5kW DC	99616806	4,479
16-14,5	6	A5		CUE 3x380-500V IP66 7,5kW DC	99619043	4,404
37,5-34	4	B1	96754978	CUE 3x380-500V IP55 18,5kW DC	99616809	6,822
37,5-34	6	B1		CUE 3x380-500V IP66 18,5kW DC	99619046	6,507
106-105	4	C1	97774436	CUE 3x380-500V IP55 55kW DC	99616814	15,298
106-105	6	C1		CUE 3x380-500V IP66 55kW DC	99619051	15,063
147-130	4	C2	97775142	CUE 3x380-500V IP55 75kW DC	99616815	18,169

CUE / CUE ACCESSORIES

SQ 3" SUBMERSIBLE PUMPS ► SQ/SQE ACCESSORIES

Continuation

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
147-130	6	C2		CUE 3x380-500V IP66 75kW DC	99619054	18,380
177-160	4	C2	97775142	CUE 3x380-500V IP55 90kW DC	99616816	19,841
177-160	6	C2		CUE 3x380-500V IP66 90kW DC	99619055	20,135
212-190	13	D5H	97775146	CUE 3x380-500V IP54 110kW DC	99616817	23,720
260-240	13	D5H	97775146	CUE 3x380-500V IP54 132kW DC	99616818	26,345
315-302	13	D5H	97775148	CUE 3x380-500V IP54 160kW DC	99616819	32,559
395-361	13	D7H	97775148	CUE 3x380-500V IP54 200kW DC	99616820	39,205
480-443	13	D7H	97775149	CUE 3x380-500V IP54 250kW DC	99616821	47,792
3 x 525-550/551-600						
9,5-9	4	A5		CUE 3x525-600V IP55 5,5kW DC	99616851	5,431
1,8-1,7	4	A5		CUE 3x525-600V IP55 0,75kW DC	99616845	4,435
19-18	4	B1		CUE 3x525-600V IP55 11kW DC	99616853	6,767
23-22	4	B1		CUE 3x525-600V IP55 15kW DC	99616854	7,469
2,6-2,4	4	A5		CUE 3x525-600V IP55 1,1kW DC	99616846	4,478
28-27	4	B1		CUE 3x525-600V IP55 18,5kW DC	99616855	8,639
2,9-2,7	4	A5		CUE 3x525-600V IP55 1,5kW DC	99616847	4,524
36-34	4	B2		CUE 3x525-600V IP55 22kW DC	99616856	9,501
4,1-3,9	4	A5		CUE 3x525-600V IP55 2,2kW DC	99616848	4,611
43-41	4	B2		CUE 3x525-600V IP55 30kW DC	99616857	11,600
5,2-4,9	4	A5		CUE 3x525-600V IP55 3,0kW DC	99616849	4,791
54-52	4	C1		CUE 3x525-600V IP55 37kW DC	99616858	14,559
6,4-6,1	4	A5		CUE 3x525-600V IP55 4,0kW DC	99616850	4,991
65-62	4	C1		CUE 3x525-600V IP55 45kW DC	99616859	16,938
87-83	4	C1		CUE 3x525-600V IP55 55kW DC	99616860	20,297
11,5-11	4	A5		CUE 3x525-600V IP55 7,5kW DC	99616852	5,859
105-100	4	C2		CUE 3x525-600V IP55 75kW DC	99616861	24,059
137-131	4	C2		CUE 3x525-600V IP55 90kW DC	99616862	28,326
3 x 525-550/551-690						
137-131	13	D1H	97775166	CUE 3x525-690V IP54 110kW	99616904	24,176
162-155	13	D1H	97775167	CUE 3x525-690V IP54 132kW	99616905	28,255
201-192	13	D1H	97775167	CUE 3x525-690V IP54 160kW	99616906	33,055
253-242	13	D2H	97775168	CUE 3x525-690V IP54 200kW	99616907	39,066
303-290	13	D2H	97775168	CUE 3x525-690V IP54 250kW	99616908	52,445

CUE ACCESSORIES

MPG AI

Short description	Part Number	Price
Floor mounting option 176F1827	96801230	2,782
Floor mounting option D1h	98606900	2,663
Floor mounting option D2h 176F3632	98606903	2,663
GLCP remote mounting option 130B1117	96801229	334
IP21/NEMA1 A3	96801224	407
IP21/NEMA1 A2 Option 130B1222	96801223	336
IP21/NEMA1 B3 Option 130B1223	96801225	420
IP21/NEMA1 B4 Option 130B1224	96801226	437
IP21/NEMA1 C4 Option 130B1226	96801228	1,655
MCB 114 I/O Module	96760901	579
MCO 101 Multipump module	99753103	3,747
P21/NEMA1 C3 Option 130B1225	96801227	686
Spare, LCP display for CUE	99591437	371

DU/DT & SINEWAVE FILTERS: OUTPUT FILTER IP20/IP23

Sine wave filters have a high degree of filtering, resulting in a high reduction of the stress on the motor insulation system.

At the same time, they reduce the acoustic noise from the motor.

Motor losses are reduced due to the fact that a sine-wave filter converts the output pulses of the frequency converter into a sine-wave-shaped.

The result is a sine-wave-shaped current and reduced motor noise.

Maximum cable length with sine-wave filter is 300 m.

dU/dt filters reduce the voltage peaks and the dU/dt of the pulses at the motor terminals.

To some extent, the voltage at the motor terminals is still pulse-shaped; the motor current is sine-wave-shaped without commutation spikes.

Maximum cable length with dU/dt filter is 150 m.



MPG AI

Enclosure Class NEMA	Shipping Weight [LBS]	Part Number	Price
1	7.2800	96754941	1,183
1	9.2600	96754972	1,376
1	12.7900	96754973	1,589
1	15.6500	96754974	1,866
1	20.0600	96754976	2,049
1	37.4800	96754977	3,178
1	46.9600	97775161	8,384
1	68.3400	97775162	15,464
1	74.0800	96754978	4,398
1	88.1800	96755019	7,695
1	90.3900	96755021	9,102
1	108.0300	97775163	23,098
1	110.2300	96755032	10,508
3	313.0600	97775164	32,850
3	352.7400	97775165	41,482
3	451.9500	97774436	13,988
3	522.5000	97775142	20,586
3	595.2500	97775166	50,671
3	707.6800	97775146	23,087
3	815.7100	97775148	33,470
3	936.9600	97775149	40,251
3	1047.2000	97775167	63,222
3	1483.7100	97775168	82,967

11

4”, 6”, 8” and 10” SP

The SP range of 4”, 6”, 8” and 10” submersible well pumps are available in fixed speed and variable speed. Designed with proven durability in supplying groundwater for domestic, industrial, and agriculture applications.

Grundfos SP submersible pumps are renowned for their high efficiency and reliability throughout the range. Made entirely of corrosion-resistant stainless steel, SP pumps are ideal for a wide variety of applications.

The Grundfos SP range offers high resistance to sand and other abrasives, motor burnout protection, and easy maintenance. A complete monitoring and control system is available for constant optimisation of the pumping system.

“high resistance to sand and other abrasives, motor burnout protection, and easy maintenance”

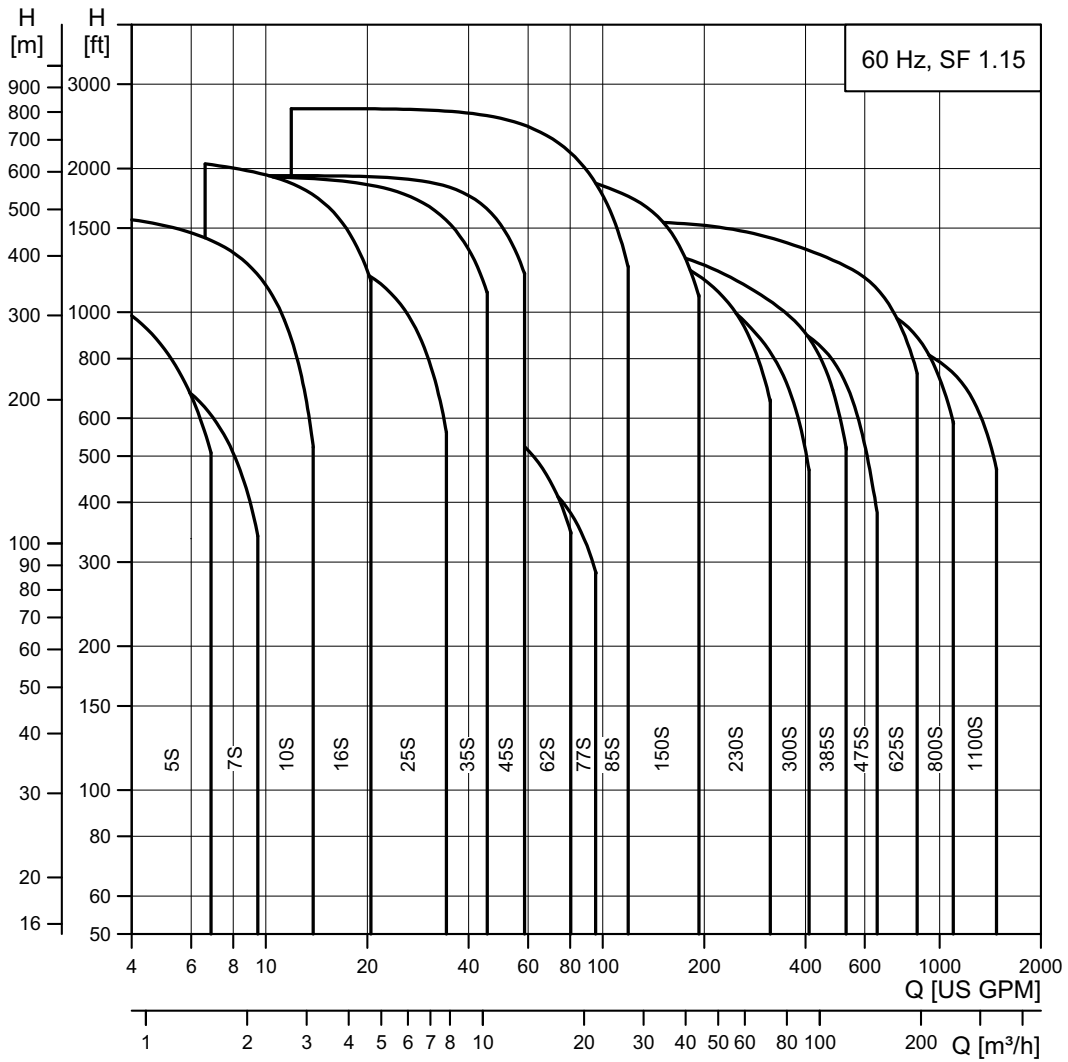


FEATURES & BENEFITS

- State-of-the-art hydraulics provide high efficiency and low operating costs
- 304 stainless steel inside and outside
Also available in 316 and 904L
- Sand resistant
- High Corrosive resistance to aggressive water
- Monitoring, protection and communication via the MP 204
- Motor burnout protection
- Dry-running protection

APPLICATIONS

- Groundwater supply to waterworks
- Irrigation in Horticulture and Agriculture
- Dewatering
- Pressure Boosting
- Industrial Applications



Type key, SP pumps

Example	475	S	500 -	5 -	A	B
Rated flow rate in gpm						
Type range						
Stainless steel parts of material						
S = AISI 304 (EN 1.4301) SS						
N = AISI 316 (EN 1.4401) SS						
R = AISI 904L (EN 1.4539) SS						
Hp of motor						
Number of impellers						
First reduced-diameter impeller (A, B or C)						
Second reduced-diameter impeller (A, B or C)						

4" SP 5S Pumps 5 GPM Selection Guide

2 Wire - Control box not required

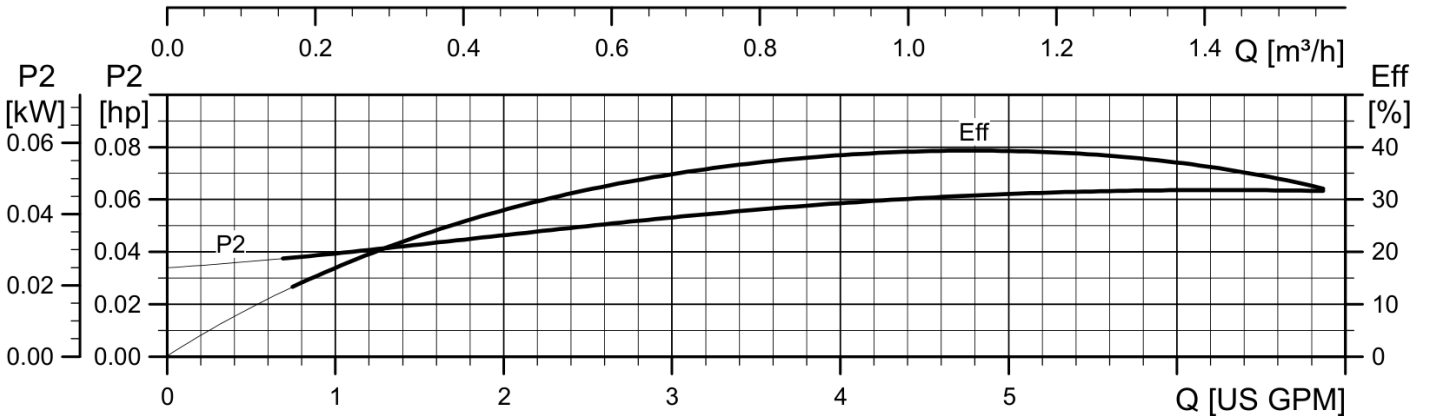
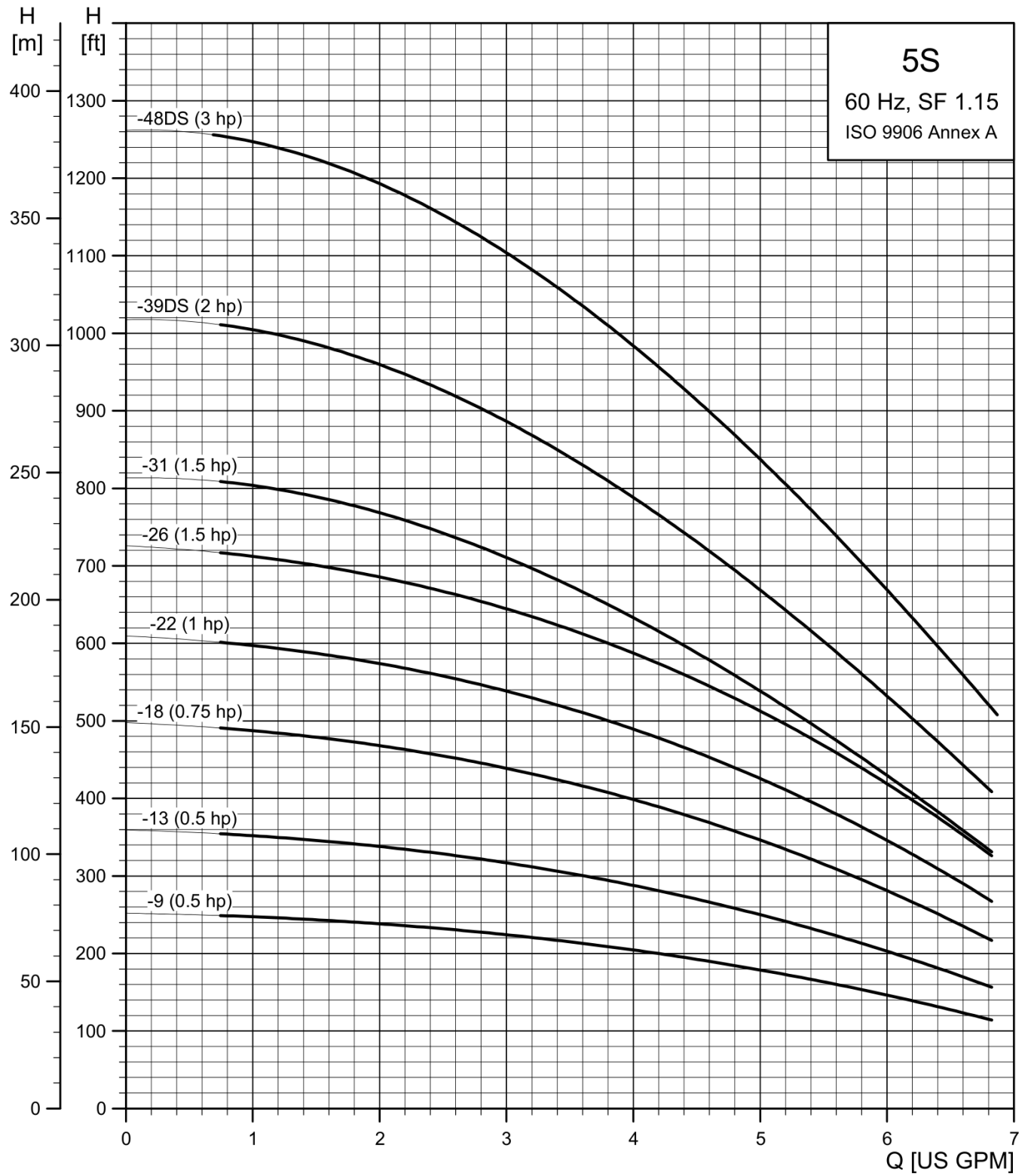
Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
5S05-9	4	1/2	1	230	81595095	8010009	96465616
5S05-13	4	1/2	1	115	8019213	8010013	96465574
	4	1/2	1	230	81595135	8010013	96465616
5S07-18	4	3/4	1	230	81595185	8010018	96465618
5S10-22	4	1	1	230	81595225	8010022	96465620
5S15-26	4	1-1/2	1	230	81595265	8010026	96465622
5S15-31	4	1-1/2	1	230	81595315	8110031	96465622

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- SP, SQ, SQE Wrench 99588350

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
5S05-9	4	1/2	1	230	81545095	81545095	8010009	98821631
5S05-13	4	1/2	1	115	8014213	8010013	96023039	98821580
	4	1/2	1	230	81545135	8010013	96465606	98821631
5S07-18	4	3/4	1	230	81545185	81545185	8010018	98821632
5S10-22	4	1	1	230	81545225	81545225	8010022	98821633
5S15-26	4	1-1/2	1	230	81545265	8010026	96465612	98315254
	4	1-1/2	3	230	81530265	8010026	96465629	-
	4	1-1/2	3	460	81536265	8010026	96465651	-
5S15-31	4	1-1/2	1	230	81545315	8110031	96465612	98315254
	4	1-1/2	3	230	81530315	8110031	96465629	-
	4	1-1/2	3	460	81536315	8110031	96465651	-
5S20-39DS	4	2	1	230	8114539	8110039	96449947	98315256
	4	2	3	230	81530395	8110039	96465630	-
	4	2	3	460	81536395	8110039	96465652	-
5S30-48DS	4	3	1	230	8114548	8110048	96449948	98315258
	4	3	3	230	81530485	8110048	96405801	-
	4	3	3	460	81536485	8110048	96405810	-



The prices are valid from 1 January 2024 and effective in USA ONLY and subject to change without notice. Shipping weights are approximate.

SP 5S

SP 4" SUBMERSIBLE PUMPS ► STAINLESS STEEL 304

SP 5S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit
- Environmental version for aggressive water available on request (FKM and ceramic bearings)



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,245 Ft. of Head (380 m) or up to 6 GPM (1.4 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) past the motor

Main Power Supply To Pump : 1 x115 V or 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box.

Control Box proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WH

2W						3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 115V											
4	0.50	30	5S05-13	8019213	1,863	4	0.50	30	5S05-13	8014213	1,740
1 x 230V											
4	0.50	24	5S05-9	81595095	1,810	4	0.50	25	5S05-9	81545095	1,682
4	0.50	29	5S05-13	81595135	1,863	4	0.50	27	5S05-13	81545135	1,740
4	0.75	32	5S07-18	81595185	2,321	4	0.75	31	5S07-18	81545185	2,154
4	1.00	35	5S10-22	81595225	2,760	4	1.00	35	5S10-22	81545225	2,587
4	1.50	45	5S15-26	81595265	3,494	4	1.50	41	5S15-26	81545265	3,226
4	1.50	52	5S15-31	81595315	4,348	4	1.50	52	5S15-31	81545315	4,081
						4	2.00	63	5S20-39	8114539	5,731
						4	3.00	85	5S30-48	8114548	7,366
3 x 230V											
						4	1.50	42	5S15-26	81530265	3,154
						4	1.50	49	5S15-31	81530315	3,248
						4	2.00	59	5S20-39	81530395	5,562
3 x 460V											
						4	1.50	42	5S15-26	81536265	3,154
						4	1.50	49	5S15-31	81536315	3,248
						4	2.00	59	5S20-39	81536395	5,562
3 x 208-230V											
						4	3.00	86	5S30-48	81530485	6,958
3 x 440-460V											
						4	3.00	86	5S30-48	81536485	6,958

SP 5S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Environmental version for aggressive water available on request (FKM and ceramic bearings)



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,245 Ft. of Head (380 m) or up to 6 GPM (1.4 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.

MPG WH

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
0.50	4	1	5	9	5S05-9	8010009	1,093
0.50	4	1	5	11	5S05-13	8010013	1,154
0.75	4	1	5	14	5S07-18	8010018	1,458
1.00	4	1	5	15	5S10-21	8030021	4,056
1.00	4	1	5	16	5S10-22	8010022	1,875
1.50	4	1	5	18	5S15-26	8010026	2,183
1.50	4	1	5	31	5S15-31	8110031	3,278
2.00	4	1	5	36	5S20-39	8110039	4,416
2.00	4	2	5	37	5S20-66	96023160	4,089
3.00	4	1	5	43	5S30-51	96023161	4,969
3.00	4	1	5	50	5S30-48	8110048	5,308
5.00	4	2	5	70	5S50-78	96753151	11,235

11

4" SP 7S Pumps 7 GPM Selection Guide

2 Wire - Control box not required

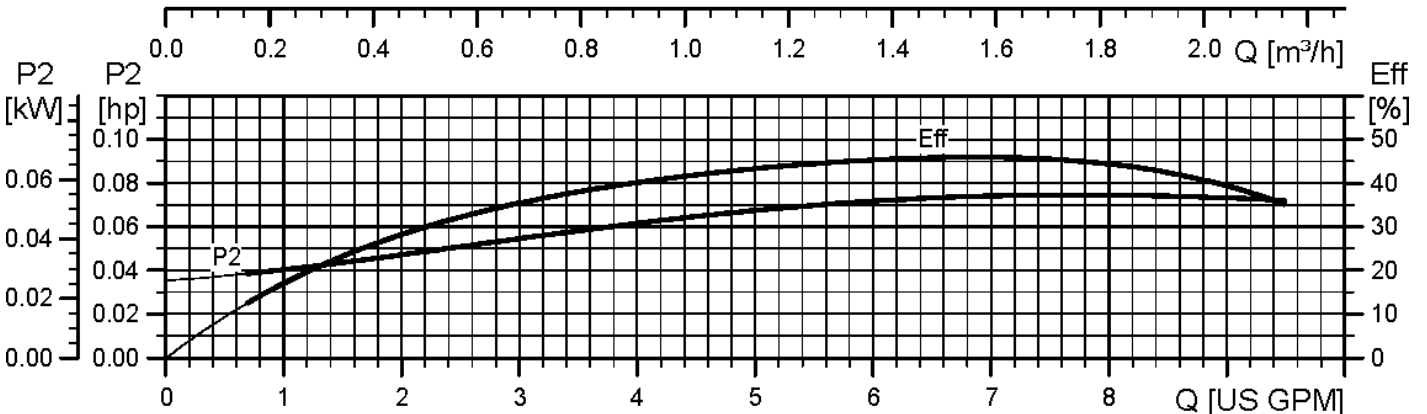
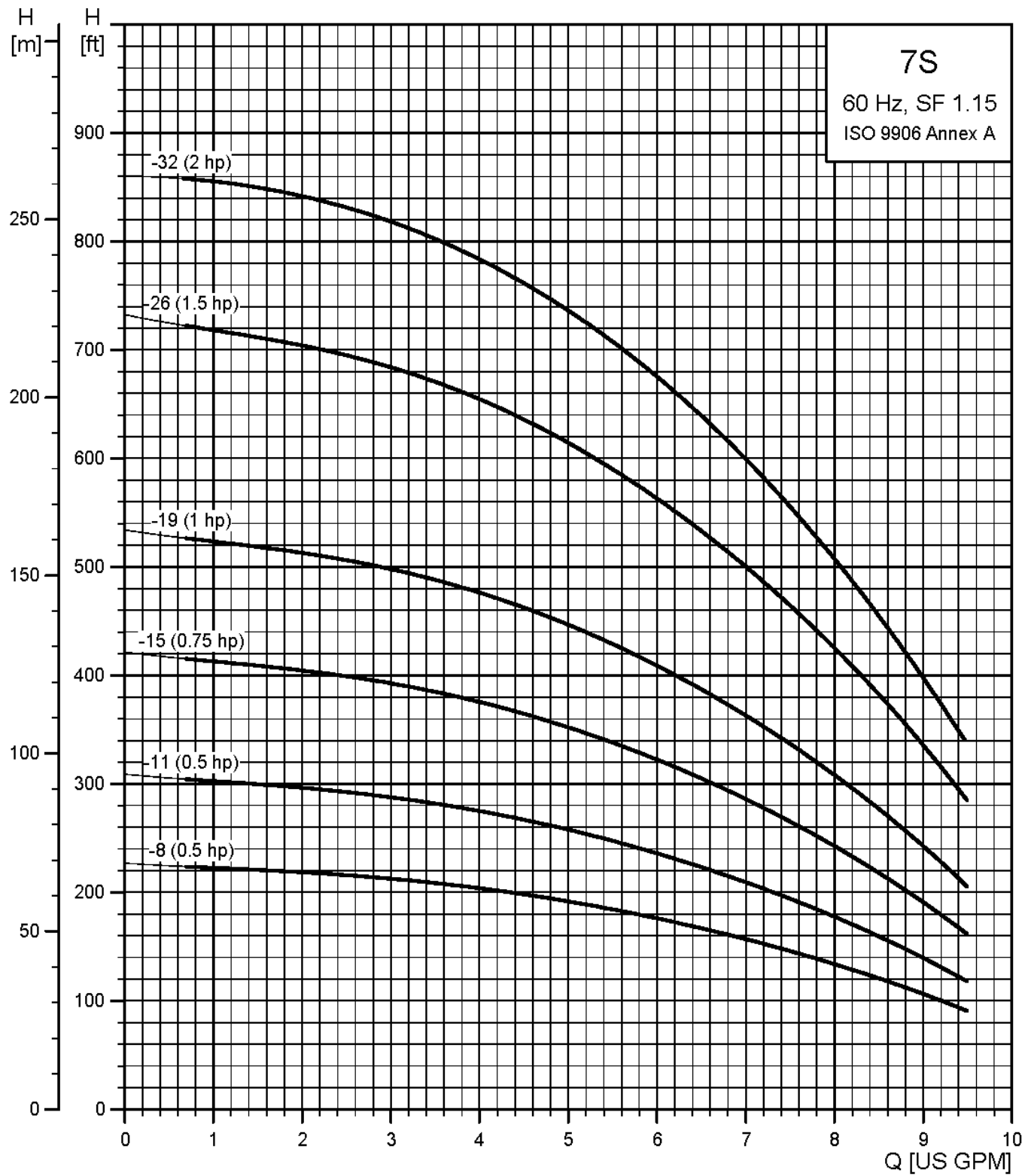
Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
7S05-8	4	1/2	1	230	31595085	3010008	96465616
7S05-11	4	1/2	1	115	3019211	3010011	96465574
	4	1/2	1	230	31595115	3010011	96465616
7S07-15	4	3/4	1	230	31595155	3010015	96465618
7S10-19	4	1	1	230	31595195	3010019	96465620
7S15-26	4	1-1/2	1	230	31595265	3010026	96465622

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- SP, SQ, SQE Wrench 99588350

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
7S05-8	4	1/2	1	230	31545085	3010008	96465606	98821631
7S05-11	4	1/2	1	115	3014211	3010011	96023039	98821580
	4	1/2	1	230	31545115	3010011	96465606	98821631
7S07-15	4	3/4	1	230	31545155	3010015	96465608	98821632
7S10-19	4	1	1	230	31545195	3010019	96465610	98821633
7S15-26	4	1-1/2	1	230	31545265	3010026	96465612	98315254
	4	1-1/2	3	230	31530265	3010026	96465629	-
	4	1-1/2	3	460	31536265	3010026	96465651	-
7S20-32	4	2	1	230	3014532	3010032	96449947	98315256
	4	2	3	230	31530325	3010032	96465630	-
	4	2	3	460	31536325	3010032	96465652	-



The prices are valid from 1 January 2024 and effective in USA ONLY and subject to change without notice. Shipping weights are approximate.

SP 7S

SP 4" SUBMERSIBLE PUMPS

SP 7S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : 35°F (2°C) to 104°F (40°C) when flow past the motor > 0.5 ft/sec (0.15 m/sec)

Max Flow Rate : Up to 855 Ft. of Head (260 m) or up to 8.5 GPM (2 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) past the motor

Main Power Supply To Pump : 1 x115 V or 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box.

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WH

3W						2W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 115V											
4	0.50	24	7S05-11	3014211	1,570	4	0.50	32	7S05-11	3019211	1,700
1 x 230V											
4	0.50	24	7S05-8	31545085	1,552	4	0.50	24	7S05-8	31595085	1,674
4	0.50	34	7S05-11	31545115	1,570	4	0.50	27	7S05-11	31595115	1,700
4	0.75	30	7S07-15	31545155	1,968	4	0.75	32	7S07-15	31595155	2,140
4	1.00	43	7S10-19	31545195	2,387	4	1.00	35	7S10-19	31595195	2,561
4	1.50	41	7S15-26	31545265	2,898	4	1.50	45	7S15-26	31595265	3,165
4	2.00	50	7S20-32	3014532	3,472						
3 x 230V											
4	1.50	42	7S15-26	31530265	2,827						
4	2.00	50	7S20-32	31530325	3,303						
3 x 460V											
4	1.50	42	7S15-26	31536265	2,827						
4	2.00	50	7S20-32	31536325	3,303						

7S SP PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve



Liquid Temperature : 35°F (2°C) to 104°F (40°C) when flow past the motor > 0.5 ft/sec (0.15 m/sec)

Max Flow Rate : Up to 855 Ft. of Head (260 m) or up to 8.5 GPM (2 m3/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m3/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.

MPG WH

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
0.50	4	1	5	10	7S05-11	3010011	967
0.50	4	1	5	13	7S05-8	3010008	955
0.75	4	1	5	12	7S07-15	3010015	1,257
1.00	4	1	5	14	7S10-19	3010019	1,649
1.50	4	1	5	16	7S15-26	3010026	1,946
2.00	4	1	5	22	7S20-32	3010032	2,157

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4" SP 10S Pumps 10 GPM Selection Guide

2 Wire - Control box not required

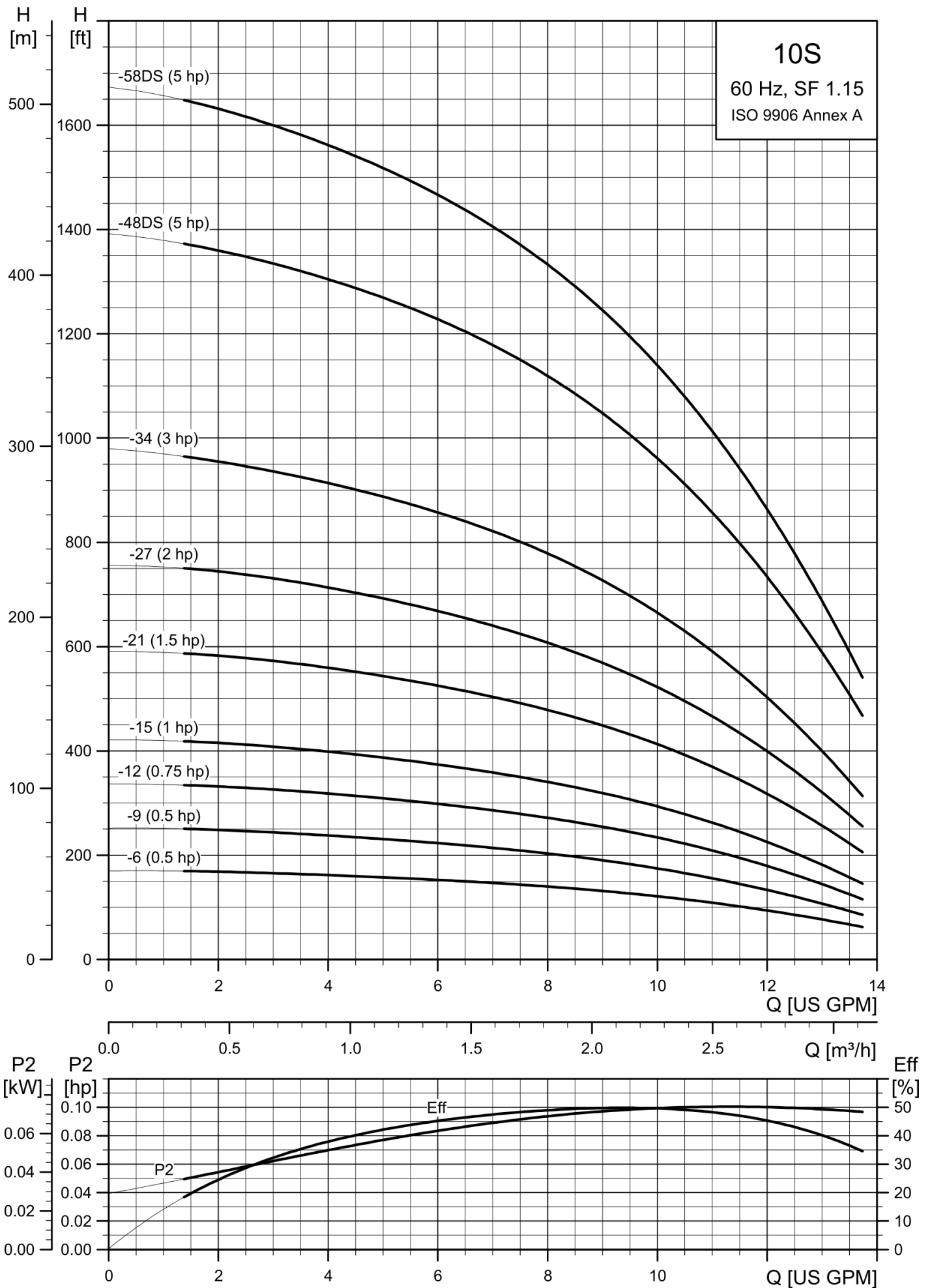
Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
10S05-6	4	1/2	1	230	91595065	9010006	96465616
10S05-9	4	1/2	1	115	9019209	9010009	96465574
	4	1/2	1	230	91595095	9010009	96465616
10S07-12	4	3/4	1	230	91595125	9010012	96465618
10S10-15	4	1	1	230	91595155	9010015	96465620
10S15-21	4	1-1/2	1	230	91595215	9010021	96465622

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- SP, SQ, SQE Wrench 99588350

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
10S05-6	4	1/2	1	230	91545065	9010006	96465606	98821631
10S05-9	4	1/2	1	115	9014209	9010009	96023039	98821580
	4	1/2	1	230	91545095	9010009	96465606	98821631
10S07-12	4	3/4	1	230	91545125	9010012	96465608	98821632
10S10-15	4	1	1	230	91545155	9010015	96465610	98821633
10S15-21	4	1-1/2	1	230	91545215	9010021	96465612	98315254
	4	1-1/2	3	230	91530215	9010021	96465629	-
	4	1-1/2	3	460	91536215	9010021	96465651	-
10S20-27	4	2	1	230	9014527	9010027	96449947	98315256
	4	2	3	230	91530275	9010027	96465630	-
	4	2	3	460	91536275	9010027	96465652	-
10S30-34	4	3	1	230	9114534	9110034	96449948	98315258
	4	3	3	230	91530345	9110034	96405801	-
	4	3	3	460	91536345	9110034	96405810	-
10S50-48DS	4	5	1	230	9114548	9110048	96449949	98315260
	4	5	3	230	91530485	9110048	96405802	-
	4	5	3	460	91536485	9110048	96405811	-
10S50-58DS	4	5	1	230	9314558	09002Z58	96449949	98315260
	4	5	3	230	91530585	09002Z58	96405802	-
	4	5	3	460	91536585	09002Z58	96405811	-



SP 10S

SP 4" SUBMERSIBLE PUMPS

SP 10S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 490 Ft. of Head (150 m) or up to 12 GPM (2.7 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) past the motor

Main Power Supply To Pump : 1 x115 V or 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box.

Control Box proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WH

2W						3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 115V											
4	0.50	27	10S05-9	9019209	1,512	4	0.50	29	10S05-9	9014209	1,383
1 x 230V											
4	0.50	23	10S05-6	91595065	1,450	4	0.50	24	10S05-6	91545065	1,335
4	0.50	25	10S05-9	91595095	1,512	4	0.50	27	10S05-9	91545095	1,383
4	0.75	27	10S07-12	91595125	1,988	4	0.75	31	10S07-12	91545125	1,821
4	1.00	32	10S10-15	91595155	2,299	4	1.00	33	10S10-15	91545155	2,120
4	1.50	38	10S15-21	91595215	3,023	4	1.50	38	10S15-21	91545215	2,753
						4	2.00	50	10S20-27	9014527	3,230
						4	3.00	90	10S30-34	9114534	5,083
						4	5.00	115	10S50-48	9114548	8,613
						4	5.00	147	10S50-58	9314558	12,828
3 x 230V											
						4	1.50	35	10S15-21	91530215	2,678
						4	2.00	48	10S20-27	91530275	3,061
3 x 460V											
						4	1.50	39	10S15-21	91536215	2,678
						4	2.00	48	10S20-27	91536275	3,061
3 x 208-230V											
						4	3.00	82	10S30-34	91530345	4,675
						4	5.00	114	10S50-48	91530485	8,338
						4	5.00	146	10S50-58	91530585	12,553
3 x 440-460V											
						4	3.00	82	10S30-34	91536345	4,675
						4	5.00	114	10S50-48	91536485	8,338
						4	5.00	146	10S50-58	91536585	12,553

SP 10S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Environmental version for aggressive water available on request (FKM and ceramic bearings)

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 490 Ft. of Head (150 m) or up to 12 GPM (2.7 m3/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m3/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.



P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price	MPG WH
0.50	4	1 1/4	5	8	10S05-6	9010006	719	
0.50	4	1 1/4	5	9	10S05-9	9010009	749	
0.75	4	1 1/4	5	11	10S07-12	9010012	1,085	
1.00	4	1 1/4	5	13	10S10-15	9010015	1,353	
1.50	4	1 1/4	5	16	10S15-21	9010021	1,785	
2.00	4	1 1/4	5	19	10S20-27	9010027	1,915	
2.00	4	1 1/4	5	19	10S20-27	09003Z27	1,943	
3.00	4	2	5	33	10S30-660CBM (37) 2"NPT WITH CV 4"MTR	91126363	3,136	
3.00	4	2	5	33	10S30-660CBM (37) 2"NPT W/O CV 4"MTR	96023164	3,136	
3.00	4	1 1/4	5	30	10S30-34 PE W/O CHK VLV	09002Z34	2,839	
3.00	4	1 1/4	5	39	10S30-34	9110034	3,025	
5.00	4	2	5	45	10S50-930CBM (51) 2"NPT W/O CV 4"MTR	96023166	5,706	
5.00	4	1 1/4	5	43	10S50-48	9110048	5,763	
5.00	4	1 1/4	5	83	10S50-58	09002Z58	9,978	

4" SP 16S Pumps 16 GPM Selection Guide

2 Wire - Control box not required

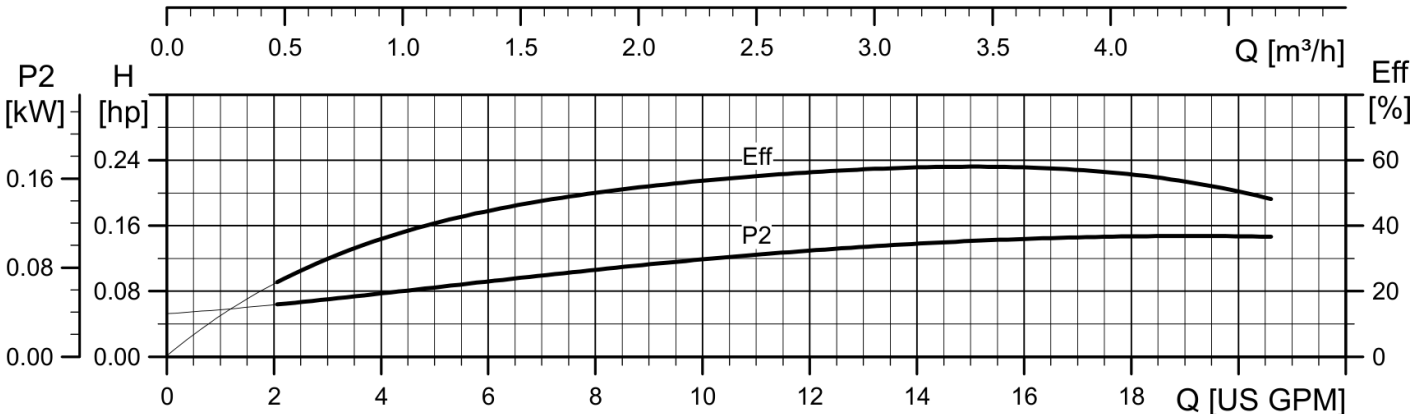
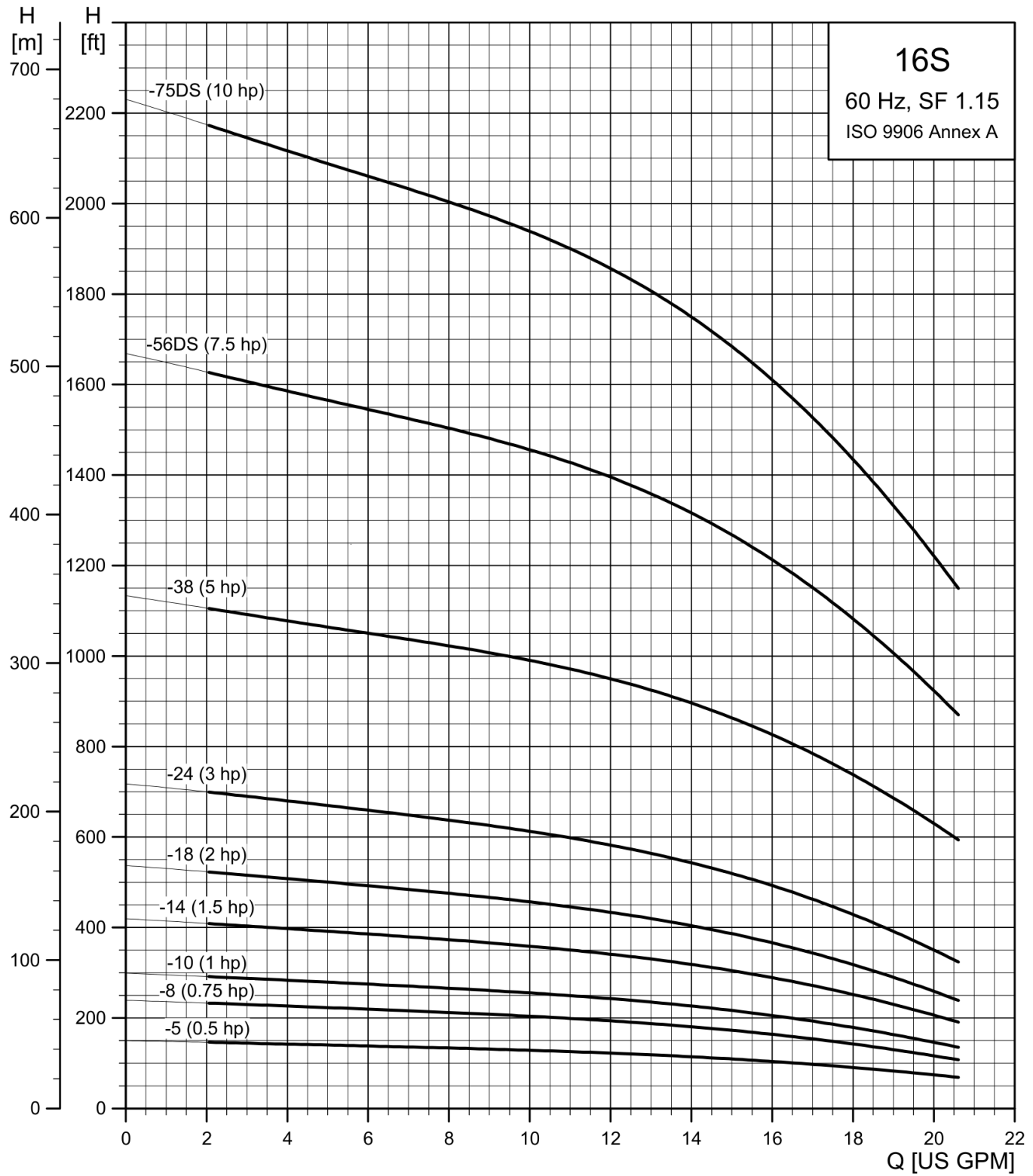
Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
16S05-5	4	1/2	1	115	10019205	10010005	96465574
	4	1/2	1	230	10159505	10010005	96465616
16S07-8	4	3/4	1	230	10159508	10010008	96465618
16S10-10	4	1	1	230	10159510	10010010	96465620
16S15-14	4	1-1/2	1	230	10159514	10010014	96465622

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- SP, SQ, SQE Wrench 99588350

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
16S05-5	4	1/2	1	115	10014205	10010005	96023039	98821580
	4	3/4	1	230	10154505	10010005	96465606	98821631
16S07-8	4	3/4	1	230	10154508	10010008	96465608	98821632
16S10-10	4	1	1	230	10154510	10010010	96465610	98821633
16S15-14	4	1-1/2	1	230	10154514	10010014	96465612	98315254
	4	1-1/2	3	230	10153014	10010014	96465629	-
	4	1-1/2	3	460	10153614	10010014	96465651	-
16S20-18	4	2	1	230	10014518	10010018	96449947	98315256
	4	2	3	230	10153018	10010018	96465630	-
	4	2	3	460	10153618	10010018	96465652	-
16S30-24	4	3	1	230	10014524	10010024	96449948	98315258
	4	3	3	230	10153024	10010024	96405801	-
	4	3	3	460	10153624	10010024	96405810	-
16S50-38	4	5	1	230	10114538	10110038	96449949	98315260
	4	5	3	230	10153038	10110038	96405802	-
	4	5	3	460	10153638	10110038	96405811	-
16S75-56DS	6	7-1/2	3	230	10313056	10310056	96166181	-
	6	7-1/2	3	460	10313656	10310056	96166161	-
16S100-75DS	6	10	3	460	10313675	10310075	96166162	-



The prices are valid from 1 January 2024 and effective in USA ONLY and subject to change without notice. Shipping weights are approximate.

SP 16S

SP 4" SUBMERSIBLE PUMPS

SP 16S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 2,175 Ft. of Head (380 m) or up to 19 GPM (4.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Main Power Supply To Pump : 1 x115 V or 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box.

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WH

2W						3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 115V											
4	0.50	24	16S05-5	10019205	1,555	4	0.50	24	16S05-5	10014205	1,431
1 x 230V											
4	0.50	24	16S05-5	10159505	1,555	4	0.50	24	16S05-5	10154505	1,431
4	0.75	27	16S07-8	10159508	1,978	4	0.75	29	16S07-8	10154508	1,811
4	1.00	30	16S10-10	10159510	2,154	4	1.00	30	16S10-10	10154510	1,971
4	1.50	39	16S15-14	10159514	2,560	4	1.50	35	16S15-14	10154514	2,297
						4	2.00	39	16S20-18	10014518	3,030
						4	3.00	68	16S30-24	10014524	4,075
						4	5.00	107	16S50-38	10114538	6,069
3 x 230V											
						4	1.50	31	16S15-14	10153014	2,223
						4	2.00	39	16S20-18	10153018	2,861
3 x 460V											
						4	1.50	31	16S15-14	10153614	2,223
						4	2.00	39	16S20-18	10153618	2,861
3 x 208-230V											
						4	3.00	63	16S30-24	10153024	3,667
						4	5.00	99	16S50-38	10153038	5,794
3 x 440-460V											
						4	3.00	63	16S30-24	10153624	3,667
						4	5.00	99	16S50-38	10153638	5,794
3 x 208-220-230V											
						6	7.50	220	16S75-56	10313056	12,459
3 x 440-460-480V											
						6	7.50	220	16S75-56	10313656	12,459
						6	10.00	256	16S100-75	10313675	15,309

SP 16S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Environmental version for aggressive water available on request (FKM and ceramic bearings)



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 2,175 Ft. of Head (380 m) or up to 19 GPM (4.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.

MPG WH

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
0.50	4	1 1/4	5	7	16S05-5	10010005	804
0.75	4	1 1/4	5	9	16S07-8	10010008	1,071
1.00	4	1 1/4	5	10	16S10-10	10010010	1,185
1.50	4	1 1/4	5	12	16S15-14	10010014	1,269
2.00	4	1 1/4	5	14	16S20-18	10010018	1,715
3.00	4	1 1/4	5	18	16S30-24	10010024	2,017
3.00	4	1 1/4	5	18	16S30-24	10006Z24	2,046
3.00	4	1 1/4	5	26	16N30-24	10210024	O.R.
4.00	4	1 1/4	5	29	16S50-32	10Z00132	O.R.
5.50	4	1 1/4	5	34	16S50-38	10110038	3,219
5.50	4	1 1/4	5	34	16S50-38	10001Z38	3,041
7.50	4	2	5	36	16S75-41	96023172	5,011
7.50	4	1 1/2	5	34	25S75-39	50200395	5,714
7.50	6	1 1/4	6	129	16S75-56	10310056	9,094
10.00	4	2	5	70	16S100-78	96023174	10,024
10.00	4	2	5	144	16S100-59	96023173	8,962
10.00	6	1 1/4	6	172	16S100-75	10310075	11,545

4" SP 25S Pumps 25 GPM Selection Guide

2 Wire - Control box not required

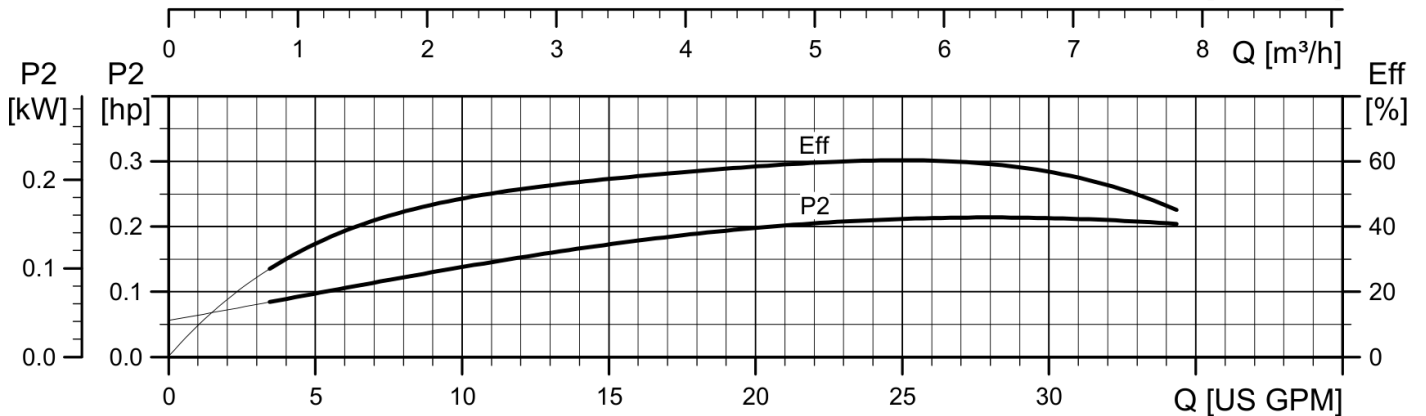
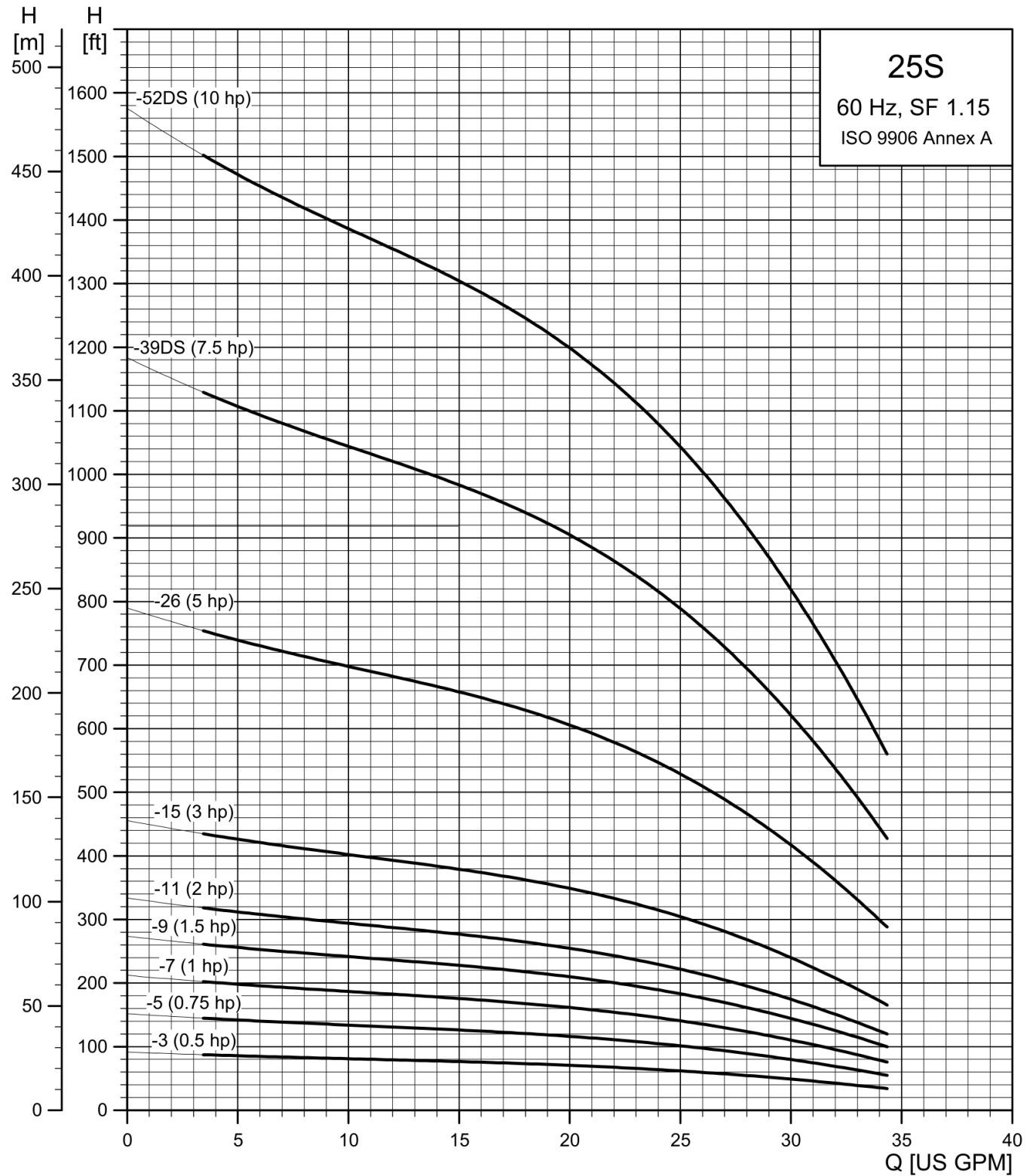
Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
25S05-3	4	1/2	1	115	5019203	5010003	96465574
	4	1/2	1	230	51595035	5010003	96465616
25S07-5	4	3/4	1	230	51595055	5010005	96465618
25S10-7	4	1	1	230	51595075	5010007	96465620
25S15-9	4	1-1/2	1	230	51595095	5010009	96465622

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .93, Complete with Motor (PM) = PEICL .93, with CUE (Controller) = PEIVL .59, 2-Pole, 1/2HP and 3/4HP out of regulation scope
- SP, SQ, SQE Wrench 99588350

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
25S05-3	4	1/2	1	115	5014203	5010003	96023039	98821580
	4	1/2	1	230	51545035	5010003	96465606	98821631
25S07-5	4	3/4	1	230	51545055	5010005	96465608	98821632
25S10-7	4	1	1	230	51545075	5010007	96465610	98821633
25S15-9	4	1-1/2	1	230	51545095	5010009	96465612	98315254
	4	1-1/2	3	230	51530095	5010009	96465629	-
	4	1-1/2	3	460	51536095	5010009	96465651	-
25S20-11	4	2	1	230	5014511	5010011	96449947	98315256
	4	2	3	230	51530115	5010011	96465630	-
	4	2	3	460	51536115	5010011	96465652	-
25S30-15	4	3	1	230	5014515	5010015	96449948	98315258
	4	3	3	230	51530155	5010015	96405801	-
	4	3	3	460	51536155	5010015	96405810	-
25S50-26	4	5	1	230	5014526	5010026	96449949	98315260
	4	5	3	230	51530265	5010026	96405802	-
	4	5	3	460	51536265	5010026	96405811	-
25S75-39DS	6	7-1/2	3	230	5113039	5110039	96166181	-
	6	7-1/2	3	460	5113639	5110039	96166161	-
25S100-52DS	6	10	3	460	5313652	5310052	96166162	-



The prices are valid from 1 January 2024 and effective in USA ONLY and subject to change without notice. Shipping weights are approximate.

SP 25S

SP 4" SUBMERSIBLE PUMPS

SP 25S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,470 Ft. of Head (448 m) or up to 31 GPM (7 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Main Power Supply To Pump : 1 x115 V or 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

DOE PEI : Pump End (BP) = PEICL .93, Complete with Motor (PM) = PEICL .93, with CUE (Controller) = PEIVL .59, 2-Pole, 1/2HP and 3/4HP out of regulation scope.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box.

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WH

2W						3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 115V											
4	0.50	24	25S05-3	5019203	1,700	4	0.50	24	25S05-3	5014203	1,570
1 x 230V											
4	0.50	24	25S05-3	51595035	1,700	4	0.50	24	25S05-3	51545035	1,570
4	0.75	25	25S07-5	51595055	2,028	4	0.75	25	25S07-5	51545055	1,858
4	1.00	27	25S10-7	51595075	2,242	4	1.00	27	25S10-7	51545075	2,067
4	1.50	31	25S15-9	51595095	2,727	4	1.50	32	25S15-9	51545095	2,463
						4	2.00	36	25S20-11	5014511	3,012
						4	3.00	67	25S30-15	5014515	4,007
						4	5.00	80	25S50-26	5014526	5,692
3 x 230V											
						4	1.50	29	25S15-9	51530095	2,389
						4	2.00	36	25S20-11	51530115	2,843
3 x 460V											
						4	1.50	31	25S15-9	51536095	2,389
						4	2.00	36	25S20-11	51536115	2,843
3 x 208-230V											
						4	3.00	58	25S30-15	51530155	3,599
						4	5.00	80	25S50-26	51530265	5,417
3 x 440-460V											
						4	3.00	58	25S30-15	51536155	3,599
						4	5.00	80	25S50-26	51536265	5,417
3 x 208-220-230V											
						6	7.50	131	25S75-39	5113039	9,079
3 x 440-460-480V											
						4	10.00	218	25S100-52	5313652	14,753
						6	7.50	131	25S75-39	5113639	9,079

SP 25S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Environmental version for aggressive water available on request (FKM and ceramic bearings)

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,470 Ft. of Head (448 m) or up to 31 GPM (7 m3/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m3/h) or 6" motor 9 GPM (2 m3/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm)

Minimum Installation Submergence : 2' (0.6 m)

DOE PEI : Pump End (BP) = PEICL .93, Complete with Motor (PM) = PEICL .93, with CUE (Controller) = PEIVL .59, 2-Pole, 1/2HP and 3/4HP out of regulation scope.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WH

11

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
0.50	4	1 1/2	5	6	25S05-3	5010003	0.93	967
0.75	4	1 1/2	5	7	25S07-5	5010005	0.93	1,125
1.00	4	1 1/2	5	8	25S10-7	5010007	0.93	1,294
1.50	4	1 1/2	5	11	25S15-9	5010009	0.93	1,457
2.00	4	1 1/2	5	12	25S20-11	5010011	0.93	1,696
3.00	4	1 1/2	5	13	25S30-15	05007Z15	0.93	1,976
3.00	4	1 1/2	5	14	25S30-15	5010015	0.93	1,949
5.50	4	2	5	28	25S50-29	96023181	0.93	2,634
5.50	4	1 1/2	5	18	25S50-26	5010026	0.93	2,842
5.50	4	1 1/2	5	18	25S50-26	05005Z26	0.93	2,813
7.50	4	2	5	34	25S75-39	05003Z39	0.93	5,229
7.50	6	1 1/2	6	46	25S75-39	5110039	0.93	5,714
10.00	4	2	5	48	25S100-55	96023179	0.93	8,802
10.00	6	1 1/2	6	80	25S100-52	5310052	0.93	10,989

4" SP 35S Pumps 35 GPM Selection Guide

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
35S7-3	4	3/4	1	230	98924208	98923999	96465608	98821632
	4	3/4	3	230	98924412	98923999	96465626	-
	4	3/4	3	460	98924547	98923999	96465639	-
35S10-4	4	1	1	230	98924210	98924000	96465610	98821633
	4	1	3	230	98924413	98924000	96465627	-
	4	1	3	460	98924548	98924000	96465650	-
35S15-6	4	1-1/2	1	230	98924271	98924021	96465612	98315254
	4	1-1/2	3	230	98924414	98924021	96465629	-
	4	1-1/2	3	460	98924549	98924021	96465651	-
35S20-8	4	2	1	230	98924272	98924022	96449947	98315256
	4	2	3	230	98924415	98924022	96465630	-
	4	2	3	460	98924550	98924022	96465652	-
35S30-11	4	3	1	230	98924273	98924023	96449948	98315258
	4	3	3	230	98924416	98924023	96405801	-
	4	3	3	460	98924561	98924023	96405810	-
35S50-15	4	5	1	230	98924274	98924024	96449949	98315260
	4	5	3	230	98924417	98924024	96405802	-
	4	5	3	460	98924562	98924024	96405811	-
35S50-19	4	5	1	230	98924275	98914841	96449949	98315260
	4	5	3	230	98924418	98914841	96405802	-
	4	5	3	460	98924563	98914841	96405811	-
35S75-22	4	7-1/2	3	230	98924419	98924025	96405805	-
	4	7-1/2	3	460	98924564	98924025	96405814	-
	6	7-1/2	3	230	98924422	98924031	96166181	-
	6	7-1/2	3	460	98924571	98924031	96166161	-
35S75-25	4	7-1/2	3	230	98924420	98924026	96405805	-
	4	7-1/2	3	460	98924565	98924026	96405814	-
	6	7-1/2	3	230	98924423	98924033	96166181	-
	6	7-1/2	3	460	98924572	98924033	96166161	-
35S75-28	4	7-1/2	3	230	98924421	98924027	96405805	-
	4	7-1/2	3	460	98924566	98924027	96405814	-
	6	7-1/2	3	230	98924424	98924034	96166181	-
	6	7-1/2	3	460	98924573	98924034	96166161	-
35S100-31	4	10	3	460	98924567	98924028	96440318	-
	6	10	3	230	98924425	98924035	96166182	-
	6	10	3	460	98924574	98924035	96166162	-
35S100-34	4	10	3	460	98924568	98924029	96440318	-
	6	10	3	230	98924426	98924036	96166182	-
	6	10	3	460	98924575	98924036	96166162	-
35S100-38	4	10	3	460	98924569	98924030	96440318	-
	6	10	3	230	98924427	98924037	96166182	-
	6	10	3	460	98924576	98924037	96166162	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .85, Complete with Motor (PM) = PEICL .87, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4 HP out of regulaion scope

4” SP 35S Pumps 35 GPM Selection Guide

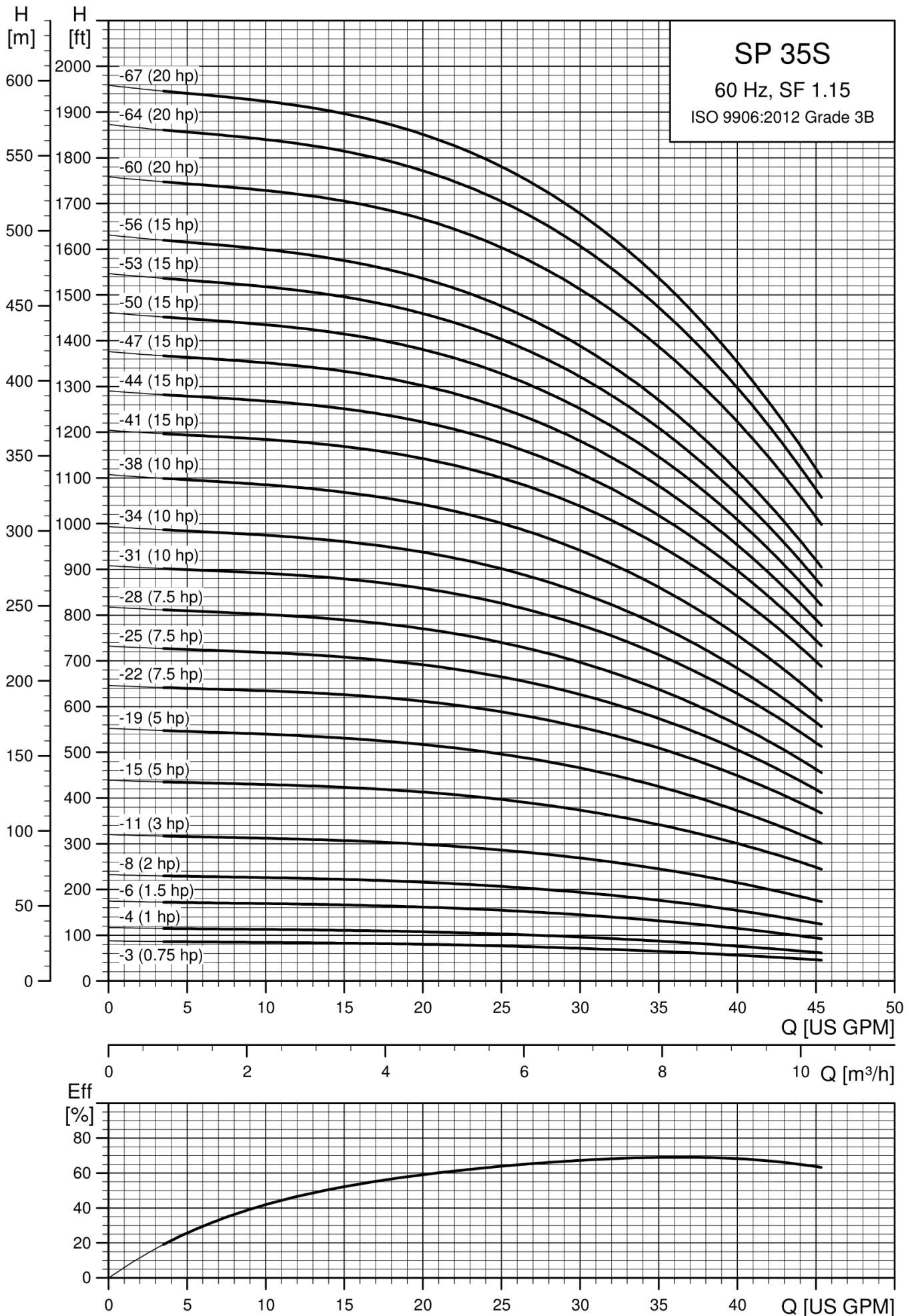
Continued - Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
35S150-41DS	6	15	3	230	98924428	98924038	96166184
	6	15	3	460	98924577	98924038	96166164
35S150-44DS	6	15	3	230	98924429	98924039	96166184
	6	15	3	460	98924578	98924039	96166164
35S150-47DS	6	15	3	230	98924430	98924040	96166184
	6	15	3	460	98924579	98924040	96166164
35S150-50DS	6	15	3	230	98924431	98924041	96166184
	6	15	3	460	98924580	98924041	96166164
35S150-53DS	6	15	3	230	98924432	98924042	96166184
	6	15	3	460	98924581	98924042	96166164
35S150-56DS	6	15	3	230	98924433	98924043	96166184
	6	15	3	460	98924582	98924043	96166164
35S200-60DS	6	20	3	230	98924434	98924044	96166186
	6	20	3	460	98924583	98924044	96166166
35S200-64DS	6	20	3	230	98924435	98924045	96166186
	6	20	3	460	98924584	98924045	96166166
35S200-67DS	6	20	3	230	98924436	98924046	96166186
	6	20	3	460	98924585	98924046	96166166

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .85, Complete with Motor (PM) = PEICL .87, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4 HP out of regulaion scope

SP 4" SUBMERSIBLE PUMPS



SP 35S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,940 Ft. of Head (591 m) or up to 42 GPM (9.6 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .85, Complete with Motor (PM) = PEICL .87, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4HP out of regulation scope.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
1 x 230V						
4	0.75	33	35S07-3	98924208	1,893	
4	1.00	35	35S10-4	98924210	2,042	
4	1.50	42	35S15-6	98924271	2,479	
4	2.00	61	35S20-8	98924272	2,977	
4	3.00	73	35S30-11	98924273	4,023	
4	5.00	98	35S50-15	98924274	5,342	
4	5.00	103	35S50-19	98924275	5,845	
3 x 230V						
4	0.75	29	35S07-3	98924412	1,859	
4	1.00	33	35S10-4	98924413	2,059	
4	1.50	38	35S15-6	98924414	2,371	
4	2.00	45	35S20-8	98924415	2,808	
3 x 460V						
4	0.75	29	35S07-3	98924547	1,859	
4	1.00	33	35S10-4	98924548	2,059	
4	1.50	38	35S15-6	98924549	2,371	
4	2.00	45	35S20-8	98924550	2,808	
3 x 208-230V						
4	3.00	60	35S30-11	98924416	3,615	
4	5.00	92	35S50-19	98924418	5,570	
4	5.00	130	35S50-15	98924417	5,067	
4	7.50	170	35S75-22	98924419	6,836	
4	7.50	174	35S75-25	98924420	7,244	
4	7.50	180	35S75-28	98924421	7,646	
3 x 440-460V						
4	3.00	60	35S30-11	98924561	3,615	
4	5.00	92	35S50-19	98924563	5,570	
4	5.00	130	35S50-15	98924562	5,067	
4	7.50	170	35S75-22	98924564	6,836	
4	7.50	174	35S75-25	98924565	7,244	
4	7.50	180	35S75-28	98924566	7,646	
4	10.00	198	35S100-31	98924567	9,921	
4	10.00	202	35S100-34	98924568	10,309	
4	10.00	216	35S100-38	98924569	10,821	
3 x 208-220-230V						
6	7.50	198	35S75-22	98924422	7,022	

SP 35S

SP 4" SUBMERSIBLE PUMPS

Continuation

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
6	7.50	202	35S75-25	98924423	7,120	
6	7.50	209	35S75-28	98924424	7,523	
6	10.00	219	35S100-31	98924425	8,900	
6	10.00	228	35S100-34	98924426	9,289	
6	10.00	234	35S100-38	98924427	9,800	
6	15.00	317	35S150-41	98924428	12,168	
6	15.00	323	35S150-44	98924429	12,713	
6	15.00	335	35S150-47	98924430	13,240	
6	15.00	340	35S150-50	98924431	14,086	
6	15.00	346	35S150-53	98924432	14,711	
6	15.00	366	35S150-56	98924433	15,548	
6	20.00	389	35S200-60	98924434	18,996	
6	20.00	411	35S200-64	98924435	19,803	
6	20.00	417	35S200-67	98924436	20,405	
3 x 440-460-480V						
6	7.50	198	35S75-22	98924571	7,022	
6	7.50	202	35S75-25	98924572	7,120	
6	7.50	209	35S75-28	98924573	7,523	
6	10.00	219	35S100-31	98924574	8,900	
6	10.00	228	35S100-34	98924575	9,289	
6	10.00	234	35S100-38	98924576	9,800	
6	15.00	317	35S150-41	98924577	12,168	
6	15.00	323	35S150-44	98924578	12,713	
6	15.00	335	35S150-47	98924579	13,240	
6	15.00	340	35S150-50	98924580	14,086	
6	15.00	346	35S150-53	98924581	14,711	
6	15.00	366	35S150-56	98924582	15,548	
6	20.00	389	35S200-60	98924583	18,996	
6	20.00	411	35S200-64	98924584	19,803	
6	20.00	417	35S200-67	98924585	20,405	

SP 35S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,940 Ft. of Head (591 m) or up to 42 GPM (9.6 m3/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m3/h) or 6" motor 9 GPM (2 m3/h) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .85, Complete with Motor (PM) = PEICL .87, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4HP out of regulation scope.

See the **SP Data Booklet** or **Grundfos Product Center (GPC)** for actual specifications on a particular pump.

MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
0.70	4	1 1/2	5	13	35S07-3	98923999		1,138
1.00	4	1 1/2	5	15	35S10-4	98924000	0.85	1,264
1.50	4	1 1/2	5	17	35S15-6	98924021	0.85	1,474
2.00	4	1 1/2	5	20	35S20-8	98924022	0.85	1,661
3.00	4	1 1/2	5	24	35S30-11	98924023	0.85	1,965
5.00	4	1 1/2	5	29	35S50-15	98924024	0.85	2,492
5.00	4	1 1/2	5	35	35S50-19	98914841	0.85	2,995
7.50	4	1 1/2	5	39	35S75-22	98924025	0.85	3,657
7.50	4	1 1/2	5	43	35S75-25	98924026	0.85	4,064
7.50	4	1 1/2	5	98	35S75-28	98924027	0.85	4,466
7.50	6	1 1/2	6	49	35S75-22	98924031	0.85	3,657
7.50	6	1 1/2	6	53	35S75-25	98924033	0.85	3,755
7.50	6	1 1/2	6	104	35S75-28	98924034	0.85	4,158
10.00	4	1 1/2	5	59	35S100-31	98924028	0.85	5,137
10.00	4	1 1/2	5	63	35S100-34	98924029	0.85	5,525
10.00	4	1 1/2	5	131	35S100-38	98924030	0.85	6,037
10.00	6	1 1/2	6	63	35S100-31	98924035	0.85	5,137
10.00	6	1 1/2	6	67	35S100-34	98924036	0.85	5,525
10.00	6	1 1/2	6	135	35S100-38	98924037	0.85	6,037
15.00	6	2	6	184	35S150-41	98924038	0.85	7,850
15.00	6	2	6	195	35S150-44	98924039	0.85	8,395
15.00	6	2	6	210	35S150-47	98924040	0.85	8,921
15.00	6	2	6	216	35S150-50	98924041	0.85	9,767
15.00	6	2	6	230	35S150-53	98924042	0.85	10,393
15.00	6	2	6	236	35S150-56	98924043	0.85	11,229
20.00	6	2	6	244	35S200-60	98924044	0.85	13,698
20.00	6	2	6	257	35S200-64	98924045	0.85	14,504
20.00	6	2	6	263	35S200-67	98924046	0.85	15,107

4" SP 45S Pumps 45 GPM Selection Guide

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
45S10-3	4	1	1	230	98924276	98914842	96465610	98315254
	4	1	3	230	98924437	98914842	96465627	-
	4	1	3	460	98924586	98914842	96465650	-
45S15-4	4	1-1/2	1	230	98924277	98924047	96465612	98315254
	4	1-1/2	3	230	98924438	98924047	96465629	-
	4	1-1/2	3	460	98924587	98924047	96465651	-
45S20-5	4	2	1	230	98924278	98924048	96449947	98315256
	4	2	3	230	98924439	98924048	96465630	-
	4	2	3	460	98924588	98924048	96465652	-
45S30-7	4	3	1	230	98924279	98865395	96449948	98315258
	4	3	3	230	98924440	98865395	96405801	-
	4	3	3	460	98924589	98865395	96405810	-
45S50-9	4	5	1	230	98924280	98924049	96449949	98315260
	4	5	3	230	98924441	98924049	96405802	-
	4	5	3	460	98924590	98924049	96405811	-
45S50-12	4	5	1	230	98924281	98924050	96449949	98315260
	4	5	3	230	98924442	98924050	96405802	-
	4	5	3	460	98924591	98924050	96405811	-
45S75-15	4	7-1/2	3	230	98924443	98924051	96405805	-
	4	7-1/2	3	460	98924592	98924051	96405814	-
	4	7-1/2	3	230	98924445	98924055	96166181	-
	4	7-1/2	3	460	98924596	98924055	96166161	-
45S75-18	4	7-1/2	3	230	98924444	98924052	96405805	-
	4	7-1/2	3	460	98924593	98924052	96405814	-
	4	7-1/2	3	230	98924446	98924056	96166181	-
	4	7-1/2	3	460	98924597	98924056	96166161	-
45S100-22	4	10	3	460	98924594	98924053	96440318	-
	4	10	3	230	98924447	98924058	96166182	-
	4	10	3	460	98924598	98924058	96166162	-
45S100-25	4	10	3	460	98924595	98924054	96440318	-
	4	10	3	230	98924448	98924059	96166182	-
	4	10	3	460	98924599	98924059	96166162	-
45S150-28	6	15	3	230	98924449	98924060	96166184	-
	6	15	3	460	98924600	98924060	96166164	-
45S150-31	6	15	3	230	98924450	98924061	96166184	-
	6	15	3	460	98924601	98924061	96166164	-
45S150-34	6	15	3	230	98924451	98924062	96166184	-
	6	15	3	460	98924602	98924062	96166164	-
45S150-37	6	15	3	230	98924452	98924063	96166184	-
	6	15	3	460	98924603	98924063	96166164	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .84, Complete with Motor (PM) = PEICL .84, with CUE (Controller) = PEIVL .54, 2-Pole

4” SP 45S Pumps 45 GPM Selection Guide

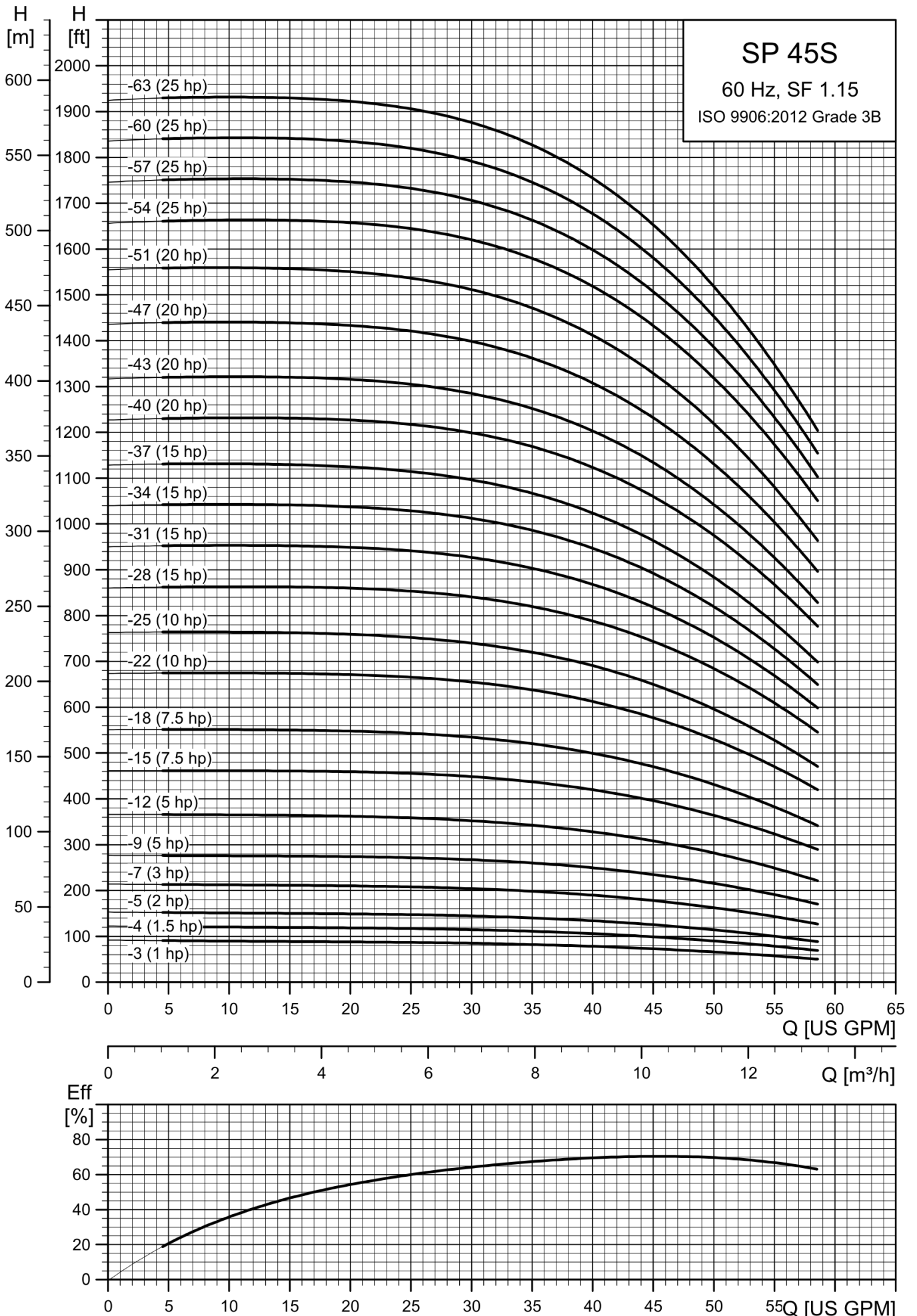
3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
45S200-40DS	6	20	3	230	-	98924064	99533642	-
	6	20	3	460	-	98924064	99533633	-
45S200-43DS	6	20	3	230	-	98924066	99533642	-
	6	20	3	460	-	98924066	99533633	-
45S200-47DS	6	20	3	230	-	98924067	99533642	-
	6	20	3	460	-	98924067	99533633	-
45S200-51DS	6	20	3	230	-	98924068	99533642	-
	6	20	3	460	-	98924068	99533633	-
45S250-54DS	6	25	3	230	-	98924069	99533643	-
	6	25	3	460	-	98924069	99533634	-
45S250-57DS	6	25	3	230	-	98924070	99533643	-
	6	25	3	460	-	98924070	99533634	-
45S250-60DS	6	25	3	230	-	98924071	99533643	-
	6	25	3	460	-	98924071	99533634	-
45S250-63DS	6	25	3	230	-	98924072	99533643	-
	6	25	3	460	-	98924072	99533634	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .84, Complete with Motor (PM) = PEICL .84, with CUE (Controller) = PEIVL .54, 2-Pole

SP 4" SUBMERSIBLE PUMPS



SP 45S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,920 Ft. of Head (585 m) or up to 55 GPM (12.5 m3/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m3/h) or 6" motor 9 GPM (2 m3/h) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .84, Complete with Motor (PM) = PEICL .84, with CUE (Controller) = PEIVL .54, 2-Pole.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W											
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 230V											
4	1.00	34	45S10-3	98924276	2,210						
4	1.50	39	45S15-4	98924277	2,469						
4	2.00	56	45S20-5	98924278	2,751						
4	3.00	68	45S30-7	98924279	3,946						
4	5.00	82	45S50-9	98924280	5,983						
4	5.00	137	45S50-12	98924281	6,463						
3 x 230V											
4	1.00	31	45S10-3	98924437	2,226						
4	1.50	36	45S15-4	98924438	2,364						
4	2.00	41	45S20-5	98924439	2,582						
3 x 460V											
4	1.00	31	45S10-3	98924586	2,226						
4	1.50	36	45S15-4	98924587	2,364						
4	2.00	41	45S20-5	98924588	2,582						
3 x 208-230V											
4	3.00	55	45S30-7	98924440	3,538						
4	5.00	71	45S50-9	98924441	5,708						
4	5.00	126	45S50-12	98924442	6,188						
4	7.50	98	45S75-15	98924443	8,354						
4	7.50	102	45S75-18	98924444	9,208						
3 x 440-460V											
4	3.00	55	45S30-7	98924589	3,538						
4	5.00	71	45S50-9	98924590	5,708						
4	5.00	126	45S50-12	98924591	6,188						
4	7.50	98	45S75-15	98924592	8,354						
4	7.50	102	45S75-18	98924593	9,208						
4	10.00	179	45S100-22	98924594	11,668						
4	10.00	185	45S100-25	98924595	13,329						
3 x 208-220-230V											
6	7.50	180	45S75-15	98924445	8,540	6	20.00	331	45S200-40	98924453	O.R.
6	7.50	183	45S75-18	98924446	9,394	6	20.00	337	45S200-43	98924454	O.R.
6	10.00	205	45S100-22	98924447	10,642	6	20.00	350	45S200-47	98924457	O.R.
6	10.00	209	45S100-25	98924448	12,309	6	20.00	358	45S200-51	98924458	O.R.
6	15.00	238	45S150-28	98924449	14,366	6	25.00	388	45S250-54	98924459	O.R.
6	15.00	247	45S150-31	98924450	14,947	6	25.00	393	45S250-57	98924460	O.R.

The prices are valid from 1 January 2024 and effective in USA ONLY and subject to change without notice. Shipping weights are approximate.

SP 45S

SP 4" SUBMERSIBLE PUMPS

Continuation

3W											
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
6	15.00	251	45S150-34	98924451	15,531	6	25.00	413	45S250-60	98924461	O.R.
6	15.00	255	45S150-37	98924452	16,111	6	25.00	419	45S250-63	98924462	O.R.
3 x 440-460-480V											
6	7.50	180	45S75-15	98924596	8,540	6	20.00	331	45S200-40	98924604	O.R.
6	7.50	183	45S75-18	98924597	9,394	6	20.00	337	45S200-43	98924605	19,479
6	10.00	205	45S100-22	98924598	10,642	6	20.00	350	45S200-47	98924606	O.R.
6	10.00	209	45S100-25	98924599	12,309	6	20.00	358	45S200-51	98924607	O.R.
6	15.00	238	45S150-28	98924600	14,366	6	25.00	388	45S250-54	98924608	O.R.
6	15.00	247	45S150-31	98924601	14,947	6	25.00	393	45S250-57	98924609	O.R.
6	15.00	251	45S150-34	98924602	15,531	6	25.00	413	45S250-60	98924610	O.R.
6	15.00	255	45S150-37	98924603	16,111	6	25.00	419	45S250-63	98924611	O.R.

SP 45S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,920 Ft. of Head (585 m) or up to 55 GPM (12.5 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .84, Complete with Motor (PM) = PEICL .84, with CUE (Controller) = PEIVL .54, 2-Pole.

See the **SP Data Booklet** or **Grundfos Product Center (GPC)** for actual specifications on a particular pump.

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MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
1.00	4	2	5	13	45S10-3	98914842	0.84	1,437
1.50	4	2	5	15	45S15-4	98924047	0.84	1,466
2.00	4	2	5	16	45S20-5	98924048	0.84	1,436
3.00	4	2	5	18	45S30-7	98865395	0.84	1,888
5.00	4	2	5	21	45S50-9	98924049	0.84	3,133
5.00	4	2	5	25	45S50-12	98924050	0.84	3,613
7.50	4	2	5	29	45S75-15	98924051	0.84	5,175
7.50	4	2	5	33	45S75-18	98924052	0.84	6,029
7.50	6	2	6	36	45S75-15	98924055	0.84	5,175
7.50	6	2	6	44	45S75-18	98924056	0.84	6,029
10.00	4	2	5	39	45S100-22	98924053	0.84	6,878
10.00	4	2	5	43	45S100-25	98924054	0.84	8,545
10.00	6	2	6	49	45S100-22	98924058	0.84	6,878
10.00	6	2	6	53	45S100-25	98924059	0.84	8,545
15.00	6	2	6	66	45S150-31	98924061	0.84	10,629
15.00	6	2	6	70	45S150-34	98924062	0.84	11,213
15.00	6	2	6	107	45S150-28	98924060	0.84	10,048
15.00	6	2	6	137	45S150-37	98924063	0.84	11,792
20.00	6	2	6	182	45S200-40	98924064	0.84	15,052
20.00	6	2	6	193	45S200-43	98924066	0.84	15,718
20.00	6	2	6	210	45S200-47	98924067	0.84	16,465
20.00	6	2	6	218	45S200-51	98924068	0.84	17,213
25.00	6	2	6	232	45S250-54	98924069	0.84	17,860
25.00	6	2	6	238	45S250-57	98924070	0.84	18,559
25.00	6	2	6	244	45S250-60	98924071	0.84	19,324
25.00	6	2	6	249	45S250-63	98924072	0.84	20,151

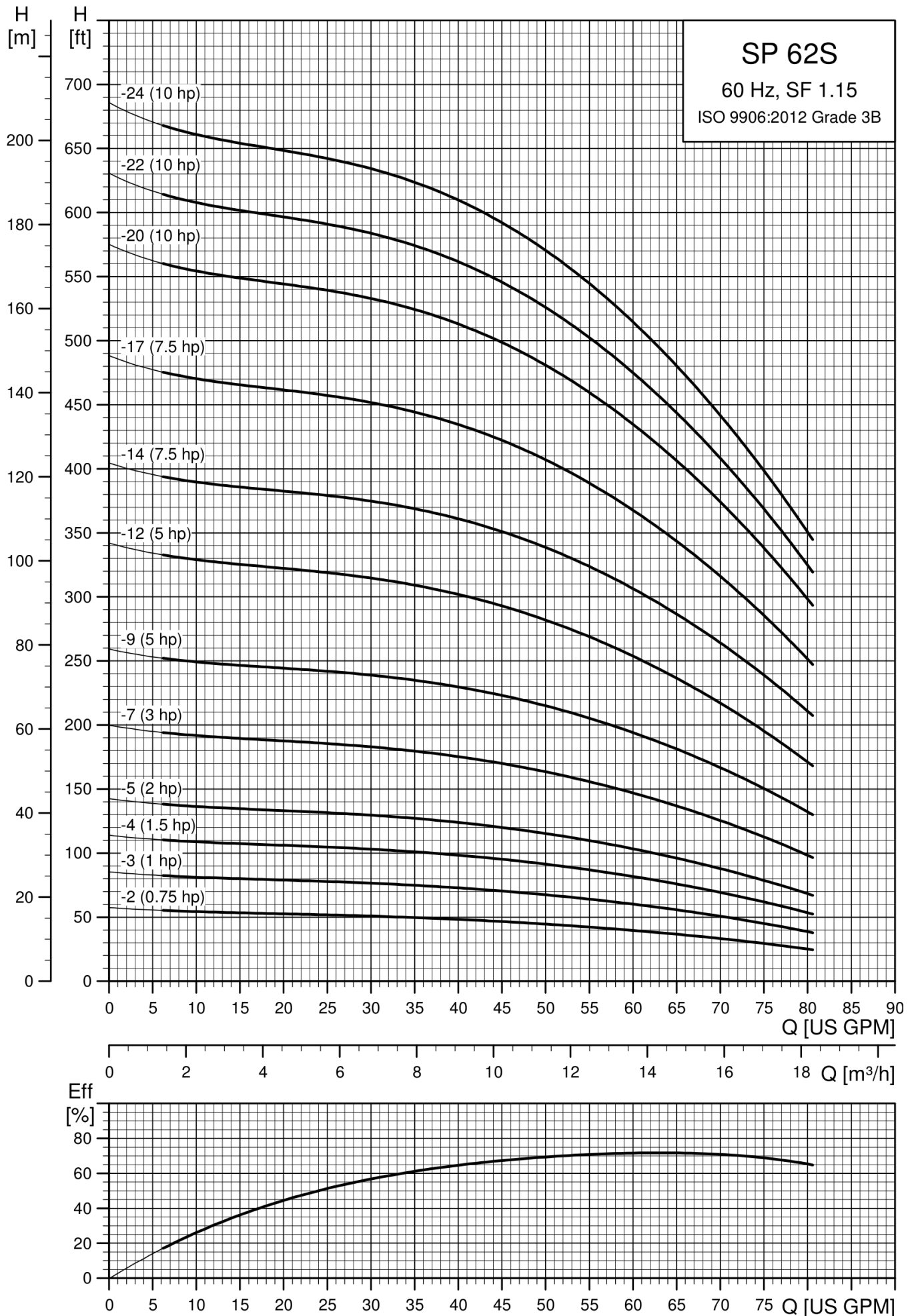
4" SP 62S Pumps 62 GPM Selection Guide

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
62S07-2	4	3/4	1	230	98924282	98924073	96465608	98821632
	4	3/4	3	230	98924463	98924073	96465626	-
	4	3/4	3	460	98924612	98924073	96465639	-
62S10-3	4	1	1	230	98924283	98924074	96465610	98821633
	4	1	3	230	98924464	98924074	96465627	-
	4	1	3	460	98924613	98924074	96465650	-
62S15-4	4	1-1/2	1	230	98924284	98924075	96465612	98315254
	4	1-1/2	3	230	98924465	98924075	96465629	-
	4	1-1/2	3	460	98924614	98924075	96465651	-
62S20-5	4	2	1	230	98924286	98924076	96449947	98315256
	4	2	3	230	98924466	98924076	96465630	-
	4	2	3	460	98924615	98924076	96465652	-
62S30-7	4	3	1	230	98924287	98924077	96449948	98315258
	4	3	3	230	98924467	98924077	96405801	-
	4	3	3	460	98924616	98924077	96405810	-
62S50-9	4	5	1	230	98924288	98924078	96449949	98315260
	4	5	3	230	98924468	98924078	96405802	-
	4	5	3	460	98924617	98924078	96405811	-
62S50-12	4	5	1	230	98924289	98914843	96449949	98315260
	4	5	3	230	98924469	98914843	96405802	-
	4	5	3	460	98924619	98914843	96405811	-
62S75-14	4	7-1/2	3	230	98924470	98924079	96405805	-
	4	7-1/2	3	460	98924620	98924079	96405814	-
	6	7-1/2	3	230	98924472	98924084	96166181	-
	6	7-1/2	3	460	98924625	98924084	96166161	-
62S75-17	4	7-1/2	3	230	98924471	98924080	96405805	-
	4	7-1/2	3	460	98924621	98924080	96405814	-
	6	7-1/2	3	230	98924473	98924085	96166181	-
	6	7-1/2	3	460	98924626	98924085	96166161	-
62S100-20	4	10	3	460	98924622	98924081	96440318	-
	6	10	3	230	98924474	98924086	96166182	-
	6	10	3	460	98924627	98924086	96166162	-
62S100-22	4	10	3	460	98924623	98924082	96440318	-
	6	10	3	230	98924475	98924088	96166182	-
	6	10	3	460	98924628	98924088	96166162	-
62S100-24	4	10	3	460	98924624	98924083	96440318	-
	6	10	3	230	98924476	98924089	96166182	-
	6	10		460	98924629	98924089	96166162	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .88, Complete with Motor (PM) = PEICL .88, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4HP out of regulation scope.



SP 62S

SP 4" SUBMERSIBLE PUMPS

SP 62S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 660 Ft. of Head (201 m) or up to 76 GPM (17.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .88, Complete with Motor (PM) = PEICL .88, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4HP out of regulation scope.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
1 x 230V						
4	0.75	32	62S07-2	98924282	2,199	
4	1.00	36	62S10-3	98924283	2,258	
4	1.50	41	62S15-4	98924284	2,520	
4	2.00	59	62S20-5	98924286	3,049	
4	3.00	72	62S30-7	98924287	4,492	
4	5.00	100	62S50-12	98924289	6,902	
4	5.00	138	62S50-9	98924288	6,274	
3 x 230V						
4	0.75	29	62S07-2	98924463	2,163	
4	1.00	33	62S10-3	98924464	2,276	
4	1.50	38	62S15-4	98924465	2,412	
4	2.00	43	62S20-5	98924466	2,880	
3 x 460V						
4	0.75	29	62S07-2	98924612	2,163	
4	1.00	33	62S10-3	98924613	2,276	
4	1.50	38	62S15-4	98924614	2,412	
4	2.00	43	62S20-5	98924615	2,880	
3 x 208-230V						
4	3.00	58	62S30-7	98924467	4,084	
4	5.00	89	62S50-12	98924469	6,627	
4	5.00	127	62S50-9	98924468	5,999	
4	7.50	166	62S75-14	98924470	7,355	
4	7.50	172	62S75-17	98924471	7,936	
3 x 440-460V						
4	3.00	58	62S30-7	98924616	4,084	
4	5.00	89	62S50-12	98924619	6,627	
4	5.00	127	62S50-9	98924617	5,999	
4	7.50	166	62S75-14	98924620	7,355	
4	7.50	172	62S75-17	98924621	7,936	
4	10.00	193	62S100-20	98924622	10,255	
4	10.00	197	62S100-22	98924623	10,836	
4	10.00	201	62S100-24	98924624	11,419	
3 x 208-220-230V						
6	7.50	194	62S75-14	98924472	7,541	
6	7.50	199	62S75-17	98924473	8,122	
6	10.00	214	62S100-20	98924474	9,234	

Continuation

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
6	10.00	222	62S100-22	98924475	9,815	
6	10.00	226	62S100-24	98924476	10,398	
3 x 440-460-480V						
6	7.50	194	62S75-14	98924625	7,541	
6	7.50	199	62S75-17	98924626	8,122	
6	10.00	214	62S100-20	98924627	9,234	
6	10.00	222	62S100-22	98924628	9,815	
6	10.00	226	62S100-24	98924629	10,398	

SP 62S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 660 Ft. of Head (201 m) or up to 76 GPM (17.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .88, Complete with Motor (PM) = PEICL .88, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4HP out of regulation scope.

See the **SP Data Booklet** or **Grundfos Product Center (GPC)** for actual specifications on a particular pump.



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MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
0.70	4	2	5	13	62S07-2	98924073		1,461
1.00	4	2	5	15	62S10-3	98924074	0.88	1,490
1.50	4	2	5	17	62S15-4	98924075	0.88	1,516
2.00	4	2	5	18	62S20-5	98924076	0.88	1,733
3.00	4	2	5	22	62S30-7	98924077	0.88	2,434
5.00	4	2	5	26	62S50-9	98924078	0.88	3,424
5.00	4	2	5	31	62S50-12	98914843	0.88	4,052
7.50	4	2	5	35	62S75-14	98924079	0.88	4,176
7.50	4	2	5	41	62S75-17	98924080	0.88	4,757
7.50	6	2	6	45	62S75-14	98924084	0.88	4,176
7.50	6	2	6	97	62S75-17	98924085	0.88	4,757
10.00	4	2	5	58	62S100-22	98924082	0.88	6,051
10.00	4	2	5	62	62S100-24	98924083	0.88	6,634
10.00	4	2	5	98	62S100-20	98924081	0.88	5,470
10.00	6	2	6	57	62S100-20	98924086	0.88	5,470
10.00	6	2	6	61	62S100-22	98924088	0.88	6,051
10.00	6	2	6	128	62S100-24	98924089	0.88	6,634

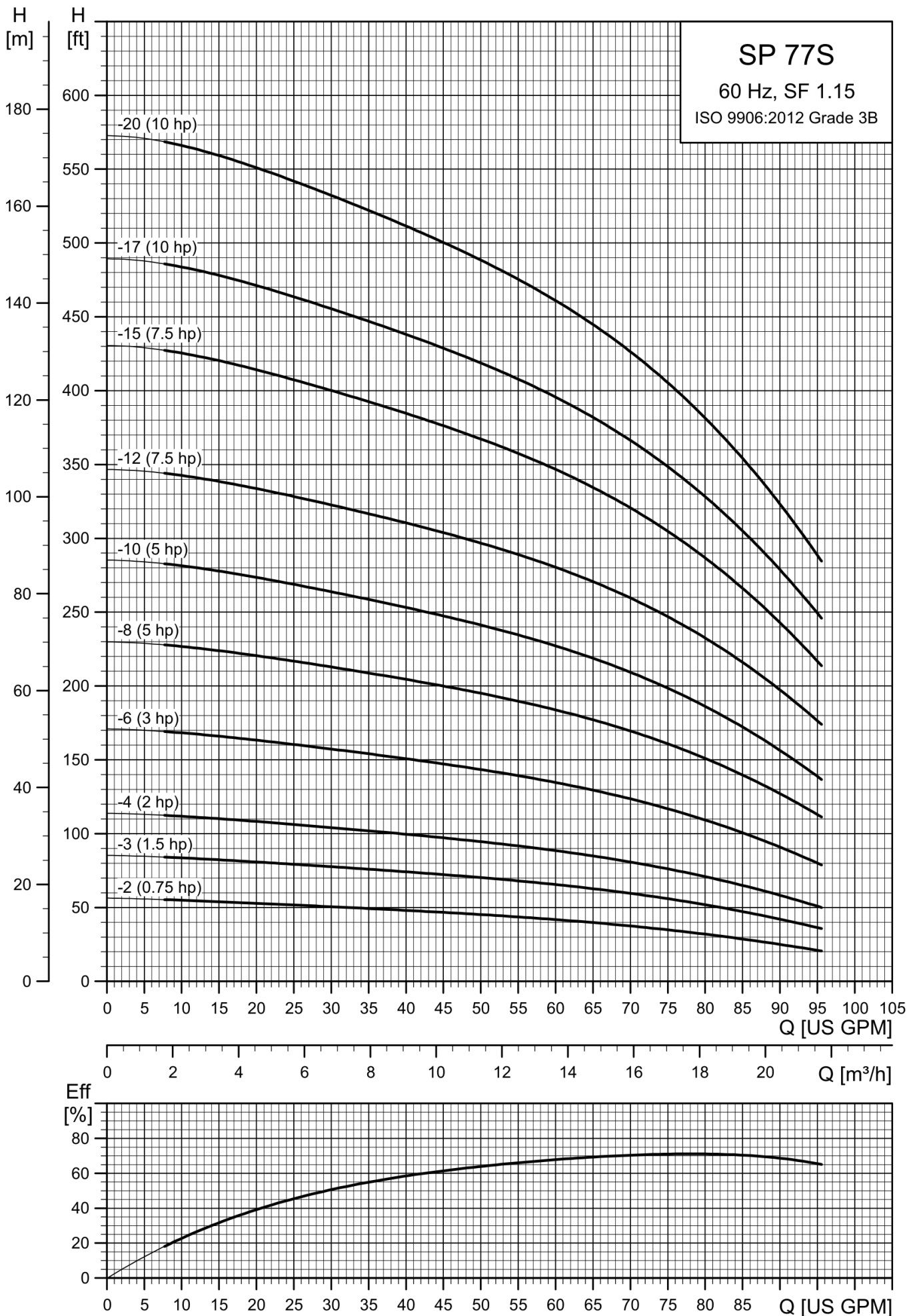
6" SP 77S Pumps 77 GPM Selection Guide

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
77S7-2	4	3/4	1	230	98924291	98914844	96465608	98821632
	4	3/4	3	230	98924477	98914844	96465626	-
	4	3/4	3	460	98924630	98914844	96465639	-
77S15-3	4	1-1/2	1	230	98924292	98924090	96465612	98315254
	4	1-1/2	3	230	98924478	98924090	96465629	-
	4	1-1/2	3	460	98924631	98924090	96465651	-
77S20-4	4	2	1	230	98924294	98924091	96449947	98315256
	4	2	3	230	98924479	98924091	96465630	-
	4	2	3	460	98924632	98924091	96465652	-
77S30-6	4	3	1	230	98924295	98924092	96449948	98315258
	4	3	3	230	98924480	98924092	96405801	-
	4	3	3	460	98924633	98924092	96405810	-
77S50-8	4	5	1	230	98924296	98924093	96449949	98315260
	4	5	3	230	98924481	98924093	96405802	-
	4	5	3	460	98924634	98924093	96405811	-
77S50-10	4	5	1	230	98924297	98924094	96449949	98315260
	4	5	3	230	98924482	98924094	96405802	-
	4	5	3	460	98924635	98924094	96405811	-
77S75-12	4	7-1/2	3	230	98924483	98924095	96405805	-
	4	7-1/2	3	460	98924636	98924095	96405814	-
	6	7-1/2	3	230	98924485	98924099	96166181	-
	6	7-1/2	3	460	98924640	98924099	96166161	-
77S75-15	4	7-1/2	3	230	98924484	98924096	96405805	-
	4	7-1/2	3	460	98924637	98924096	96405814	-
	6	7-1/2	3	230	98924486	98924100	96166181	-
	6	7-1/2	3	460	98924641	98924100	96166161	-
77S100-17	4	10	3	460	98924638	98924097	96440318	-
	6	10	3	230	98924487	98924101	96166182	-
	6	10	3	460	98924642	98924101	96166162	-
77S100-20	4	10	3	460	98924639	98924098	96440318	-
	6	10	3	230	98924488	98924102	96166182	-
	6	10	3	460	98924643	98924102	96166162	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .89, Complete with Motor (PM) = PEICL .91, with CUE (Controller) = PEIVL .54, 2-Pole, 3/4HP out of regulation scope.



SP 77S

SP 4" SUBMERSIBLE PUMPS

SP 77S: 4" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 568 Ft. of Head (173 m) or up to 92 GPM (20.9 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .89, Complete with Motor (PM) = PEICL .91, with CUE (Controller) PEIVL .54, 2-Pole, 3/4HP out of regulation scope.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W											
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
1 x 230V											
4	0.75	32	77S07-2	98924291	2,664						
4	1.50	39	77S15-3	98924292	2,736						
4	2.00	57	77S20-4	98924294	2,959						
4	3.00	70	77S30-6	98924295	4,168						
4	5.00	96	77S50-10	98924297	6,593						
4	5.00	136	77S50-8	98924296	6,010						
3 x 230V											
4	0.75	29	77S07-2	98924477	2,474						
4	1.50	36	77S15-3	98924478	2,547						
4	2.00	41	77S20-4	98924479	2,790						
3 x 460V											
4	0.75	29	77S07-2	98924630	2,474						
4	1.50	36	77S15-3	98924631	2,547						
4	2.00	42	77S20-4	98924632	2,790						
3 x 208-230V											
4	3.00	57	77S30-6	98924480	3,761						
4	5.00	125	77S50-8	98924481	5,735						
4	5.00	129	77S50-10	98924482	6,318						
4	7.50	100	77S75-12	98924483	8,090						
4	7.50	168	77S75-15	98924484	8,671						
3 x 440-460V											
4	3.00	57	77S30-6	98924633	3,761						
4	5.00	125	77S50-8	98924634	5,735						
4	5.00	129	77S50-10	98924635	6,318						
4	7.50	100	77S75-12	98924636	8,090						
4	7.50	168	77S75-15	98924637	8,671						
4	10.00	183	77S100-17	98924638	10,858						
4	10.00	193	77S100-20	98924639	11,439						
3 x 208-220-230V											
6	7.50	181	77S75-12	98924485	8,275	4	7.50	102	77S75-11	99945526	O.R.
6	7.50	196	77S75-15	98924486	8,856						
6	10.00	208	77S100-17	98924487	9,838						
6	10.00	214	77S100-20	98924488	10,418						
3 x 440-460-480V											
6	7.50	181	77S75-12	98924640	8,275						

Continuation

3W											
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
6	7.50	196	77S75-15	98924641	8,856						
6	10.00	208	77S100-17	98924642	9,838						
6	10.00	214	77S100-20	98924643	10,418						

SP 77S - PUMP END: 4" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 568 Ft. of Head (173 m) or up to 92 GPM (20.9 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .89, Complete with Motor (PM) = PEICL .91, with CUE (Controller) PEIVL .54, 2-Pole, 3/4HP out of regulation scope.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
0.70	4	2	5	13	77S07-2	98914844	1,496
1.50	4	2	5	15	77S15-3	98924090	1,570
2.00	4	2	5	17	77S20-4	98924091	1,644
3.00	4	2	5	20	77S30-6	98924092	2,110
5.00	4	2	5	24	77S50-8	98924093	3,160
5.00	4	2	5	28	77S50-10	98924094	3,743
7.50	4	2	5	31	77S75-12	98924095	4,910
7.50	4	2	5	37	77S75-15	98924096	5,491
7.50	6	2	6	41	77S75-12	98924099	4,910
7.50	6	2	6	47	77S75-15	98924100	5,491
10.00	4	2	5	41	77S100-17	98924097	6,074
10.00	4	2	5	98	77S100-20	98924098	6,655
10.00	6	2	6	57	77S100-20	98924102	6,655
10.00	6	2	6	97	77S100-17	98924101	6,074

6" SP 85S Pumps 85 GPM Selection Guide

3 Wire - Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
85S15-1	4	1-1/2	1	230	12BG3601	12B60001	96465612	98315254
			3	230	12B63001	12B60001	96465629	-
			3	460	12B63601	12B60001	96465651	-
85S30-2	4	3	1	230	12B64502	12B60002	96449948	98315258
			3	230	12B63002	12B60002	96405801	-
			3	460	12B63602	12B60002	96405810	-
85S50-3	4	5	1	230	12B64503	12B60003	96449949	98315260
			3	230	12B63003	12B60003	96405802	-
			3	460	12B63603	12B60003	96405811	-
85S50-4	4	5	1	230	12B64504	12B60004	96449949	98315260
			3	230	12B63004	12B60004	96405802	-
			3	460	12B63604	12B60004	96405811	-
85S75-5	4	7-1/2	3	230	12B63005	12B60005	96405805	-
			3	460	12B63605	12B60005	96405814	-
85S75-5	6	7-1/2	3	230	12BG3005	12BG0005	96166181	-
			3	460	12BG3605	12BG0005	96166161	-
85S75-6	4	7-1/2	3	230	12B63006	12B60006	96405805	-
			3	460	12B63606	12B60006	96405814	-
85S75-6	6	7-1/2	3	230	12BG3006	12BG0006	96166181	-
			3	460	12BG3606	12BG0006	96166161	-
85S100-7	4	10	3	460	12BG3607	12BG0007	96440318	-
85S100-7	6	10	3	230	12B63007	12B60007	96166182	-
			3	460	12B63607	12B60007	96166162	-
85S100-8	4	10	3	460	12BG3608	12BG0008	96440318	-
85S100-8	6	10	3	230	12B63008	12B60008	96166182	-
			3	460	12B63608	12B60008	96166162	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .82, Complete with Motor (PM) = PEICL .85, with CUE (Controller) = PEIVL .52, 2-Pole

6" SP 85S Pumps 85 GPM Selection Guide

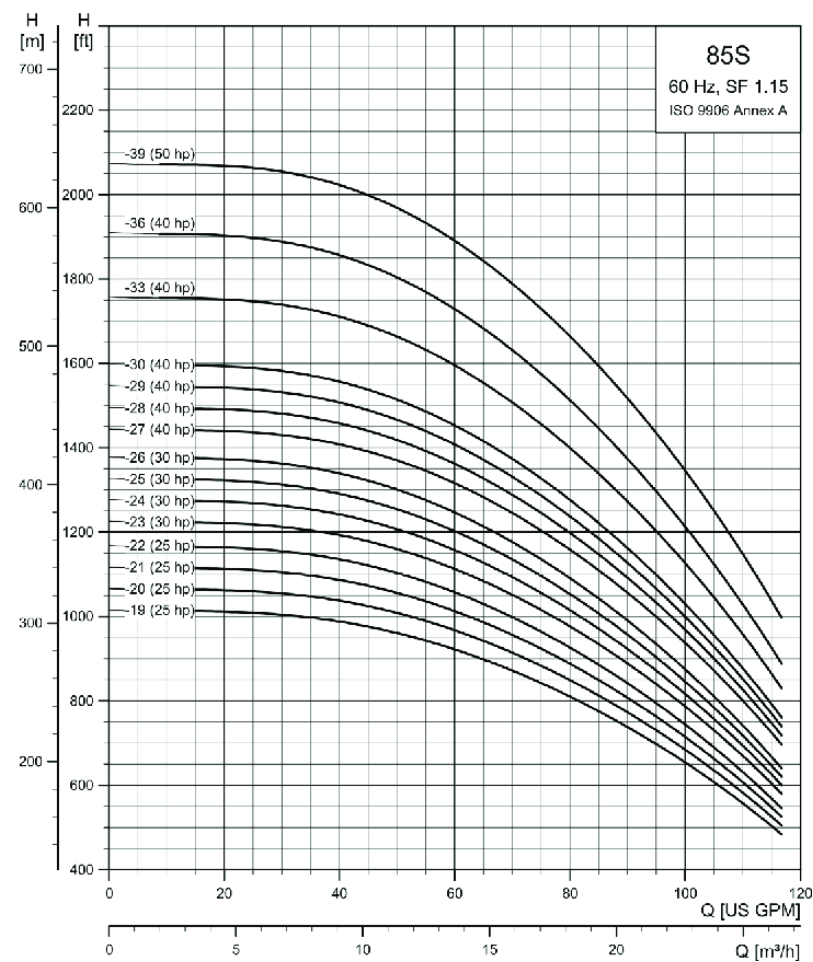
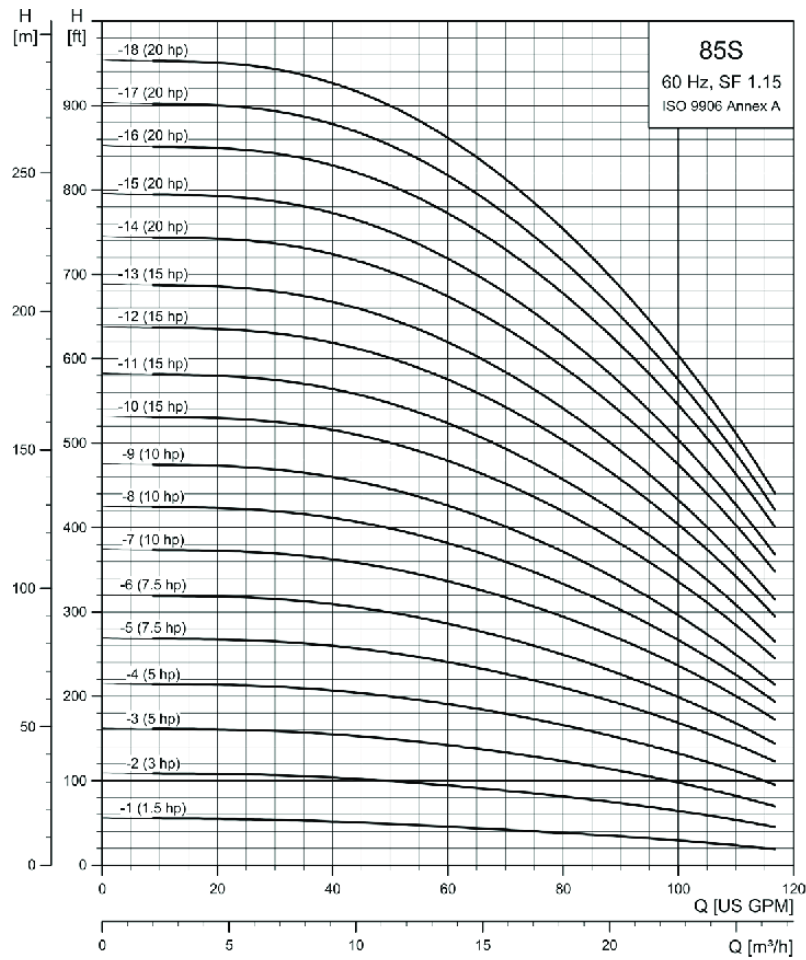
Continued 3 Wire - Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
85S100-9	4	10	3	460	12BG3609	12BG0009	96440318
	6	10	3	230	12B63009	12B60009	96166182
	6	10	3	460	12B63609	12B60009	96166162
85S150-10	6	15	3	230	12B63010	12B60010	96166184
	6	15	3	460	12B63610	12B60010	96166164
85S150-11	6	15	3	230	12B63011	12B60011	96166184
	6	15	3	460	12B63611	12B60011	96166164
85S150-12	6	15	3	230	12B63012	12B60012	96166184
	6	15	3	460	12B63612	12B60012	96166164
85S150-13	6	15	3	230	12B63013	12B60013	96166184
	6	15	3	460	12B63613	12B60013	96166164
85S200-14	6	20	3	230	12B63014	12B60014	96166186
	6	20	3	460	12B63614	12B60014	96166166
85S200-15	6	20	3	230	12B63015	12B60015	96166186
	6	20	3	460	12B63615	12B60015	96166166
85S200-16	6	20	3	230	12B63016	12B60016	96166186
	6	20	3	460	12B63616	12B60016	96166166
85S200-17	6	20	3	230	12B63017	12B60017	96166186
	6	20	3	460	12B63617	12B60017	96166166
85S200-18	6	20	3	230	12B63018	12B60018	96166186
	6	25	3	460	12B63618	12B60018	96166166
85S250-19	6	25	3	230	12B63019	12B60019	96166187
	6	25	3	460	12B63619	12B60019	96166167
85S250-20	6	25	3	230	12B63020	12B60020	96166187
	6	25	3	460	12B63620	12B60020	96166167
85S250-21	6	25	3	230	12B63021	12B60021	96166187
	6	25	3	460	12B63621	12B60021	96166167
85S250-22	6	25	3	230	12B63022	12B60022	96166187
	6	25	3	460	12B63622	12B60022	96166167
85S300-23	6	30	3	230	12B63023	12B60023	96166188
	6	30	3	460	12B63623	12B60023	96166168
85S300-24	6	30	3	230	12B63024	12B60024	96166188
	6	30	3	460	12B63624	12B60024	96166168
	6	30	3	230	12B63025	12B60025	96166188
	6	30	3	460	12B63625	12B60025	96166188
85S300-26	6	30	3	230	12B63026	12B60026	96166188
	6	30	3	460	12B63626	12B60026	96166168
85S400-27	6	40	3	460	12B63627	12B60027	96166170
85S400-28	6	40	3	460	12B63628	12B60028	96166170
85S400-29	6	40	3	460	12B63629	12B60029	96166170
85S400-30	6	40	3	460	12B63630	12B60030	96166170
85S400-33	6	40	3	460	12B83633	12B80033	96166170
	8	40	3	460	-	12B90033	99973360
85S400-36	6	40	3	460	12B83636	12B80036	96166170
	8	40	3	460	-	12B90036	99973360
85S500-39	6	50	3	460	-	12B80039	99600226
	8	50	3	460	-	12B90039	99973361

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .82, Complete with Motor (PM) = PEICL .85, with CUE (Controller) = PEIVL .52, 2-Pole

SP 6"-10" SUBMERSIBLE PUMPS ► STAINLESS STEEL 304 - STANDARD



SP 85S: 6" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 950 Ft. of Head (290 m) or up to 105 GPM (23.8 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .82, Complete with Motor (PM) = PEICL .85, with CUE (Controller) = PEIVL .52, 2-Pole.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG 21

	Motor Diameter	P2 [HP]	3W		Part Number	PEI	Price
			Shipping Weight [LBS]	Short description			
1 x 230V							
	4	1.50	32	85S15-1	12BG3601	0.85	2,200
	4	3.00	67	85S30-2	12B64502	0.85	4,043
	4	5.00	85	85S50-3	12B64503	0.85	5,802
	4	5.00	88	85S50-4	12B64504	0.85	6,305
3 x 230V							
	4	1.50	36	85S15-1	12B63001	0.85	2,156
3 x 460V							
	4	1.50	36	85S15-1	12B63601	0.85	2,156
3 x 208-230V							
	4	3.00	54	85S30-2	12B63002	0.85	3,635
	4	5.00	74	85S50-3	12B63003	0.85	5,527
	4	5.00	77	85S50-4	12B63004	0.85	6,030
	4	7.50	91	85S75-5	12B63005	0.85	7,277
	4	7.50	94	85S75-6	12B63006	0.85	7,739
3 x 440-460V							
	4	3.00	54	85S30-2	12B63602	0.85	3,635
	4	5.00	74	85S50-3	12B63603	0.85	5,527
	4	5.00	77	85S50-4	12B63604	0.85	6,030
	4	7.50	91	85S75-5	12B63605	0.85	7,277
	4	7.50	94	85S75-6	12B63606	0.85	7,739
	4	10.00	153	85S100-7	12BG3607	0.85	9,487
	4	10.00	156	85S100-8	12BG3608	0.85	10,142
	4	10.00	159	85S100-9	12BG3609	0.85	10,815
3 x 208-220-230V							
	6	7.50	161	85S75-5	12BG3005	0.85	7,462
	6	7.50	164	85S75-6	12BG3006	0.85	7,925

SP 85S

SP 6"-10" SUBMERSIBLE PUMPS ► STAINLESS STEEL 304 - STANDARD

Continuation

3W							
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
6	10.00	174	85S100-7	12B63007	0.85	8,466	
6	10.00	177	85S100-8	12B63008	0.85	9,122	
6	10.00	183	85S100-9	12B63009	0.85	9,794	
6	15.00	206	85S150-10	12B63010	0.85	10,828	
6	15.00	218	85S150-11	12B63011	0.85	11,623	
6	15.00	221	85S150-12	12B63012	0.85	12,019	
6	15.00	224	85S150-13	12B63013	0.85	12,235	
6	20.00	243	85S200-14	12B63014	0.85	13,446	
6	20.00	255	85S200-15	12B63015	0.85	13,981	
6	20.00	258	85S200-16	12B63016	0.85	14,345	
6	20.00	261	85S200-17	12B63017	0.85	14,685	
6	20.00	264	85S200-18	12B63018	0.85	14,902	
6	25.00	280	85S250-19	12B63019	0.85	16,053	
6	25.00	283	85S250-20	12B63020	0.85	16,323	
6	25.00	286	85S250-21	12B63021	0.85	16,565	
6	25.00	289	85S250-22	12B63022	0.85	16,849	
6	30.00	313	85S300-23	12B63023	0.85	18,078	
6	30.00	316	85S300-24	12B63024	0.85	18,344	
6	30.00	319	85S300-25	12B63025	0.85	18,627	
6	30.00	322	85S300-26	12B63026	0.85	18,895	
3 x 440-460-480V							
6	7.50	161	85S75-5	12BG3605	0.85	7,462	
6	7.50	164	85S75-6	12BG3606	0.85	7,925	
6	10.00	174	85S100-7	12B63607	0.85	8,466	
6	10.00	177	85S100-8	12B63608	0.85	9,122	
6	10.00	183	85S100-9	12B63609	0.85	9,794	
6	15.00	206	85S150-10	12B63610	0.85	10,828	
6	15.00	218	85S150-11	12B63611	0.85	11,623	
6	15.00	221	85S150-12	12B63612	0.85	12,019	
6	15.00	224	85S150-13	12B63613	0.85	12,235	
6	20.00	243	85S200-14	12B63614	0.85	13,446	
6	20.00	255	85S200-15	12B63615	0.85	13,981	
6	20.00	258	85S200-16	12B63616	0.85	14,345	
6	20.00	261	85S200-17	12B63617	0.85	14,685	
6	20.00	264	85S200-18	12B63618	0.85	14,902	
6	25.00	280	85S250-19	12B63619	0.85	16,053	
6	25.00	283	85S250-20	12B63620	0.85	16,323	
6	25.00	286	85S250-21	12B63621	0.85	16,565	
6	25.00	289	85S250-22	12B63622	0.85	16,849	
6	30.00	313	85S300-23	12B63623	0.85	18,078	
6	30.00	316	85S300-24	12B63624	0.85	18,344	
6	30.00	319	85S300-25	12B63625	0.85	18,627	
6	30.00	322	85S300-26	12B63626	0.85	18,895	
6	40.00	363	85S400-27	12B63627	0.85	20,593	
6	40.00	366	85S400-28	12B63628	0.85	20,831	
6	40.00	369	85S400-29	12B63629	0.85	21,095	
6	40.00	372	85S400-30	12B63630	0.85	21,364	
6	40.00	459	85S400-33	12B83633	0.85	22,159	
6	40.00	470	85S400-36	12B83636	0.85	22,946	

SP 85S - PUMP END: 6" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 950 Ft. of Head (290 m) or up to 105 GPM (23.8 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .82, Complete with Motor (PM) = PEICL .85, with CUE (Controller) = PEIVL .52, 2-Pole.



MPG 21

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P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
1.50	4	3	6	16	85S15-1	12B60001	0.82	1,449
3.00	4	3	6	19	85S30-2	12B60002	0.82	1,985
5.00	4	3	6	22	85S50-3	12B60003	0.82	2,952
5.00	4	3	6	25	85S50-4	12B60004	0.82	3,455
7.50	4	3	6	28	85S75-5	12B60005	0.82	4,097
7.50	4	3	6	31	85S75-6	12B60006	0.82	4,560
7.50	6	3	6	30	85S75-5	12BG0005	0.82	4,097
7.50	6	3	6	33	85S75-6	12BG0006	0.82	4,560
10.00	4	3	6	34	85S100-7	12BG0007	0.82	4,703
10.00	4	3	6	37	85S100-8	12BG0008	0.82	5,358
10.00	4	3	6	40	85S100-9	12BG0009	0.82	6,031
10.00	6	3	6	36	85S100-7	12B60007	0.82	4,702
10.00	6	3	6	39	85S100-8	12B60008	0.82	5,358
15.00	6	3	6	45	85S150-10	12B60010	0.82	6,510
15.00	6	3	6	48	85S150-11	12B60011	0.82	7,304
15.00	6	3	6	55	85S150-12	12B60012	0.82	7,700
15.00	6	3	6	58	85S150-13	12B60013	0.82	7,917
20.00	6	3	6	61	85S200-14	12B60014	0.82	8,147
20.00	6	3	6	64	85S200-15	12B60015	0.82	8,683
20.00	6	3	6	67	85S200-16	12B60016	0.82	9,046
20.00	6	3	6	70	85S200-17	12B60017	0.82	9,386
20.00	6	3	6	73	85S200-18	12B60018	0.82	9,604
25.00	6	3	6	88	85S250-22	12B60022	0.82	10,694
25.00	6	3	6	123	85S250-19	12B60019	0.82	9,898
25.00	6	3	6	126	85S250-20	12B60020	0.82	10,169
25.00	6	3	6	129	85S250-21	12B60021	0.82	10,411
30.00	6	3	6	91	85S300-23	12B60023	0.82	10,952
30.00	6	3	6	94	85S300-24	12B60024	0.82	11,219
30.00	6	3	6	97	85S300-25	12B60025	0.82	11,501
30.00	6	3	6	100	85S300-26	12B60026	0.82	11,770
40.00	6	3	6	166	85S400-27	12B60027	0.82	12,038
40.00	6	3	6	169	85S400-28	12B60028	0.82	12,276
40.00	6	3	6	172	85S400-29	12B60029	0.82	12,540
40.00	6	3	6	175	85S400-30	12B60030	0.82	12,809
40.00	6	3	8	255	85S400-33	12B80033	0.82	13,604
40.00	6	3	8	266	85S400-36	12B80036	0.82	14,391

SP 85S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS ► STAINLESS STEEL 304 - STANDARD

Continuation

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
40.00	8	3		290	85S400-33	12B90033	0.82	13,604
40.00	8	3		339	85S400-36	12B90036	0.82	14,391
50.00	6	3	8	286	85S500-39	12B80039	0.82	15,200
50.00	8	3		330	85S500-39	12B90039	0.82	15,200

6” SP 150S Pumps 150 GPM Selection Guide

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
150S20-1	4	2	1	230	13B64501	13B60001	96449947	98315256
	4	2	3	230	13B63001	13B60001	96465630	-
	4	2	3	460	13B63601	13B60001	96465652	-
150S50-2	4	5	1	230	13B64502	13B60002	96449949	98315260
	4	5	3	230	13B63002	13B60002	96405802	-
	4	5	3	460	13B63602	13B60002	96405811	-
150S75-3	4	7-1/2	3	230	13B63003	13B60003	96405805	-
	4	7-1/2	3	460	13B63603	13B60003	96405814	-
150S75-4	4	7-1/2	3	230	13B63004	13B60004	96405805	-
	4	7-1/2	3	460	13B63604	13B60004	96405814	-
	6	7-1/2	3	230	13BG3004	13BG0004	96166181	-
	6	7-1/2	3	460	13BG3604	13BG0004	96166161	-
150S100-5	4	10	3	460	13BG3605	13BG0005	96440318	-
	6	10	3	230	13B63005	13B60005	96166182	-
	6	10	3	460	13B63605	13B60005	96166162	-
150S150-6	6	15	3	230	13B63006	13B60006	96166184	-
	6	15	3	460	13B63606	13B60006	96166164	-
150S150-7	6	15	3	230	13B63007	13B60007	96166184	-
	6	15	3	460	13B63607	13B60007	96166164	-
150S150-8	6	15	3	230	13B63008	13B60008	96166184	-
	6	15	3	460	13B63608	13B60008	96166164	-
150S200-9	6	20	3	230	13B63009	13B60009	96166186	-
	6	20	3	460	13B63609	13B60009	96166166	-
150S200-10	6	20	3	230	13B63010	13B60010	96166186	-
	6	20	3	460	13B63610	13B60010	96166166	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .91, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .56, 2-Pole

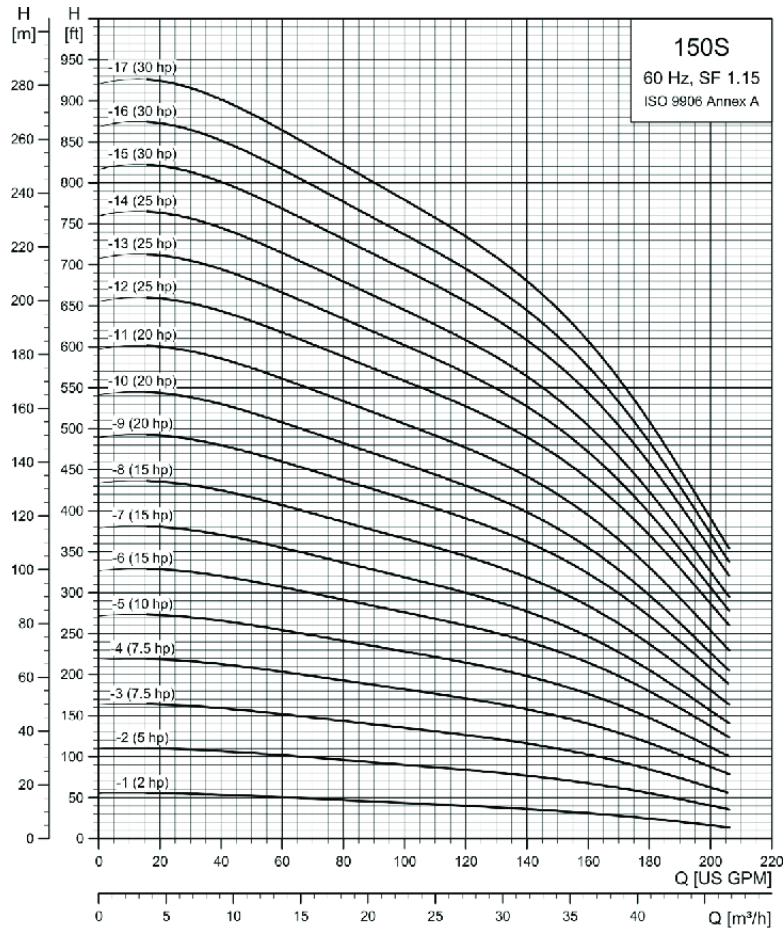
6” SP 150S Pumps 150 GPM Selection Guide

Continued - control box not required

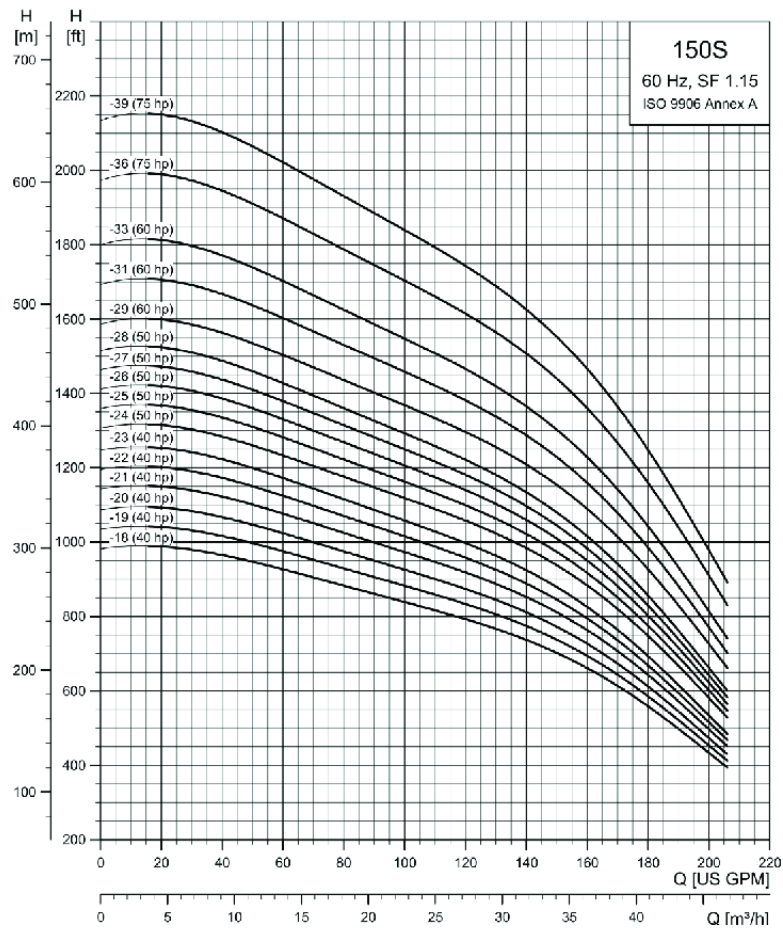
Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
150S200-11	6	20	3	230	13B63011	13B60011	96166186
	6	20	3	460	13B63611	13B60011	96166166
150S250-12	6	25	3	230	13B63012	13B60012	96166187
	6	25	3	460	13B63612	13B60012	96166167
150S250-13	6	25	3	230	13B63013	13B60013	96166187
	6	25	3	460	13B63613	13B60013	96166167
150S250-14	6	25	3	230	13B63014	13B60014	96166187
	6	25	3	460	13B63614	13B60014	96166167
150S300-15	6	30	3	230	13B63015	13B60015	96166188
	6	30	3	460	13B63615	13B60015	96166168
150S300-16	6	30	3	230	13B63016	13B60016	96166188
	6	30	3	460	13B63616	13B60016	96166168
150S300-17	6	30	3	230	13B63017	13B60017	96166188
	6	30	3	460	13B63617	13B60017	96166168
150S400-18	6	40	3	460	13B63618	13B60018	96166170
150S400-19	6	40	3	460	13B63619	13B60019	96166170
150S400-20	6	40	3	460	13B63620	13B60020	96166170
150S400-21	6	40	3	460	13B63621	13B60021	96166170
150S400-22	6	40	3	460	13B63622	13B60022	96166170
150S400-23	6	40	3	460	13B63623	13B60023	96166170
150S500-24	6	50	3	460	-	13B60024	99600226
	8	50	3	460	-	13BG0024	99973361
150S500-25	6	50	3	460	-	13B60025	99600226
	8	50	3	460	-	13BG0025	99973361
150S500-26	6	50	3	460	-	13B60026	99600226
	8	50	3	460	-	13BG0026	99973361
150S500-27	6	50	3	460	-	13B60027	99600226
	8	50	3	460	-	13BG0027	99973361
150S500-28	6	50	3	460	-	13B60028	99600226
	8	50	3	460	-	13BG0028	99973361
150S600-29	6	60	3	460	-	13B80029	99673485
	8	60	3	460	-	13B90029	99973363
150S600-31	6	60	3	460	-	13B80031	99673485
	8	60	3	460	-	13B90031	99973363
150S600-33	6	60	3	460	-	13B80033	99673485
	8	60	3	460	-	13B90033	99973363
150S750-36	8	75	3	460	-	13B90036	99973364
150S750-39	8	75	3	460	-	13B90039	99973364

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .91, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .56, 2-Pole.



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SP 150S

SP 6"-10" SUBMERSIBLE PUMPS

SP 150S: 6" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 2,150 Ft. of Head (655 m) or up to 190 GPM (43.2 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W							
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
1 x 230V							
4	2.00	57	150S20-1	13B64501	0.91	4,374	
4	5.00	85	150S50-2	13B64502	0.91	6,064	
3 x 230V							
4	2.00	42	150S20-1	13B63001	0.91	4,205	
3 x 460V							
4	2.00	42	150S20-1	13B63601	0.91	4,205	
3 x 208-230V							
4	5.00	74	150S50-2	13B63002	0.91	5,789	
4	7.50	90	150S75-3	13B63003	0.91	6,925	
4	7.50	94	150S75-4	13B63004	0.91	7,266	
3 x 440-460V							
4	5.00	74	150S50-2	13B63602	0.91	5,789	
4	7.50	90	150S75-3	13B63603	0.91	6,925	
4	7.50	94	150S75-4	13B63604	0.91	7,266	
4	10.00	154	150S100-5	13BG3605	0.91	9,177	
3 x 208-220-230V							
6	7.50	163	150S75-4	13BG3004	0.91	7,628	
6	10.00	174	150S100-5	13B63005	0.91	8,158	
6	15.00	201	150S150-6	13B63006	0.91	9,199	
6	15.00	214	150S150-7	13B63007	0.91	9,569	
6	15.00	219	150S150-8	13B63008	0.91	9,944	
6	20.00	238	150S200-9	13B63009	0.91	11,433	
6	20.00	252	150S200-10	13B63010	0.91	11,707	
6	20.00	257	150S200-11	13B63011	0.91	12,170	
6	25.00	273	150S250-12	13B63012	0.91	13,430	
6	25.00	278	150S250-13	13B63013	0.91	14,078	
6	25.00	282	150S250-14	13B63014	0.91	14,586	

SP 150S / SP 150S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

Continuation

3W							
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
6	30.00	307	150S300-15	13B63015	0.91	16,034	
6	30.00	311	150S300-16	13B63016	0.91	16,603	
6	30.00	315	150S300-17	13B63017	0.91	17,304	
3 x 440-460-480V							
6	7.50	163	150S75-4	13BG3604	0.91	7,628	
6	10.00	174	150S100-5	13B63605	0.91	8,158	
6	15.00	201	150S150-6	13B63606	0.91	9,199	
6	15.00	214	150S150-7	13B63607	0.91	9,569	
6	15.00	219	150S150-8	13B63608	0.91	9,944	
6	20.00	238	150S200-9	13B63609	0.91	11,433	
6	20.00	252	150S200-10	13B63610	0.91	11,707	
6	20.00	257	150S200-11	13B63611	0.91	12,170	
6	25.00	273	150S250-12	13B63612	0.91	13,430	
6	25.00	278	150S250-13	13B63613	0.91	14,078	
6	25.00	282	150S250-14	13B63614	0.91	14,586	
6	30.00	307	150S300-15	13B63615	0.91	16,034	
6	30.00	311	150S300-16	13B63616	0.91	16,603	
6	30.00	315	150S300-17	13B63617	0.91	17,304	
6	40.00	358	150S400-18	13B63618	0.91	19,228	
6	40.00	362	150S400-19	13B63619	0.91	19,585	
6	40.00	367	150S400-20	13B63620	0.91	19,784	
6	40.00	380	150S400-21	13B63621	0.91	20,148	
6	40.00	384	150S400-22	13B63622	0.91	20,933	
6	40.00	388	150S400-23	13B63623	0.91	21,136	

SP 150S - PUMP END: 6" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 2,150 Ft. of Head (655 m) or up to 190 GPM (43.2 m3/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m3/h) or 6" motor 9 GPM (2 m3/h) or 8" motor 25 GPM (5.7) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

See the **SP Data Booklet** or **Grundfos Product Center (GPC)** for actual specifications on a particular pump.



MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
2.00	4	3	6	17	150S20-1	13B60001	0.91	3,059
5.00	4	3	6	22	150S50-2	13B60002	0.91	3,214
7.50	4	3	6	26	150S75-3	13B60003	0.91	3,745
7.50	4	3	6	30	150S75-4	13B60004	0.91	4,086
7.50	6	3	6	31	150S75-4	13BG0004	0.91	4,263
10.00	4	3	6	35	150S100-5	13BG0005	0.91	4,393
10.00	6	3	6	36	150S100-5	13B60005	0.91	4,394

SP 150S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

Continuation

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
15.00	6	3	6	40	150S150-6	13B60006	0.91	4,880
15.00	6	3	6	44	150S150-7	13B60007	0.91	5,250
15.00	6	3	6	53	150S150-8	13B60008	0.91	5,625
20.00	6	3	6	57	150S200-9	13B60009	0.91	6,135
20.00	6	3	6	61	150S200-10	13B60010	0.91	6,409
20.00	6	3	6	65	150S200-11	13B60011	0.91	6,872
25.00	6	3	6	80	150S250-14	13B60014	0.91	8,432
25.00	6	3	6	117	150S250-12	13B60012	0.91	7,276
25.00	6	3	6	121	150S250-13	13B60013	0.91	7,924
30.00	6	3	6	85	150S300-15	13B60015	0.91	8,908
30.00	6	3	6	89	150S300-16	13B60016	0.91	9,477
30.00	6	3	6	157	150S300-17	13B60017	0.91	10,178
40.00	6	3	6	161	150S400-18	13B60018	0.91	10,673
40.00	6	3	6	165	150S400-19	13B60019	0.91	11,030
40.00	6	3	6	172	150S400-20	13B60020	0.91	11,229
40.00	6	3	6	176	150S400-21	13B60021	0.91	11,593
40.00	6	3	6	180	150S400-22	13B60022	0.91	12,378
40.00	6	3	6	185	150S400-23	13B60023	0.91	12,580
50.00	6	3	6	194	150S500-24	13B60024	0.91	12,907
50.00	6	3	6	198	150S500-25	13B60025	0.91	13,471
50.00	6	3	6	203	150S500-26	13B60026	0.91	13,937
50.00	6	3	6	207	150S500-27	13B60027	0.91	14,563
50.00	6	3	6	220	150S500-28	13B60028	0.91	15,125
50.00	8	3	8	234	150S500-24	13BG0024	0.91	12,907
50.00	8	3	8	238	150S500-25	13BG0025	0.91	13,471
50.00	8	3	8	243	150S500-26	13BG0026	0.91	13,937
50.00	8	3	8	256	150S500-27	13BG0027	0.91	14,563
50.00	8	3	8	260	150S500-28	13BG0028	0.91	15,125
60.00	6	3	8	324	150S600-29	13B80029	0.91	15,738
60.00	6	3	8	341	150S600-31	13B80031	0.91	17,041
60.00	6	3	8	353	150S600-33	13B80033	0.91	18,418
60.00	8	3	8	351	150S600-29	13B90029	0.91	15,738
60.00	8	3	8	363	150S600-31	13B90031	0.91	17,041
60.00	8	3	8	398	150S600-33	13B90033	0.91	18,418

6” SP 230S Pumps 230 GPM Selection Guide

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
230S20-1B	4	2	1	230	15B745C1	15B700C1	96449947	98315256
	4	2		230	15B730C1	15B700C1	96465630	-
	4	2	3	460	15B736C1	15B700C1	96465652	-
230S30-1A	4	3	1	230	15B745A1	15B700A1	96449948	98315258
	4	3	3	230	15B730A1	15B700A1	96405801	-
	4	3	3	460	15B736A1	15B700A1	96405810	-
230S50-1	4	5	1	230	15B74501	15B70001	96449949	98315260
	4	5	3	230	15B73001	15B70001	96405802	-
	4	5	3	460	15B73601	15B70001	96405811	-
230S50-2AB	4	5	1	230	99867121	15B700E2	96449949	98315260
	4	5	3	230	15B730E2	15B700E2	96405802	-
	4	5	3	460	15B736E2	15B700E2	96405811	-
230S75-2	4	7-1/2	3	230	15B73002	15B70002	96405805	-
	4	7-1/2	3	460	15B73602	15B70002	96405814	-
	6	7-1/2	3	230	15BH3002	15BH0002	96166181	-
	6	7-1/2	3	460	15BH3602	15BH0002	96166161	-
230S75-3BB	4	7-1/2	3	230	15B730D3	15B700D3	96405805	-
	4	7-1/2	3	460	15B736D3	15B700D3	96405814	-
	6	7-1/2	3	230	15BH30D3	15BH00D3	96166181	-
	6	7-1/2	3	460	15BH36D3	15BH00D3	96166161	-
230S100-3	4	10	3	460	15BH3603	15BH0003	96440318	-
	6	10	3	230	15B73003	15B70003	96166182	-
	6	10	3	460	15B73603	15B70003	96166162	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .91, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .56, 2-Pole.

6” SP 230S Pumps 230 GPM Selection Guide

Continued - control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
230S100-4BC	4	10	3	460	15BH36J4	15BH00J4	96440318
	6	10	3	230	15B730J4	15B700J4	96166182
	6	10	3	460	15B736J4	15B700J4	96166162
230S150-4	6	15	3	230	15B73004	15B70004	96166184
	6	15	3	460	15B73604	15B70004	96166164
230S150-5B	6	15	3	230	15B730C5	15B700C5	96166184
	6	15	3	460	15B736C5	15B700C5	96166164
230S200-5	6	20	3	230	15B73005	15B70005	96166186
	6	20	3	460	15B73605	15B70005	96166166
230S200-6	6	20	3	230	15B73006	15B70006	96166186
	6	20	3	460	15B73606	15B70006	96166166
230S200-7C	6	20	3	230	15B730F7	15B700F7	96166186
	6	20	3	460	15B736F7	15B700F7	96166166
230S250-7	6	25	3	230	15B73007	15B70007	96166187
	6	25	3	460	15B73607	15B70007	96166167
230S250-8B	6	25	3	230	15B730C8	15B700C8	96166187
	6	25	3	460	15B736C8	15B700C8	96166167
230S250-8	6	25	3	230	15B73008	15B70008	96166187
	6	25	3	460	15B73608	15B70008	96166167

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .91, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .56, 2-Pole

6” SP 230S Pumps 230 GPM Selection Guide

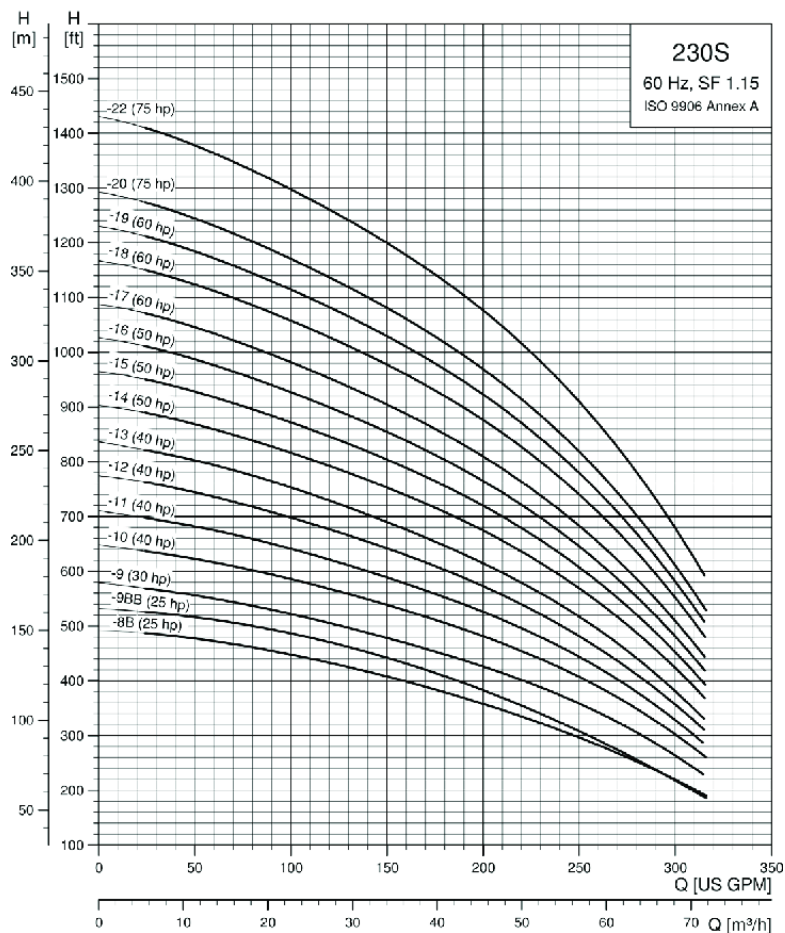
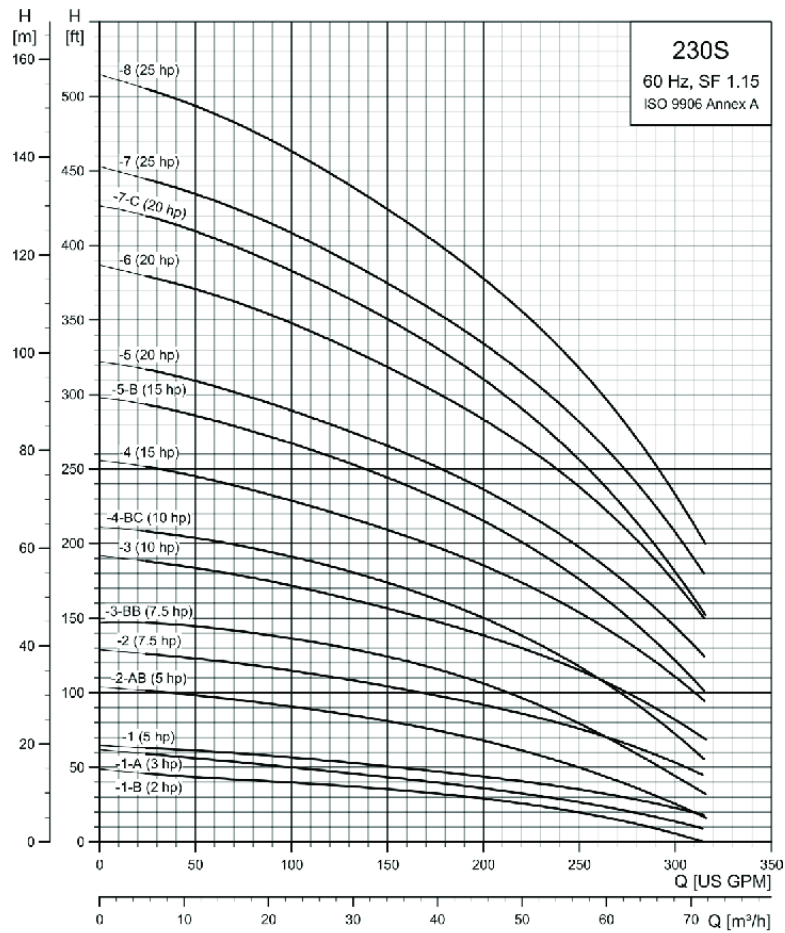
Continued - control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
230S250-9BB	6	25	3	230	15B730D9	15B700D9	96166187
	6	25	3	460	15B736D9	15B700D9	96166167
230S300-9	6	30	3	230	15B73009	15B70009	96166188
	6	30	3	460	15B73609	15B70009	96166168
230S400-10	6	40	3	460	15B73610	15B70010	96166170
230S400-11	6	40	3	460	15B73611	15B70011	96166170
230S400-12	6	40	3	460	15B73612	15B70012	96166170
230S400-13	6	40	3	460	15B73613	15B70013	96166170
230S500-14	6	50	3	460	-	15B70014	99600226
230S500-15	6	50	3	460	-	15B70015	99600226
230S500-16	6	50	3	460	-	15B70016	99600226
230S600-17	6	60	3	460	-	15BH0017	99673485
	8	60	3	460	-	15B70017	99973363
230S600-18	6	60	3	460	-	15BH0018	99673485
	8	60	3	460	-	15B70018	99973363
230S600-19	6	60	3	460	-	15BH0019	99673485
	8	60	3	460	-	15B70019	99973363
230S750-20	8	75	3	460	-	15B80020	99973364
230S750-22	8	75	3	460	-	15B80022	99973364

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .91, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .56, 2-Pole

SP 6"-10" SUBMERSIBLE PUMPS



SP 230S: 6" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,380 Ft. of Head (420 m) or up to 300 GPM (68.1 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

DOE PEI : Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .54, 2-Pole.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W							
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
1 x 230V							
4	2.00	59	230S20-1-B	15B745C1	0.92	4,091	
4	3.00	68	230S30-1-A	15B745A1	0.92	4,834	
4	5.00	54	230S50-2-AB	99867121	0.92	5,845	
4	5.00	83	230S50-1	15B74501	0.92	O.R.	
3 x 230V							
4	2.00	44	230S20-1-B	15B730C1	0.92	3,922	
3 x 460V							
4	2.00	44	230S20-1-B	15B736C1	0.92	3,922	
3 x 208-230V							
4	3.00	55	230S30-1-A	15B730A1	0.92	4,426	
4	5.00	68	230S50-1	15B73001	0.92	5,485	
4	5.00	78	230S50-2-AB	15B730E2	0.92	5,570	
4	7.50	89	230S75-2	15B73002	0.92	6,376	
4	7.50	94	230S75-3-BB	15B730D3	0.92	6,649	
3 x 440-460V							
4	3.00	55	230S30-1-A	15B736A1	0.92	4,426	
4	5.00	68	230S50-1	15B73601	0.92	5,485	
4	5.00	78	230S50-2-AB	15B736E2	0.92	5,570	
4	7.50	89	230S75-2	15B73602	0.92	6,376	
4	7.50	94	230S75-3-BB	15B736D3	0.92	6,649	
4	10.00	103	230S100-3	15BH3603	0.92	8,321	
4	10.00	155	230S100-4-BC	15BH36J4	0.92	8,839	
3 x 208-220-230V							
6	7.50	159	230S75-2	15BH3002	0.92	6,561	
6	7.50	164	230S75-3-BB	15BH30D3	0.92	6,834	
6	10.00	171	230S100-3	15B73003	0.92	7,302	



SP 230S

SP 6"-10" SUBMERSIBLE PUMPS

Continuation

3W							
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
6	10.00	176	230S100-4-BC	15B730J4	0.92	7,819	
6	15.00	199	230S150-4	15B73004	0.92	8,803	
6	15.00	204	230S150-5-B	15B730C5	0.92	9,197	
6	20.00	220	230S200-5	15B73005	0.92	10,517	
6	20.00	234	230S200-6	15B73006	0.92	11,005	
6	20.00	239	230S200-7-C	15B730F7	0.92	11,625	
6	25.00	249	230S250-7	15B73007	0.92	12,466	
6	25.00	264	230S250-8-B	15B730C8	0.92	12,809	
6	25.00	264	230S250-8	15B73008	0.92	12,809	
6	25.00	269	230S250-9-BB	15B730D9	0.92	13,940	
6	30.00	285	230S300-9	15B73009	0.92	14,911	
3 x 440-460-480V							
6	7.50	159	230S75-2	15BH3602	0.92	6,561	
6	7.50	164	230S75-3-BB	15BH36D3	0.92	6,834	
6	10.00	171	230S100-3	15B73603	0.92	7,302	
6	10.00	176	230S100-4-BC	15B736J4	0.92	7,819	
6	15.00	199	230S150-4	15B73604	0.92	8,803	
6	15.00	204	230S150-5-B	15B736C5	0.92	9,197	
6	20.00	220	230S200-5	15B73605	0.92	10,517	
6	20.00	234	230S200-6	15B73606	0.92	11,005	
6	20.00	239	230S200-7-C	15B736F7	0.92	11,625	
6	25.00	249	230S250-7	15B73607	0.92	12,466	
6	25.00	264	230S250-8-B	15B736C8	0.92	12,809	
6	25.00	264	230S250-8	15B73608	0.92	12,809	
6	25.00	269	230S250-9-BB	15B736D9	0.92	13,940	
6	30.00	285	230S300-9	15B73609	0.92	14,911	
6	40.00	322	230S400-10	15B73610	0.92	18,695	
6	40.00	333	230S400-11	15B73611	0.92	19,301	
6	40.00	338	230S400-12	15B73612	0.92	19,507	
6	40.00	344	230S400-13	15B73613	0.92	20,087	

SP 230S - PUMP END: 6" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,380 Ft. of Head (420 m) or up to 300 GPM (68.1 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

DOE PEI : Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .54, 2-Pole.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
2.00	4	3	6	20	230S20-1-B	15B700C1	0.92	2,776
3.00	4	3	6	20	230S30-1-A	15B700A1	0.92	2,776
5.00	4	3	6	20	230S50-1	15B70001	0.92	2,910
5.00	4	3	6	25	230S50-2-AB	15B700E2	0.92	2,995
7.50	4	3	6	25	230S75-2	15B70002	0.92	3,196
7.50	4	3	6	30	230S75-3-BB	15B700D3	0.92	3,469
7.50	6	3	7	27	230S75-2	15BH0002	0.92	3,196
7.50	6	3	7	32	230S75-3-BB	15BH00D3	0.92	3,469
10.00	4	3	6	30	230S100-3	15BH0003	0.92	3,537
10.00	6	3	7	32	230S100-3	15B70003	0.92	3,538
10.00	6	3	7	38	230S100-4-BC	15B700J4	0.92	4,055
15.00	4	3	6	36	230S100-4-BC	15BH00J4	0.92	4,055
15.00	6	3	7	38	230S150-4	15B70004	0.92	4,485
15.00	6	3	7	43	230S150-5-B	15B700C5	0.92	4,878
20.00	6	3	7	43	230S200-5	15B70005	0.92	5,219
20.00	6	3	7	48	230S200-6	15B70006	0.92	5,706
20.00	6	3	7	58	230S200-7-C	15B700F7	0.92	6,326
25.00	6	3	7	58	230S250-7	15B70007	0.92	6,312
25.00	6	3	7	63	230S250-8-B	15B700C8	0.92	6,655
25.00	6	3	7	63	230S250-8	15B70008	0.92	6,655
25.00	6	3	7	68	230S250-9-BB	15B700D9	0.92	7,786
30.00	6	3	7	68	230S300-9	15B70009	0.92	7,786
40.00	6	3	7	86	230S400-12	15B70012	0.92	10,952
40.00	6	3	7	92	230S400-13	15B70013	0.92	11,532
40.00	6	3	7	121	230S400-10	15B70010	0.92	10,139
40.00	6	3	7	126	230S400-11	15B70011	0.92	10,746
50.00	6	3	7	97	230S500-14	15B70014	0.92	11,956
50.00	6	3	7	166	230S500-15	15B70015	0.92	12,495
50.00	6	3	7	171	230S500-16	15B70016	0.92	13,251
60.00	6	3	7	179	230S600-17	15BH0017	0.92	14,011
60.00	6	3	7	184	230S600-18	15BH0018	0.92	14,344
60.00	6	3	7	189	230S600-19	15BH0019	0.92	15,076
60.00	8	3	8	206	230S600-17	15B70017	0.92	14,011

SP 230S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

Continuation

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
60.00	8	3	8	212	230S600-18	15B70018	0.92	14,344
60.00	8	3	8	217	230S600-19	15B70019	0.92	15,076
75.00	8	4	8	310	230S750-22	15B80022	0.92	17,151
75.00	8	4	8	317	230S750-20	15B80020	0.92	16,014

6" SP 300S Pumps 300 GPM Selection

3 Wire - Control box required for 3-wire single phase motors

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR	CONTROL BOX
					Part Number	Part Number	Part Number	Part Number
300S30-1B	4	3	1	230	14B745C1	14B700C1	96449948	98315258
	4	3	3	230	14B730C1	14B700C1	96405801	-
	4	3	3	460	14B735C1	14B700C1	96405810	-
300S50-1	4	5	1	230	14B74501	14B70001	96449949	98315260
	4	5	3	230	14B73001	14B70001	96405802	-
	4	5	3	460	14B73501	14B70001	96405811	-
300S50-2BB	4	5	1	230	14B745D2	14B700D2	96449949	98315260
	4	5	3	230	14B730D2	14B700D2	96405802	-
	4	5	3	460	14B735D2	14B700D2	96405811	-
300S75-2	4	7-1/2	3	230	14B73002	14B70002	96405805	-
	4	7-1/2	3	460	14B73502	14B70002	96405814	-
	6	7-1/2	3	230	14BH3002	14BH0002	96166181	-
	6	7-1/2	3	460	14BH3502	14BH0002	96166161	-
300S100-3A	4	10	3	460	14BG35A3	14BH00A3	96440318	-
	6	10	3	230	14B730A3	14B700A3	96166182	-
	6	10	3	460	14B735A3	14B700A3	96166162	-
300S150-3	6	15	3	230	14B73003	14B70003	96166184	-
	6	15	3	460	14B73503	14B70003	96166164	-
300S150-4AA	6	15	3	230	14B730B4	14B700B4	96166184	-
	6	15	3	460	14B735B4	14B700B4	96166164	-
300S150-4	6	15	3	230	14B73004	14B70004	96166184	-
	6	15	3	460	14B73504	14B70004	96166164	-

PLEASE NOTE:

- Control box required for 3-wire single phase motors and applications
- 1/2HP, 3/4HP and 1HP control boxes sold in 10-Pack quantities. Order in multiples of 10 quantity
- Complete pump DOES NOT include control box. Control box sold separately
- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .53, 2-Pole

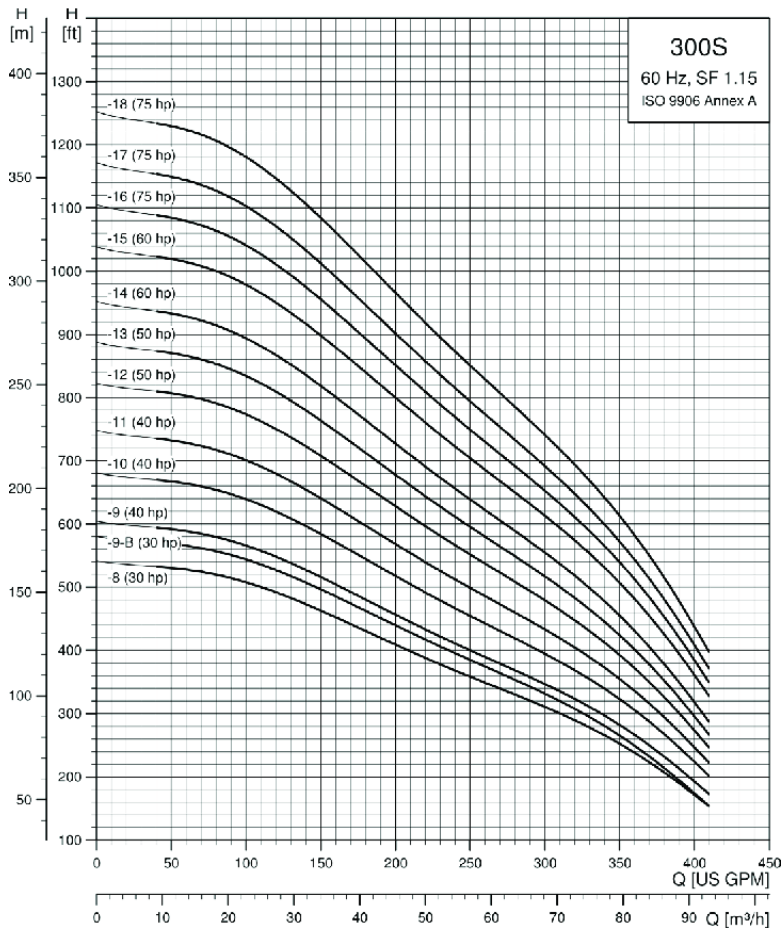
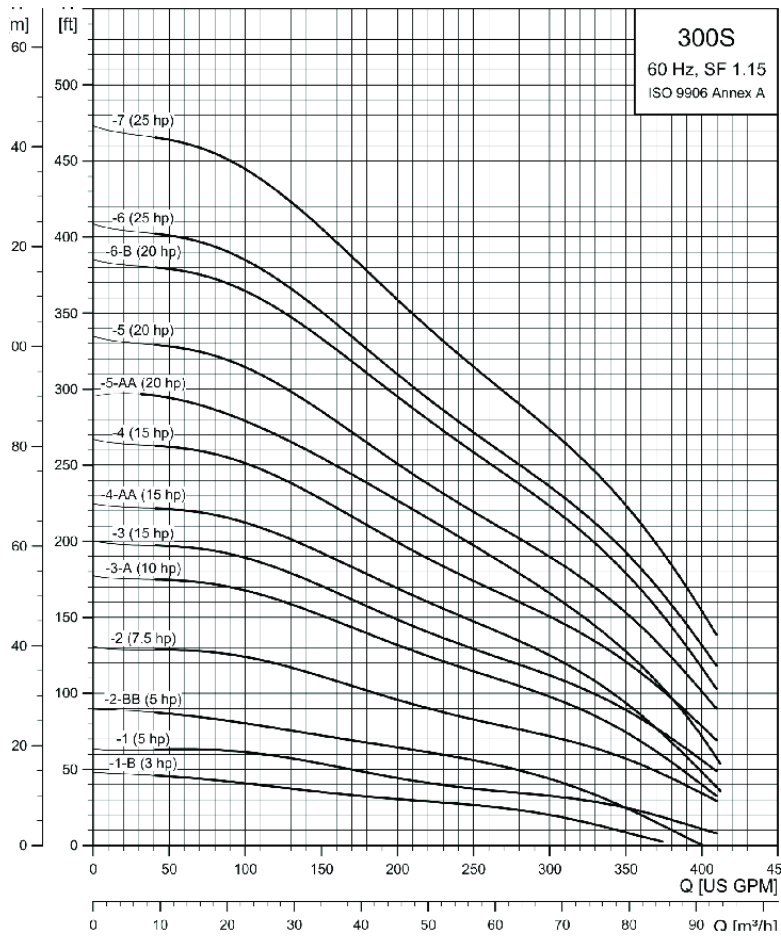
6” SP 300S Pumps 300 GPM Selection Guide

Continued - control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
300S200-5AA	6	20	3	230	14B730B5	14B700B5	96166186
	6	20	3	460	14B735B5	14B700B5	96166166
300S200-5	6	20	3	230	14B73005	14B70005	96166186
	6	20	3	460	14B73505	14B70005	96166166
300S200-6B	6	20	3	230	14B730C6	14B700C6	96166186
	6	20	3	460	14B735C6	14B700C6	96166166
300S250-6	6	25	3	230	14B73006	14B70006	96166187
	6	25	3	460	14B73506	14B70006	96166167
300S250-7AA	6	25	3	230	14B630B7	14B600B7	96166187
	6	25	3	460	14B635B7	14B600B7	96166167
300S300-7	6	30	3	230	14B63007	14B60007	96166188
	6	30	3	460	14B63507	14B60007	96166168
300S300-8	6	30	3	230	14B63008	14B60008	96166188
	6	30	3	460	14B63508	14B60008	96166168
300S300-9B	6	30	3	230	14B630C9	14B600C9	96166188
	6	30	3	460	14B635C9	14B600C9	96166168
300S400-9	6	40	3	460	14B63509	14B60009	96166170
300S400-10	6	40	3	460	14B63510	14B60010	96166170
300S400-11	6	40	3	460	-	14B60011	96166170
300S500-12	6	50	3	460	-	14B60012	99600226
300S500-13	6	50	3	460	-	14B60013	99600226
300S600-14	6	60	3	460	-	14BG0014	99673485
	8	60	3	460	-	14B60014	99973363
300S600-15	6	60	3	460	-	14BG0015	99673485
	8	60	3	460	-	14B60015	99973363
300S750-16	8	75	3	460	-	14B60016	99973364
300S750-17	8	75	3	460	-	14B60017	99973364
300S750-18	8	75	3	460	-	14B60018	99973364

PLEASE NOTE:

- Please use Grundfos EXTRANET to check product lead times
- Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .53, 2-Pole



SP 300S

SP 6"-10" SUBMERSIBLE PUMPS

SP 300S: 6" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,230 Ft. of Head (375 m) or up to 390 GPM (88.6 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 1 x 230 V 60Hz or 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

DOE PEI : Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .53, 2-Pole.

All 3-Wire Single-Phase pumps require a starter box (Control Box). 2-Wire pumps do NOT require a starter box (Control Box).

CSCR/ CSIR: Starter Box (Control Box) proper selection is listed in the Selection Guide on the previous page.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

		3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
1 x 230V							
4	3.00	68	300S30-1-B	14B745C1	0.92	4,281	
4	5.00	83	300S50-1	14B74501	0.92	5,328	
4	5.00	89	300S50-2-BB	14B745D2	0.92	6,095	
3 x 208-230V							
4	3.00	55	300S30-1-B	14B730C1	0.92	3,873	
4	5.00	68	300S50-1	14B73001	0.92	5,053	
4	5.00	78	300S50-2-BB	14B730D2	0.92	5,820	
4	7.50	89	300S75-2	14B73002	0.92	6,424	
3 x 440-460V							
4	3.00	55	300S30-1-B	14B735C1	0.92	3,873	
4	5.00	68	300S50-1	14B73501	0.92	5,053	
4	5.00	78	300S50-2-BB	14B735D2	0.92	5,820	
4	7.50	89	300S75-2	14B73502	0.92	6,424	
4	10.00	103	300S100-3-A	14BG35A3	0.92	8,137	
3 x 208-220-230V							
6	7.50	159	300S75-2	14BH3002	0.92	6,610	
6	10.00	171	300S100-3-A	14B730A3	0.92	7,121	
6	15.00	191	300S150-3	14B73003	0.92	7,677	
6	15.00	199	300S150-4-AA	14B730B4	0.92	8,851	
6	15.00	199	300S150-4	14B73004	0.92	8,851	
6	20.00	220	300S200-5-AA	14B730B5	0.92	10,422	
6	20.00	220	300S200-5	14B73005	0.92	10,422	
6	20.00	234	300S200-6-B	14B730C6	0.92	10,918	
6	25.00	244	300S250-6	14B73006	0.92	12,078	
6	25.00	249	300S250-7-AA	14B630B7	0.92	12,520	
6	30.00	274	300S300-7	14B63007	0.92	14,137	

Continuation

3W							
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
6	30.00	280	300S300-8	14B63008	0.92	14,634	
6	30.00	285	300S300-9-B	14B630C9	0.92	14,731	
3 x 440-460-480V							
6	7.50	159	300S75-2	14BH3502	0.92	6,610	
6	10.00	171	300S100-3-A	14B735A3	0.92	7,121	
6	15.00	191	300S150-3	14B73503	0.92	7,677	
6	15.00	199	300S150-4-AA	14B735B4	0.92	8,851	
6	15.00	199	300S150-4	14B73504	0.92	8,851	
6	20.00	220	300S200-5-AA	14B735B5	0.92	10,422	
6	20.00	220	300S200-5	14B73505	0.92	10,422	
6	20.00	234	300S200-6-B	14B735C6	0.92	10,918	
6	25.00	244	300S250-6	14B73506	0.92	12,078	
6	25.00	249	300S250-7-AA	14B635B7	0.92	12,520	
6	30.00	274	300S300-7	14B63507	0.92	14,137	
6	30.00	280	300S300-8	14B63508	0.92	14,634	
6	30.00	285	300S300-9-B	14B635C9	0.92	14,731	
6	40.00	317	300S400-9	14B63509	0.92	17,140	
6	40.00	322	300S400-10	14B63510	0.92	17,611	

SP 300S - PUMP END: 6" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,230 Ft. of Head (375 m) or up to 390 GPM (88.6 m³/h)

Min Flow Rate : 0.1 x rated flow > 4" motor 1.2 GPM (.27 m³/h) or 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 4" (102 mm) motor or 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

DOE PEI : Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .53, 2-Pole.

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



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MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
3.00	4	3	6	20	300S30-1-B	14B700C1	0.92	2,223
5.00	4	3	6	20	300S50-1	14B70001	0.92	2,478
5.00	4	3	6	25	300S50-2-BB	14B700D2	0.92	3,245
7.50	4	3	6	25	300S75-2	14B70002	0.92	3,245
7.50	6	3	7	27	300S75-2	14BH0002	0.92	3,245
10.00	4	3	6	30	300S100-3-A	14BH00A3	0.92	3,353
10.00	6	3	7	32	300S100-3-A	14B700A3	0.92	3,358
15.00	6	3	7	32	300S150-3	14B70003	0.92	3,358
15.00	6	3	7	38	300S150-4-AA	14B700B4	0.92	4,532

SP 300S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

Continuation

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
15.00	6	3	7	38	300S150-4	14B70004	0.92	4,532
20.00	6	3	7	43	300S200-5-AA	14B700B5	0.92	5,123
20.00	6	3	7	43	300S200-5	14B70005	0.92	5,123
20.00	6	3	7	48	300S200-6-B	14B700C6	0.92	5,620
25.00	6	3	7	48	300S250-6	14B70006	0.92	5,924
25.00	6	4	7	58	300S250-7-AA	14B600B7	0.92	6,365
30.00	6	4	7	58	300S300-7	14B60007	0.92	7,011
30.00	6	4	7	63	300S300-8	14B60008	0.92	7,509
30.00	6	4	7	68	300S300-9-B	14B600C9	0.92	7,606
40.00	6	4	7	68	300S400-9	14B60009	0.92	8,585
40.00	6	4	7	121	300S400-10	14B60010	0.92	9,056
40.00	6	4	7	126	300S400-11	14B60011	0.92	9,509
50.00	6	4	7	86	300S500-12	14B60012	0.92	10,519
50.00	6	4	7	92	300S500-13	14B60013	0.92	11,079
60.00	6	4	7	97	300S600-14	14BG0014	0.92	12,303
60.00	6	4	7	166	300S600-15	14BG0015	0.92	13,628
60.00	8	4	8	181	300S600-14	14B60014	0.92	12,303
60.00	8	4	8	187	300S600-15	14B60015	0.92	13,628
75.00	8	4	8	192	300S750-16	14B60016	0.92	14,056

8" SP 385S Pumps 385 GPM Selection Guide

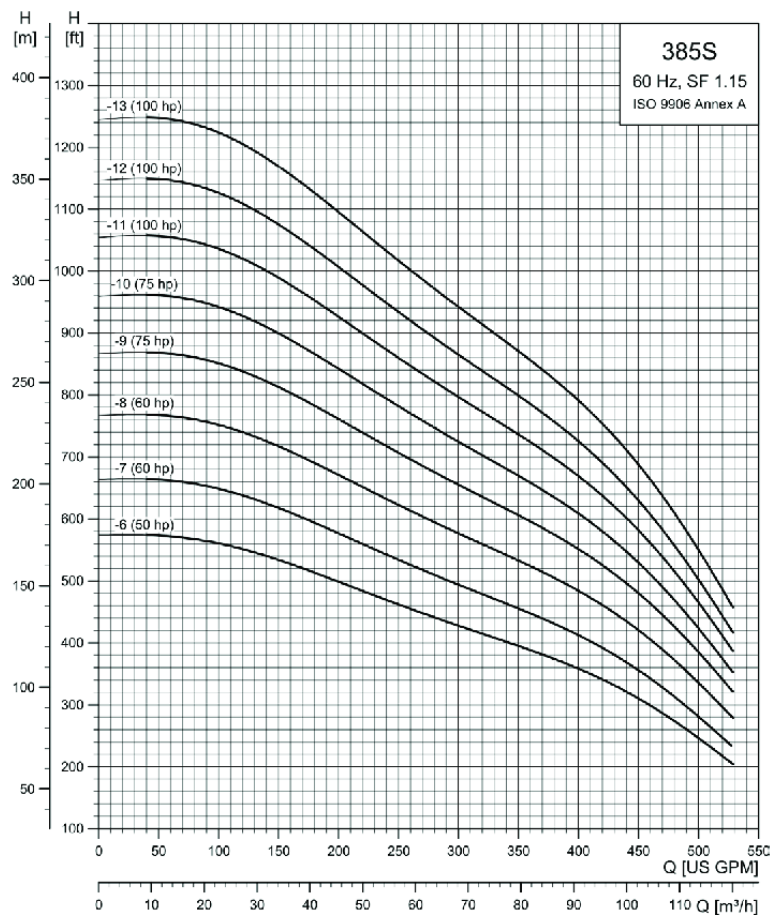
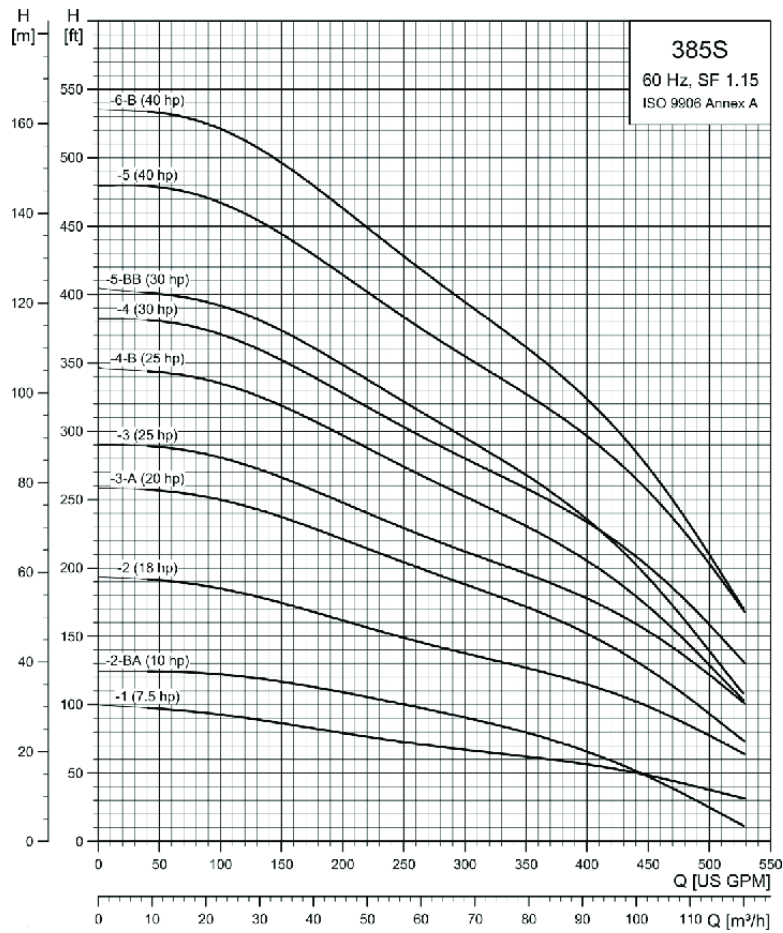
Continued - control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
385S75-1	6	7-1/2	3	230	16B73001	16B70001	96166181
	6	7-1/2	3	460	16B73601	16B70001	96166161
385S100-2BA	6	10	3	230	16B730E2	16B700E2	96166182
	6	10	3	460	16B736E2	16B700E2	96166162
385S150-2	6	15	3	230	16B73002	16B70002	96166184
	6	15	3	460	16B73602	16B70002	96166164
385S200-3A	6	20	3	230	16B730A3	16B700A3	96166186
	6	20	3	460	16B736A3	16B700A3	96166166
385S250-3	6	25	3	230	16B73003	16B70003	96166187
	6	25	3	460	16B73603	16B70003	96166167
385S250-4B	6	25	3	230	16B730C4	16B700C4	96166187
	6	25	3	460	16B736C4	16B700C4	96166167
385S300-4	6	30	3	230	16B73004	16B70004	96166188
	6	30	3	460	16B73604	16B70004	96166168
385S300-5BB	6	30	3	230	16B730D5	16B700D5	96166188
	6	30	3	460	16B736D5	16B700D5	96166168
385S400-5	6	40	3	460	16B73605	16B70005	96166170
385S400-6B	6	40	3	460	16B736C6	16B700C6	96166170
	8	40	3	460	-	16BH00C6	99973360
385S500-6	6	50	3	460	-	16B70006	99600226
	8	50	3	460	-	16BH0006	99973361
385S500-7A	6	50	3	460	-	16B700A7	99600226
	8	50	3	460	-	16BH00A7	99973361
385S500-7	6	50	3	460	-	16BH0007	99600226
	8	50	3	460	-	16B70007	99973361
385S600-8	6	60	3	460	-	16BH0008	99673485
	8	60	3	460	-	16B70008	99973363
385S750-9	8	75	3	460	-	16B70009	99973364
385S750-10	8	75	3	460	-	16B70010	99973364
385S1000-11	8	100	3	460	-	16B70011	99973365
385S1000-12	8	100	3	460	-	16B70012	99973365
385S1000-13	8	100	3	460	-	16B70013	99973365

PLEASE NOTE:

- Please use Grundfos EXTRANET to check product lead times

SP 6"-10" SUBMERSIBLE PUMPS



SP 385S: 8" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,230 Ft. of Head (375 m) or up to 500 GPM (113.6 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

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		3W				
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
3 x 208-220-230V						
6	7.50	192	385S75-1	16B73001	6,291	
6	10.00	212	385S100-2-AB	16B730E2	7,144	
6	15.00	231	385S150-2	16B73002	8,545	
6	20.00	265	385S200-3-A	16B730A3	10,459	
6	25.00	275	385S250-3	16B73003	11,826	
6	25.00	294	385S250-4-B	16B730C4	12,142	
6	30.00	309	385S300-4	16B73004	13,970	
6	30.00	318	385S300-5-BB	16B730D5	14,672	
3 x 440-460-480V						
6	7.50	192	385S75-1	16B73601	6,291	
6	10.00	212	385S100-2-AB	16B736E2	7,144	
6	15.00	231	385S150-2	16B73602	8,545	
6	20.00	265	385S200-3-A	16B736A3	10,459	
6	25.00	275	385S250-3	16B73603	11,826	
6	25.00	294	385S250-4-B	16B736C4	12,142	
6	30.00	309	385S300-4	16B73604	13,970	
6	30.00	318	385S300-5-BB	16B736D5	14,672	
6	40.00	351	385S400-5	16B73605	16,433	
6	40.00	360	385S400-6-B	16B736C6	16,941	

SP 385S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

SP 385S - PUMP END: 8" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

Pump end only – motors available separately.

Liquid temperature: 35° F to 140° F (2°C to +40°C) when flow past the motor > 0.5 ft/sec (0.15 m/sec)

Sand Handling: 3.5 ounces/35.3 cubic feet (100 grams/cubic meter)

Max Flow Rate: 1.3 x rated flow

Min Flow Rate: 0.1 x rated flow > 0.5 ft/sec (0.15 m/sec) (past the motor)

Mains Supply To Pump: 1 x 230V & 3 x 208-230V or 3 x 440-460V & - 10%/+ 6%, 50 Hz

Complete Pump Material: Stainless Steel AISI 304

Minimum Borehole Diameter: MS402 & MS4000 min. 5.5" (140 mm) / MS6000 min. 6" (145 mm)

Installation Submergence: MS402 & Ultra max. 492 (150m) / MS4000 & MS6000 max. 1,968 (600m)

All Single-Phase 3-Wire motors require a starter box (Control Box) (CSIR, CSCR)



MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
7.50	6	4	8	100	385S75-1	16B70001	2,926
10.00	6	4	8	109	385S100-2-AB	16B700E2	3,380
15.00	6	4	8	109	385S150-2	16B70002	4,226
20.00	6	4	8	119	385S200-3-A	16B700A3	5,160
25.00	6	4	8	119	385S250-3	16B70003	5,672
25.00	6	4	8	136	385S250-4-B	16B700C4	5,987
30.00	6	4	8	136	385S300-4	16B70004	6,844
30.00	6	4	8	146	385S300-5-BB	16B700D5	7,547
40.00	6	4	8	146	385S400-5	16B70005	7,877
40.00	6	4	8	155	385S400-6-B	16B700C6	8,386
40.00	8	4	9	175	385S400-6-B	16BH00C6	8,386
50.00	6	4	8	155	385S500-6	16B70006	9,257
50.00	6	4	8	167	385S500-7	16BH0007	9,804
50.00	6	4	8	167	385S500-7-A	16B700A7	9,571
50.00	8	4	9	175	385S500-6	16BH0006	9,257
50.00	8	4	9	193	385S500-7-A	16BH00A7	9,571
50.00	8	4	9	193	385S500-7	16B70007	9,804
60.00	6	4	8	186	385S600-8	16BH0008	10,291
60.00	8	4	9	202	385S600-8	16B70008	10,291
75.00	8	4	9	211	385S750-9	16B70009	11,108
75.00	8	4	9	239	385S750-10	16B70010	13,866
100.00	8	4	9	248	385S1000-11	16B70011	15,173
100.00	8	4	9	258	385S1000-12	16B70012	16,685
100.00	8	4	9	276	385S1000-13	16B70013	19,507

8” SP 475S Pumps 475 GPM Selection Guide

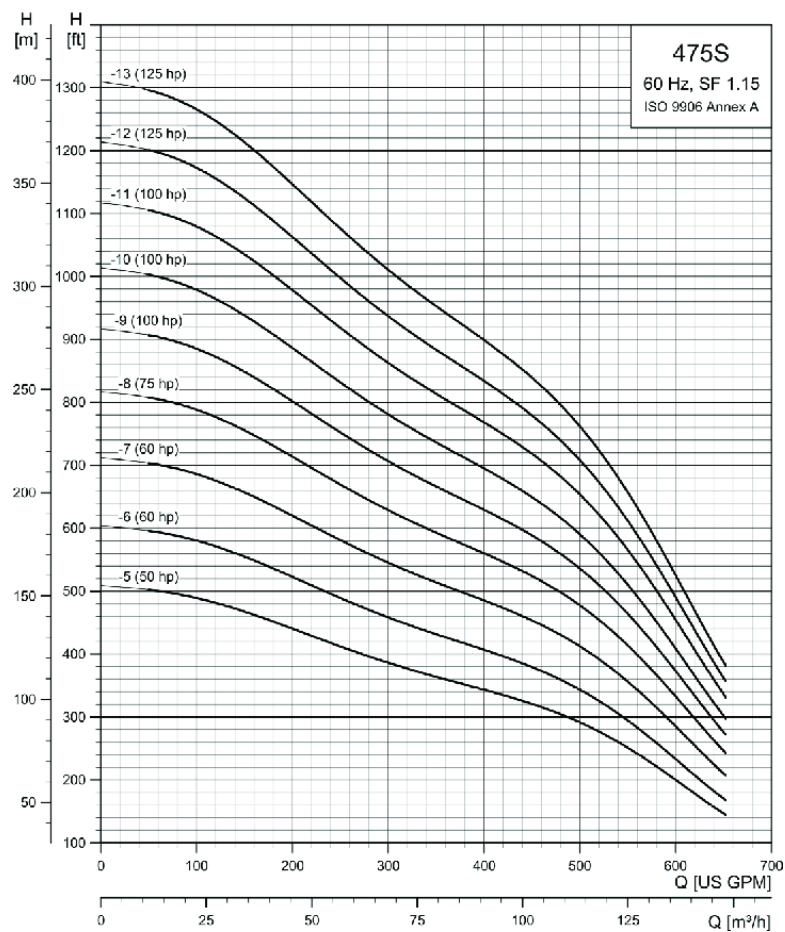
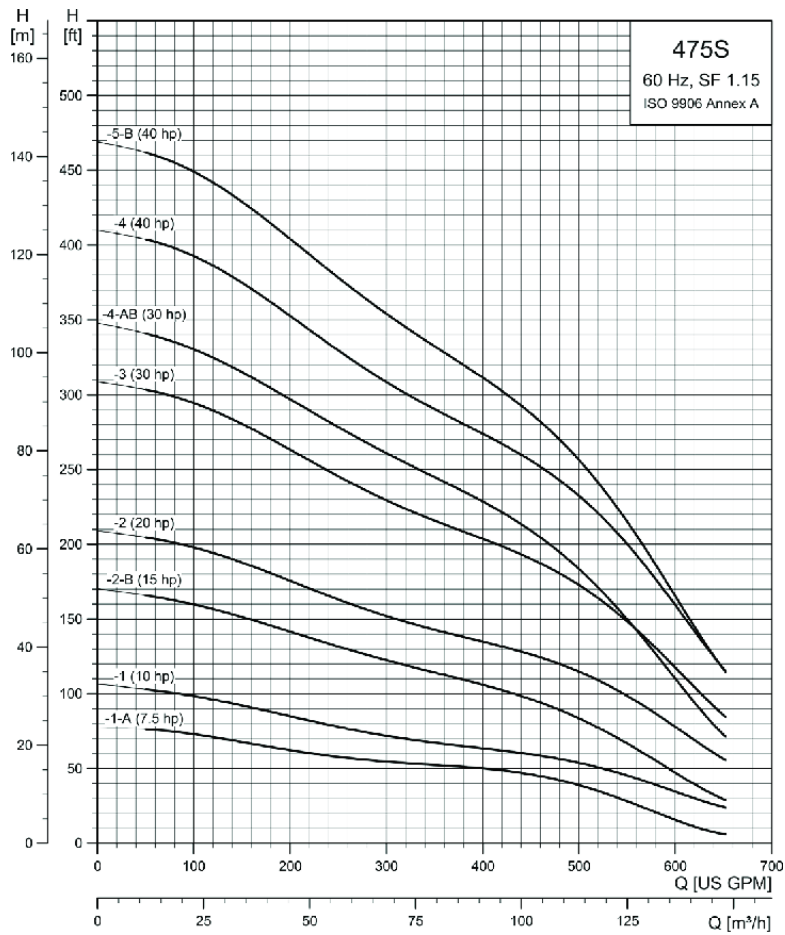
Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
475S75-1A	6	7-1/2	3	230	192530A1	192500A1	96166181
	6	7-1/2	3	460	192535A1	192500A1	96166161
475S100-1	6	10	3	230	19253001	19250001	96166182
	6	10	3	460	19253501	19250001	96166162
475S150-2B	6	15	3	230	192530C2	192500C2	96166184
	6	15	3	460	192535C2	192500C2	96166164
475S200-2	6	20	3	230	19253002	19250002	96166186
	6	20	3	460	19253502	19250002	96166166
475S250-3A	6	25	3	230	192530A3	192500A3	96166187
	6	25	3	460	192535A3	192500A3	96166167
475S300-3	6	30	3	230	19253003	19250003	96166188
	6	30	3	460	19253503	19250003	96166168
475S300-4AB	6	30	3	230	192530E4	192500E4	96166188
	6	30	3	460	192535E4	192500E4	96166168
475S400-4	6	40	3	460	19253504	19250004	96166170
	8	40	3	460	-	19340004	99973360
475S400-5B	6	40	3	460	192535C5	192500C5	96166170
	8	40	3	460	-	193400C5	99973360
475S500-5	6	50	3	460	-	19250005	99600226
	8	50	3	460	-	19340005	99973361
475S500-6A	6	50	3	460	-	192500A6	99600226
	8	50	3	460	-	193400A6	99973361
475S600-6	6	60	3	460	-	19340006	99673485
	8	60	3	460	-	19250006	99973363
475S600-7	6	60	3	460	-	19340007	99673485
	8	60	3	460	-	19250007	99973363
475S750-8	8	75	3	460	-	19250008	99973364
475S1000-9	8	100	3	460	-	19250009	99973365
475S1000-10	8	100	3	460	-	19250010	99973365
475S1000-11	8	100	3	460	-	19250011	99973365
475S1250-12	8	125	3	460	-	19250012	99973366
475S1250-13	8	125	3	460	-	19250013	99973366

PLEASE NOTE:

- Please use Grundfos EXTRANET to check product lead times

SP 6"-10" SUBMERSIBLE PUMPS



SP 475S: 8" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,280 Ft. of Head (390 m) or up to 600 GPM (136.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

11

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
3 x 208-220-230V						
6	7.50	194	475S75-1-A	192530A1	6,100	
6	10.00	201	475S100-1	19253001	7,316	
6	15.00	233	475S150-2-B	192530C2	8,350	
6	20.00	257	475S200-2	19253002	10,973	
6	25.00	276	475S250-3-A	192530A3	12,332	
6	30.00	292	475S300-3	19253003	13,620	
3 x 440-460-480V						
6	7.50	194	475S75-1-A	192535A1	6,100	
6	10.00	201	475S100-1	19253501	7,316	
6	15.00	233	475S150-2-B	192535C2	8,350	
6	20.00	257	475S200-2	19253502	10,973	
6	25.00	276	475S250-3-A	192535A3	12,332	
6	30.00	292	475S300-3	19253503	13,620	
6	40.00	340	475S400-4	19253504	15,674	
6	40.00	352	475S400-5-B	192535C5	16,260	

SP 475S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

SP 475S - PUMP END: 8" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

Pump end only – motors available separately.

Liquid temperature: 35° F to 140° F (2°C to +40°C) when flow past the motor > 0.5 ft/sec (0.15 m/sec)

Sand Handling: 3.5 ounces/35.3 cubic feet (100 grams/cubic meter)

Max Flow Rate: 1.3 x rated flow

Min Flow Rate: 0.1 x rated flow > 0.5 ft/sec (0.15 m/sec) (past the motor)

Mains Supply To Pump: 1 x 230V & 3 x 208-230V or 3 x 440-460V & - 10%/+ 6%, 50 Hz

Complete Pump Material: Stainless Steel AISI 304

Minimum Borehole Diameter: MS402 & MS4000 min. 5.5" (140 mm) / MS6000 min. 6" (145 mm)

Installation Submergence: MS402 & Ultra max. 492 (150m) / MS4000 & MS6000 max. 1,968 (600m)

All Single-Phase 3-Wire motors require a starter box (Control Box) (CSIR, CSCR)



MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
7.50	6	6	8	102	475S75-1-A	192500A1	2,735
10.00	6	6	8	102	475S100-1	19250001	3,552
15.00	6	6	8	111	475S150-2-B	192500C2	4,031
20.00	6	6	8	111	475S200-2	19250002	5,674
25.00	6	6	8	129	475S250-3-A	192500A3	6,178
30.00	6	6	8	129	475S300-3	19250003	6,494
40.00	6	6	8	138	475S400-4	19250004	7,118
40.00	6	6	8	147	475S400-5-B	192500C5	7,704
40.00	8	6	9	158	475S400-4	19340004	7,118
40.00	8	6	9	167	475S400-5-B	193400C5	7,704
50.00	6	6	8	147	475S500-5	19250005	7,955
50.00	6	6	8	160	475S500-6-A	192500A6	9,368
50.00	8	6	9	167	475S500-5	19340005	7,955
50.00	8	6	9	185	475S500-6-A	193400A6	9,368
60.00	6	6	8	160	475S600-6	19340006	9,625
60.00	6	6	8	169	475S600-7	19340007	10,897
60.00	8	6	9	185	475S600-6	19250006	9,625
60.00	8	6	9	194	475S600-7	19250007	10,899
75.00	8	6	9	203	475S750-8	19250008	11,112
100.00	8	6	9	231	475S1000-9	19250009	13,225
100.00	8	6	9	241	475S1000-10	19250010	14,001
100.00	8	6	9	250	475S1000-11	19250011	14,657
125.00	8	6	9	288	475S1250-12	19250012	15,315
125.00	8	6	9	335	475S1250-13	19250013	19,005

10” SP 625S Pumps 625 GPM Selection Guide

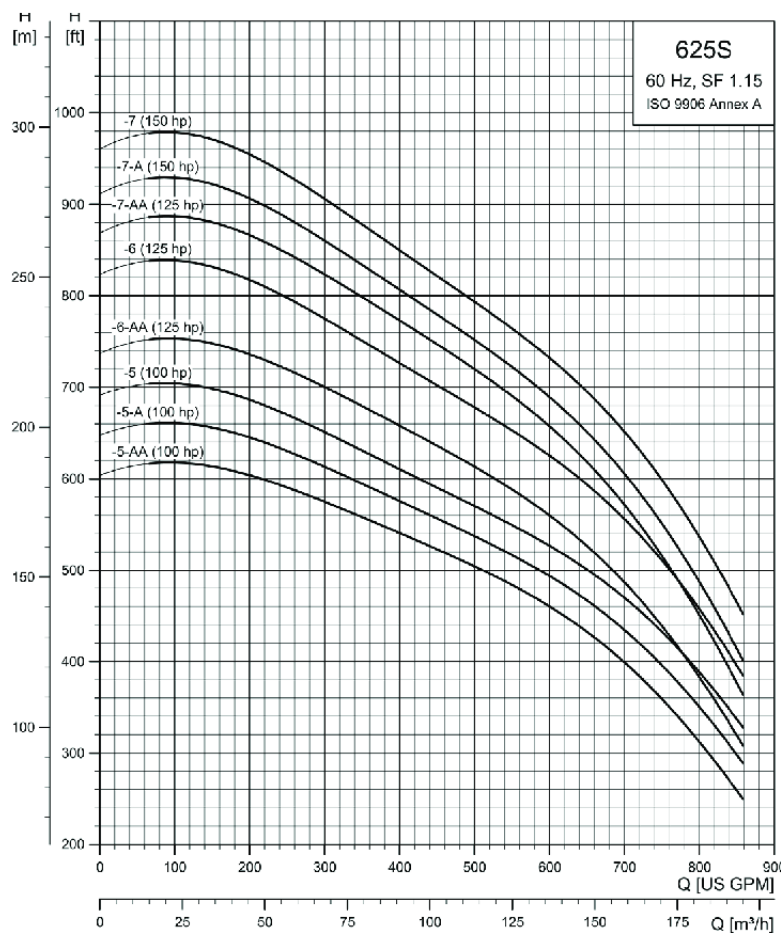
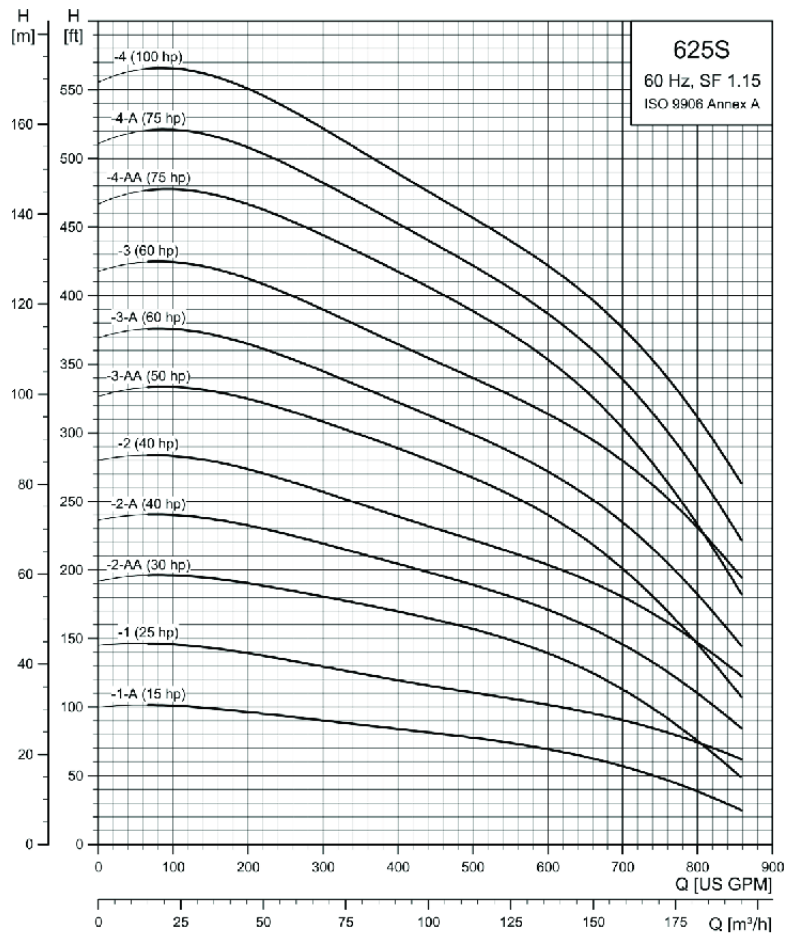
Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
625S150-1A	6	15	3	230	17BG30A1	17BG00A1	96166184
	6	15	3	460	17BG35A1	17BG00A1	96166164
625S250-1	6	25	3	230	17BG3001	17BG0001	96166187
	6	25	3	460	17BG3501	17BG0001	96166167
625S300-2AA	6	30	3	230	17BG30B2	17BG00B2	96166188
	6	30	3	460	17BG35B2	17BG00B2	96166168
625S400-2A	6	40	3	460	17BG35A2	17BG00A2	96166170
625S400-2	6	40	3	460	17BG3502	17BG0002	96166170
	8	40	3	460	-	17BH0002	99973360
625S500-3AA	6	50	3	460	-	17BH00B3	99600226
	8	50	3	460	-	17BG00B3	99973361
625S600-3A	6	60	3	460	-	17BH00A3	99673485
	8	60	3	460	-	17BG00A3	99973363
625S600-3	6	60	3	460	-	17BH0003	99673485
	8	60	3	460	-	17BG0003	99973363
625S750-4AA	8	75	3	460	-	17BG00B4	99973364
625S750-4A	8	75	3	460	-	17BG00A4	99973364
625S1000-4	8	100	3	460	-	17BG0004	99973365
625S1000-5AA	8	100	3	460	-	17BG00B5	99973365
625S1000-5A	8	100	3	460	-	17BG00A5	99973365
625S1000-5	8	100	3	460	-	17BG0005	99973365
625S1250-6AA	8	125	3	460	-	17BG00B6	99973366
625S1250-6	8	125	3	460	-	17BG0006	99973366
625S1250-7AA	8	125	3	460	-	17BG00B7	99973366
625S1500-7A	8	150	3	460	-	17BG00A7	99973367
625S1500-7	8	150	3	460	-	17BG0007	99973367

PLEASE NOTE:

- Please use Grundfos EXTRANET to check product lead times

SP 6"-10" SUBMERSIBLE PUMPS



SP 625S: 10" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 980 Ft. of Head (299 m) or up to 800 GPM (181.7 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 10' (3 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.

MPG WG

11

		3W				
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
3 x 208-220-230V						
6	15.00	236	625S150-1-A	17BG30A1	7,600	
6	25.00	265	625S250-1	17BG3001	11,520	
6	30.00	303	625S300-2-AA	17BG30B2	13,423	
3 x 440-460-480V						
6	15.00	236	625S150-1-A	17BG35A1	7,600	
6	25.00	265	625S250-1	17BG3501	11,520	
6	30.00	303	625S300-2-AA	17BG35B2	13,423	
6	40.00	332	625S400-2-A	17BG35A2	15,602	
6	40.00	332	625S400-2	17BG3502	15,928	

SP 625S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

SP 625S - PUMP END: 10" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 980 Ft. of Head (299 m) or up to 800 GPM (181.7 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 10' (3 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.



MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
15.00	6	6	9	133	625S150-1-A	17BG00A1	3,282
25.00	6	6	9	133	625S250-1	17BG0001	5,365
30.00	6	6	9	146	625S300-2-AA	17BG00B2	6,297
40.00	6	6	9	146	625S400-2-A	17BG00A2	7,047
40.00	6	6	9	146	625S400-2	17BG0002	7,373
40.00	8	6	9	155	625S400-2	17BH0002	7,373
50.00	6	6	9	160	625S500-3-AA	17BH00B3	7,592
50.00	8	6	9	168	625S500-3-AA	17BG00B3	7,591
60.00	6	6	9	160	625S600-3-A	17BH00A3	8,476
60.00	6	6	9	160	625S600-3	17BH0003	8,754
60.00	8	6	9	168	625S600-3-A	17BG00A3	8,476
60.00	8	6	9	168	625S600-3	17BG0003	8,754
75.00	8	6	9	181	625S750-4-AA	17BG00B4	9,302
75.00	8	6	9	181	625S750-4-A	17BG00A4	9,599
100.00	8	6	9	181	625S1000-4	17BG0004	10,738
100.00	8	6	9	194	625S1000-5-AA	17BG00B5	11,805
100.00	8	6	9	194	625S1000-5-A	17BG00A5	12,285
100.00	8	6	9	194	625S1000-5	17BG0005	12,490
125.00	8	6	9	216	625S1250-6-AA	17BG00B6	13,001
125.00	8	6	9	216	625S1250-6-A	17BG00A6	13,859
125.00	8	6	9	216	625S1250-6	17BG0006	17,327
125.00	8	6	9	229	625S1250-7-AA	17BG00B7	14,754
150.00	8	6	9	229	625S1500-7-A	17BG00A7	15,769
150.00	8	6	9	229	625S1500-7	17BG0007	15,769

10" SP 800S Pumps 800 GPM Selection Guide

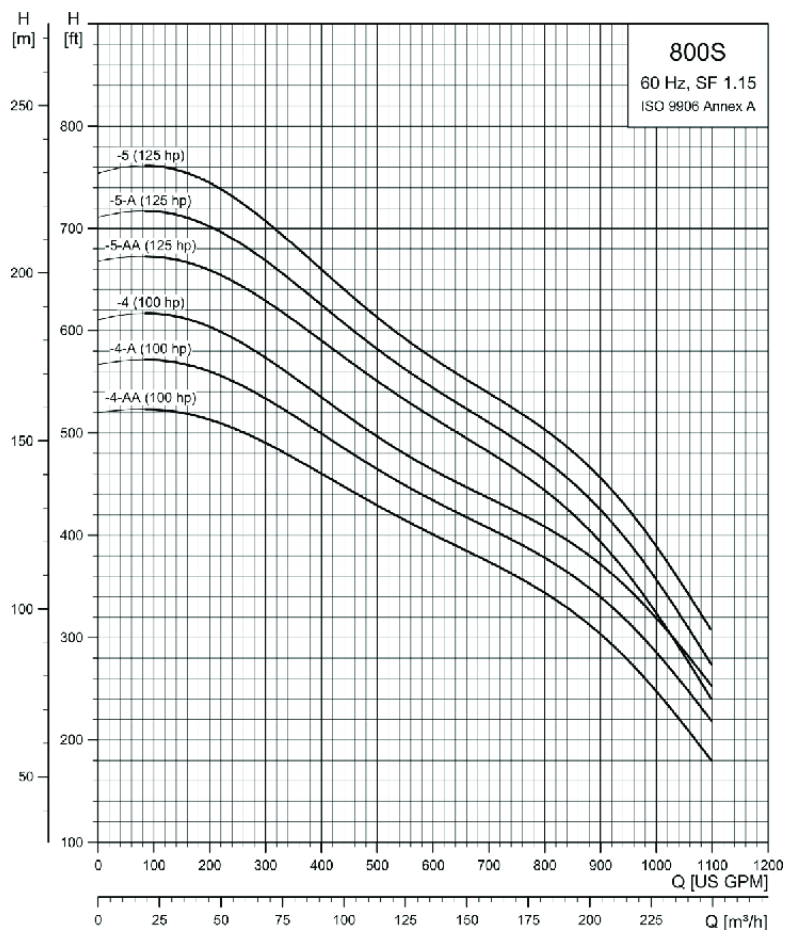
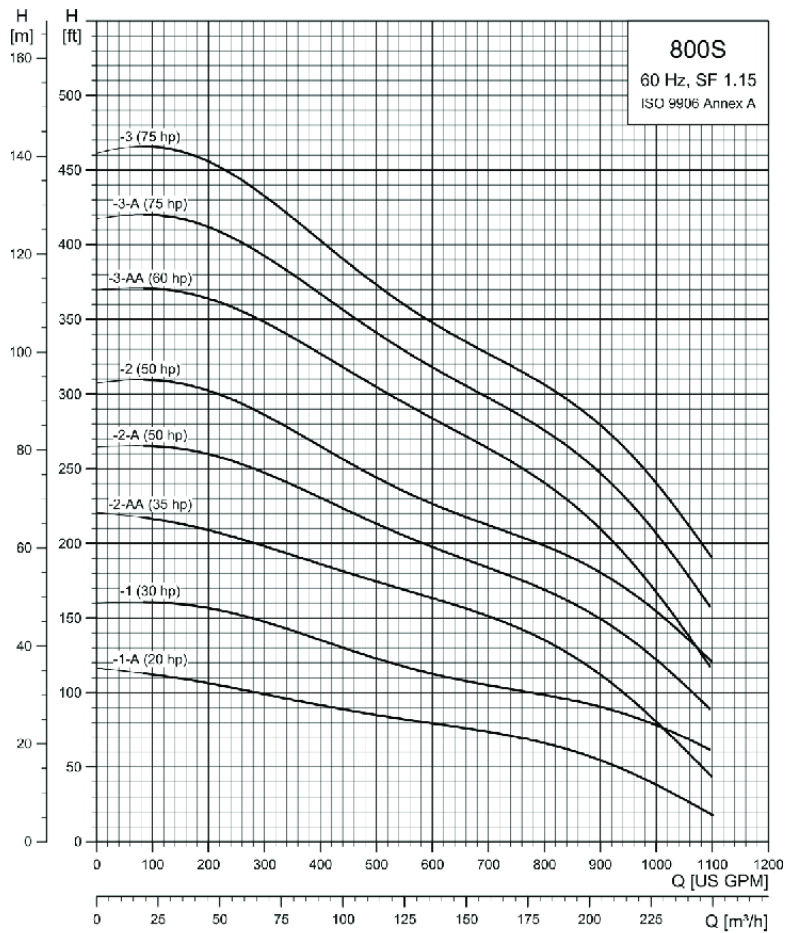
Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
800S200-1A	6	20	3	230	202530A1	202500A1	96166186
	6	20	3	460	202535A1	202500A1	96166166
800S300-1	6	30	3	230	20253001	20250001	96166188
	6	30	3	460	20253501	20250001	96166168
800S400-2AA	6	40	3	460	203435B2	203400B2	96166170
	8	40	3	460	-	202500B2	99973360
800S500-2A	6	50	3	460	-	203400A2	99600226
	8	50	3	460	-	202500A2	99973361
800S500-2	6	50	3	460	-	20340002	99600226
	8	50	3	460	-	20250002	99973361
800S600-3AA	6	60	3	460	-	203400B3	99673485
	8	60	3	460	-	202500B3	99973363
800S750-3A	8	75	3	460	-	202500A3	99973364
800S750-3	8	75	3	460	-	20250003	99973364
800S1000-4AA	8	100	3	460	-	202500B4	99973365
800S1000-4A	8	100	3	460	-	202500A4	99973365
800S1000-4	8	100	3	460	-	20250004	99973365
800S1250-5AA	8	125	3	460	-	202500B5	99973366
800S1250-5A	8	125	3	460	-	202500A5	99973366
800S1250-5	8	125	3	460	-	20250005	99973366

PLEASE NOTE:

- Please use Grundfos EXTRANET to check product lead times

SP 6"-10" SUBMERSIBLE PUMPS



SP 800S: 10" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 760 Ft. of Head (231 m) or up to 1080 GPM (1245.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Main Power Supply To Pump : 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 25' (7.6 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.

MPG WG

11

		3W				
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
3 x 208-220-230V						
6	20.00	255	800S200-1-A	202530A1	9,447	
6	30.00	281	800S300-1	20253001	12,207	
3 x 440-460-480V						
6	20.00	255	800S200-1-A	202535A1	9,447	
6	30.00	281	800S300-1	20253501	12,207	
6	40.00	332	800S400-2-AA	203435B2	14,255	

SP 800S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

SP 800S - PUMP END: 10" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 760 Ft. of Head (231 m) or up to 1080 GPM (1245.3 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) past the motor

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor

Minimum Installation Submergence : 25' (7.6 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.



MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
20.00	6	6	9	133	800S200-1-A	202500A1	4,149
30.00	6	6	9	133	800S300-1	20250001	5,081
40.00	6	6	9	146	800S400-2-AA	203400B2	5,700
40.00	8	6	9	155	800S400-2-AA	202500B2	5,700
50.00	6	6	9	146	800S500-2-A	203400A2	6,622
50.00	6	6	9	146	800S500-2	20340002	6,983
50.00	8	6	9	155	800S500-2-A	202500A2	6,622
50.00	8	6	9	155	800S500-2	20250002	6,983
60.00	6	6	9	160	800S600-3-AA	203400B3	7,505
60.00	8	6	9	168	800S600-3-AA	202500B3	7,505
75.00	8	6	9	168	800S750-3-A	202500A3	8,663
75.00	8	6	9	168	800S750-3	20250003	8,663
100.00	8	6	9	181	800S1000-4-A	202500A4	10,319
100.00	8	6	9	181	800S1000-4-AA	202500B4	10,319
100.00	8	6	9	181	800S1000-4	20250004	10,319
125.00	8	6	9	194	800S1250-5-AA	202500B5	10,716
125.00	8	6	9	194	800S1250-5-A	202500A5	10,717
125.00	8	6	9	194	800S1250-5	20250005	10,715

10” SP 1100S Pumps 1100 GPM Selection Guide

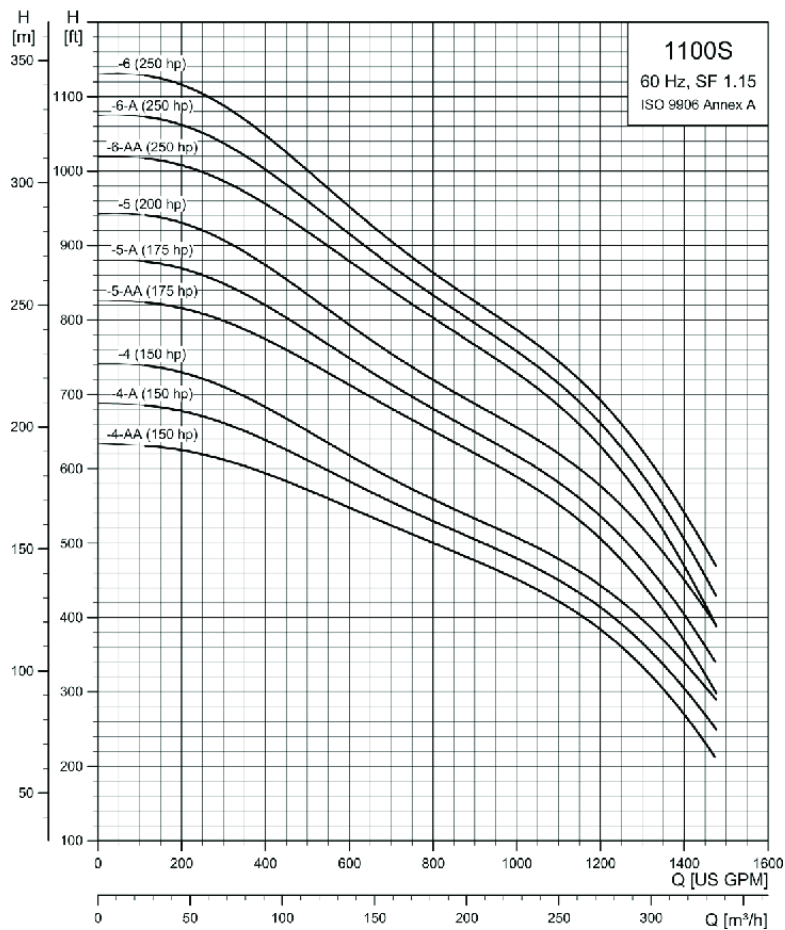
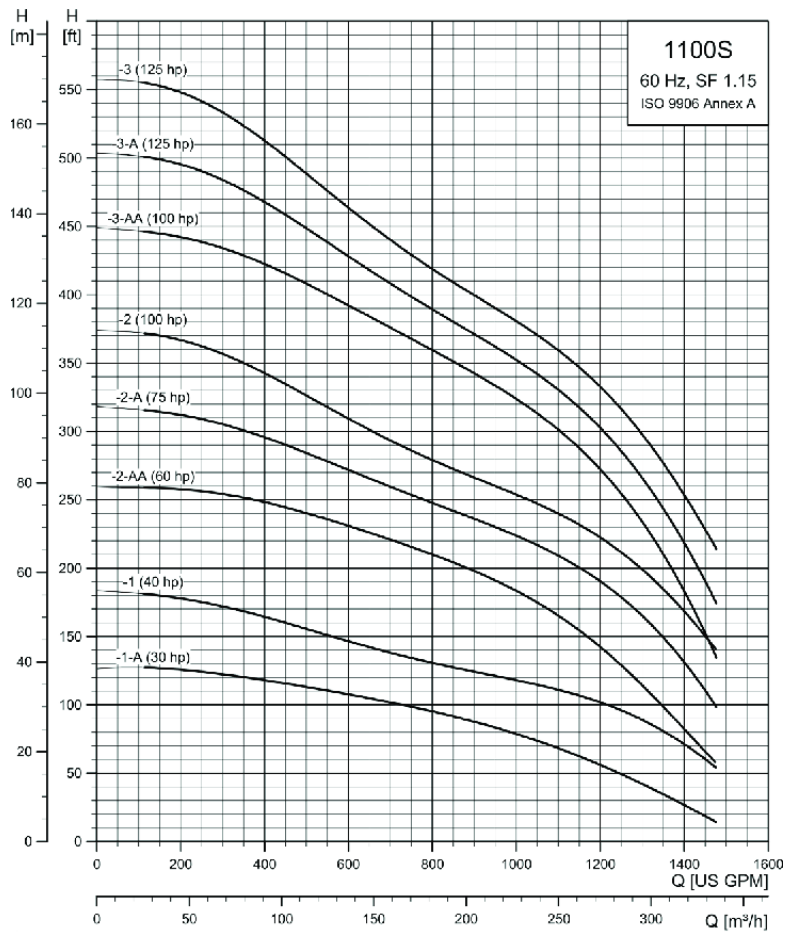
Control box not required

Model	Motor Diameter (in)	HP	PH	Volts	COMPLETE PUMP	PUMP END	MOTOR
					Part Number	Part Number	Part Number
1100S300-1A	6	30	3	230	18BG30A1	18BG00A1	96166188
	6	30	3	460	18BG36A1	18BG00A1	96166168
1100S400-1	6	40	3	460	18BG3601	18BG0001	96166170
	8	40	3	460	-	18BH0001	99973360
1100S600-2AA	6	60	3	460	-	18BH00B2	99673485
	8	60	3	460	18BG96B2	18BG00B2	99973363
1100S750-2A	8	75	3	460	18BG96A2	18BG00A2	99973364
1100S1000-2	8	100	3	460	18BG9602	18BG0002	99973365
1100S1000-3AA	8	100	3	460	18BG96B3	18BG00B3	99973365
1100S1250-3A	8	125	3	460	18BG96A3	18BG00A3	99973366
1100S1250-3	8	125	3	460	18BG9603	18BG0003	99973366
1100S1500-4AA	8	150	3	460	18BG96B4	18BG00B4	99973367
1100S1500-4A	8	150	3	460	18BG96A4	18BG00A4	99973367
1100S1500-4	8	150	3	460	18BG9604	18BG0004	99973367
1100S1750-5AA	8	175	3	460	-	18BG00B5	-
	10	175	3	460	-	18BV00B5	96937300
1100S2000-5A	8	200	3	460	-	18BG00A5	-
	10	200	3	460	-	18BV00A5	96937302
1100S2000-5	8	200	3	460	-	18BG0005	-
	10	200	3	460	18BV9605	18BV0005	96937302
1100S2500-6AA	10	250	3	460	18BV96B6	18BV00B6	95927316
1100S2500-6A	10	250	3	460	18BV96A6	18BV00A6	95927316
1100S2500-6	10	250	3	460	18BV9606	18BV0006	95927316

PLEASE NOTE:

- Please use Grundfos EXTRANET to check product lead times

SP 6"-10" SUBMERSIBLE PUMPS



SP 1100S: 10" SUBMERSIBLE PUMP IN STAINLESS STEEL AISI 304

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve
- Additional motor protection is available through the MP204 motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,230 Ft. of Head (341 m) or up to 1400 GPM (318.0 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) or 10" motor 175 HP and 200 HP 55 GPM (12.5 m³/h) or 250 HP 41 GPM (9.3 m³/h) past the motor

Main Power Supply To Pump : 3 x 230 V or 3 x 460 V 60Hz (- 10%/+ 6%)

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor or 10" (254 mm) motor

Minimum Installation Submergence : 30' (9.1 m)

See the SP Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

11

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
3 x 460V						
8	60.00	602	1100S600-2-AA	18BG96B2	21,390	
8	75.00	635	1100S750-2-A	18BG96A2	27,984	
8	100.00	734	1100S1000-2	18BG9602	33,502	
8	100.00	794	1100S1000-3-AA	18BG96B3	34,310	
8	125.00	875	1100S1250-3-A	18BG96A3	40,748	
8	125.00	875	1100S1250-3	18BG9603	40,748	
8	150.00	1017	1100S1500-4-A	18BG96A4	47,748	
8	150.00	1017	1100S1500-4-AA	18BG96B4	47,748	
8	150.00	1017	1100S1500-4	18BG9604	48,635	
3 x 208-220-230V						
6	30.00	302	1100S300-1A	18BG30A1	13,080	
3 x 440-460-480V						
6	30.00	302	1100S300-1-A	18BG36A1	13,080	
6	40.00	332	1100S400-1	18BG3601	14,510	
10	180.00	1335	1100S1750-5-AA	18BV96B5	66,428	
10	200.00	1478	1100S2000-5-A	18BV96A5	66,614	
10	200.00	1478	1100S2000-5	18BV9605	66,237	
10	260.00	1701	1100S2500-6-A	18BV96A6	77,038	
10	260.00	1701	1100S2500-6-AA	18BV96B6	77,038	
10	260.00	1701	1100S2500-6	18BV9606	77,038	

SP 1100S - PUMP END

SP 6"-10" SUBMERSIBLE PUMPS

SP 1100S - PUMP END: 10" HYDRAULIC END ONLY IN STAINLESS STEEL AISI 304

- **Pump End Only** – Fully Assembled - Motor Available Separately
- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency
- Built-in non-return valve

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,230 Ft. of Head (341 m) or up to 1400 GPM (318.0 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h) or 8" motor 25 GPM (5.7) or 10" motor 175 HP and 200 HP 55 GPM (12.5 m³/h) or 250 HP 41 GPM (9.3 m³/h) past the motor

Complete Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (153 mm) motor or 8" (203 mm) motor or 10" (254 mm) motor

Minimum Installation Submergence : 30' (9.1 m)

See the [SP Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for actual specifications on a particular pump.



MPG WG

P2 [HP]	Motor Diameter	Discharge [inch]	Min borehole dia "	Shipping Weight [LBS]	Short description	Part Number	Price
30.00	6	6	10	146	1100S300-1-A	18BG00A1	5,954
40.00	6	6	10	146	1100S400-1	18BG0001	5,954
40.00	8	6	10	154	1100S400-1	18BH0001	6,384
60.00	6	6	10	168	1100S600-2-AA	18BH00B2	6,541
60.00	8	6	10	176	1100S600-2-AA	18BG00B2	6,763
75.00	8	6	10	176	1100S750-2-A	18BG00A2	7,246
100.00	8	6	10	176	1100S1000-2	18BG0002	7,869
100.00	8	6	10	198	1100S1000-3-AA	18BG00B3	8,678
125.00	8	6	10	198	1100S1250-3-A	18BG00A3	8,958
125.00	8	6	10	198	1100S1250-3	18BG0003	8,958
150.00	8	6	10	220	1100S1500-4-A	18BG00A4	9,114
150.00	8	6	10	220	1100S1500-4-AA	18BG00B4	9,114
150.00	8	6	10	220	1100S1500-4	18BG0004	10,001
180.00	8	6	10	276	1100S1750-5-AA	18BG00B5	10,343
180.00	10	6	11	312	1100S1750-5-AA	18BV00B5	10,343
200.00	8	6	10	276	1100S2000-5-A	18BG00A5	10,530
200.00	8	6	10	276	1100S2000-5	18BG0005	11,351
200.00	10	6	11	312	1100S2000-5-A	18BV00A5	10,530
200.00	10	6	11	312	1100S2000-5	18BV0005	11,351
260.00	10	6	11	365	1100S2500-6-A	18BV00A6	13,299
260.00	10	6	11	365	1100S2500-6-AA	18BV00B6	13,299
260.00	10	6	11	365	1100S2500-6	18BV0006	13,299

6” SPE 85S - 1100S SPE Replacement Pump Ends and Replacement Motors Selection Guide

Model	Dis. NPT (in.)	Motor HP	Pump Curve HP	Motor SF Amps	DOE Pump PEIcl*	DOE with CUE PEIvl*	COMPLETE PUMP	CUE DRIVE		TCI SINE WAVE FILTER
							Part Number	INDOOR Part Number	OUTDOOR Part Number	Part Number
SPE85S100- 2	3"	10	5	8.8	.85	.33	92673182	99616714	99619042	92617569
SPE85S100- 4	3"	10	5	8.8	.85	.33	92673184	99616714	99619042	92617569
SPE85S100- 6	3"	10	7.5	12.4	.85	.33	92673185	99616715	99619043	92617580
SPE85S100- 8	3"	10	10	16.2	.85	.33	92673186	99616716	99619044	92617581
SPE85S250-10	3"	25	15	24.2	.85	.32	92673187	99616717	99619045	92617582
SPE85S250-12	3"	25	15	24.2	.85	.32	92673188	99616717	99619045	92617582
SPE85S250-16	3"	25	20	32.2	.85	.32	92673190	99616718	99619046	92617583
SPE85S250-20	3"	25	25	39.0	.85	.32	92673191	99616719	99619047	92617587
SPE85S400-24	3"	40	30	44.8	.85	**	92673192	99616720	99619048	92617588
SPE85S400-28	3"	40	40	60.0	.85	**	92673193	99616721	99619049	92617589
SPE85S400-32	3"	40	40	60.0	.85	**	92673194	99616721	99619049	92617589
SPE85S500-36	3"	50	50	82.6	.85	**	92673195	99616723	99619051	92617591
SPE85S500-40	3"	50	50	82.6	.85	**	92673196	99616723	99619051	92617591
SPE150S100- 2	3"	10	5	8.8	.91	.35	92673197	99616714	99619042	92617569
SPE150S100- 3	3"	10	7.5	12.4	.91	.35	92673198	99616716	99619043	92617580
SPE150S100- 5	3"	10	10	16.2	.91	.35	92673199	99616716	99619044	92617581
SPE150S250- 7	3"	25	15	24.2	.91	.35	92673200	99616717	99619045	92617582
SPE150S250-10	3"	25	20	32.2	.91	.35	92673201	99616718	99619046	92617583
SPE150S250-12	3"	25	25	39.0	.91	.35	92673202	99616719	99619047	92617587
SPE150S400-15	3"	40	30	44.8	.91	**	92673203	99616720	99619048	92617588
SPE150S400-20	3"	40	40	60.0	.91	**	92673204	99616721	99619049	92617589
SPE150S500-25	3"	50	50	82.6	.91	**	92673205	99616723	99619051	92617591
SPE230S100- 2	4"	10	7.5	12.4	.92	**	92673209	99616716	99619043	92617580
SPE230S250- 4	4"	25	15	24.2	.92	.36	92673210	99616717	99619045	92617582
SPE230S250- 6	4"	25	20	32.2	.92	.36	92673211	99616718	99619046	92617583
SPE230S250- 7	4"	25	25	39.0	.92	.36	92673212	99616719	99619047	92617587
SPE230S400-10	4"	40	40	60.0	.92	.36	92673213	99616721	99619049	92617589
SPE230S400-12	4"	40	40	60.0	.92	.36	92673214	99616721	99619049	92617589
SPE230S500-15	4"	50	50	82.6	.92	**	92673215	99616723	99619051	92617591

PLEASE NOTE:

- Permanent Magnet Motor requires IPM technology to start motor, found in Grundfos CUE VFD Drives
- Overall 10% electrical energy savings operation on a Grundfos CUE Drive
- 5-Year Warranty when purchase complete system including SPE Complete Pump, CUE Drive, and Sine Wave Filter
- Motors are 4-Pole, 3600 RPM, 3PH, 460 Volt, Operating on 410V
- cCSAus & NSF 61 AND NSF 372 drinking water approvals
- * DOE Complete with Motor (PM) = PEICL, With CUE (Controller) = PEIVL, 4-Pole
- ** The DOE, PEICL and PEIVL are out of scope, and still achieve the 10% power savings and 5-Year System Warranty
- Please use Grundfos EXTRANET to check product lead times
- **RED highlighted** part numbers are included in the SPE Submersible Quick Ship Program

6” SPE 85S - 1100S SPE Replacement Pump Ends and Replacement Motors Selection Guide

Model	Dis. NPT (in.)	Motor HP	Pump Curve HP	Motor SF Amps	DOE Pump PEIcl*	DOE with CUE PEIvl*	COMPLETE PUMP	CUE DRIVE		TCI SINE WAVE FILTER
							Part Number	INDOOR Part Number	OUTDOOR Part Number	Part Number
SPE300S100- 1	4"	10	5	8.8	.92	**	92673216	99616714	99619042	92617569
SPE300S100- 2	4"	10	10	16.2	.92	**	92673217	99616716	99619044	92617581
SPE300S250- 4	4"	25	20	32.2	.92	.36	92673218	99616718	99619046	92617583
SPE300S250- 6	4"	25	25	39.0	.92	.36	92673219	99616719	99619047	92617587
SPE300S400- 8	4"	40	40	60.0	.92	.37	92673220	99616721	99619049	92617589
SPE300S400-10	4"	40	40	60.0	.92	.37	92673221	99616721	99619049	92617589
SPE300S500-12	4"	50	50	82.6	.92	**	92673222	99616723	99619051	92617591
SPE300S500-13	4"	50	50	82.6	.92	**	92673223	99616723	99619051	92617591
SPE385S100- 1	4"	10	10	16.2	**	**	92673224	99616716	99619044	92617581
SPE385S250- 2	4"	25	20	32.2	**	**	92673225	99616718	99619046	92617583
SPE385S250- 3	4"	25	25	39.0	**	**	92673226	99616719	99619047	92617587
SPE385S400- 4	4"	40	40	60.0	**	**	92673227	99616721	99619049	92617589
SPE385S400- 5	4"	40	40	60.0	**	**	92673228	99616721	99619049	92617589
SPE385S500- 6	4"	50	50	82.6	**	**	92673229	99616723	99619051	92617591
SPE475S250- 1	6"	25	15	24.2	**	**	92673230	99616717	99619045	92617582
SPE475S250- 2	6"	25	20	32.2	**	**	92673231	99616718	99619046	92617583
SPE475S400- 3	6"	40	30	44.8	**	**	92673232	99616720	99619048	92617588
SPE475S400- 4	6"	40	40	60.0	**	**	92673233	99616721	99619049	92617589
SPE475S500- 5	6"	50	50	82.6	**	**	92673234	99616723	99619051	92617591
SPE625S250- 1	6"	25	25	39.0	**	**	92673235	99616719	99619047	92617587
SPE625S500- 2	6"	50	50	82.6	**	**	92673236	99616723	99619051	92617591
SPE800S400- 1	6"	40	30	44.8	**	**	92673237	99616720	99619048	92617588
SPE1100S500- 1	6"	50	50	82.6	**	**	92673238	99616723	99619051	92617591

PLEASE NOTE:

- Permanent Magnet Motor requires IPM technology to start motor, found in Grundfos CUE VFD Drives
- Overall 10% electrical energy savings operation on a Grundfos CUE Drive
- 5-Year Warranty when purchase complete system including SPE Complete Pump, CUE Drive, and Sine Wave Filter
- Motors are 4-Pole, 3600 RPM, 3PH, 460 Volt, Operating on 410V
- cCSAus & NSF 61 AND NSF 372 drinking water approvals
- * DOE Complete with Motor (PM) = PEIcl , With CUE (Controller) = PEIvl , 4-Pole.
- ** The DOE, PEIcl and PEIvl are out of scope, and still achieve the 10% power savings and 5-Year System Warranty.
- Please use Grundfos EXTRANET to check product lead times.

6” SPE 85S - 1100S SPE Replacement Pump Ends and Replacement Motors Selection Guide

Model	Dis. NPT (in.)	Motor Dia. (in.)	Motor HP	Pump Curve HP	Motor SF Amps	DOE Pump PEicl*	DOE with CUE PEIvl*	SPE Replacement Pump Ends	SPE Replacement Motors
								Part Number	Part Number
SPE85S100- 2	3"	6"	10	5	8.8	.85	.33	92719146	99843438
SPE85S100- 4	3"	6"	10	5	8.8	.85	.33	92720025	99843438
SPE85S100- 6	3"	6"	10	7.5	12.4	.85	.33	92720026	99843438
SPE85S100- 8	3"	6"	10	10	16.2	.85	.33	92720027	99843438
SPE85S250-10	3"	6"	25	15	24.2	.85	.32	92720028	99843439
SPE85S250-12	3"	6"	25	15	24.2	.85	.32	92720029	99843439
SPE85S250-16	3"	6"	25	20	32.2	.85	.32	92720030	99843439
SPE85S250-20	3"	6"	25	25	39.0	.85	.32	92720031	99843439
SPE85S400-24	3"	6"	40	30	44.8	.85	**	92720032	99843440
SPE85S400-28	3"	6"	40	40	60.0	.85	**	92720033	99843440
SPE85S400-32	3"	6"	40	40	60.0	.85	**	92720034	99843440
SPE85S500-36	3"	6"	50	50	82.6	.85	**	92720035	99843441
SPE85S500-40	3"	6"	50	50	82.6	.85	**	92720036	99843441
SPE150S100- 2	3"	6"	10	5	8.8	.91	.35	92720037	99843438
SPE150S100- 3	3"	6"	10	7.5	12.4	.91	.35	92720038	99843438
SPE150S100- 5	3"	6"	10	10	16.2	.91	.35	92720039	99843438
SPE150S250- 7	3"	6"	25	15	24.2	.91	.35	92720040	99843439
SPE150S250-10	3"	6"	25	20	32.2	.91	.35	92720041	99843439
SPE150S250-12	3"	6"	25	25	39.0	.91	.35	92720042	99843439
SPE150S400-15	3"	6"	40	30	44.8	.91	**	92720043	99843440
SPE150S400-20	3"	6"	40	40	60.0	.91	**	92720044	99843440
SPE150S500-25	3"	6"	50	50	82.6	.91	**	92720045	99843441
SPE230S100- 2	4"	6"	10	7.5	12.4	.92	**	92720046	99843438
SPE230S250- 4	4"	6"	25	15	24.2	.92	.36	92720047	99843439
SPE230S250- 6	4"	6"	25	20	32.2	.92	.36	92720048	99843439
SPE230S250- 7	4"	6"	25	25	39.0	.92	.36	92720049	99843439
SPE230S400-10	4"	6"	40	40	60.0	.92	.36	92720050	99843440
SPE230S400-12	4"	6"	40	40	60.0	.92	.36	92720051	99843440
SPE230S500-15	4"	6"	50	50	82.6	.92	**	92720052	99843441

PLEASE NOTE:

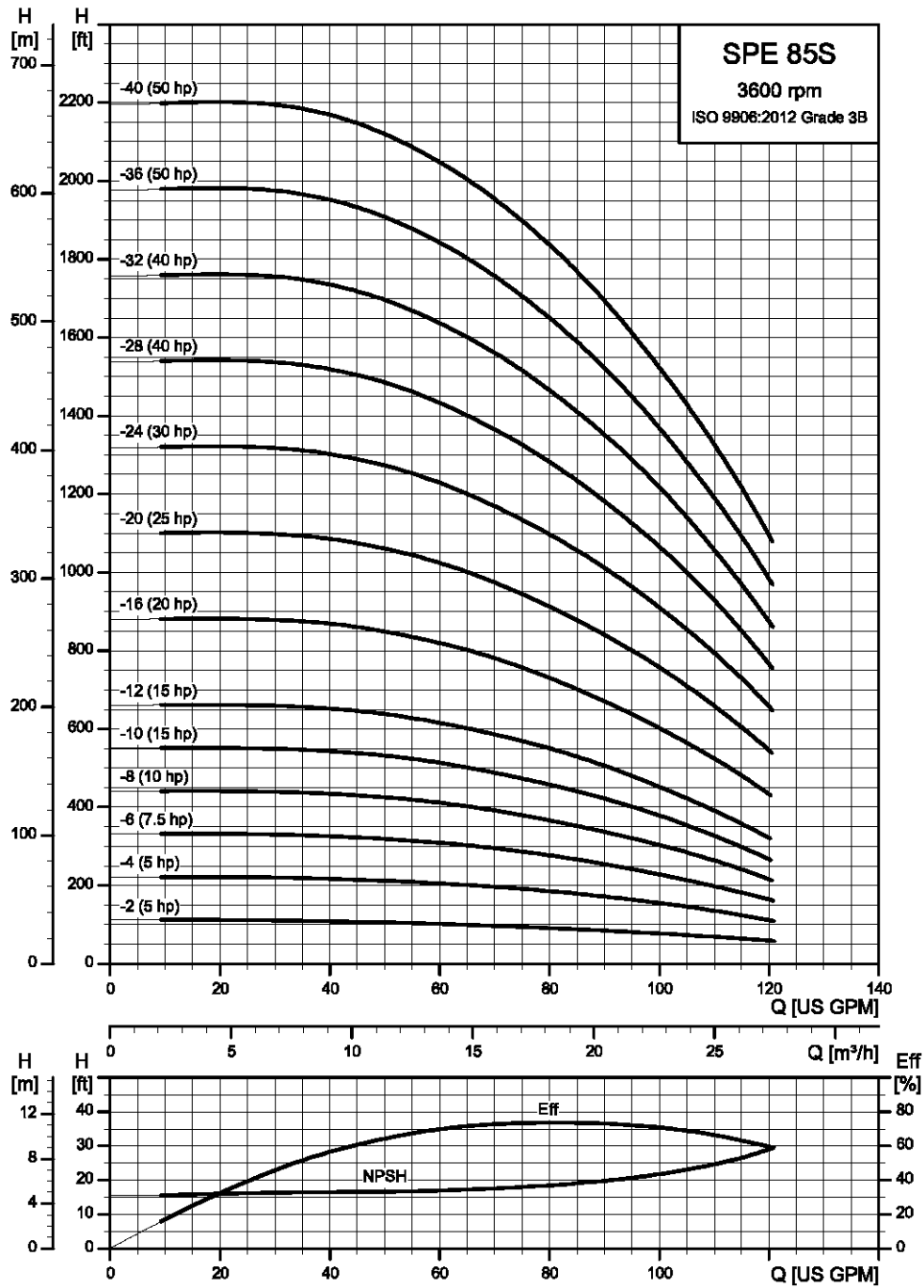
- Permanent Magnet Motor requires IPM technology to start motor, found in Grundfos CUE VFD Drives
- Overall 10% electrical energy savings operation on a Grundfos CUE Drive
- 5-Year Warranty when purchase complete system including SPE Complete Pump, CUE Drive, and Sine Wave Filter
- Motors are 4-Pole, 3600 RPM, 3PH, 460 Volt, Operating on 410V
- cCSAus & NSF 61 AND NSF 372 drinking water approvals
- * DOE Complete with Motor (PM) = PEICL, With CUE (Controller) = PEIVL, 4-Pole
- ** The DOE, PEICL and PEIVL are out of scope, and still achieve the 10% power savings and 5-Year System Warranty
- Please use Grundfos EXTRANET to check product lead times

6” SPE 85S - 1100S SPE Replacement Pump Ends and Replacement Motors Selection Guide

Model	Dis. NPT (in.)	Motor Dia (in.)	Motor HP	Pump Curve HP	Motor SF Amps	DOE Pump PEicl*	DOE with CUE PEIVL*	SPE Replacement Pump Ends	SPE Replacement Motors
								Part Number	Part Number
SPE300S100- 1	4"	6"	10	5	8.8	.92	**	92720053	99843438
SPE300S100- 2	4"	6"	10	10	16.2	.92	**	92720054	99843438
SPE300S250- 4	4"	6"	25	20	32.2	.92	.36	92720055	99843439
SPE300S250- 6	4"	6"	25	25	39.0	.92	.36	92720056	99843439
SPE300S400- 8	4"	6"	40	40	60.0	.92	.37	92720057	99843440
SPE300S400-10	4"	6"	40	40	60.0	.92	.37	92720058	99843440
SPE300S500-12	4"	6"	50	50	82.6	.92	**	92720059	99843441
SPE300S500-13	4"	6"	50	50	82.6	.92	**	92720060	99843441
SPE385S100- 1	4"	6"	10	10	16.2	**	**	92720061	99843438
SPE385S250- 2	4"	6"	25	20	32.2	**	**	92720062	99843439
SPE385S250- 3	4"	6"	25	25	39.0	**	**	92720063	99843439
SPE385S400- 4	4"	6"	40	40	60.0	**	**	92720064	99843440
SPE385S400- 5	4"	6"	40	40	60.0	**	**	92720065	99843440
SPE385S500- 6	4"	6"	50	50	82.6	**	**	92720066	99843441
SPE475S250- 1	6"	6"	25	15	24.2	**	**	92720067	99843439
SPE475S250- 2	6"	6"	25	20	32.2	**	**	92720068	99843439
SPE475S400- 3	6"	6"	40	30	44.8	**	**	92720069	99843440
SPE475S400- 4	6"	6"	40	40	60.0	**	**	92720070	99843440
SPE475S500- 5	6"	6"	50	50	82.6	**	**	92720071	99843441
SPE625S250- 1	6"	6"	25	25	39.0	**	**	92720072	99843439
SPE625S500- 2	6"	6"	50	50	82.6	**	**	92720073	99843441
SPE800S400- 1	6"	6"	40	30	44.8	**	**	92720074	99843440
SPE1100S500- 1	6"	6"	50	50	82.6	**	**	92720075	99843441

PLEASE NOTE:

- Permanent Magnet Motor requires IPM technology to start motor, found in Grundfos CUE VFD Drives
- Overall 10% electrical energy savings operation on a Grundfos CUE Drive
- 5-Year Warranty when purchase complete system including SPE Complete Pump, CUE Drive, and Sine Wave Filter
- Motors are 4-Pole, 3600 RPM, 3PH, 460 Volt, Operating on 410V
- cCSAus & NSF 61 AND NSF 372 drinking water approvals
- * DOE Complete with Motor (PM) = PEICL, With CUE (Controller) = PEIVL, 4-Pole
- ** The DOE, PEICL and PEIVL are out of scope, and still achieve the 10% power savings and 5-Year System Warranty
- Please use Grundfos EXTRANET to check product lead times



SPE 85S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 85S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency. Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive (VFD) motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 2,200 Ft. of Head (670 m) or up to 110 GPM (25.0 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .82, Complete with Motor (PM) = PEICL .85, with CUE (Controller) = PEIVL .33 on 10 HP and .32 on 25HP, 2-Pole.

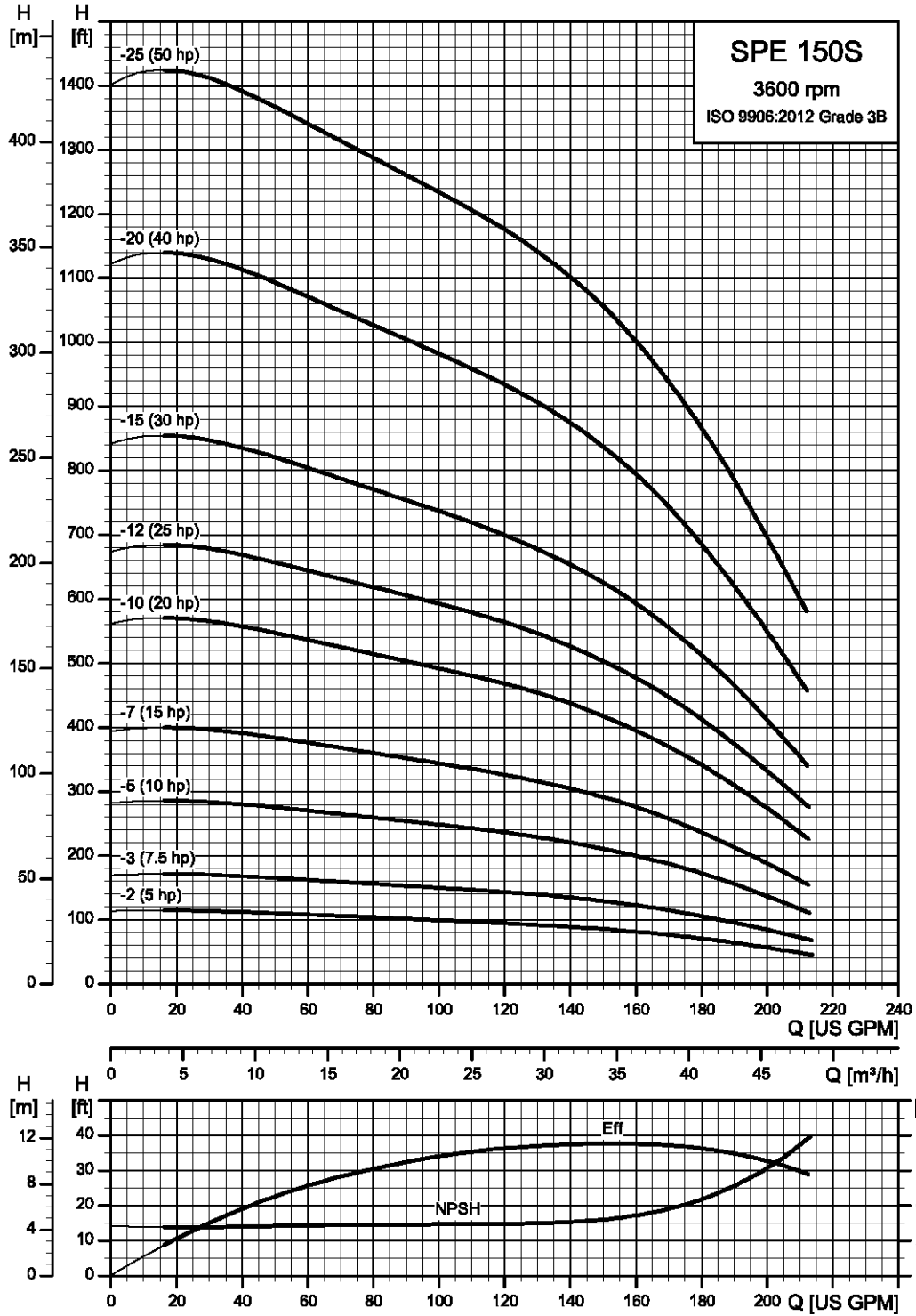
SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
3 x 460V						
6	10.00	128	SPE 85S100-2	92673182	0.85	7,861
6	10.00	134	SPE 85S100-4	92673184	0.85	9,331
6	10.00	141	SPE 85S100-6	92673185	0.85	10,436
6	10.00	147	SPE 85S100-8	92673186	0.85	11,234
6	25.00	182	SPE 85S250-10	92673187	0.85	15,739
6	25.00	191	SPE 85S250-12	92673188	0.85	16,930
6	25.00	264	SPE 85S250-16	92673190	0.85	18,276
6	25.00	276	SPE 85S250-20	92673191	0.85	19,399
6	40.00	333	SPE 85S400-24	92673192	0.85	22,241
6	40.00	345	SPE 85S400-28	92673193	0.85	23,015
6	40.00	366	SPE 85S400-32	92673194	0.85	24,344
6	50.00	486	SPE 85S500-36	92673195	0.85	O.R.
6	50.00	515	SPE 85S500-40	92673196	0.85	O.R.



SPE 150S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 150S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency. Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive (VFD) motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 1,400 Ft. of Head (426 m) or up to 200 GPM (45.4 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 5' (1.5 m)

DOE PEI : Pump End (BP) = PEICL .91, Complete with Motor (PM) = PEICL .91, with CUE (Controller) = PEIVL .35, 2-Pole.

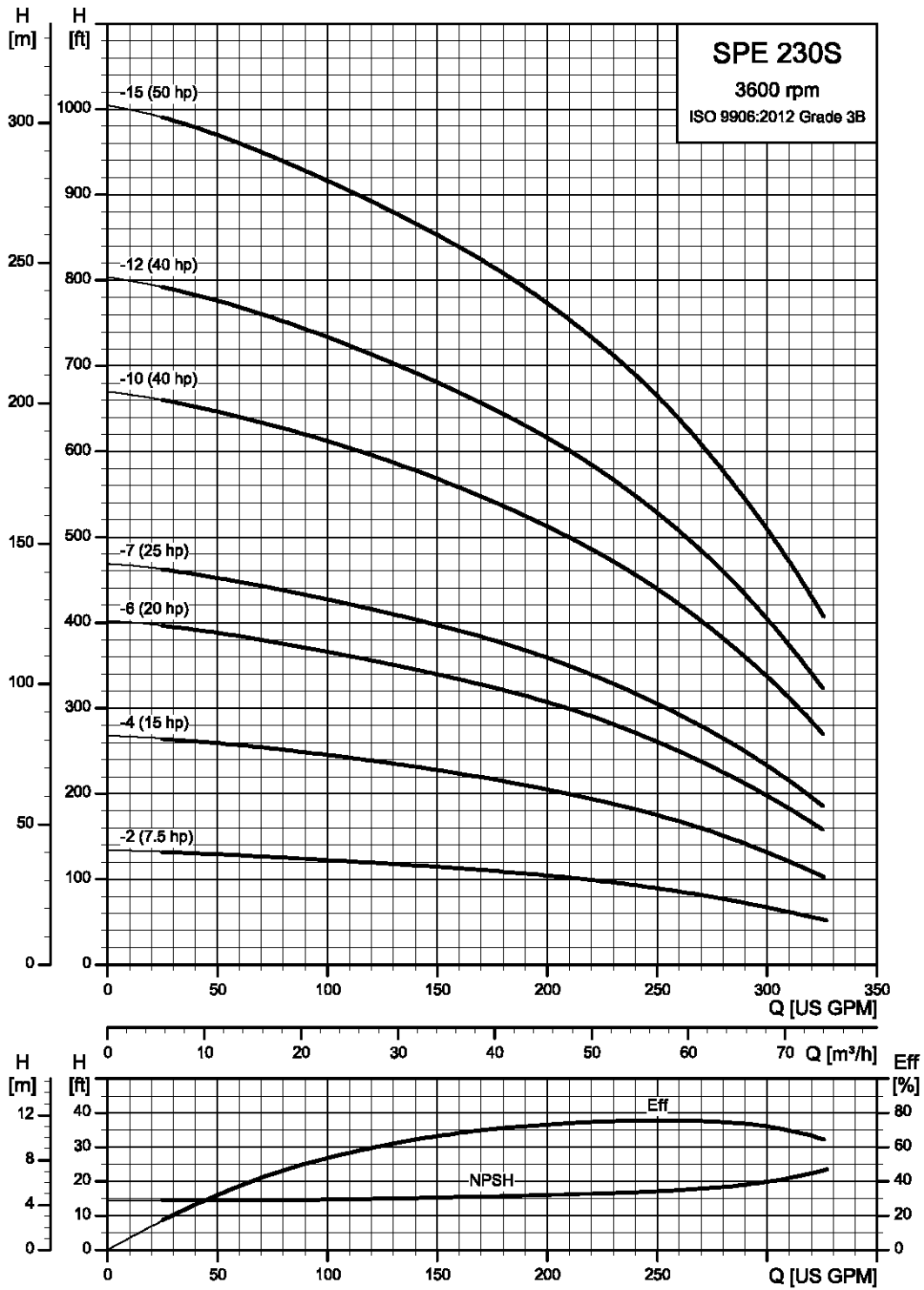
SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
3 x 460V						
6	10.00	130	SPE 150S100-2	92673197	0.91	9,090
6	10.00	135	SPE 150S100-3	92673198	0.91	9,621
6	10.00	143	SPE 150S100-5	92673199	0.91	10,270
6	25.00	184	SPE 150S250-7	92673200	0.91	14,480
6	25.00	258	SPE 150S250-10	92673201	0.91	15,638
6	25.00	266	SPE 150S250-12	92673202	0.91	16,506
6	40.00	324	SPE 150S400-15	92673203	0.91	19,648
6	40.00	355	SPE 150S400-20	92673204	0.91	21,969
6	50.00	419	SPE 150S500-25	92673205	0.91	O.R.



SPE 230S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 230S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations. The pump is fitted with a built-in non-return valve
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency. Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive (VFD) motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 980 Ft. of Head (299 m) or up to 300 GPM (68.1 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

DOE PEI : Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .37 on 10 HP and .36 on 25 HP and 40HP, 4-Pole.

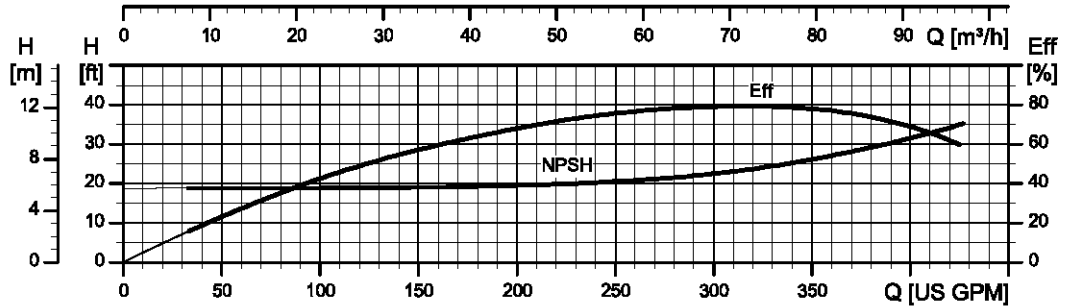
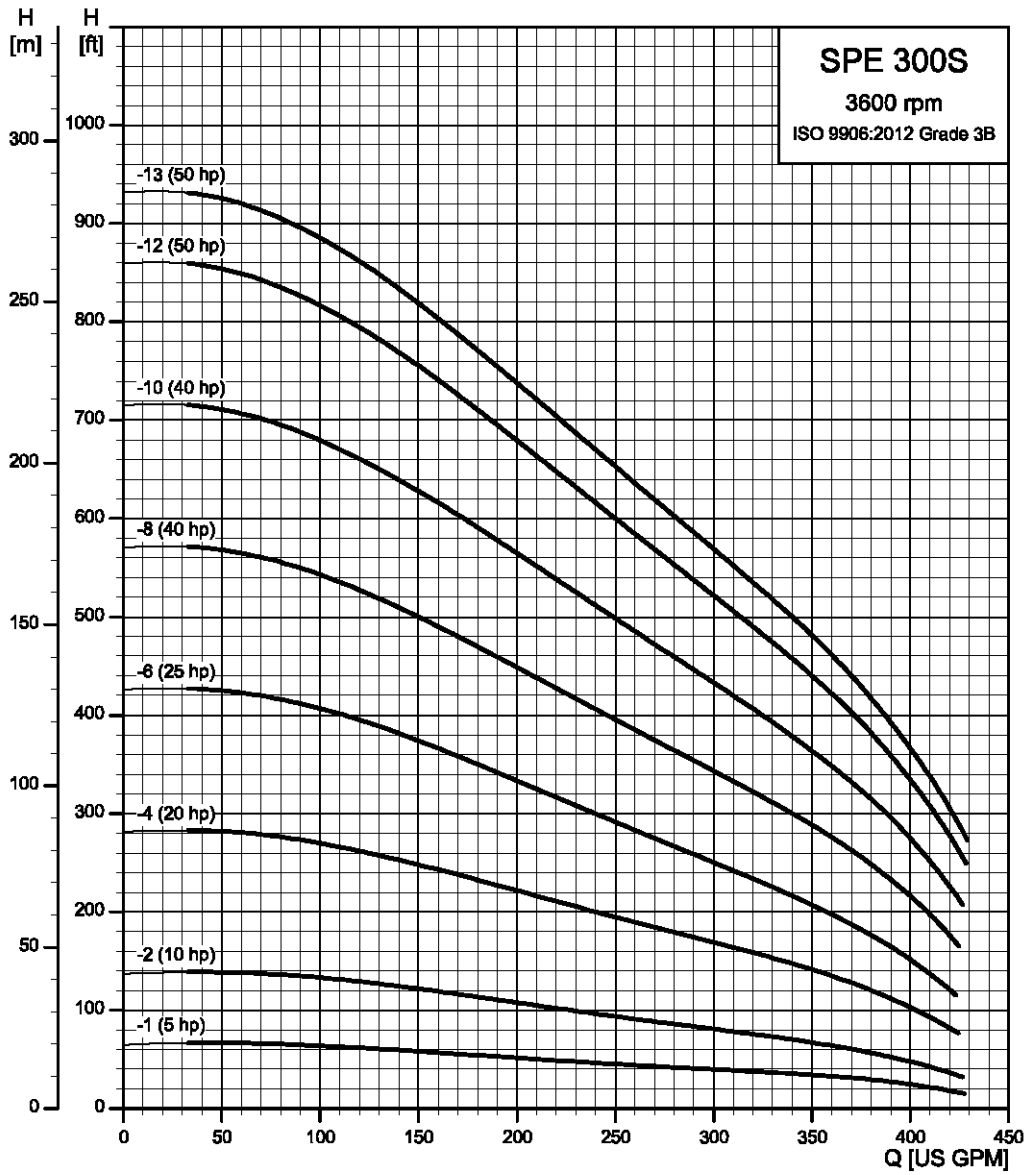
SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W							MPG WG
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price	
3 x 460V							
6	10.00	135	SPE 230S100-2	92673209	0.92	9,072	
6	25.00	173	SPE 230S250-4	92673210	0.92	13,714	
6	25.00	188	SPE 230S250-6	92673211	0.92	14,936	
6	25.00	193	SPE 230S250-7	92673212	0.92	15,542	
6	40.00	310	SPE 230S400-10	92673213	0.92	20,879	
6	40.00	321	SPE 230S400-12	92673214	0.92	21,692	
6	50.00	379	SPE 230S500-15	92673215	0.92	O.R.	



SPE 300S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 300S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency. Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive (VFD) motor protection unit



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 925 Ft. of Head (282 m) or up to 400 GPM (90.9 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

DOE PEI : Pump End (BP) = PEICL .92, Complete with Motor (PM) = PEICL .92, with CUE (Controller) = PEIVL .36 on 25 HP and .37 on 40 HP, 2-Pole.

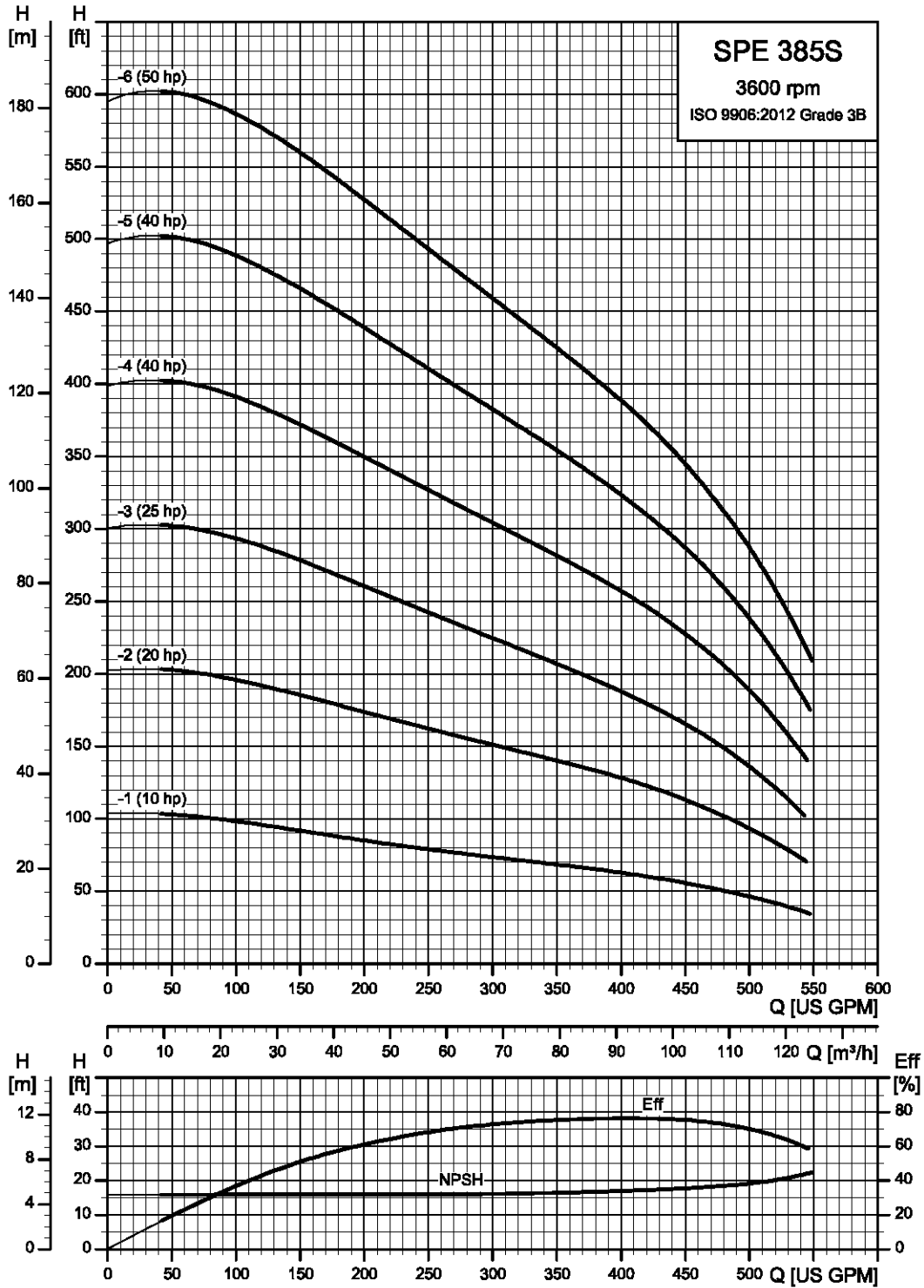
SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	PEI	Price
3 x 460V						
6	10.00	130	SPE 300S100-1	92673216	0.92	8,354
6	10.00	135	SPE 300S100-2	92673217	0.92	9,121
6	25.00	173	SPE 300S250-4	92673218	0.92	13,762
6	25.00	188	SPE 300S250-6	92673219	0.92	15,153
6	40.00	297	SPE 300S400-8	92673220	0.92	18,249
6	40.00	310	SPE 300S400-10	92673221	0.92	19,796
6	50.00	355	SPE 300S500-12	92673222	0.92	O.R.
6	50.00	360	SPE 300S500-13	92673223	0.92	O.R.



SPE 385S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 385S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance and sand handling characteristics
- Best-in-class efficiency. Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive (VFD)

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 600 Ft. of Head (183 m) or up to 520 GPM (118.1 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

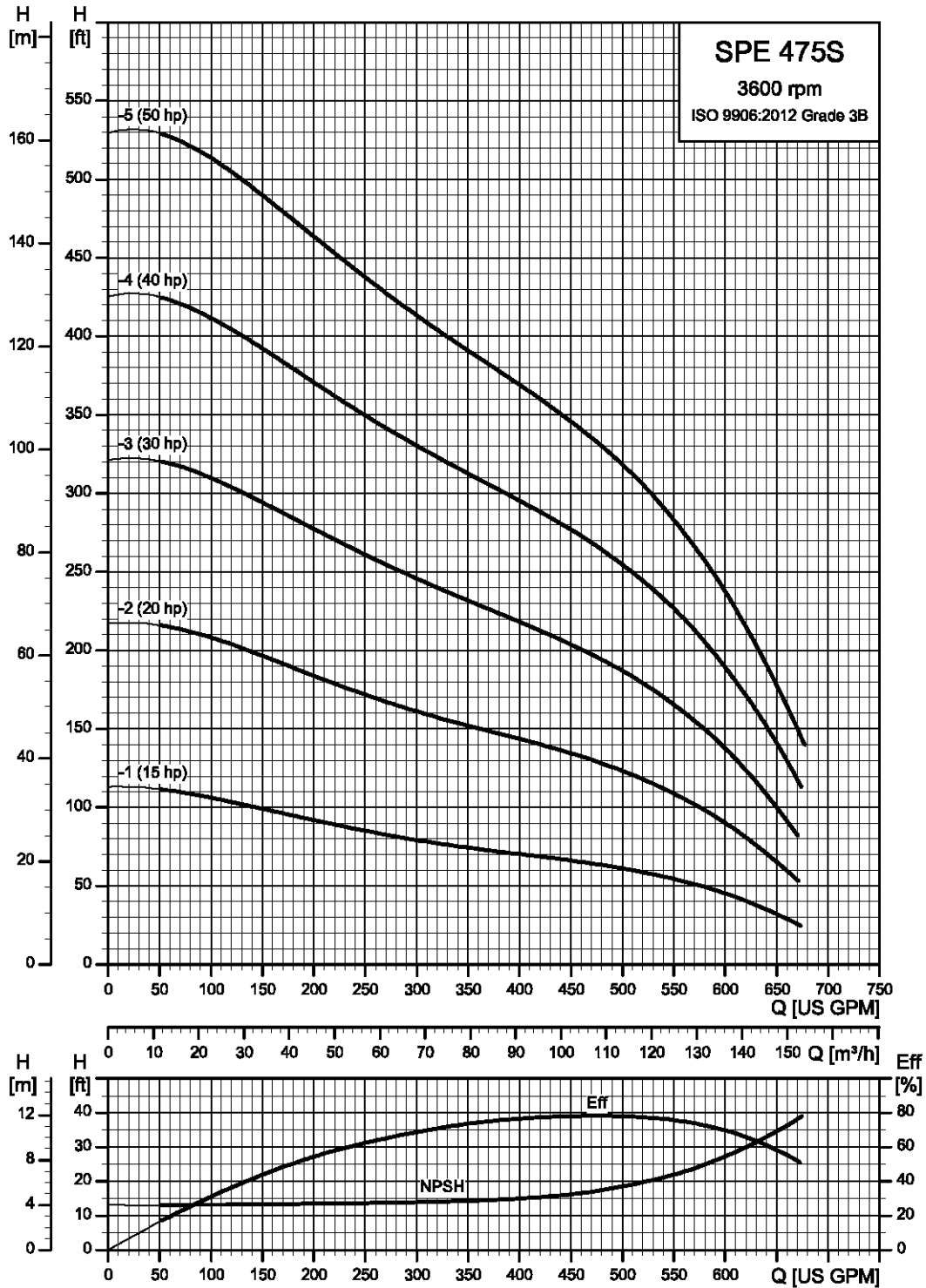
Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
3 x 460V					
6	10.00	212	SPE 385S100-1	92673224	8,802
6	25.00	251	SPE 385S250-2	92673225	13,456
6	25.00	269	SPE 385S250-3	92673226	14,902
6	40.00	327	SPE 385S400-4	92673227	17,584
6	40.00	336	SPE 385S400-5	92673228	18,617
6	50.00	376	SPE 385S500-6	92673229	O.R.



SPE 475S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 475S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance
- Best-in-class efficiency with a permanent magnet motor
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive



Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 525Ft. of Head (160 m) or up to 650 GPM (147.6 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 8' (2.4 m)

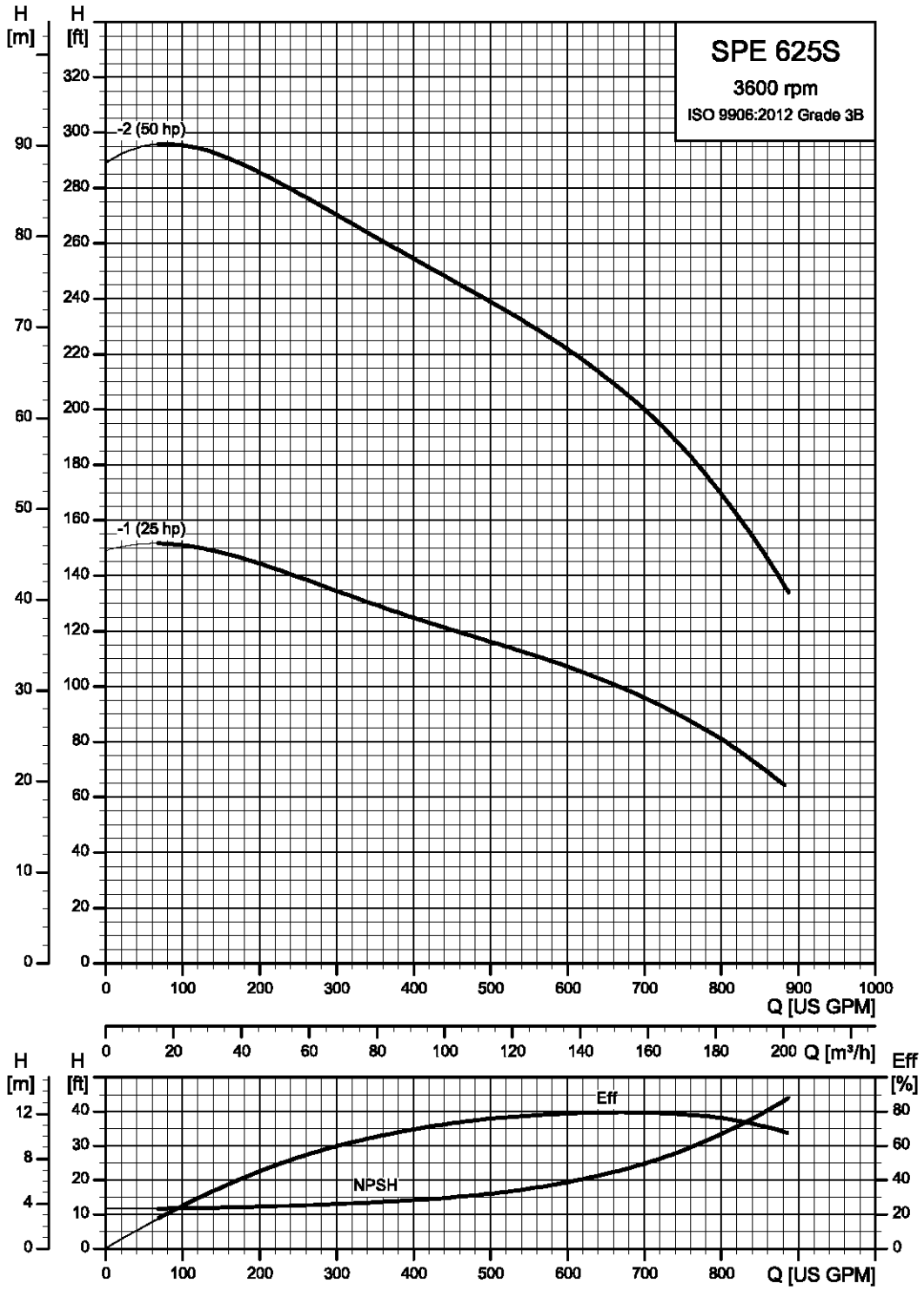
SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WG

3W						
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price	
3 x 460V						
6	25.00	243	SPE 475S250-1	92673230	12,782	
6	25.00	252	SPE 475S250-2	92673231	14,904	
6	40.00	309	SPE 475S400-3	92673232	17,234	
6	40.00	328	SPE 475S400-4	92673233	17,858	
6	50.00	369	SPE 475S500-5	92673234	O.R.	



SPE 625S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 625S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance
- Best-in-class efficiency with a permanent magnet motor
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 295Ft. of Head (90 m) or up to 850 GPM (193 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 10' (3 m)

SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

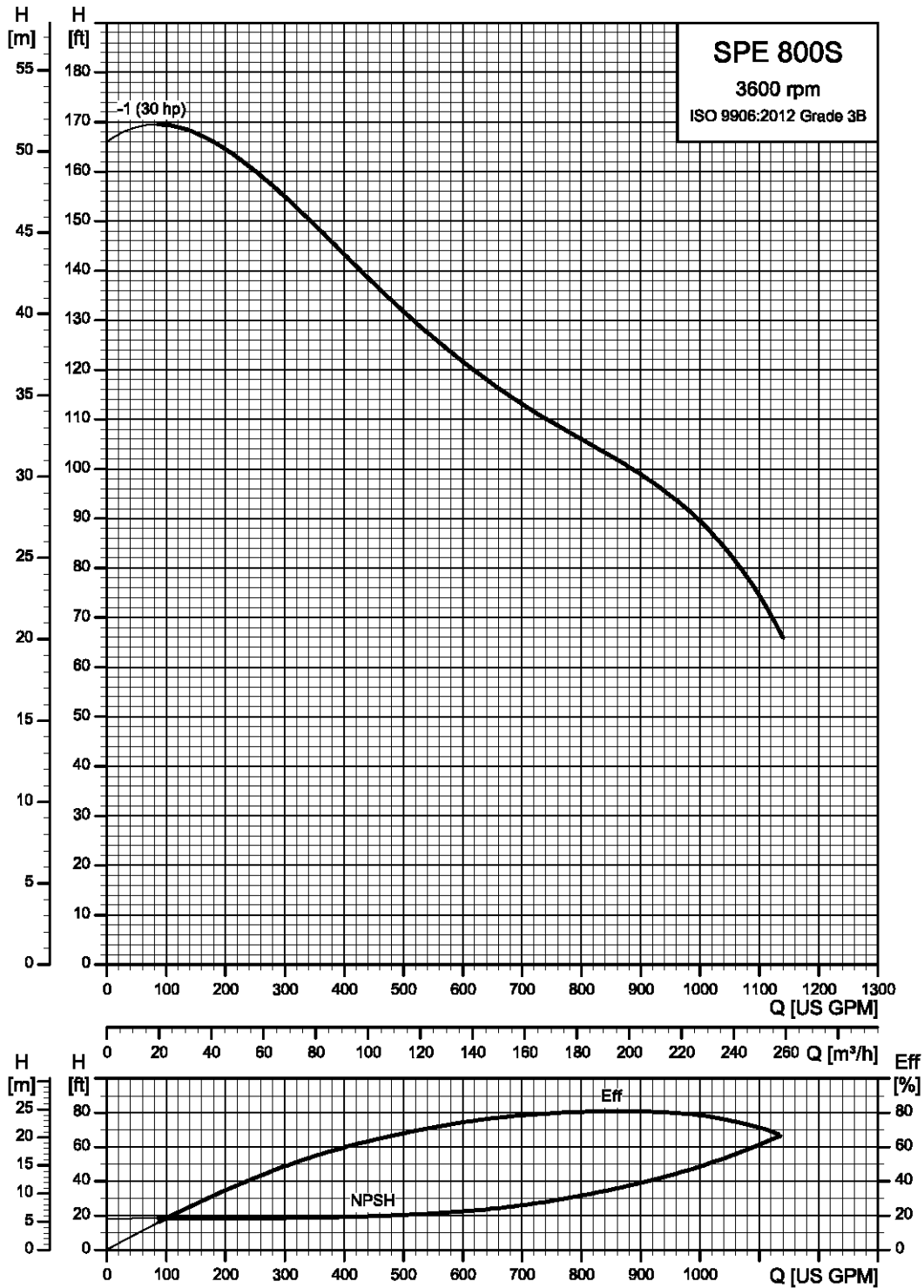


MPG WG

3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
3 x 460V					
6	25.00	264	SPE 625S250-1	92673235	14,595
6	50.00	371	SPE 625S500-2	92673236	O.R.

SPE 800S

Performance curves



11

TM081087



SPE 800S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 800S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations
- Full stainless steel construction
- Wear resistance
- Best-in-class efficiency. Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 170 Ft. of Head (52 m) or up to 1,100 GPM (250 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 25' (7.6 m)

SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

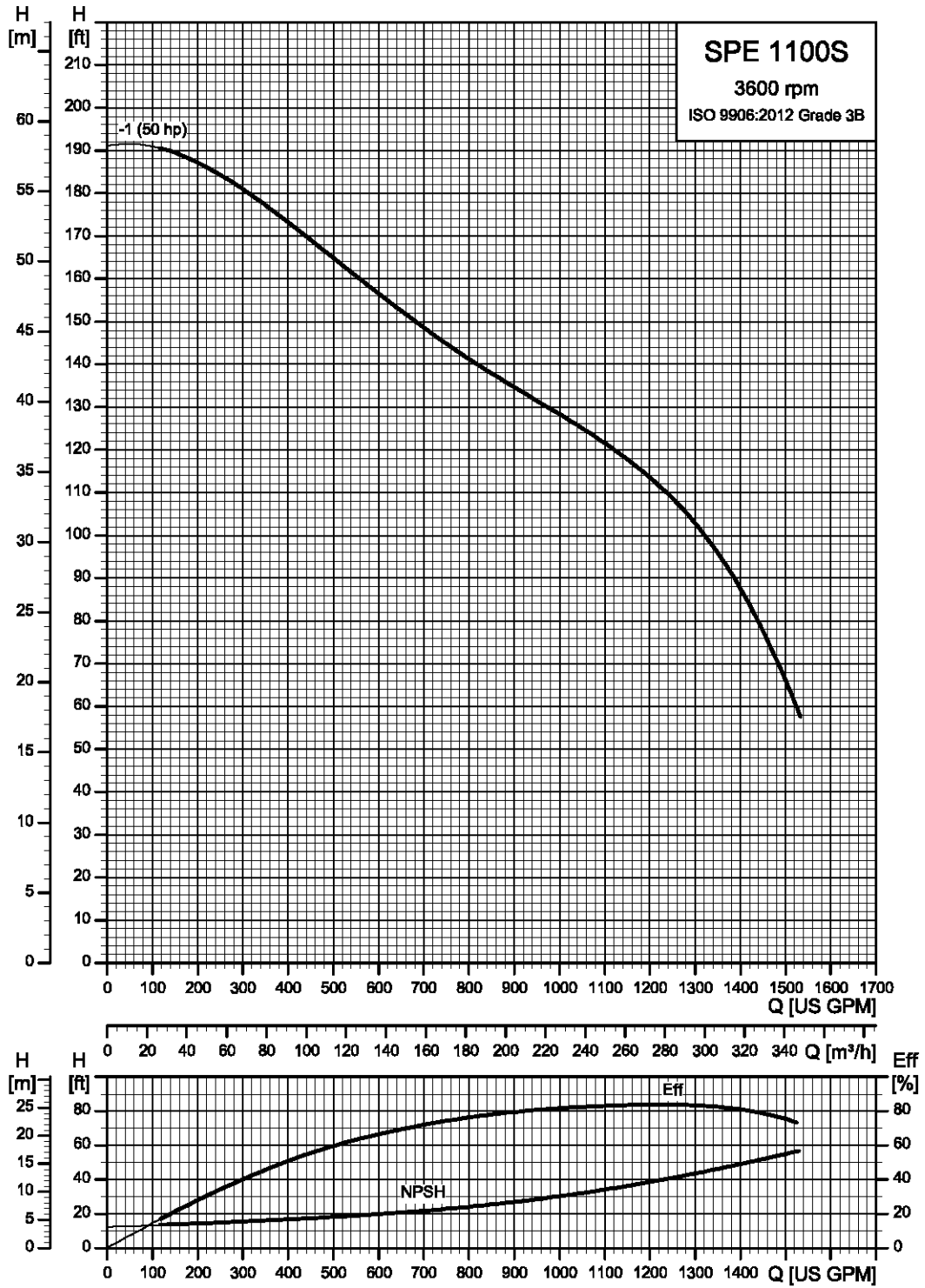
Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
3 x 460V					
6	40.00	310	SPE 800S400-1	92673237	15,821



SPE 1100S

SP 6"-10" SUBMERSIBLE PUMPS

SPE 1100S: SUBMERSIBLE PUMP WITH PERMANENT MAGNET MOTOR

- Multi-stage submersible pump for Groundwater water supply
- The pump is suitable for pumping clean water and non-aggressive liquids without solid particles or fibers
- May use the pump in horizontal and vertical installations. The pump is fitted with a built-in non-return valve
- Full stainless steel construction
- Wear resistance
- Best-in-class efficiency with a permanent magnet motor
- Built-in non-return valve
- Additional motor protection is available through the CUE Drive (VFD)

Liquid Temperature : Min 35°F (2°C) to Max 104°F (40°C)

Max Flow Rate : Up to 190 Ft. of Head (58 m) or up to 1500 GPM (340.7 m³/h)

Min Flow Rate : 0.1 x rated flow > 6" motor 9 GPM (2 m³/h)

Main Power Supply To Pump : 460 V 60Hz (- 10%/+ 6%)

Pump Material : Stainless Steel AISI 304

Minimum Well Diameter : 6" (152 mm) motor

Minimum Installation Submergence : 30' (9.1 m)

SPE Permanent Magnet motor requires a CUE Variable Frequency Drive (VFD)

Purchase an SPE complete pump & motor and a CUE Drive (VFD) and get a 5-year Warranty

See the SPE Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WG

3W					
Motor Diameter	P2 [HP]	Shipping Weight [LBS]	Short description	Part Number	Price
3 x 460V	6	50.00	352	SPE 1100S500-1	92673238
					O.R.

Type key, MS 402 motors

Example	MS	4	02
Motor submersible			
Minimum well casing diameter in inches			
Generation			
= AISI 304 (EN 1.4301) stainless steel			

Type key, MS 4000 motors

Example	MS	4	000	R
Motor submersible				
Minimum well casing diameter in inches				
Generation				
= AISI 304 (EN 1.4301) stainless steel				
R = AISI 904L (EN 1.4539) stainless steel				
I = AISI 304 (EN 1.4301) + Derated				
RE = AISI 904L (EN 1.4539) + FKM				
EI = AISI 304 (EN 1.4301) + Derated + FKM				

Type key, MS 6000C

Example pump: MS 6000CQFT40 3 x 460/60 25 Hp

Description	MS 6000C	Q	F	T40	3 x 460/60	25 Hp
Motor type						
Material type						
	= AISI 304 stainless steel (EN 1.4301)					
R	= AISI 904L stainless steel (EN 1.4539)					
Rubber						
	= NBR					
E	= FKM					
Shaft seal						
	= Ceramic/carbon BXPFF/NBR					
S	= SiC/SiC Q1Q1VFF/FKM					
Q	= SiC/SiC Q1Q1PFF/NBR					
Radial bearings						
	= Ceramic/hard metal					
W	= SiC/Tungsten carbide					
Motor liquid						
	= SML-3					
D	= Demineralized water					
H	= Glycol 60 vol % HTF					
Flange extension						
	= Without					
F	= With					
Tempcon						
	= With					
X	= Without					
Maximum liquid temperature						
T40	= 104 °F (40 °C)					
T60	= 140 °F (60 °C)					
Voltage						
3 x 460/60	= 3 x 440-460-480 V, 60 Hz					
3 x 208-230/60	= 3 x 208-220-230 V, 60 Hz					
3 x 575/60	= 3 x 575 V, 60 Hz					
Method of starting						
	= DOL					
SD	= SD					
Motor power						
5 Hp	3.7 kW	6"				
7.5 Hp	5.5 kW	6"				
10 Hp	7.5 kW	6"				
15 Hp	11 kW	6"				
20 Hp	15 kW	6"				
25 Hp	18.5 kW	6"				
30 Hp	22 kW	6"				
40 Hp	30 kW	6"				

MS 402

SUBMERSIBLE MOTORS ► SUBMERSIBLE MOTORS

MS 402: 4" SUBMERSIBLE MOTORS

- Grundfos MS402 submersible motors are designed for wells 4" or larger in diameter.
- Designed for deep well applications for lifting and pressurizing water supply.
- The MS402 motor is offered in a Single-Phase and 3-phase variance.
- Included with the motor is a sand shield, liquid-lubricated bearings, durable thrust bearing, pressure-equalizing diaphragm, and a 4' cable length.
- The Grundfos MS402 products are asynchronous submersible motors ranging from 0.50 HP (.37 kW) up to 2 HP (1.5 kW) in 60 Hz.



Liquid Temp: 40°F to 104°F (2°C to 40°C)

Min Flow Rate: 0.1 x rated flow (past the motor)

Mains Supply To Pump: 1 x 115V or 1 x 230V & 3 x 208V or 3 x 230V or 3 x 460V (+ 6%/- 10%) 60 Hz

Complete Motor Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 4" (102 mm)

Installation Submergence: Max. 492' (150m)

See the Motor Data Booklet or Grundfos Product Center (GPC) for more specifications on a particular motor.

MPG WH

Motor Diameter	Temp. transmitter	P2 [HP]	Start Method	Cable Length [ft]	Model	Part Number	Price
1 x 115							
4.0		0.50	DOL		MS402	98491989	818
4.0		0.50	DOL		MS402	98574339	713
1 x 230							
4.0		0.50	DOL		MS402	98492010	822
4.0		0.50	DOL		MS402	98574784	713
4.0		0.75	DOL		MS402	98188885	1,410
4.0		0.75	DOL		MS402	98188893	1,229
4.0		0.75	DOL		MS402	98492016	991
4.0		0.75	DOL		MS402	98574866	856
4.0		1.00	DOL		MS402	98188887	1,442
4.0		1.00	DOL		MS402	98188896	1,299
4.0		1.00	DOL		MS402	98492018	1,064
4.0		1.00	DOL		MS402	98574885	886
4.0		1.50	DOL		MS402	98574887	1,136
4.0		1.50	DOL		MS402	98188889	1,817
4.0		1.50	DOL		MS402	98188897	1,511
4.0		1.50	DOL		MS402	98492047	1,380
3 x 208							
4.0		0.75	DOL		MS402	98188914	1,263
4.0		1.00	DOL		MS402	98188917	1,361
4.0		1.50	DOL		MS402	98188922	1,482
4.0		2.00	DOL		MS402	98188926	1,578
3 x 230							
4.0		0.75	DOL		MS402	98188929	1,263
4.0		1.50	DOL		MS402	98188923	1,482
3 x 460							
4.0		0.75	DOL		MS402	98188915	1,230
4.0		1.00	DOL		MS402	98188919	1,361
4.0		1.50	DOL		MS402	98188924	1,482
4.0		2.00	DOL		MS402	98188927	1,532
1 x 115V60Hz							
4.0		0.50	DOL	4.0	MS402	96023039	734
4.0		0.50	DOL	4.0	MS402	96465574	842
1 x 230V60Hz							
4.0		0.50	DOL	4.0	MS402	96465606	734
4.0		0.50	DOL	4.0	MS402	96465616	842
4.0		0.75	DOL	4.0	MS402	96465608	882
4.0		0.75	DOL	4.0	MS402	96465618	1,019
4.0		1.00	DOL	4.0	MS402	96465610	913
4.0		1.00	DOL	4.0	MS402	96465620	1,096
4.0		1.50	DOL	4.0	MS402	96465612	1,168
4.0		1.50	DOL	4.0	MS402	96465622	1,423
3 x 208V60Hz							
4.0		0.50	DOL	4.0	MS402	96465633	771
4.0		0.75	DOL	4.0	MS402	96465634	845

Continuation

Motor Diameter	Temp. transmitter	P2 [HP]	Start Method	Cable Length [ft]	Model	Part Number	Price
4.0		1.00	DOL	4.0	MS402	96465635	934
4.0		1.50	DOL	4.0	MS402	96465636	1,055
4.0		2.00	DOL	4.0	MS402	96465637	1,146
3 x 230V60Hz							
4.0		0.50	DOL	4.0	MS402	96465624	773
4.0		0.75	DOL	4.0	MS402	96465626	844
4.0		1.00	DOL		MS402	96785681	1,402
4.0		1.00	DOL	4.0	MS402	96465627	934
4.0		1.50	DOL	4.0	MS402	96465629	1,055
4.0		2.00	DOL		MS402	96785682	1,578
4.0		2.00	DOL	4.0	MS402	96465630	1,146
3 x 460V60Hz							
4.0		0.50	DOL	4.0	MS402	96465638	771
4.0		0.75	DOL	4.0	MS402	96465639	844
4.0		1.00	DOL	4.0	MS402	96465650	934
4.0		1.50	DOL	4.0	MS402	96465651	1,055
4.0		2.00	DOL	4.0	MS402	96465652	1,146

MS 4000

SUBMERSIBLE MOTORS ► SUBMERSIBLE MOTORS

MS 4000: 4" SUBMERSIBLE MOTORS

- Grundfos MS4000 submersible motors are designed for wells 4" or larger in diameter.
- Designed for deep well applications for lifting and pressurizing water supply.
- The MS4000 motor is offered in a Single-Phase and 3-Phase variance.
- Included with the motor is a sand shield, liquid-lubricated bearings, durable thrust bearing, pressure-equalizing diaphragm, and a 4' cable length.
- The Grundfos MS4000 products are asynchronous submersible motors ranging from 2 HP (1.53.7 kW) up to 10 HP (7.5 kW) in 60 Hz.



Liquid Temp: 40°F to 104°F (2°C to 40°C)

Min Flow Rate: 0.1 x rated flow (past the motor)

Mains Supply To Pump: 1 x 230V or 3 x 208/230V or 3 x 440/460V (+ 6%/- 10%) 60 Hz

Complete Motor Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 4" (104 mm)

Installation Submergence: Max. MS4000 Max. 1,968' (600m)

See the [Motor Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for more specifications on a particular motor.

MPG 26

Temp. transmitter	P2 [HP]	Start Method	Model	Part Number	Price
3 x 440					
	2.00	DOL	MS4000	96511549	1,960
•	7.50	DOL	MS4000	96023153	3,303
1 x 230V60Hz					
	2.00	DOL	MS4000	96449947	1,315
	3.00	DOL	MS4000	96449948	2,058
	5.00	DOL	MS4000	96449949	2,850
3 x 208-230V60Hz					
	3.00	DOL	MS4000	96405801	1,650
	5.00	DOL	MS4000	96405802	2,575
•	7.50	DOL	MS4000	96405805	3,180
3 x 440-460V60Hz					
	3.00	DOL	MS4000	96405810	1,650
	5.00	DOL	MS4000	96405811	2,575
•	7.50	DOL	MS4000	96405814	3,180
•	10.00	DOL	MS4000	96440318	4,784

MS 6000C: 6" SUBMERSIBLE MOTORS

- Grundfos MS6000C submersible motors are designed for wells 6" in diameter or larger.
- Designed for deep well applications for lifting and pressurizing water supply.
- The MS6000C motor is offered in a Single-Phase and 3-Phase variance.
- Included with the motor is a sand shield, liquid-lubricated bearings, durable thrust bearing, pressure-equalizing diaphragm, and a 16' cable length.
- The Grundfos MS6000C products are asynchronous submersible motors ranging from 5 HP (3.7 kW) up to 40 HP (30 kW) in 60 Hz.

Liquid Temp: 40°F to 104°F (2°C to 40°C)

Min Flow Rate: 0.1 x rated flow (past the motor)

Mains Supply To Pump: 1 x 230V & 3 x 208/230V or 3 x 440/460V (+ 6%/- 10%) 60 Hz

Complete Motor Material: Stainless steel AISI 304

Minimum Well Diameter: Min. 6" (152 mm) **Installation Submergence:** Max. 2,010' (613m)



See the Motor Data Booklet or Grundfos Product Center (GPC) for more specifications on a particular motor.

MPG WG

Motor Diameter	Temp. transmitter	P2 [HP]	Start Method	Cable Length [ft]	Model	Part Number	Price
3 x 460							
6.0		60.00	DOL	26.3	MMS6ST40	99673485	11,851
1 x 230V60Hz							
6.0		5.00	DOL	16.5	MS6000QFXT40	99445229	2,967
6.0		7.50	DOL	16.5	MS6000QFXT40	99445230	3,590
6.0		10.00	DOL	16.5	MS6000QFXT40	99445231	3,992
6.0		15.00	DOL	16.5	MS6000QFXT40	99445232	5,189
3 x 440-460-480							
6.0		50.00	DOL	26.3	MMS6T50	99600226	9,050
3 x 208-220-230V60Hz							
6.0	•	5.00	DOL	16.5	MS6000QFT40	99225670	2,928
6.0	•	5.00	DOL	16.5	MS6000QFT60	99533636	3,804
6.0	•	7.50	DOL	16.5	MS6000QFT40	96166181	3,365
6.0	•	7.50	DOL	16.5	MS6000QFT60	99533637	4,205
6.0	•	10.00	DOL	16.5	MS6000QFT40	96166182	3,764
6.0	•	10.00	DOL	16.5	MS6000QFT60	99533638	4,701
6.0	•	15.00	DOL	16.5	MS6000QFT40	96166184	4,319
6.0	•	15.00	DOL	16.5	MS6000QFT60	99533640	5,400
6.0	•	20.00	DOL	16.5	MS6000QFT40	96166186	5,298
6.0	•	20.00	DOL	16.5	MS6000QFT60	99533642	6,624
6.0	•	25.00	DOL	16.5	MS6000QFT40	96166187	6,154
6.0	•	25.00	DOL	16.5	MS6000QFT60	99533643	7,691
6.0	•	30.00	DOL	16.5	MS6000QFT40	96166188	7,126
6.0	•	30.00	DOL	16.5	MS6000QFT60	99533644	8,908
3 x 440-460-480V60Hz							
6.0	•	5.00	DOL	16.5	MS6000QFT40	99225684	2,928
6.0	•	5.00	DOL	16.5	MS6000QFT60	99533617	3,804
6.0	•	7.50	DOL	16.5	MS6000QFT40	96166161	3,365
6.0	•	7.50	DOL	16.5	MS6000QFT60	99533618	4,205
6.0	•	10.00	DOL	16.5	MS6000QFT40	96166162	3,764
6.0	•	10.00	DOL	16.5	MS6000QFT60	99533619	4,701
6.0	•	15.00	DOL	16.5	MS6000QFT40	96166164	4,319
6.0	•	15.00	DOL	16.5	MS6000QFT60	99533621	5,400
6.0	•	20.00	DOL	16.5	MS6000QFT40	96166166	5,298
6.0	•	20.00	DOL	16.5	MS6000QFT60	99533633	6,624
6.0	•	25.00	DOL	16.5	MS6000QFT40	96166167	6,154
6.0	•	25.00	DOL	16.5	MS6000QFT60	99533634	7,691
6.0	•	30.00	DOL	16.5	MS6000QFT40	96166168	7,126
6.0	•	30.00	DOL	16.5	MS6000QFT60	99533635	8,908
6.0	•	40.00	DOL	16.5	MS6000QFT40	96166170	8,555

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MS 6000P

SUBMERSIBLE MOTORS ► SUBMERSIBLE MOTORS

MS 6000P: 6" SUBMERSIBLE MOTORS

- Grundfos MS6000P submersible motors are designed for wells 6" in diameter or larger.
- Designed for deep well applications for lifting and pressurizing water supply.
- The Grundfos MS6000P Permanent Magnet motor coupled with a CUE Variable Frequency Drive to soft start the motor generates world-class energy savings.
- While the Permanent Magnet Motor is running at 3600 RPM, it produces better pumping performances in the SPE.
- The product range is from SPE 855 through SPE 1100S pumps.
- The MS6000C motor is offered in a Single-Phase and 3-Phase variance.
- With an HP range from 5 HP (3.7kW) to 50 HP (37kW).
- Included with the motor is a sand shield, liquid-lubricated bearings, durable thrust bearing, pressure-equalizing diaphragm, and a 16' cable length.



Liquid Temp: 40°F to 140°F (2°C to 60°C)

Min Flow Rate: 0.1 x rated flow (past the motor)

Mains Supply To Pump: 3 x 440/460V (+ 6%/- 10%) 60 Hz

Complete Motor Material: Stainless steel AISI 304, Also available by special order in 316 and 904L

Minimum Well Diameter: Min. 6" (152 mm) **Installation Submergence:** Max. 2,010' (613m)

See the [Motor Data Booklet](#) or [Grundfos Product Center \(GPC\)](#) for more specifications on a particular motor.

MPG WG

Motor Diameter	Temp. transmitter	I [A]	Start Method	Model	Part Number	Price
3 x 410						
139.5		14.40	Star/Delta	MS6000P	99843438	5,876
139.5		34.20	Star/Delta	MS6000P	99843439	9,229
139.5		52.60	Star/Delta	MS6000P	99843440	10,740
139.5		72.60	Star/Delta	MS6000P	99843441	12,086

MS 8000: 8" SUBMERSIBLE MOTORS

Submersible motors for 8" or larger wells.

Liquid Temp: 40°F to 104°F (2°C to 40°C)

Min Flow Rate: 0.1 x rated flow (past the motor)

Mains Supply To Pump: 3 x 460V (+ 6%/- 10%) 60 Hz

Complete Motor Material: Cast Iron End Bells / Stainless steel AISI 304 or all 316SS

Minimum Well Diameter: Min. 8" (203 mm)



MPG WG

Motor Diameter	Temp. transmitter	P2 [HP]	I [A]	Start Method	Model	Part Number	Price
3 x 460							
8.0		125.00		DOL	MMS8000	99973373	42,358
8.0							
3 x 440-460-480							
8.0		40.00	57.6-55.7-54.3	DOL	MMS8000	99973360	11,716
8.0		40.00	57.6-55.7-54.3	DOL	MMS8000	99973368	20,184
8.0		50.00	70.7-69.2-69.0	DOL	MMS8000	99973361	12,227
8.0		50.00	70.7-69.2-69.0	DOL	MMS8000	96023219	O.R.
8.0		50.00	70.7-69.2-69.0	DOL	MMS8000	99973369	21,602
8.0		60.00	84.3-82.1-80.9	DOL	MMS8000	99973363	14,627
8.0		75.00	97.0-98-97.0	DOL	MMS8000	99973364	20,738
8.0		75.00	97.0-98-97.0	DOL	MMS8000	99973371	28,188
8.0		100.00	135-133-133	DOL	MMS8000	99973365	25,633
8.0		100.00	135-133-133	DOL	MMS8000	99973372	32,745
8.0		125.00	166-163-162	DOL	MMS8000	99973366	31,790
8.0		150.00	200-194-193	DOL	MMS8000	99973367	38,633

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MS 10000

SUBMERSIBLE MOTORS ► SUBMERSIBLE MOTORS

MS 10000: 10" SUBMERSIBLE MOTORS

Submersible motors for 10" or larger wells.

Liquid Temp: 40°F to 104°F (2°C to 40°C)

Min Flow Rate: 0.1 x rated flow (past the motor)

Mains Supply To Pump: 3 x 460V (+ 6%/- 10%) 60 Hz

Complete Motor Material: Cast Iron End Bells / Stainless steel AISI 304 or all 316SS

Minimum Well Diameter: Min. 10" (254 mm)



MPG WG

Motor Diameter	Temp. transmitter	P2 [HP]	I [A]	Start Method	Model	Part Number	Price
3 x 440-460-480							
10.0		180.00	249-246-248	DOL	MMS10000	96937300	50,072
10.0		180.00	249-246-248	DOL	MMS10000	96937303	62,651
10.0		200.00	284-286-295	DOL	MMS10000	96937302	54,887
10.0		200.00	284-286-295	DOL	MMS10000	96937304	63,738
10.0		260.00	367-374-390	DOL	MMS10000	95927316	63,738
10.0		260.00	367-374-390	DOL	MMS10000	96932582	78,296

Grundfos Connect

Bring visibility and performance monitoring to all your water infrastructure in a cost-effective and simple way.

Ensuring all your water infrastructure is up and running can be time-consuming and complex. And traditional solutions such as SCADA can be difficult and costly to implement into your current systems. Grundfos Connect offers a new cost-effective, secure cloud-based solution that can be self-installed and easily integrated into your existing systems.

Grundfos Connect gives you continuous remote monitoring and control of all your installed equipment from any device – allowing you to act in time to avoid costly breakdowns and reduce time spent on the road. Get real-time data and critical insights to optimize operational efficiency, improve maintenance planning, and lower operating costs.

Key Benefits



Monitoring 24/7

Secure peace of mind with continuous visibility of all your assets' performance with a cloud-based system accessed from your preferred device.



Be informed

Notifications alert you of potential issues so you can take preventive actions, avoid costly service interruptions, and secure operational performance.



Remote control

Spend less time on the road, increase service availability and reduce inspection costs by controlling and troubleshooting assets remotely.



Cost-efficient integration

Avoid costly setup and integration challenges with a cyber-secure self-service setup that provides a guided workflow for all actions.

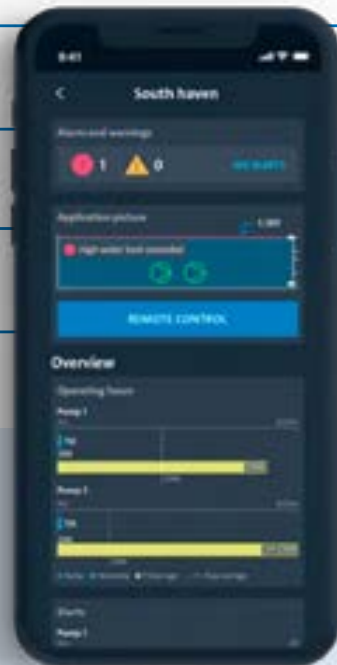
Take control of all your assets from any device

Simple and secure cloud-based system
Cyber-secure and easily implemented into your existing system and operations.

Performance overview of all your assets
Full and continuous overview of the performance status of your assets.

Reliable service & support
Easily access customer support and online how-to guides.

Access data records
Optimize system performance based on historical data.



Monitor your water infrastructure in one place
One platform to view the status of all your operating equipment from any device.

Remote access to installations
Control and monitor your water infrastructure from anywhere, anytime.

Optimize operational efficiency
Secure more efficient day-to-day operations of your water assets.

Alert management system
Automatic alerts inform you of any issues in your water infrastructure.

Suitable for:

- Drinking water treatment
- Flood control
- Irrigation
- Groundwater intake
- Solar water solutions
- Surface water intake
- Water distribution
- Wastewater treatment
- Wastewater transport

Are you ready to connect?



Book a free demo, request to be contacted or learn more by scanning the QR code

GRUNDFOS

Possibility in every drop

Control Box for 4-Inch 3-Wire Single Phase Motors

Size Reference	TYPE	HP	VOLTS	APPROX. SHIPPING WEIGHT (LBS)	ORDERING MATERIAL NUMBER (10 PACK)	ORDERING MATERIAL NUMBER (SINGLES)
Small	STD	1/2	115	2	98821580	-
Small	STD	1/2	230	2	98821631	-
Small	STD	3/4	230	2	98821632	-
Small	STD	1	230	2	98821633	-
Large	STD	1-1/2	230	2	-	98315254
Large	STD	2	230	6	-	98315256
Large	STD	3	230	6	-	98315258
Large	STD	5	230	7	-	98315260
Large	DLX	1-1/2	230	3	-	98315255
Large	DLX	2	230	6	-	98315257
XL	DLX	3	230	11	-	99053534
XL	DLX	5	230	12	-	99053535
XL	DLX	7-1/2	230	14	-	99053536
XL	DLX	10	230	15	-	99053537
XL	DLX	15	230	17	-	99053538

- 1/2 HP, 3/4 HP and 1HP control boxes are sold in 10 pack quantities. Order in multiples of 10 quantities.
- Deluxe Control Box (DLX) indicates magnetic starter included in addition to Standard Control Box (STD)

CUE ACCESSORIES / SmartFlo DRIVES / Control Box -

CONTROL AND MONITORING DEVICES ► CONTROL AND MONITORING DEVICES

CUE ACCESSORIES

MPG AI

Short description	Part Number	Price
Kit, Connection for CUE	97641449	188
MCB 114 I/O Module	96760901	579

SMARTFLO DRIVES: VARIABLE FREQUENCY

The SmartFlo Drives range covers the motor Service Factor Amp from 7.5 AMP to 30.8 AMPS.

Brings great energy savings by running the pump and motor as much as needed, reducing the Hz and power consumption. In addition, the SmartFlo Drives soft starts the motor, reducing the in-rush of power during start-up and motor protection features.

NEMA 4X / IP66 Outdoor Enclosure InPut Phase: Single-Phase or 3-Phase **OutPut Phase:** 3-Phase

MPG AI

Short description	Part Number	Price
CUE SmartFlo 15	99616632	2,534
CUE SmartFlo 20	99616633	2,956
CUE SmartFlo 30	99616634	3,774
CUE SmartFlo 50	99616635	4,873
CUE SmartFlo 75	92588566	6,433

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CONTROL BOX - SINGLE PHASE 3-WIRE MOTORS - SA-CSIR / SA-CSCR: STARTING UNITS FOR SINGLE PHASE SP PUMPS

MPG AS



Integrated thermal protection.

Enclosure class: IP55

All single-phase 3-Wire pumps require a Control Box (starter Box).

Short description	Part Number	Price
SA-SPM CSCR	98315254	280
SA-SPM CSCR	98315255	474
SA-SPM CSCR	98315256	478
SA-SPM CSCR	98315257	495
SA-SPM CSCR	98315258	541
SA-SPM CSCR	98315260	663
SA-SPM CSIR	98821580	188
SA-SPM CSIR	98821631	188
SA-SPM CSIR	98821632	196
SA-SPM CSIR	98821633	200
SA-SPM MS4000 3HP 230V 60Hz D UL	99053534	576
SA-SPM MS6000 5HP 230V 60Hz D UL	99053535	714
SA-SPM MS6000 10HP 230V 60Hz D UL	99053537	1,661
SA-SPM MS6000 15HP 230V 60Hz D UL	99053538	2,356
SA-SPM MS6000 7.5HP 230V 60Hz D UL	99053536	1,168

MP 204 Protection Unit / CURRENT TRANSFORMES

CONTROL AND MONITORING DEVICES

MP 204 PROTECTION UNIT

MPG WE



MP 204 is a motor protection that protects the motor primarily by measuring the motor current by means of a true RMS measurement. The MP 204 disconnects the contactor if, for example, the current exceeds the preset value. It can be used as a stand-alone or as incorporated in a for example Control DC.

Suitable for

- Drinking water treatment
- Flood control
- Ground water intake
- Surface water intake
- Water distribution
- Wastewater treatment
- Wastewater transport

Short description	Part Number	Price
MP 204 motor protector	96079927	1,124

CURRENT TRANSFORMES

MPG WE



Short description	Part Number	Price
Current transformer 300/5	96095275	396

MP 204 Protection Unit / CURRENT TRANSFORMES

MP 204 PROTECTION UNIT

MPG WE



MP 204 is a motor protection that protects the motor primarily by measuring the motor current by means of a true RMS measurement. The MP 204 disconnects the contactor if, for example, the current exceeds the preset value. It can be used as a stand-alone or as incorporated in a for example Control DC.

Suitable for

- Drinking water treatment
- Flood control
- Ground water intake
- Surface water intake
- Water distribution
- Wastewater treatment
- Wastewater transport

Short description	Part Number	Price
MP 204 motor protector	96079927	1,124.00

CURRENT TRANSFORMES

MPG WE



Short description	Part Number	Price
Current transformer 300/5	96095275	396.00

SP Accessories

ACCESSORIES FOR SUBMERSIBLE PUMPS ► MECHANICAL ACCESSORIES

SP ACCESSORIES: ACCESSORIES FOR SP PUMPS

Short description	Part Number	Price
Bolt Kit, MMS6 6" motors	98525460	42
Bolt Kit, MMS8000 8" motors	00UB9004	90
Bolt Kit, MMS10000 10" motors	1800028	132
Bolt Kit, MS6000C 6" motors	00UB9009	42
Nut Kit, 4" motors	00UB9000	27

6" MOTOR LEAD / SQ/SQE Cable Kits

ACCESSORIES FOR SUBMERSIBLE PUMPS

6" MOTOR LEAD: MOTOR CABLE/SPARE

MPG SD

Short description	Part Number	Price
Motor cable MS6000 4x1G8AWG16.5fe F	96164249	471

3-WIRE MOTOR CABLE KITS: 3-WIRE MOTOR CABLE KITS

MPG SD



Kit includes: Electrical drop cable, stainless steel safety cable and two (2)x cable clamps Suitable for 3-Wire motors in the Grundfos SP range of Pumps.

Confirm voltage drop prior to ordering. Refer to SP Databook in Grundfos Product Center for details.

Short description	Part Number	Price
THHN 14awg 48" 3wire packaged	96011079	63
THHN 14awg 100" 3wire	96011080	90

Motor Nut/ Bolt Kits (SP 4" and 6") For attaching Pump to Motor

Effective 1 Jan 2024

MATERIAL NUMBER	DESCRIPTION	LIST PRICE (\$)
5S TO 75S		
00UB9000	Nut Kit, 4" motors	\$26
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41

85S		
00UB9000	Nut Kit, 4" motors	\$26
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

150S		
00UB9000	Nut Kit, 4" motors	\$26
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

230S		
00UB9000	Nut Kit, 4" motors	\$26
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

300S		
00UB9000	Nut Kit, 4" motors	\$26
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

MATERIAL NUMBER	DESCRIPTION	LIST PRICE (\$)
385S		
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

475S		
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

625S		
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

800S		
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87

1100S		
00UB9009	Bolt Kit, MS6000C 6" motors	\$41
98525460	Bolt Kit, MMS6 6" motors	\$41
00UB9004	Bolt Kit, MMS8000 8" motors	\$87
1800028	Bolt Kit, MMS10000 10" motors	\$128

3-WIRE MOTOR CABLE KITS / 6" MOTOR LEAD / SQ/SQE

ACCESSORIES FOR SUBMERSIBLE PUMPS ► ELECTRICAL ACCESSORIES

3-WIRE MOTOR CABLE KITS: 3-WIRE MOTOR CABLE KITS

Kit includes: Electrical drop cable, stainless steel safety cable and two (2)x cable clamps Suitable for 3-Wire motors in the Grundfos SP range of Pumps.

Confirm voltage drop prior to ordering. Refer to SP Databook in Grundfos Product Center for details.



MPG SD

Short description	Part Number	Price
THHN 14awg 48" 3wire packaged	96011079	63
THHN 14awg 100" 3wire	96011080	90

6" MOTOR LEAD: MOTOR CABLE/SPARE



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MPG SD

Short description	Part Number	Price
Motor cable MS6000 4x1G8AWG16.5fe F	96164249	471

SQ/SQE CABLE KITS: SUBMERSIBLE DROP CABLE FOR SQ, SQ-N, SQE, SQE-N

MPG SD



Type of cable:

- EPR 3 x 1.5 mm², screened
- one cable length with motor plug, packed
- 4 screws (M4) for fitting of plug
- 2 screws (M3 x 6) for fitting of cable guard to suction strainer.

Short description	Part Number	Price
THHN 14awg 48" 2 wire packaged	96011078	63

Centrifugal Pump Tests

Effective 1 Jan 2024

Please verify prices with Grundfos when you order, prices are NET PRICE (no multipliers or discounts apply). Pump Tests to be separate line item on purchase order.

TEST TYPE	NET PRICE	PUMP TYPES
Verified Performance Test	\$720	SP, CR, TP, CRK, SPK, MTR
Hydrostatic Test	\$600	CR
Witnessed Verified Performance Test	\$970	SP, CR, TP, CRK, SPK, MTR
Witnessed Hydrostatic Test	\$900	CR
Vibration Test	\$1,570	CR
Witnessed Vibration Test	\$1,900	CR

Notes

1. For pump types not listed consult factory.
2. Extra delivery time will normally be required.
3. A test report will be shipped with the pump.
4. Pumps are tested in accordance to manufacture specifications in Fresno CA.
5. Pumps are tested in accordance to ISO 9906: 2012 Grade 3B are tested in Denmark requiring much longer lead times. Consult factory for lead time.
6. Vibration test is in accordance with ISO 10816 are tested in Denmark requiring much longer lead times. Consult factory for lead time.

STANDARD FACTORY PUMP PERFORMANCE TESTS

The Grundfos factory tests virtually every pump for proper performance during the production process and there are only very rare exceptions to this rule (e.g. 50Hz submersible pumps, which requires an additional cost). The factory uses calibrated measurement equipment to perform the tests, and both Grundfos New SP pumps testing procedures in Fresno CA, is performed to manufacturing standards. The ISO 9006 test procedures are strictly followed in Denmark only. Consult factory for lead time regarding ISO 9906 testing in Denmark. Pump performance is typically measured at two or three pre-defined flow points (gpm) throughout the performance range of the pump, and the resulting total dynamic head (feet), voltage (Volts) and current (Amperes) for each flow point is measured. The test criterion is 'pass/fail' and the actual test values are not documented or provided with the purchase of the pump. If actual test values need to be documented for a specific pump, a verified pump performance test is required. The standard factory pump performance test is performed on every pump on the production line and is included free with the purchase of the pump (no additional charge). Used/installed SP pumps can not be tested.

VERIFIED NEW / UNINSTALLED PUMP PERFORMANCE TESTS (PERFORMED AT THE FACTORY)

The Grundfos factory will conduct a verified performance test to measure and document the performance of a specific pump. The factory uses calibrated measurement equipment to perform the tests. Pump performance is measured at a minimum of five flow points (gpm) throughout the operating range of the pump, and the resulting total dynamic head (feet), voltage (Volts) and current (Amperes) at each flow point is measured and recorded. The results are documented in a test report and forwarded to the appropriate contact person of the company purchasing the pump. A verified test number is engraved or stamped on or near the pump nameplate, and this number will also appear on the test report. Please note that the factory will only conduct a verified pump performance test on SP PUMP ENDS ONLY (pumps (pumps without motors). If a verified test is required on a pump end only, the test will need to be accomplished through the Grundfos Service Department. SP pump ends only test results are with a test motor and install site performance may vary from the verified test values as the install site has a different motor. Verified tests requests should be made at the time of order of new product as a unique material number is generated for verified tested pumps. Charges only apply to products which have not yet shipped and the verified test are requested at time order is placed.

VERIFIED PUMP PERFORMANCE TESTS (THROUGH THE SERVICE DEPARTMENT)

Grundfos Service Department can also perform verified pump performance. These tests are typically done on pumps that are in the Service Department for repair or modifications, but can also be done on new pumps (such as pump ends) through the 'Interspeed' Program. The Service Department uses calibrated measurement equipment to perform the tests and both Grundfos Pumps and ISO test procedures are strictly followed. Pump performance is measured at a minimum of five flow points (gpm) throughout the operating range of the pump, and the resulting total dynamic head (feet), voltage (Volts) and current (Amperes) at each flow point is measured and recorded. The results are documented in a test report and forwarded to the appropriate contact person of the company purchasing the pump. A verified test number is engraved or stamped on or near the pump nameplate, and this number will also appear on the test report.

WITNESSED VERIFIED PUMP PERFORMANCE TEST

A representative of the company purchasing the pump physically goes to the Grundfos factory or Service Department to witness the test.

HYDROSTATIC TEST

The Grundfos factory will perform a static pressure test and document the results for a specific pump. The pump is filled with water and pressurized to 1.5 times (1.1 times for pumps with thermoset parts) the published maximum working pressure, and the pump is not in operation during this test. The pressure will be maintained for ten minutes with no material defects or leakage (slight leakage around the mechanical seal is acceptable). The results are documented in a test report and forwarded to the appropriate contact person of the company purchasing the pump. A hydrostatic test number will be engraved or stamped on or near the pump nameplate and this number will appear on the test report. Please note that hydrostatic tests are not available for submersible pumps.

RENEWABLES



Submersibles

This section of the Grundfos Product Price Book covers the full range of submersible renewable products. For pricing on any custom-built pump outside of our standard range, please contact your Grundfos Account Manager or your nearest Grundfos Sales Office.

SQFlex is the perfect sustainable, reliable and cost-effective alternative to other water supply solutions in remote locations. It provides tailored solutions to water problems where conventional water supply systems fail or simply cannot reach.

The complete SQF pump range consists of a number of pump size:

- 5 helical rotor pumps for high heads and low flows
- 8 centrifugal pumps for shallow heads and high flow
- 3 centrifugal pumps for medium head and medium flow

“reliable and cost-effective alternative to other water supply solutions”

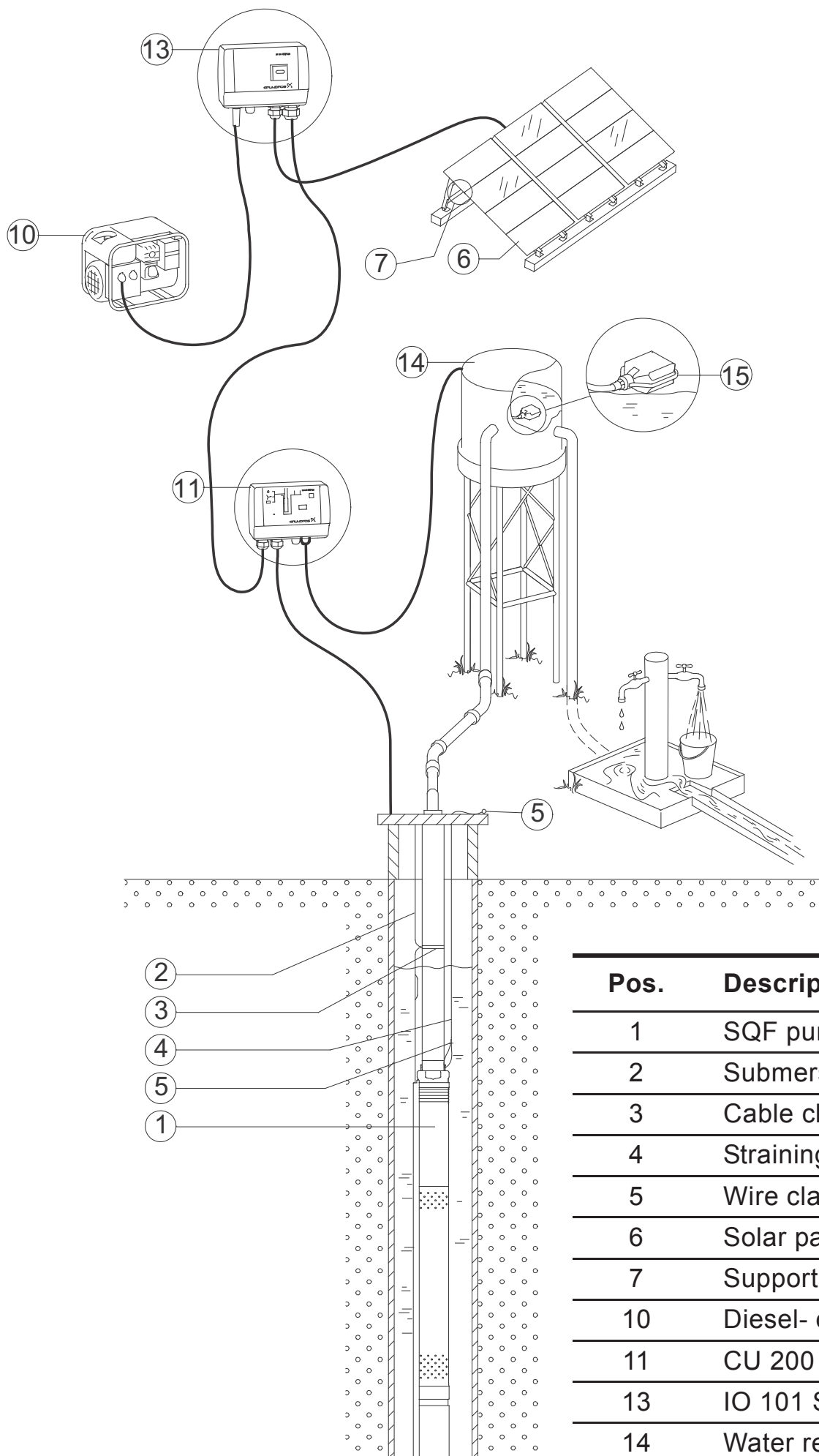


FEATURES & BENEFITS

- Virtually maintenance free
- Dry running protection
- Wide voltage range on AC/DC power
- Use on Solar, Mains Generator and Battery back-up

APPLICATIONS

- Livestock water supply
- Pressure Boosting
- Water supply for off-grid homes
- Water transfer



Pos.	Description
1	SQF pump
2	Submersible drop cable
3	Cable clips
4	Straining wire
5	Wire clamps
6	Solar panels
7	Support structure
10	Diesel- or petrol-driven generator
11	CU 200 SQFlex control unit
13	IO 101 SQFlex switch box
14	Water reservoir
15	Level switch

SQFlex Base Mount Anodes

The Grundfos SQFlex pump has been a proven performer in a wide range of solar applications since its introduction in 2002.

When installed in aggressive water conditions, such as for pumping water high in salinity, the stainless steel can be attacked, reducing the life expectancy of the product.

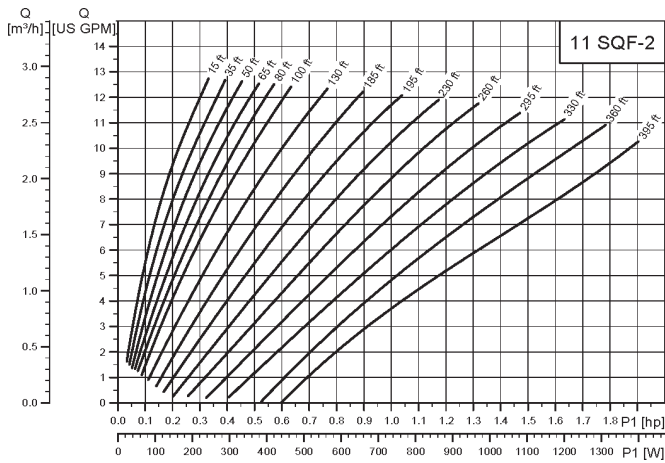
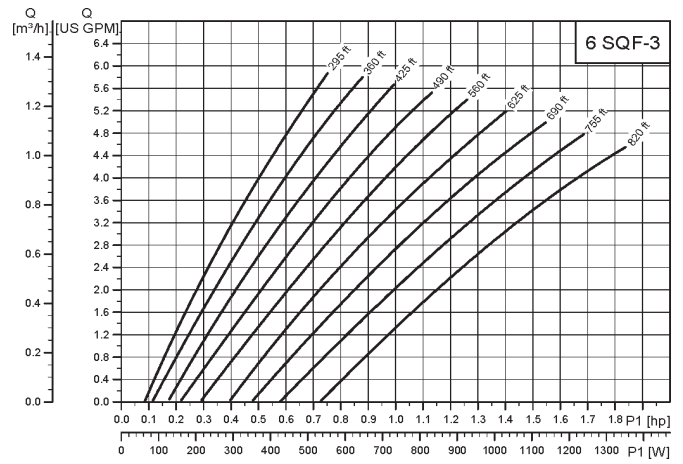
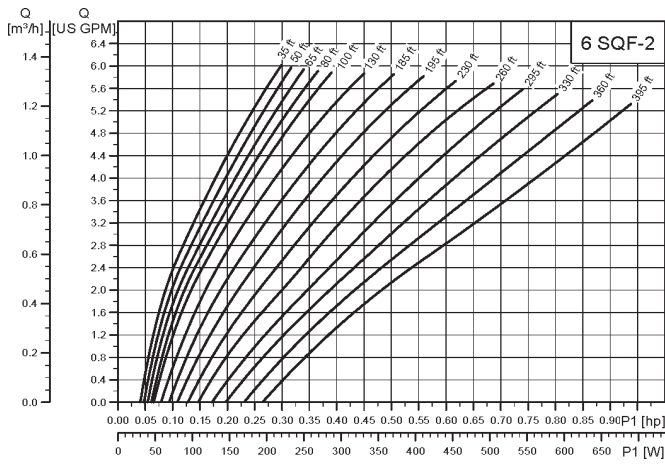
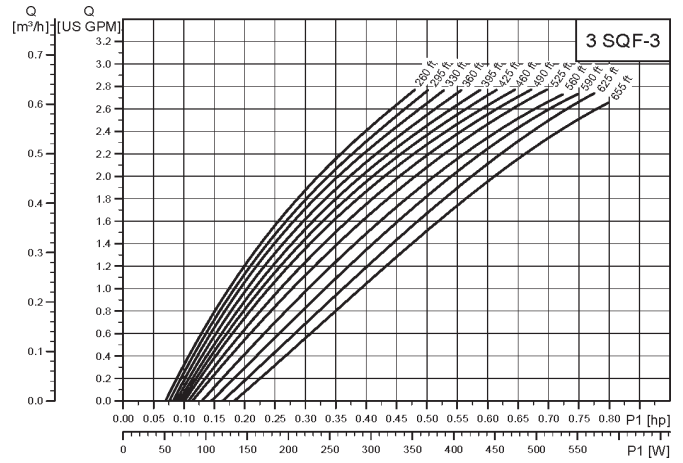
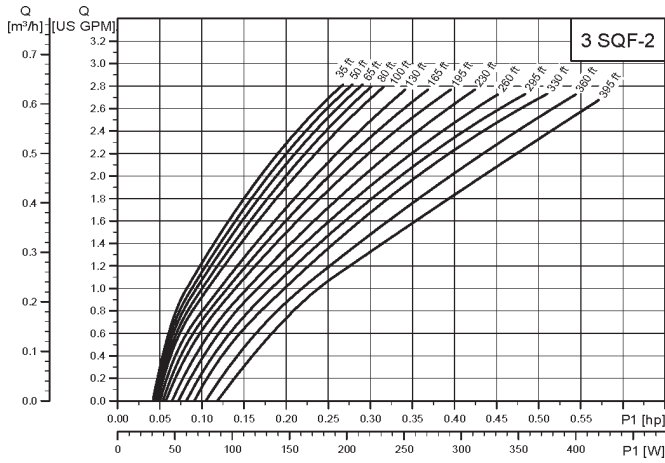
To protect the pump against the effects of corrosion in aggressive water conditions, Grundfos has introduced a base mount anode.

The anode will not change pump diameter or interfere with the electrical cable.



MAINTENANCE

- Inspect after 6 months to determine wear
- Implement maintenance program
- Anodes will need to be replaced over time (depleted anodes provide no corrosion protection)
- Pumps should run during all daylight hours to avoid stagnate water
- Ensure good earthing to avoid stray DC currents
- For further information, contact your Grundfos Account Manager



SQ FLEX - HELICAL ROTOR

SOLAR SUBMERSIBLE PUMPS ► HELICAL ROTOR SOLAR SUBMERSIBLE

SQ FLEX - HELICAL ROTOR: 3" SUBMERSIBLE SOLAR PUMPS - HELICAL ROTOR

- Grundfos SQFlex system is a reliable water supply system based on renewable energy sources of solar panels, wind turbine, generator, or batteries .
- Off the power grid eliminates power consumption and costs.
- Helical Rotor design allows for pumping water from deeper wells

Incorporates an SQFlex submersible pump with integrated motor protections:

- Dry-Running protection, with an integrated level electrode placed on the motor cable, 1' to 2' (0.3 m to 0.6 m) above the pump (depending on model)
- Over-Voltage (DC 438 V - 318 V AC) Overload protection preventing burnout: if the speed falls below 500 RPM, the motor stops automatically for 30 seconds & automatically attempts to restart
- Over-Temperature protection: if the internal motor temperature rises above 185°F (85°C) motor is cut out and restarts only in case it drops below 167°F (75C)
- For increased robustness in aggressive water conditions, all SQ Flex pumps can be pre-fitted with a zinc base mount anode for increased corrosion resistance.



Liquid Temperature : 35°F to 104°F (2°C to +40°C) when flow past the motor > 0.66 GPM (0.15 m/sec)

Pump Material : Stainless Steel AISI 304

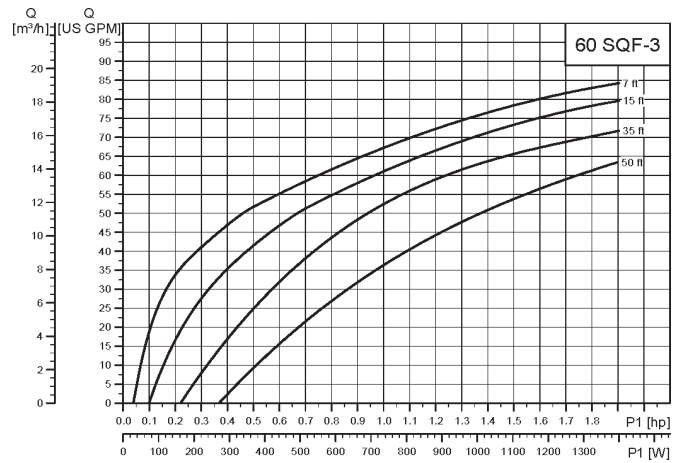
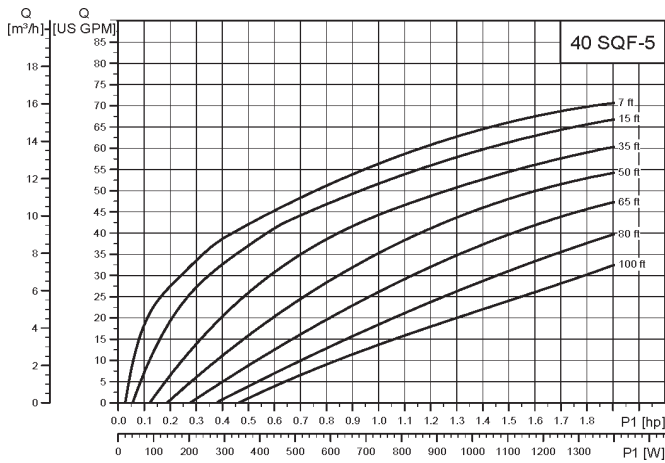
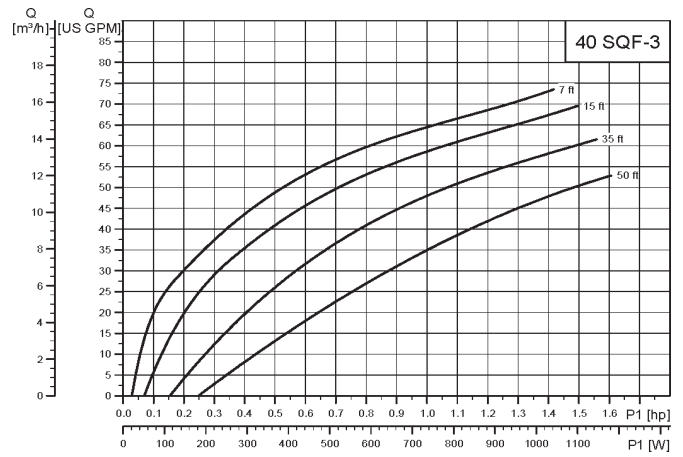
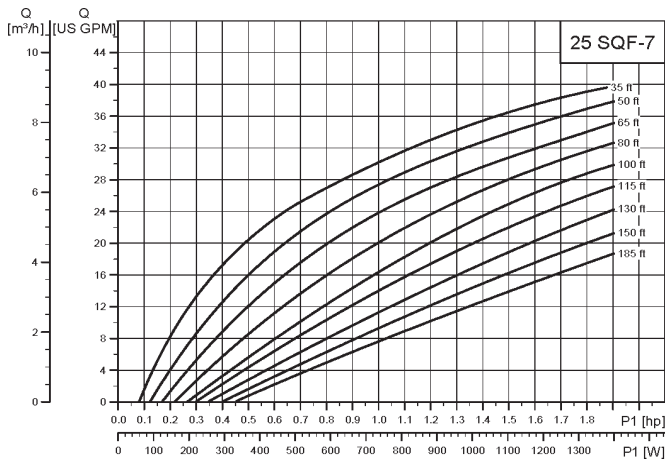
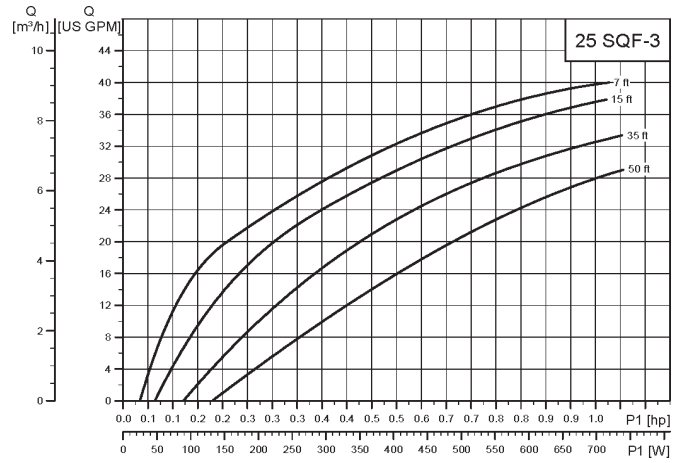
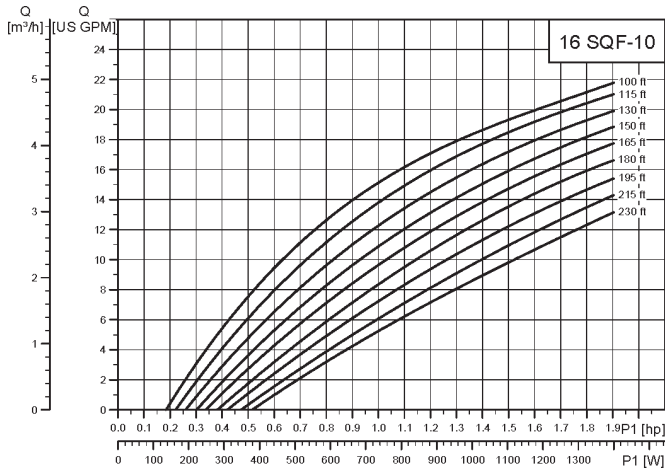
Electrical Boxes : IO 50, IO 101, and CU 200 (CU 202 coming in 2024)

Electric Power : Any voltage from 1 x 90-240 Volt (-10%/+6%, 50 Hz) VAC or 30-300 VDC, Max. current 8.4A

See the SQFlex Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WF

Min borehole dia "	I [A]	Outlet type	Discharge [inch]	Stainless steel		
				Model	Part Number	Price
3	8.4	NPT(M)	1	3 SQF-2	95027332	5,150
3	8.4			3 SQF-3	95027333	5,150
3	8.4			6 SQF-2	95027334	5,150
3	8.4			6 SQF-3	96834840	5,152
3	8.4			11 SQF-2	95027335	5,150
3	8.4				1 1/4	



SQ FLEX - CENTRIFUGAL / SQ FLEX

SOLAR SUBMERSIBLE PUMPS ► CENTRIFUGAL SOLAR SUBMERSIBLE

SQ FLEX - CENTRIFUGAL: 3" SUBMERSIBLE SOLAR PUMPS - CENTRIFUGAL

- Grundfos SQFlex system is a reliable water supply system based on renewable energy sources of solar panels, wind turbine, generator, or batteries.
- Off the power grid eliminates power consumption and costs.
- The centrifugal design allows for pumping water at a larger Gallon Per Minute (Cubic Meters Per Hour).

Incorporates an SQFlex submersible pump with integrated motor protections:

- Dry-Running protection, with an integrated level electrode placed on the motor cable, 1' to 2' (0.3 m to 0.6 m) above the pump (depending on model)
- Over-Voltage (DC 438 V - 318 V AC) Overload protection preventing burnout: if the speed falls below 500 RPM, the motor stops automatically for 30 seconds & automatically attempts to restart
- Over-Temperature protection: if the internal motor temperature rises above 185°F (85 ° C) motor is cut out and restarts only in case it drops below 167 ° F (75°C)
- For increased robustness in aggressive water conditions, all SQ Flex pumps can be pre-fitted with a zinc base mount anode for increased corrosion resistance.



Liquid Temperature : 35°F to 104°F (2°C to +40°C) when flow past the motor > 0.66 GPM (0.15 m/sec)

Pump Material : Stainless Steel AISI 304

Electrical Boxes : IO 50, IO 101, and CU 200 (CU 202 coming in 2024)

Electric Power : Any voltage from 1 x 90-240 Volt (-10%/+6%, 50 Hz) VAC or 30-300 VDC, Max. current 8.4A

See the SQFlex Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WF

Min borehole dia "	I [A]	Outlet type	Discharge [inch]	Stainless steel		
				Model	Part Number	Price
3	8.4	NPT(M)	1 1/2	25 SQF-3	95027351	5,154
3	8.4			25 SQF-7	95027353	5,154
3	8.4		1 1/4	5 SQF-80	98842520	3,385
3	8.4			16 SQF-10	95027350	5,154

SQ FLEX: 4" SUBMERSIBLE SOLAR PUMPS - CENTRIFUGAL

Suitable for

- Livestock watering
- Livestock watering with solar solutions
- Agriculture solar solutions
- Solar boosting & water supply
- Municipal solar solutions
- Community water supply
- Community solar solutions
- Municipal solar solutions

Renewable energy submersible pumps with built in inverter for solar, wind and AC powersource. Runs on both AC and DC voltage.



MPG WF

Min borehole dia "	I [A]	Outlet type	Discharge [inch]	Stainless steel		
				Model	Part Number	Price
3	8.4	NPT(M)	2	45 SQF-3	98994951	5,152
3	8.4			77 SQF-3	98994964	5,152
3	8.4		1 1/2	35 SQF-4	98994960	5,152

SQ FLEX HIGH SPEED: 3" SUBMERSIBLE SOLAR PUMPS - CENTRIFUGAL

Grundfos SQFlex Large system is a reliable water supply system based on renewable energy sources (e.g. solar panels) and incorporates an SQF submersible pump with integrated motor protections.

Liquid temperature: 35°F (2°C) to 105° (40°C) when flow past the motor > .5 ft/sec (0.16 m/sec)

Pump Material : Stainless Steel AISI 304

Electrical Boxes : 1050, IO 101-B and CU 200 (CU 202 coming in 2024) and CIU 903

Electric Power: Any voltage from 1 x 90-240 Volt (-10%/+6%, 50 Hz) VAC or 100-300 VDC, PE with maximum current 12A

See the SQFlex High Speed Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.



MPG WF

Min borehole dia "	I [A]	Outlet type	Discharge [inch]	Stainless steel		
				Model	Part Number	Price
3	8.4	NPT(M)	1 1/4	5 SQF-200	99596874	5,002
3	12.5		1 1/2	22 SQF-220	99465259	5,643
3	12.5		1 1/4	30 SQF-160	99595463	5,643
3	12.5		1 1/4	15 SQF-290	99858157	5,643

SQ FLEX - PUMP END / SQ FLEX - PUMP END / SQ FLEX

SOLAR SUBMERSIBLE PUMPS ► CENTRIFUGAL SOLAR SUBMERSIBLE

SQ FLEX - PUMP END: 3" SUBMERSIBLE SOLAR PUMPS - HYDRAULIC END ONLY

Pump end only - motors available separately



MPG WF

Min borehole dia "	Outlet type	Discharge [inch]	Model	Part Number	Price
3	NPT(F)	1	3 SQF-2	95027407	1,997
3			3 SQF-3	95027410	1,997
3			6 SQF-2	95027413	1,997
3			6 SQF-3	96834837	1,997
3		1 1/2	11 SQF-2	95027416	1,997

SQ FLEX - PUMP END: 4" SUBMERSIBLE SOLAR PUMPS - CENTRIFUGAL

Pump end only - motors available separately



MPG WF

Min borehole dia "	Outlet type	Discharge [inch]	Model	Part Number	Price
3	NPT(F)	2	45 SQF-3	98994939	1,997
3			77 SQF-3	98994963	1,997
3		1 1/2	35 SQF-4	98994956	1,997

SQ FLEX MOTORS: FOR SUBMERSIBLE PUMPS

Motor only - Pumps sold separately.

MPG AS

I [A]	Model	Part Number	Price
8.4	MSF3 HS	98163731	4,599

Surface Mount

This section of the Grundfos Product Price Book covers the full range of surface mount renewable products. For pricing on any custom-built pump outside of our standard range, please contact your Grundfos Account Manager or your nearest Grundfos Sales Office.

Grundfos solar surface pumps provide the perfect sustainable, reliable and cost efficient alternative to irregular water supply solutions in remote locations.

These pumps provide individual solutions to water problems where conventional water supply systems fail or simply cannot reach.

Although the initial investment including solar panel is higher, the operating cost is minimal.



“These pumps provide individual solutions to water problems where conventional water supply systems fail or simply cannot reach.”

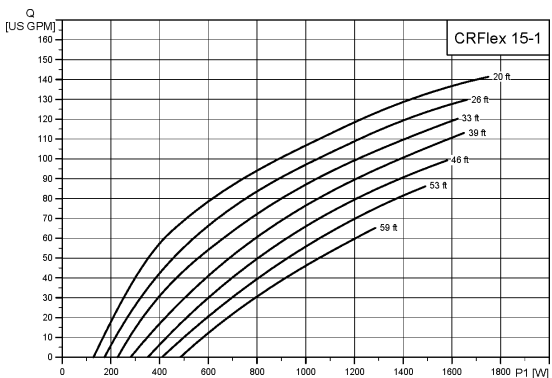
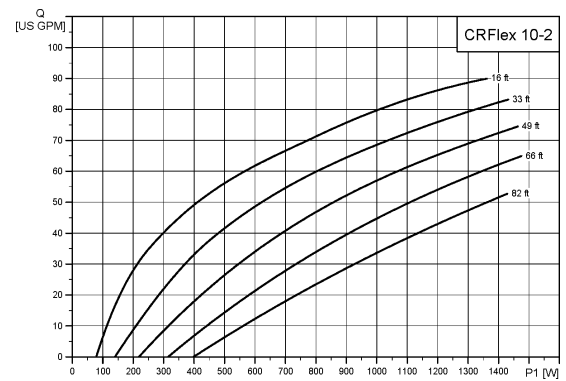
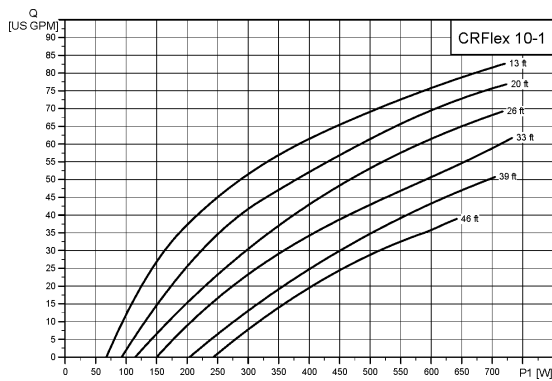
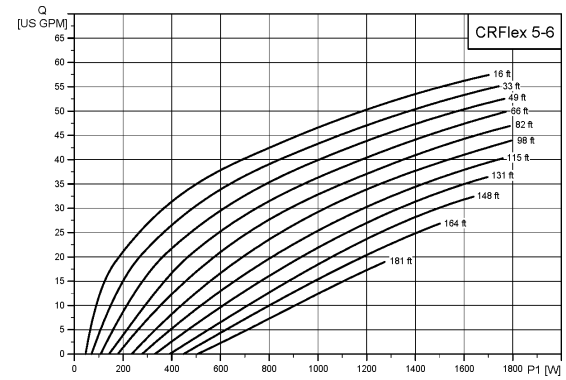
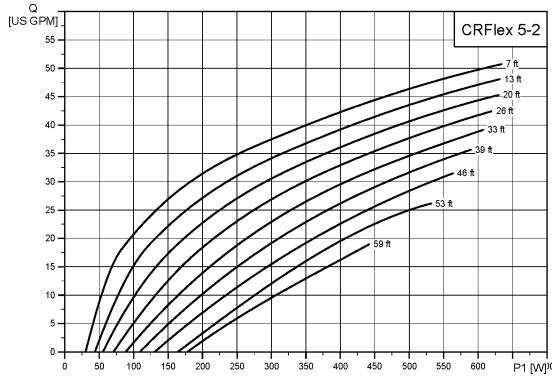
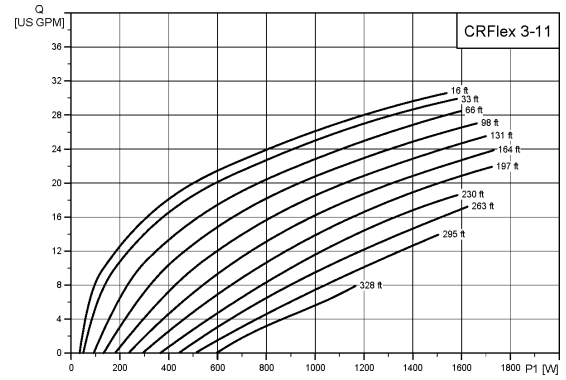
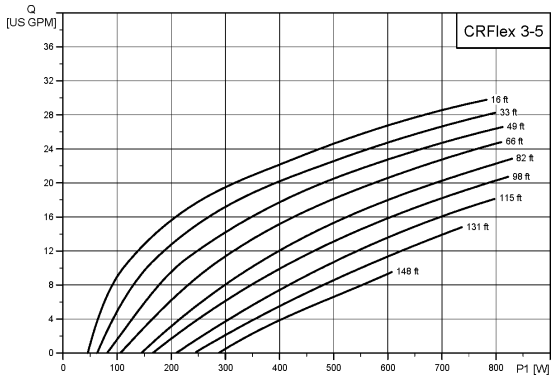
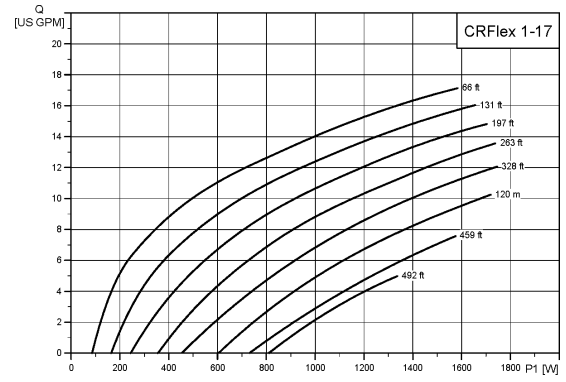
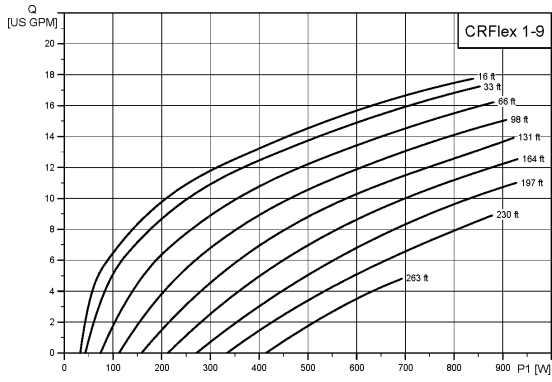
FEATURES & BENEFITS

- Operational voltage from 30 to 300 VDC or 90 to 240 VAC
- The motor continuously optimises the speed according to the input power available when connected to DC supply
- Overvoltage/ undervoltage protection

APPLICATIONS

- Livestock
- Pressure Boosting
- Water supply for cabins or off-grid homes

SOLAR SURFACE PUMPS ► SOLAR SURFACE PUMPS



CR FLEX: SOLAR SURFACE PUMPS

- The Grundfos CR Flex is a multi-stage centrifugal, in-line, non-self-priming surface pump specifically designed for water transfer, irrigation, and pressure boosting in solar-powered applications.

It is fitted with the advanced MG Flex variable frequency driven motor that offers the following features:

- Runs at varying speeds depending upon the energy input available.
- Flexible power sources that can be used on AC power from grid power, an AC generator, DC power supply from either PV solar panels, or wind turbine power supply as available.
- Built in protection for under and over voltage and system overload. No additional protection is therefore required.
- One set of terminals is included for either high or low-level control functions.
- CR Flex is a multi-stage centrifugal, in-line, non-self-priming surface pump specifically designed for water transfer, irrigation, and pressure boosting in solar-powered applications.
- Powered by the same 1250 W motor, providing a selection of head and flow outputs depending on the application.



Liquid temperature : 2°F to 120°F (35°C to +49°C)

Pump Material : Wetted components Stainless Steel AISI 316

Electrical Boxes : IO 50, IO 101

Electric Power : Any voltage from 1 x 90-240 Volt (-10%/+6%, 50 Hz) VAC or 30-300 VDC, Max. current 8.4A

See the CRFlex Data Booklet or Grundfos Product Center (GPC) for actual specifications on a particular pump.

MPG WF

P2 [HP]	I [A]	Model	Part Number	Price
1.00	4.6	CRF 1-9	98419320	4,681
1.00	4.6	CRF 3-5	98419327	4,536
1.00	4.6	CRF 5-2	98419329	4,384
2.00	8.9	CRF 5-6	98424476	5,460
1.00	4.6	CRF 10-1	98419330	5,435
2.00	8.9	CRF 10-2	98424480	6,270
2.00	8.9	CRF 1-17	98424448	6,413
2.00	8.9	CRF 15-1	98424484	6,954
2.00	8.9	CRF 3-11	98424474	5,779

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RSI

This section of the Grundfos Product Price Book covers the Grundfos Renewable Solar Inverter (RSI).

The Grundfos Renewable Solar Inverter (RSI) is an off-grid solar inverter converting the DC power output from the solar panel to AC power supply for pump operation.

RSI can be used in both new and existing systems as long as the motor specs are compatible and is suitable for use with a variable frequency drive.

RSI is AC and DC compatible. RSI can be connected to the grid or a generator as back-up power during solar panel disruptions.



“RSI can be used in both new and existing systems as long as the motor specs are compatible and is suitable for use with a variable frequency drive”

FEATURES & BENEFITS

- Setup wizard with Grundfos product library
- Overvoltage and undervoltage protection
- Overload protection
- No-load protection
- Operating history memory
- Enclosure class IP66

APPLICATIONS

- Designed for continuous and intermittent operation
- Suitable for various water supply systems
- Can be used in existing systems with submersible pumps or dry-installed pumps, thus providing a very wide range of applications allowing you to leverage renewable energy sources with the ability to back up the system with grid or generator power

RSI: RENEWABLE SOLAR INVERTER

RSI is an off-grid solar inverter converting the DC power output from the solar panels to an AC power supply for pump operation. The RSI can be used in both new and existing installations, only condition is that the pump and motor should be suitable for use with frequency converters.

- DC to three-phase AC conversion
- Functions well allowing greater HPs on solar panel arrays in Grundfos pumps SP and SPE pump installations.

RSI combined with various sensors can offer the following functions:

- Maximum power point tracking (MPPT)
- Connection to dry-running switch
- Connection to level switch
- Operating history inquiry

Ambient temperature: 14°F (-10°C) to 140°F (60°C)

Input voltage range (DC): 400-800 Volt from solar panel array

Output voltage range (AC): 3x380-440 Volt. Suitable for 3x380-440 Volt 3-Phase motor

Motor power: Up to 250 HP (335 kW)

Enclosure class: IP 66

See the RSI Brochure or Grundfos Product Center (GPC) for more specifications on a particular RSI.



MPG WE

Voltage	I [A]	Model	Part Number	Price
3 x 220	8.0	RSI 3x208-240V IP66 1.5kW 8A	99090622	4,965
	11.0	RSI 3x208-240V IP66 2.2kW 11A	99090633	5,271
	12.0	RSI 3x208-240V IP66 3kW 12.5A	99090634	5,116
	18.0	RSI 3x208-240V IP66 4kW 18A	99090635	5,348
	24.0	RSI 3x208-240V IP66 5.5kW 24.2A	99090636	5,644
	31.0	RSI 3x208-240V IP66 7.5kW 31A	99090637	6,019
	48.0	RSI 3x208-240V IP66 11kW 48A	99090638	6,019
	62.0	RSI 3x208-240V IP66 15kW 62A	99090639	6,930
	3 x 380	6.0	RSI 3x380-440V IP66 2.2kW 5.6A	99044348
10.0		RSI 3x380-440V IP66 4kW 9.6A	99044350	4,300
12.0		RSI 3x380-440V IP66 5.5kW 12A	99044351	4,486
16.0		RSI 3x380-440V IP66 7.5kW 16A	99044352	4,539
23.0		RSI 3x380-440V IP66 11kW 23A	99044363	4,706
31.0		RSI 3x380-440V IP66 15kW 31A	99044364	5,925
38.0		RSI 3x380-440V IP66 18.5kW 38A	99044365	6,336
46.0		RSI 3x380-440V IP66 22kW 46A	99044366	7,209
61.0		RSI 3x380-440V IP66 30kW 61A	99044367	8,481
72.0		RSI 3x380-440V IP66 37kW 72A	99044368	10,478

12

SOLAR CONTROL BOX AND ACCERORIES

RENEWABLE ACCESSORIES

SOLAR CONTROL BOX AND ACCERORIES

MPG AS



- IO 50 - On/Off switch box for DC power from solar panels
- IO 101 - 115 Volt On/Off switch box for power from panels, grid, or generator for all SQFlex pumps
- IO 101-B - 230 Volt On/Off switch box for power from panels, grid, or generator for large High Speed Models: 15 SQF-290, 22 SQF-220, and 30 SQF-160.
- CU 200 - Solar Control Unit pictured above with float switch connection provides control and status
- CU 200 - Controller for all SQFlex models when needed. Except for High Speed Models: 15 SQF-290, 22 SQF-220, and 30 SQF-160.
- CIU 903 - Requires GrundfosGO to configure pressure switch connection (standard or reverse acting) & speed control
- Level Control Float Switch (CU 200 only) 9.8'

Short description	Part Number	Price
CIU 903 interface unit for SQFlex	98106399	624
CU 200	96625360	1,108
IO 101 switch box (115V generator)	96481502	1,348
IO 101 switch box (230V generator)	96475074	1,348
IO50 Switch box, US, OTU16B4HS2	96959028	184
Plug N Play (V3) – “Solar Connect” Ready	92568276	O.R.

WASTEWATER PUMPS AND ACCESSORIES

SEG | SLV | SL1 | SEV | SE1 | SMD | SMG | AMG



USER GUIDE FOR THIS MODULE

Technical Characteristics

Product range displayed on page

Brief product description

Quick reference to Auto-Couplings

Free Passage & Outlet

Warranty details & any special certifications

Material Pricing Group (previously known as Discount Code)

Chapter number

Chapter & Page Number

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SLV (1.1 - 11kW)

SUBMERSIBLE WASTEWATER PUMPS ► SEWAGE PUMPS

SLV (1.1 - 11KW): WASTEWATER PUMPS FOR SUBMERGED INSTALLATION

Types of installation: Submerged installation on auto-coupling system, free-standing on ring stand
Product range:
 Standard version: Cast iron pump housing, impeller and motor cover EN-GIL-200/250
 Sensor version: Pump with PE1000 In the stator windings, WIO sensor & moisture switch in the motor
Material specifications:
 Q: Stainless steel impeller, pump housing and motor cover (top) acc. EN-GIL-200/250 R: Completely in stainless steel acc. EN 1.4408 S: Stainless steel pump housing, other parts in cast iron EN-GIL-250 (available for specific versions - on request)
 D: Stainless steel pump, EN 1.4517/1.4539 (available for specific versions - on request) > Explosion-proof motors for potentially explosive environments.
Motor: 2 pole (3.000 min⁻¹) or 4 pole (1.500 min⁻¹) > 3 phase 50 Hz motor with voltages : (OD: 380-415V, DOL / TD: 380-415V, Y/D / OE: 220-240 V, DOL / IE: 220 - 240 V, Y/D)

All pump types are designed for frequency converter operation > Maximum 20 starts per hour

Pumped liquid: pH value : 4-10
Liquid temperature: 0°C to + 40°C
Impeller: SuperVortex
Cable length: Standard 10 m - Alternative lengths: 15 m, 20 m, 25 m, 30 m, 40 m, 50m
 Screened cable for frequency converter available on request
Supply voltage: 3 x 400-415 Volt 50 Hz DOL
Motor protection: Thermal switch for pumps up to 3kW or Thermistors for pumps 4kW and above
Ex-protection standard: IEC 60079-1:2007-04, Class Ex d IIB T3/T4 Gb (without WIO sensor)
Auto-Couplings:
 SLV.XXX.65 use P/N 96090992
 SLV.XXX.80 use P/N 96090993 DN80 or P/N 96102240 DN100
 SLV.XXX.100 use P/N 96090994 DN100 or P/N 96102241 DN150



2 YEARS

Outlet size [mm]	P2 [kW]	I [A]	Moisture Sensor	Explosion proof	Product name	Part. No	Price
3 x 400-415V							
80	1.30	2.9	-	-	SLV.80.80.114.50B.C	98626016	5.381
80	1.30	3.8	-	-	SLV.80.80.114.4.50B.C	98626018	5.516
80	1.50	3.9	-	-	SLV.80.80.78.4.50B.C	98626022	5.587
80	2.20	5.4	-	-	SLV.80.80.22.4.50B.C	98626026	5.690
100	3.00	6.9	-	-	SLV.100.100.30.4.50B.C	98626008	7.191
3 x 400-415VD							
80	4.00	8.2	-	-	SLV.80.80.40.2.50B.C	98625945	6.875
80	4.00	9.6	-	-	SLV.80.80.40.4.50B.C	98625972	6.430
80	6.00	12.3	-	-	SLV.80.80.60.2.50B.C	98625947	8.438
80	7.50	14.9	-	-	SLV.80.80.75.2.50B.C	98625962	10.196
80	9.20	18.0	-	-	SLV.80.80.92.2.50B.C	98625964	10.743
80	11.00	21.6	-	-	SLV.80.80.70.2.50B.C	98625949	11.937
100	4.00	9.6	-	-	SLV.100.100.40.4.50B.C	98625974	7.707
100	5.50	10.9	-	-	SLV.100.100.55.4.50B.C	98626065	9.242
100	7.50	14.4	-	-	SLV.100.100.75.4.50B.C	98625989	11.216

MPG E1

Pos.	Description
1	CRFlex pump
2	Solar panels
3	Support structure
4	IO 50 switch box
5	Water reservoir
6	Level switch
7	Water pipe
8	Non-return valve

Australia only - prices effective 1 June 2023
 All prices are in AUD and are exclusive of GST.

GRUNDFOS 13.11

Please note that a freight charge applies to all products in this chapter.

For more information, refer to the Terms & Conditions of Sale.

Wastewater Controls – Dedicated Controls

Control up to six pumps in wastewater applications in main, network and pressurised pumping stations. A range of advanced features allow for system measurement and calculation, and integration with other monitoring, control and energy optimising equipment.

COMMUNICATION

Supports communication with monitoring equipment or other external units Communication Interface Module (CIM) via a number of different fieldbus protocols
Compatible with Grundfos Remote Management Communication using wired or wireless (GPRS/ GSM) networks to SCADA and BMS systems

COMPONENTS

The main components of the system Dedicated Controls are:

- CU 362 – control unit
- IO 351 – basic I/O module
- IO 113 – protection module for pumps sensors
- SM 113 – sensor module



BENEFITS

- The anti-clogging attributes of the flush and reverse function are unique to Dedicated Controls, as is the ability for continuous energy optimisation according to duty condition
- User-friendly display interface with an intuitive and easy-to-follow installation wizard and you can also choose your language
- In addition to a comprehensive range of basic features, defined inputs/outputs can be added for system functions specific for the pumping station

APPLICATIONS

- WASTEWATER TRANSPORT
- FLOOD CONTROL
- WASTEWATER TREATMENT

Small Wastewater

This section of the Grundfos Product Price Book covers the just part of the range of small wastewater pumps. To explore the full range, please contact your Grundfos Account Manager or Grundfos State office.

Grundfos have a long-standing reputation for being a world leader in the design and manufacture of the highest quality wastewater pumps. Our vast range of small wastewater pumps encompasses design features and innovations that set us well apart from our competitors.

Grundfos wastewater pumps incorporate innovative technologies to meet the challenges of modern wastewater while maximising hydraulic, electrical and mechanical efficiencies.



“Our vast range of small wastewater pumps encompasses design features and innovations that set us well apart from our competitors”

FEATURES & BENEFITS

- High pressure capabilities
- Flexible installation
- Easy to service & maintain

APPLICATIONS

- Draining of underground building pits
- Draining of Industrial pits
- Draining of Stormwater pits

SEG Type key

The type key covers the entire range of Grundfos SEG sewage grinder pumps. Each SEG pump can be identified by means of the type key.

Code	Example	SE	G	.40	.09	.Ex	.2	.1	.6	.03
Type range										
SE	Grundfos sewage pumps									
Impeller type										
G	Grinder system in the pump inlet									
Pump outlet										
40	Nominal diameter of pump outlet port [mm], DIN PN10 flange									
50										
K40	Nominal diameter of pump outlet port [mm]									
K50	JIS B 2239 10K, KS B 2332 10K, KS B 1511 10K flange									
Output power, P2										
09	P2 = code number for type designation / 10 [kW]									
Equipment in pump										
[]	Standard, without equipment									
Pump version										
[]	Non-explosion-proof pump, CSA-approved									
Ex	Explosion-proof motor, CSA and FM-approved									
Number of poles										
2	2-pole motor									
Number of phases										
1	Single-phase motor									
[]	Three-phase motor									
Frequency										
6	60 Hz									
Voltage										
03	208-230 V									
0G	380 V									
0H	460 V									
0M	200-230 V									
Z	Custom-built pump									

SUBMERSIBLE WASTEWATER PUMPS GRINDER PUMPS

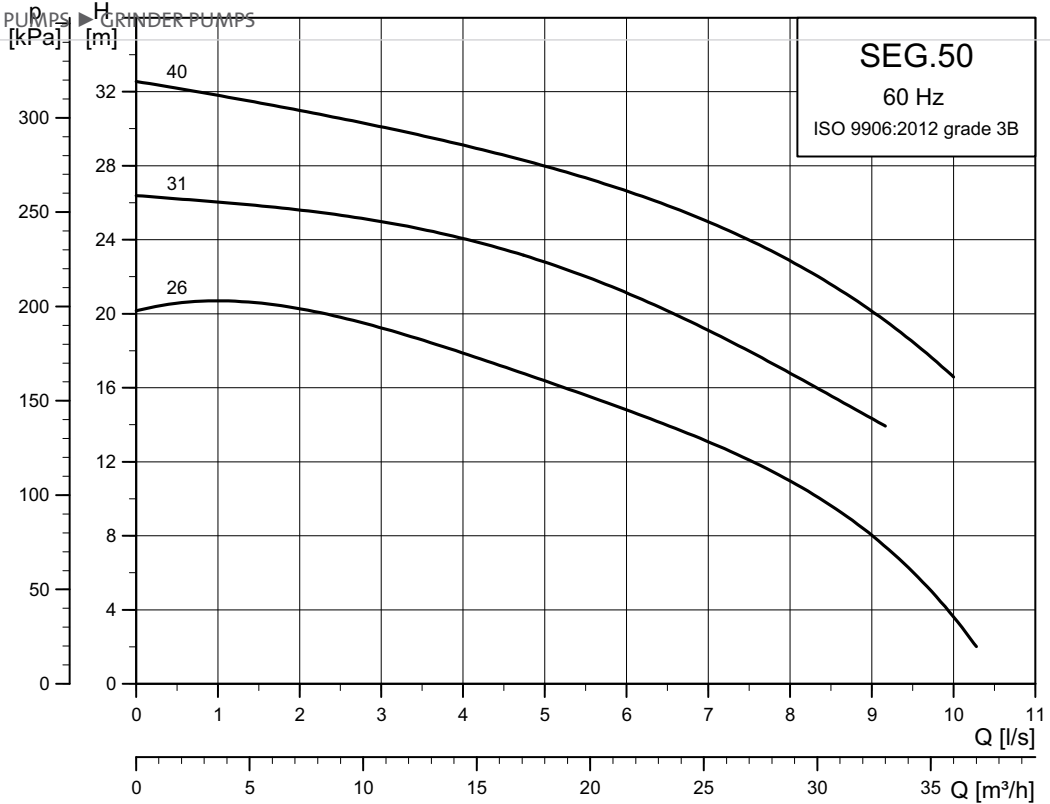


Fig. 4 Performance range for pump DN 50 outlet flange

Channel-impeller pumps	Curve number
SEG.50.26.(EX).2.60G/H/M	26
SEG.50.31.(EX).2.60G/H/M	31
SEG.50.40.(EX).2.60G/H/M	40

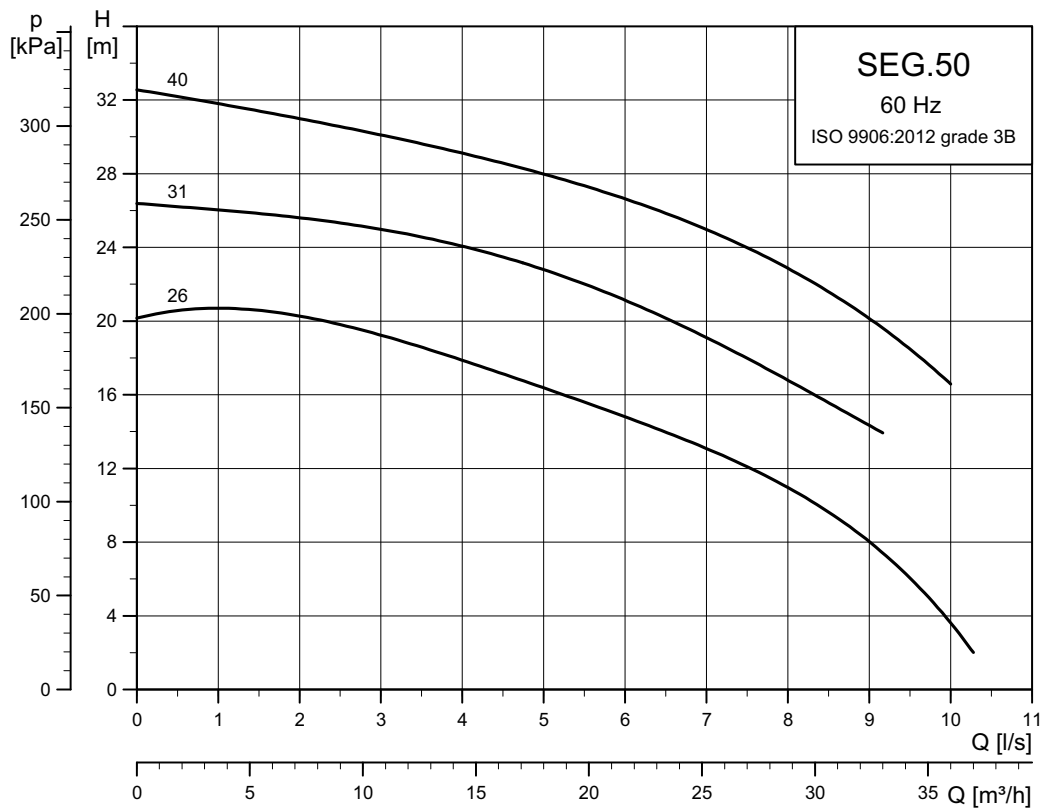


Fig. 4 Performance range for pump DN 50 outlet flange

Channel-impeller pumps	Curve number
SEG.50.26.(EX).2.60G/H/M	26
SEG.50.31.(EX).2.60G/H/M	31
SEG.50.40.(EX).2.60G/H/M	40

SEG (2 - 5.5HP): GRINDER PUMPS FOR SUBMERGED INSTALLATION

Grundfos SEG pumps are submersible pumps with horizontal discharge port, specifically designed for pressurized pumping of wastewater with discharge from toilets.

The SEG pumps are equipped with a grinder system, grinding destructible solids into small pieces so that they can be led away through pipes of a relatively small diameter.

The SEG pumps are ideal for use where gravity sewage systems are not available. Examples include small towns, farm areas, and areas with difficult topography, such as rocky terrains with large differences in levels, or any other area where a pressurized system offers advantages.

Types of Installation:

- **Submerged installation** on auto-coupling system, free-standing on ring stand

Product range variants:

Standard version: Cast iron pump housing, impeller, and motor cover, 2 thermal switches incorporated in the motor



Liquid temperature: 32°F to 104°F

Impeller type: Semi-Open with grinder system

Cable length: Standard 33 ft - Alternative lengths: 50 ft, 65 ft, 80 ft, 100 ft, 130 ft, and 165 ft, Screened cable for frequency converter available on request

Supply voltage: 1 x 230 V, 3 x 230 V, 3 x 460 V, 3 x 575 V (D) 60 Hz

Maximum installation depth: 33 ft

FM Approval (Explosion Proof): Class I, Division 1, Groups C and D hazardous locations, T3C, IP68.

Auto-Couplings: See accessories section

MPG WB

Outlet type	Discharge [inch]	P2 [HP]	Poles	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 460V								
ANSI	1 1/2	2.00	2		108.0300	SEG.A15.20.2.60H	98280869	2,656
ANSI	1 1/2	2.00	2	•	108.0300	SEG.A15.20.EX.2.60H	98280871	2,990
ANSI	1 1/2	3.00	2		108.0300	SEG.A15.30.2.60H	98280872	3,852
ANSI	1 1/2	3.00	2	•	108.0300	SEG.A15.30.EX.2.60H	98280873	4,184
ANSI	1 1/2	4.00	2		165.3500	SEG.A15.40.2.60H	98280877	4,052
ANSI	1 1/2	4.00	2	•	165.3500	SEG.A15.40.EX.2.60H	98280878	4,385
ANSI	1 1/2	5.50	2		112.4400	SEG.A15.55.2.60H	98280875	4,249
ANSI	1 1/2	5.50	2	•	112.4400	SEG.A15.55.EX.2.60H	98280876	4,583
ANSI	2	3.00	2		191.8000	SEG.A20.30.2.60H	98280879	3,919
ANSI	2	3.00	2	•	191.8000	SEG.A20.30.EX.2.60H	98280880	4,249
ANSI	2	4.00	2		191.8000	SEG.A20.40.2.60H	98280891	4,184
ANSI	2	4.00	2	•	191.8000	SEG.A20.40.EX.2.60H	98280892	4,451
ANSI	2	5.50	2		191.8000	SEG.A20.55.2.60H	98280893	4,318
ANSI	2	5.50	2	•	191.8000	SEG.A20.55.EX.2.60H	98280894	4,649
ANSI	1 1/2	1.60	2		108.0300	SEG.A15.20.R1.2.60H	98682386	2,656
ANSI	1 1/2	1.60	2	•	108.0300	SEG.A15.20.R1.EX.2.60H	98682396	2,990
ANSI	1 1/2	1.20	2		108.0300	SEG.A15.20.R2.2.60H	98682339	2,656
ANSI	1 1/2	1.20	2	•	108.0300	SEG.A15.20.R2.EX.2.60H	98682392	2,990
1 x 208-230								
ANSI	1 1/2	2.00	2		108.0300	SEG.A15.20.2.1.603	98280867	2,656
ANSI	1 1/2	2.00	2	•	108.0300	SEG.A15.20.EX.2.1.603	98280868	2,990
ANSI	1 1/2	1.60	2		110.2300	SEG.A15.20.R1.2.1.603	98682359	2,656
ANSI	1 1/2	1.60	2	•	110.2300	SEG.A15.20.R1.EX.2.1.603	98682395	2,990
ANSI	1 1/2	1.20	2		110.2300	SEG.A15.20.R2.2.1.603	98682338	2,656
ANSI	1 1/2	1.20	2	•	110.2300	SEG.A15.20.R2.EX.2.1.603	98682391	2,990
3 x 200-230								
ANSI	1 1/2	2.00	2		108.0300	SEG.A15.20.2.60M	98280851	2,656
ANSI	1 1/2	2.00	2	•	108.0300	SEG.A15.20.EX.2.60M	98280852	2,990
ANSI	1 1/2	3.00	2		108.0300	SEG.A15.30.2.60M	98280853	3,852

SEG (2 - 5.5HP)

SUBMERSIBLE WASTEWATER PUMPS ► GRINDER PUMPS

Continuation

Outlet type	Discharge [inch]	P2 [HP]	Poles	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
ANSI	1 1/2	3.00	2	•	108.0300	SEG.A15.30.EX.2.60M	98280854	4,184
ANSI	1 1/2	4.00	2		112.4400	SEG.A15.40.2.60M	98280855	4,052
ANSI	1 1/2	4.00	2	•	112.4400	SEG.A15.40.EX.2.60M	98280856	4,385
ANSI	1 1/2	5.50	2		165.3500	SEG.A15.55.2.60M	98280858	4,249
ANSI	1 1/2	5.50	2	•	165.3500	SEG.A15.55.EX.2.60M	98280860	4,583
ANSI	2	3.00	2		191.8000	SEG.A20.30.2.60M	98280861	3,919
ANSI	2	3.00	2	•	191.8000	SEG.A20.30.EX.2.60M	98280862	4,249
ANSI	2	4.00	2		191.8000	SEG.A20.40.2.60M	98280863	4,184
ANSI	2	4.00	2	•	191.8000	SEG.A20.40.EX.2.60M	98280864	4,451
ANSI	2	5.50	2		191.8000	SEG.A20.55.2.60M	98280865	4,318
ANSI	2	5.50	2	•	191.8000	SEG.A20.55.EX.2.60M	98280866	4,649
ANSI	1 1/2	1.60	2		108.0300	SEG.A15.20.R1.2.60M	98682389	2,656
ANSI	1 1/2	1.60	2	•	108.0300	SEG.A15.20.R1.EX.2.60M	98682397	2,990
ANSI	1 1/2	1.20	2		108.0300	SEG.A15.20.R2.2.60M	98682355	2,656

SL Type key

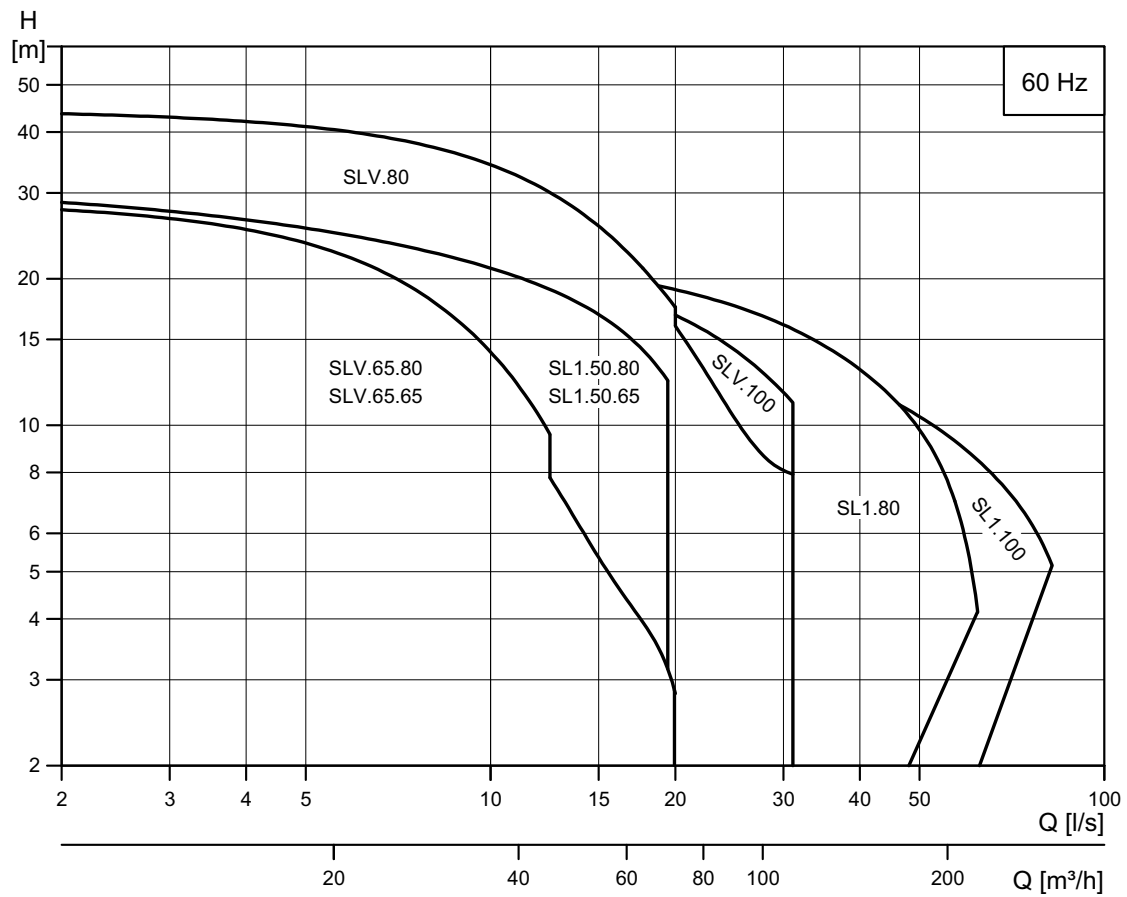
The pump can be identified by means of the type designation. The type designation is stated on the nameplate of the pump.

Example **SL1.30.A30.55.A.Ex.4.6.0D.A.Q.Z**

Code	Explanation	Designation
SL	Grundfos sewage/wastewater pump	Pump type
1	S-tube® impeller	Impeller type
V	SuperVortex (free-flow) impeller	
20	2" (50 mm)	Free spherical passage
25	2.5" (65 mm)	
30	3" (80 mm)	
40	4" (100 mm)	
A25	ANSI 2.5" (DN 65)	Pump outlet
A30	ANSI 3" (DN 80)	
A40	ANSI 4" (DN 100)	
A60	ANSI 6" (DN 150)	
55	Output power, P2 / 10 55 = 5.5 hp (4.0 kW)	Power [kW]
[]	Standard	Sensor version
A	Sensor version	
2	2-pole	Number of poles
4	4-pole	
[]	Non-explosion-proof pump, standard	Pump version
Ex	Explosion-proof pump	
6	60 Hz	Frequency [Hz]
0J	3 x 208 V Δ, direct-on-line starting	Voltage code and starting method
1H	3 x 460 V Δ standard, star-delta starting	
0L	3 x 575 V Δ, direct-on-line starting	
1L	3 x 575 V Δ, star-delta starting	
1R	3 x 230 V Δ / 460 V Y, direct-on-line starting	Generation
[]	1st generation	
A	2nd generation	
B	3rd generation	
C	4th generation	Pump material
[]	Complete pump in cast iron	
Q	Cast iron pump with stainless steel impeller	Customization
[]	Pump in standard range	
Z	Custom-built pump	

Note: The pump types are not available in all variants.

Performance range



SL 1 (1.5 - 15HP): WASTEWATER PUMPS FOR SUBMERGED INSTALLATION

The SL1 pumps are equipped with a S-tube® impeller pumps specifically designed for pumping sewage and wastewater in a wide range of municipal, private and industrial applications.

The pumps are made of resistant materials, such as cast iron and stainless steel. These materials ensure long and reliable operation.

The pumps are fitted with motors from 1.5 hp up to and including 15 hp (1.1 to 11 kW). The motors are either 2- or 4-pole motors, depending on the motor size. The free passage in the pumps is 2-4" (50-100 mm)

The pumps are available for:

- submerged installation on auto-coupling system
- submerged installation, free-standing.

All pump types are designed for frequency converter operation, maximum 20 starts per hour.

Applications

Typical applications are transfer of liquids, such as:

- municipal wastewater
- wastewater with a high content of fibers (SuperVortex impeller)
- drainage and surface water
- domestic wastewater
- industrial wastewater
- process and cooling water.

The pumps are ideal for pumping the above liquids from for instance:

- municipal network pumping stations
- inlet pumping stations in wastewater treatment plants
- primary clarification in wastewater treatment plants
- secondary clarification in wastewater treatment plants
- stormwater pumping stations
- public buildings
- residential buildings
- factories/industry

Pumped liquid: pH value: 4-10

Liquid temperature: 32°F to 104°F

Impeller type: S-tube®

Cable length: Standard 49 ft - Alternative lengths: 33 ft, 65 ft, 80 ft, 100 ft, 130 ft, Screened cable for frequency converter available on request

Supply voltage: 3 x 208 V (D), 3 x 230/460 V (DOL)

FM Approval (Explosion Proof): Class I, Division 1, Groups C and D, T4, T3C*, IP68

Auto-Couplings: See accessories section

Vertical Stands: See accessories section



MPG WA

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 208-230								
2.00	4	3	•	•	241	SL1.30.A30.20.EX.4.60J.C	99034807	7,918
2.00	4	3	•	•	257	SL1.30.A30.20.A.EX.4.60J.C	99034821	8,111
2.00	4	4	•	•	243	SL1.30.A40.20.EX.4.60J.C	99034808	8,046
2.00	4	4	•	•	261	SL1.30.A40.20.A.EX.4.60J.C	99034822	8,238
3.00	2	3	•	•	189	SL1.20.A30.30.EX.2.60J.C	99034409	6,896
3.00	2	3	•	•	203	SL1.20.A30.30.A.EX.2.60J.C	99034408	7,090
3.00	2	2 1/2	•	•	169	SL1.20.A25.30.EX.2.60J.C	99034398	6,768
3.00	2	2 1/2	•	•	185	SL1.20.A25.30.A.EX.2.60J.C	99034397	6,961
3.00	4	3	•	•	264	SL1.30.A30.30.EX.4.60J.C	99034725	8,111
3.00	4	3	•	•	277	SL1.30.A30.30.A.EX.4.60J.C	99034724	8,301
3.00	4	4	•	•	284	SL1.30.A40.30.EX.4.60J.C	99034735	8,238
3.00	4	4	•	•	298	SL1.30.A40.30.A.EX.4.60J.C	99034734	8,429
4.00	2	3	•	•	212	SL1.20.A30.40.A.EX.2.60J.C	99034412	7,280
4.00	2	3	•	•	252	SL1.20.A30.40.EX.2.60J.C	99034709	7,090
4.00	2	2 1/2	•	•	194	SL1.20.A25.40.A.EX.2.60J.C	99034401	7,132
4.00	2	2 1/2	•	•	232	SL1.20.A25.40.EX.2.60J.C	99034402	6,961
4.00	4	3	•	•	331	SL1.30.A30.40.EX.4.60J.C	99034727	9,004
4.00	4	3	•	•	358	SL1.30.A30.40.A.EX.4.60J.C	99034726	9,196

SL 1 (1.5 - 15HP)

SUBMERSIBLE WASTEWATER PUMPS ► SEWAGE PUMPS

Continuation

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
4.00	4	4	•	•	333	SL1.30.A40.40.EX.4.60J.C	99034737	9,117
4.00	4	4	•	•	360	SL1.30.A40.40.A.EX.4.60J.C	99034736	9,323
5.50	2	3	•	•	275	SL1.20.A30.55.A.EX.2.60J.C	99034415	7,472
5.50	2	3	•	•	331	SL1.20.A30.55.EX.2.60J.C	99034711	7,280
5.50	2	2 1/2	•	•	325	SL1.20.A25.55.A.EX.2.60J.C	99034405	7,344
5.50	2	2 1/2	•	•	329	SL1.20.A25.55.EX.2.60J.C	99034707	7,152
5.50	4	3	•	•	367	SL1.30.A30.55.EX.4.60J.C	99034729	9,450
5.50	4	3	•	•	405	SL1.30.A30.55.A.EX.4.60J.C	99034728	9,644
5.50	4	4	•	•	369	SL1.30.A40.55.EX.4.60J.C	99034739	9,578
5.50	4	4	•	•	382	SL1.40.A40.55.EX.4.60J.C	99034440	11,111
5.50	4	4	•	•	408	SL1.30.A40.55.A.EX.4.60J.C	99034738	9,771
5.50	4	4	•	•	420	SL1.40.A40.55.A.EX.4.60J.C	99034744	11,304
5.50	4	6	•	•	390	SL1.40.A60.55.EX.4.60J.C	99034452	11,432
5.50	4	6	•	•	443	SL1.40.A60.55.A.EX.4.60J.C	99034451	11,564
7.50	4	3	•	•	391	SL1.30.A30.75.EX.4.60J.C	99034731	10,729
7.50	4	3	•	•	416	SL1.30.A30.75.A.EX.4.60J.C	99034730	10,920
7.50	4	4	•	•	393	SL1.30.A40.75.EX.4.60J.C	99034741	10,856
7.50	4	4	•	•	407	SL1.40.A40.75.EX.4.60J.C	99034443	11,304
7.50	4	4	•	•	418	SL1.30.A40.75.A.EX.4.60J.C	99034740	11,048
7.50	4	4	•	•	432	SL1.40.A40.75.A.EX.4.60J.C	99034745	11,622
7.50	4	6	•	•	414	SL1.40.A60.75.EX.4.60J.C	99034457	11,564
7.50	4	6	•	•	441	SL1.40.A60.75.A.EX.4.60J.C	99034455	11,876
10.00	4	3	•	•	468	SL1.30.A30.100.EX.4.60J.C	99034723	12,005
10.00	4	3	•	•	488	SL1.30.A30.100.A.EX.4.60J.C	99034712	12,198
10.00	4	4	•	•	466	SL1.40.A40.100.EX.4.60J.C	99034743	12,497
10.00	4	4	•	•	470	SL1.30.A40.100.A.EX.4.60J.C	99034733	12,261
10.00	4	4	•	•	491	SL1.30.A40.100.A.EX.4.60J.C	99034732	12,453
10.00	4	4	•	•	494	SL1.40.A40.100.A.EX.4.60J.C	99034742	12,965
10.00	4	6	•	•	477	SL1.40.A60.100.EX.4.60J.C	99034448	12,695
10.00	4	6	•	•	507	SL1.40.A60.100.A.EX.4.60J.C	99034746	13,257
3 x 230/460V								
2.00	4	3	•	•	251	SL1.30.A30.20.EX.4.61R.C	99030122	7,918
2.00	4	3	•	•	270	SL1.30.A30.20.A.EX.4.61R.C	99030159	8,111
2.00	4	4	•	•	254	SL1.30.A40.20.EX.4.61R.C	99030129	8,046
2.00	4	4	•	•	273	SL1.30.A40.20.A.EX.4.61R.C	99030166	8,238
3.00	2	3	•	•	196	SL1.20.A30.30.EX.2.61R.C	99030067	6,896
3.00	2	3	•	•	212	SL1.20.A30.30.A.EX.2.61R.C	99030069	7,090
3.00	2	2 1/2	•	•	176	SL1.20.A25.30.EX.2.61R.C	99030117	6,768
3.00	2	2 1/2	•	•	194	SL1.20.A25.30.A.EX.2.61R.C	99030154	6,961
3.00	4	3	•	•	270	SL1.30.A30.30.EX.4.61R.C	99030123	8,111
3.00	4	3	•	•	286	SL1.30.A30.30.A.EX.4.61R.C	99030160	8,302
3.00	4	4	•	•	291	SL1.30.A40.30.EX.4.61R.C	99030130	8,238
3.00	4	4	•	•	307	SL1.30.A40.30.A.EX.4.61R.C	99030167	8,429
4.00	2	3	•	•	221	SL1.20.A30.40.A.EX.2.61R.C	99030157	7,278
4.00	2	3	•	•	258	SL1.20.A30.40.EX.2.61R.C	99030120	7,090
4.00	2	2 1/2	•	•	203	SL1.20.A25.40.A.EX.2.61R.C	99030155	7,152
4.00	2	2 1/2	•	•	238	SL1.20.A25.40.EX.2.61R.C	99030118	6,961
4.00	4	3	•	•	338	SL1.30.A30.40.EX.4.61R.C	99030125	9,004
4.00	4	3	•	•	367	SL1.30.A30.40.A.EX.4.61R.C	99030162	9,196
4.00	4	4	•	•	340	SL1.30.A40.40.EX.4.61R.C	99030131	9,132
4.00	4	4	•	•	370	SL1.30.A40.40.A.EX.4.61R.C	99030169	9,323
5.50	2	3	•	•	275	SL1.20.A30.55.A.EX.2.61R.C	99030158	7,472
5.50	2	3	•	•	331	SL1.20.A30.55.EX.2.61R.C	99030121	7,280
5.50	2	2 1/2	•	•	325	SL1.20.A25.55.A.EX.2.61R.C	99030156	7,344
5.50	2	2 1/2	•	•	329	SL1.20.A25.55.EX.2.61R.C	99030119	7,152
5.50	4	3	•	•	367	SL1.30.A30.55.EX.4.61R.C	99030127	9,450
5.50	4	3	•	•	406	SL1.30.A30.55.A.EX.4.61R.C	99030164	9,644
5.50	4	4	•	•	369	SL1.30.A40.55.EX.4.61R.C	99030144	9,578
5.50	4	4	•	•	382	SL1.40.A40.55.EX.4.61R.C	99030148	11,111
5.50	4	4	•	•	408	SL1.30.A40.55.A.EX.4.61R.C	99030171	9,771
5.50	4	4	•	•	420	SL1.40.A40.55.A.EX.4.61R.C	99030174	11,304
5.50	4	6	•	•	390	SL1.40.A60.55.EX.4.61R.C	99030151	11,432
5.50	4	6	•	•	443	SL1.40.A60.55.A.EX.4.61R.C	99030177	11,564
7.50	4	3	•	•	391	SL1.30.A30.75.EX.4.61R.C	99030128	10,729
7.50	4	3	•	•	417	SL1.30.A30.75.A.EX.4.61R.C	99030165	10,920

Continuation

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
7.50	4	4	•	•	393	SL1.30.A40.75.EX.4.61R.C	99030145	10,856
7.50	4	4	•	•	407	SL1.40.A40.75.EX.4.61R.C	99030149	11,304
7.50	4	4	•	•	419	SL1.30.A40.75.A.EX.4.61R.C	99030172	11,048
7.50	4	4	•	•	433	SL1.40.A40.75.A.EX.4.61R.C	99030175	11,622
7.50	4	6	•	•	414	SL1.40.A60.75.EX.4.61R.C	99030153	11,564
7.50	4	6	•	•	442	SL1.40.A60.75.A.EX.4.61R.C	99030178	11,876
10.00	4	3	•	•	468	SL1.30.A30.100.EX.4.61R.C	99030126	12,005
10.00	4	3	•	•	489	SL1.30.A30.100.A.EX.4.61R.C	99030163	12,198
10.00	4	4	•	•	466	SL1.40.A40.100.EX.4.61R.C	99030147	12,497
10.00	4	4	•	•	470	SL1.30.A40.100.A.EX.4.61R.C	99030132	12,261
10.00	4	4	•	•	492	SL1.30.A40.100.A.EX.4.61R.C	99030170	12,453
10.00	4	4	•	•	495	SL1.40.A40.100.A.EX.4.61R.C	99030173	12,965

SLV (1.5 - 15HP)

SUBMERSIBLE WASTEWATER PUMPS ► SEWAGE PUMPS

SLV (1.5 - 15HP): WASTEWATER PUMPS FOR SUBMERGED INSTALLATION

The pumps are SuperVortex or S-tube® impeller pumps specifically designed for pumping sewage and wastewater in a wide range of municipal, private and industrial applications.

The pumps are made of resistant materials, such as cast iron and stainless steel. These materials ensure long and reliable operation.

The pumps are fitted with motors from 1.5 hp up to and including 15 hp (1.1 to 11 kW). The motors are either 2- or 4-pole motors, depending on the motor size. The free passage in the pumps is 2-4" (50-100 mm)

The pumps are available for:

- submerged installation on auto-coupling system
- submerged installation, free-standing.

All pump types are designed for frequency converter operation, maximum 20 starts per hour.

Applications

Typical applications are transfer of liquids, such as:

- municipal wastewater
- wastewater with a high content of fibers (SuperVortex impeller)
- drainage and surface water
- domestic wastewater
- industrial wastewater
- process and cooling water.

The pumps are ideal for pumping the above liquids from for instance:

- municipal network pumping stations
- inlet pumping stations in wastewater treatment plants
- primary clarification in wastewater treatment plants
- secondary clarification in wastewater treatment plants
- stormwater pumping stations
- public buildings
- residential buildings
- factories/industry

Pumped liquid: pH value: 4-10

Liquid temperature: 32°F to 104°F

Impeller type: SuperVortex

Cable length: Standard 49 ft - Alternative lengths: 33 ft, 65 ft, 80 ft, 100 ft, 130 ft, Screened cable for frequency converter available on request

Supply voltage: 3 x 208 V (D), 3 x 230/460 V (DOL)

FM Approval (Explosion Proof): Class I, Division 1, Groups C and D, T4, T3C*, IP68

Auto-Couplings: See accessories section

Vertical Stands: See accessories section



MPG WA

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 208-230								
1.50	4	3	•	•	224	SLV.30.A30.15.EX.4.60J.C	99034811	7,472
1.50	4	3	•	•	226	SLV.30.A30.15.A.EX.4.60J.C	99034498	7,663
1.50	4	4	•	•	220	SLV.30.A40.15.EX.4.60J.C	99034817	7,759
1.50	4	4	•	•	222	SLV.30.A40.15.A.EX.4.60J.C	99034527	7,953
1.80	4	3	•	•	232	SLV.30.A30.18.EX.4.60J.C	99034813	7,663
1.80	4	3	•	•	234	SLV.30.A30.18.A.EX.4.60J.C	99034500	7,855
1.80	4	4	•	•	228	SLV.30.A40.18.EX.4.60J.C	99034819	7,953
1.80	4	4	•	•	230	SLV.30.A40.18.A.EX.4.60J.C	99034529	8,143
2.00	4	3	•	•	232	SLV.30.A30.20.EX.4.60J.C	99034809	7,983
2.00	4	3	•	•	234	SLV.30.A30.20.A.EX.4.60J.C	99034823	8,174
2.00	4	4	•	•	228	SLV.30.A40.20.EX.4.60J.C	99034815	8,277
2.00	4	4	•	•	230	SLV.30.A40.20.A.EX.4.60J.C	99034825	8,410
3.00	2	3	•	•	170	SLV.25.A30.30.EX.2.60J.C	99034470	7,472
3.00	2	3	•	•	173	SLV.25.A30.30.A.EX.2.60J.C	99034469	7,663
3.00	2	2 1/2	•	•	168	SLV.25.A25.30.EX.2.60J.C	99034461	7,152
3.00	2	2 1/2	•	•	170	SLV.25.A25.30.A.EX.2.60J.C	99034460	7,344
3.00	4	3	•	•	252	SLV.30.A30.30.EX.4.60J.C	99034504	8,301
3.00	4	3	•	•	254	SLV.30.A30.30.A.EX.4.60J.C	99034503	8,494
3.00	4	4	•	•	248	SLV.30.A40.30.EX.4.60J.C	99034533	8,539

Continuation

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
3.00	4	4	•	•	250	SLV.30.A40.30.A.EX.4.60J.C	99034532	8,794
4.00	2	3	•	•	233	SLV.25.A30.40.EX.2.60J.C	99034474	7,663
4.00	2	3	•	•	235	SLV.25.A30.40.A.EX.2.60J.C	99034473	7,855
4.00	2	2 1/2	•	•	231	SLV.25.A25.40.EX.2.60J.C	99034464	7,344
4.00	2	2 1/2	•	•	233	SLV.25.A25.40.A.EX.2.60J.C	99034463	7,535
4.00	4	4	•	•	296	SLV.40.A40.40.EX.4.60J.C	99034765	8,652
4.00	4	4	•	•	298	SLV.40.A40.40.A.EX.4.60J.C	99034549	8,907
5.50	2	3	•	•	308	SLV.25.A30.55.EX.2.60J.C	99034478	7,983
5.50	2	3	•	•	310	SLV.25.A30.55.A.EX.2.60J.C	99034477	8,174
5.50	2	3	•	•	317	SLV.30.A30.55.EX.2.60J.C	99034511	8,748
5.50	2	3	•	•	319	SLV.30.A30.55.A.EX.2.60J.C	99034509	8,941
5.50	2	4	•	•	322	SLV.30.A40.55.EX.2.60J.C	99034539	9,450
5.50	2	4	•	•	324	SLV.30.A40.55.A.EX.2.60J.C	99034537	9,834
5.50	2	2 1/2	•	•	307	SLV.25.A25.55.EX.2.60J.C	99034467	7,663
5.50	2	2 1/2	•	•	309	SLV.25.A25.55.A.EX.2.60J.C	99034466	7,855
5.50	4	3	•	•	342	SLV.30.A30.55.EX.4.60J.C	99034512	8,621
5.50	4	3	•	•	345	SLV.30.A30.55.A.EX.4.60J.C	99034510	8,813
5.50	4	4	•	•	331	SLV.40.A40.55.EX.4.60J.C	99034767	9,076
5.50	4	4	•	•	333	SLV.40.A40.55.A.EX.4.60J.C	99034552	9,275
5.50	4	4	•	•	337	SLV.30.A40.55.EX.4.60J.C	99034759	8,935
5.50	4	4	•	•	339	SLV.30.A40.55.A.EX.4.60J.C	99034538	9,196
7.50	4	4	•	•	354	SLV.40.A40.75.EX.4.60J.C	99034566	10,064
7.50	4	4	•	•	356	SLV.40.A40.75.A.EX.4.60J.C	99034565	10,196
8.00	2	3	•	•	350	SLV.30.A30.80.EX.2.60J.C	99034517	8,941
8.00	2	3	•	•	353	SLV.30.A30.80.A.EX.2.60J.C	99034516	9,132
8.00	2	4	•	•	355	SLV.30.A40.80.EX.2.60J.C	99034543	9,834
8.00	2	4	•	•	357	SLV.30.A40.80.A.EX.2.60J.C	99034542	10,217
10.00	2	3	•	•	351	SLV.30.A30.100.EX.2.60J.C	99034482	9,143
10.00	2	3	•	•	354	SLV.30.A30.100.A.EX.2.60J.C	99034481	9,275
10.00	2	4	•	•	356	SLV.30.A40.100.EX.2.60J.C	99034521	10,217
10.00	2	4	•	•	358	SLV.30.A40.100.A.EX.2.60J.C	99034520	10,601
10.00	4	4	•	•	421	SLV.40.A40.100.EX.4.60J.C	99034761	11,750
10.00	4	4	•	•	423	SLV.40.A40.100.A.EX.4.60J.C	99034547	12,134
12.50	2	3	•	•	437	SLV.30.A30.125.EX.2.60J.C	99034496	11,111
12.50	2	3	•	•	439	SLV.30.A30.125.A.EX.2.60J.C	99034495	11,304
12.50	2	4	•	•	436	SLV.30.A40.125.EX.2.60J.C	99034525	10,601
12.50	2	4	•	•	438	SLV.30.A40.125.A.EX.2.60J.C	99034524	10,983
15.00	2	3	•	•	436	SLV.30.A30.150.EX.2.60J.C	99034664	11,313
15.00	2	3	•	•	438	SLV.30.A30.150.A.EX.2.60J.C	99034662	11,575
15.00	2	4	•	•	435	SLV.30.A40.150.EX.2.60J.C	99034672	11,750
15.00	2	4	•	•	437	SLV.30.A40.150.A.EX.2.60J.C	99034670	12,134
3 x 230/460V								
1.50	4	3	•	•	234	SLV.30.A30.15.EX.4.61R.C	99030266	7,472
1.50	4	3	•	•	237	SLV.30.A30.15.A.EX.4.61R.C	99030297	7,663
1.50	4	4	•	•	230	SLV.30.A40.15.EX.4.61R.C	99030276	7,759
1.50	4	4	•	•	233	SLV.30.A40.15.A.EX.4.61R.C	99030307	7,953
1.80	4	3	•	•	242	SLV.30.A30.18.EX.4.61R.C	99030267	7,663
1.80	4	3	•	•	244	SLV.30.A30.18.A.EX.4.61R.C	99030298	7,855
1.80	4	4	•	•	238	SLV.30.A40.18.EX.4.61R.C	99030277	7,953
1.80	4	4	•	•	240	SLV.30.A40.18.A.EX.4.61R.C	99030308	8,143
2.00	4	3	•	•	242	SLV.30.A30.20.EX.4.61R.C	99030260	7,983
2.00	4	3	•	•	245	SLV.30.A30.20.A.EX.4.61R.C	99030292	8,174
2.00	4	4	•	•	238	SLV.30.A40.20.EX.4.61R.C	99030271	8,277
2.00	4	4	•	•	241	SLV.30.A40.20.A.EX.4.61R.C	99030302	8,410
3.00	2	3	•	•	177	SLV.25.A30.30.EX.2.61R.C	99030257	7,472
3.00	2	3	•	•	179	SLV.25.A30.30.A.EX.2.61R.C	99030288	7,663
3.00	2	2 1/2	•	•	174	SLV.25.A25.30.EX.2.61R.C	99030254	7,152
3.00	2	2 1/2	•	•	177	SLV.25.A25.30.A.EX.2.61R.C	99030285	7,321
3.00	4	3	•	•	259	SLV.30.A30.30.EX.4.61R.C	99030261	8,301
3.00	4	3	•	•	261	SLV.30.A30.30.A.EX.4.61R.C	99030293	8,494
3.00	4	4	•	•	255	SLV.30.A40.30.EX.4.61R.C	99030272	8,539
3.00	4	4	•	•	257	SLV.30.A40.30.A.EX.4.61R.C	99030303	8,794
4.00	2	3	•	•	240	SLV.25.A30.40.EX.2.61R.C	99030258	7,663
4.00	2	3	•	•	242	SLV.25.A30.40.A.EX.2.61R.C	99030290	7,855
4.00	2	2 1/2	•	•	237	SLV.25.A25.40.EX.2.61R.C	99030255	7,344

SLV (1.5 - 15HP)

SUBMERSIBLE WASTEWATER PUMPS ► SEWAGE PUMPS

Continuation

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	EX.	Shipping Weight [LBS]	Product name	Part Number	Price
4.00	2	2 1/2	•	•	240	SLV.25.A25.40.A.EX.2.61R.C	99030286	7,535
4.00	4	4	•	•	302	SLV.40.A40.40.A.EX.4.61R.C	99030281	8,652
4.00	4	4	•	•	304	SLV.40.A40.40.A.EX.4.61R.C	99030312	8,907
5.50	2	3	•	•	308	SLV.25.A30.55.EX.2.61R.C	99030259	7,983
5.50	2	3	•	•	310	SLV.25.A30.55.A.EX.2.61R.C	99030291	8,174
5.50	2	3	•	•	317	SLV.30.A30.55.EX.2.61R.C	99030269	8,748
5.50	2	3	•	•	319	SLV.30.A30.55.A.EX.2.61R.C	99030300	8,941
5.50	2	4	•	•	322	SLV.30.A40.55.EX.2.61R.C	99030279	9,450
5.50	2	4	•	•	324	SLV.30.A40.55.A.EX.2.61R.C	99030310	9,834
5.50	2	2 1/2	•	•	307	SLV.25.A25.55.EX.2.61R.C	99030256	7,663
5.50	2	2 1/2	•	•	309	SLV.25.A25.55.A.EX.2.61R.C	99030287	7,855
5.50	4	3	•	•	342	SLV.30.A30.55.EX.4.61R.C	99030270	8,621
5.50	4	3	•	•	345	SLV.30.A30.55.A.EX.4.61R.C	99030301	8,813
5.50	4	4	•	•	331	SLV.40.A40.55.EX.4.61R.C	99030283	9,076
5.50	4	4	•	•	333	SLV.40.A40.55.A.EX.4.61R.C	99030314	9,275
5.50	4	4	•	•	337	SLV.30.A40.55.EX.4.61R.C	99030280	8,935
5.50	4	4	•	•	339	SLV.30.A40.55.A.EX.4.61R.C	99030311	9,196
7.50	4	4	•	•	354	SLV.40.A40.75.EX.4.61R.C	99030284	10,064
7.50	4	4	•	•	356	SLV.40.A40.75.A.EX.4.61R.C	99030315	10,196
8.00	2	3	•	•	350	SLV.30.A30.80.EX.2.61R.C	99030262	8,941
8.00	2	3	•	•	353	SLV.30.A30.80.A.EX.2.61R.C	99030294	9,132
8.00	2	4	•	•	355	SLV.30.A40.80.EX.2.61R.C	99030273	9,834
8.00	2	4	•	•	357	SLV.30.A40.80.A.EX.2.61R.C	99030304	10,217
10.00	2	3	•	•	351	SLV.30.A30.100.EX.2.61R.C	99030263	9,143
10.00	2	3	•	•	354	SLV.30.A30.100.A.EX.2.61R.C	99030295	9,275
10.00	2	4	•	•	356	SLV.30.A40.100.EX.2.61R.C	99030274	10,217
10.00	2	4	•	•	358	SLV.30.A40.100.A.EX.2.61R.C	99030305	10,601
10.00	4	4	•	•	421	SLV.40.A40.100.EX.4.61R.C	99030282	11,750
10.00	4	4	•	•	423	SLV.40.A40.100.A.EX.4.61R.C	99030313	12,134
12.50	2	3	•	•	437	SLV.30.A30.125.EX.2.61R.C	99030268	11,111
12.50	2	3	•	•	439	SLV.30.A30.125.A.EX.2.61R.C	99030299	11,304
12.50	2	4	•	•	436	SLV.30.A40.125.EX.2.61R.C	99030278	10,601
12.50	2	4	•	•	438	SLV.30.A40.125.A.EX.2.61R.C	99030309	10,983
15.00	2	3	•	•	436	SLV.30.A30.150.EX.2.61R.C	99030265	11,313
15.00	2	3	•	•	438	SLV.30.A30.150.A.EX.2.61R.C	99030296	11,575

SE Type key

Example: **SE1.45.A80.270.4.52.M.EX.6.1G.A**

Code	Explanation	Designation
SE	Sewage pump with cooling jacket	Pump type
SL	Sewage pump without cooling jacket	
[]	Open S-tube® impeller (semi-open)	Impeller type
1	Closed single-channel S-tube® impeller	
2	Closed two-channel S-tube® impeller	
V	SuperVortex (free-flow) impeller	
[]		Pump free passage [in]
30	3" (80 mm)	
35	3.5" (85 mm)	
40	4" (105 mm)	
45	4.5" (110 mm)	
50	5" (125 mm)	Pump outlet [ANSI (in)]
A80	8": Pump outlet nominal diameter/10	
270	27.0 hp: P2/10	Shaft power P2 [hp]
[]	Standard pump or standard Ex pump without additional sensors	Sensor version
A	Sensor version 1 or sensor version 1, Ex/FM pump	
B	Sensor version 2 or sensor version 2, Ex/FM pump	
2	2-pole motor	Number of poles
4	4-pole motor	
Code	Explanation	Designation
52.S	Super-high pressure	Frame size of the pump (52.) and head class
52.H	High pressure	
52.M	Medium pressure	
52.L	Low pressure	
52.E	Extra-low pressure	Material code for pump, impeller, suction cover and motor housing
[]	Cast iron pump casing, cast iron impeller, cast iron suction cover, cast iron motor housing	
Q	Cast iron pump casing, stainless steel impeller, cast iron suction cover, cast iron motor housing	
W	Cast iron pump casing, heavy-duty wear-resistant impeller, heavy-duty wear-resistant suction cover, cast iron motor housing	
N	Pump without Ex, FM or UL approval	Pump version
Ex	Pump with Ex or FM approval	
UL	Pump with UL approval	
6	60 Hz	Frequency
1F	3 x 220-230D/380-400Y	Voltage
1G ¹⁾	3 x 380-480D/660-690Y (Standard)	
11 ²⁾	3 x 460D (Standard)	
15 ²⁾	3 x 380D/660Y	
1M	3 x 575-600D	
0S	3 x 208D	Generation code
1R	3 x 230D/460Y	
0R	3 x 230D	
[]	1st generation	Customization
A	2nd generation	
Z	Custom-built product	Thermal protection
[]	Thermal switches	
T	PTC thermistor	

TM068301

, not suitable for ether atmospheres

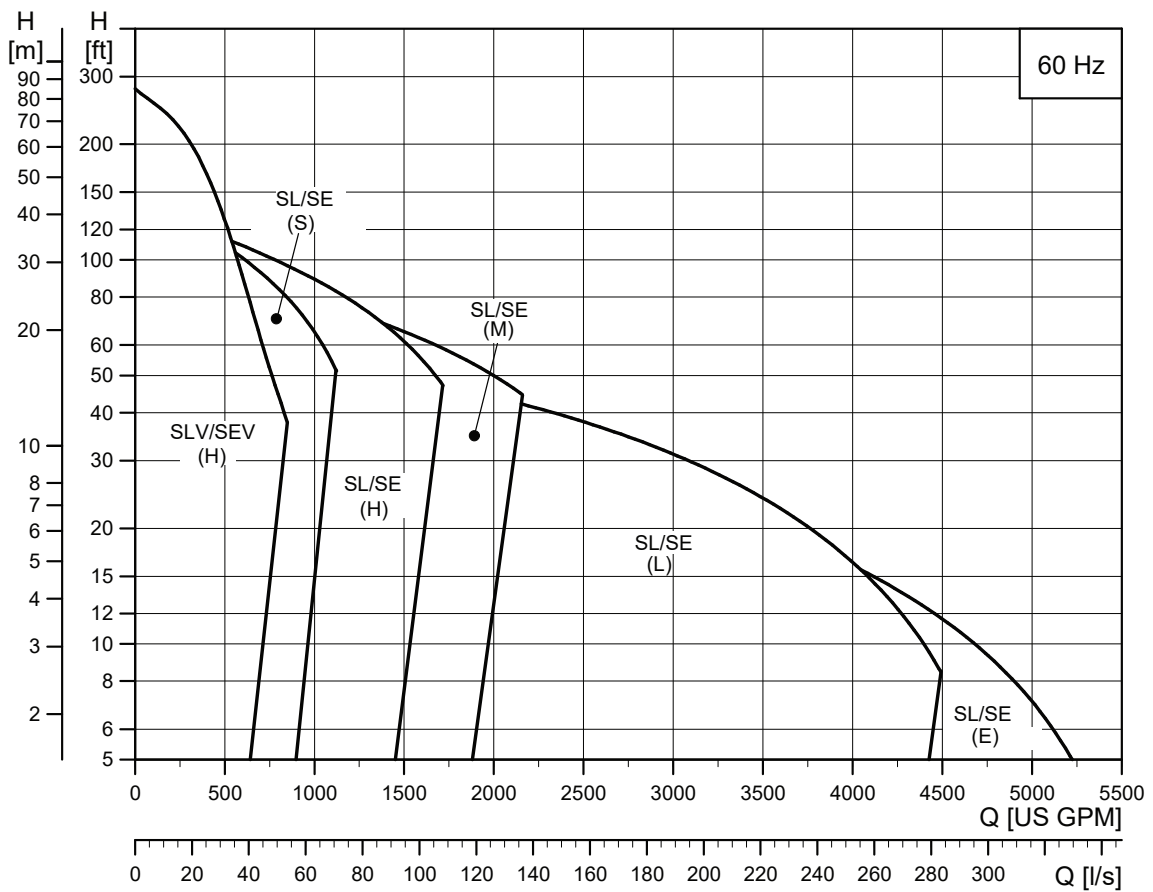
.A80.270.4.52.M.EX.6.1G.A

	Designation
ip with cooling jacket	Pump type
ip without cooling jacket	
® impeller (semi-open)	Impeller type
e-channel S-tube® impeller	
hannel S-tube® impeller	
(free-flow) impeller	

1) Only for 2- and 4-pole motors.

2) Only for 6-pole motors.

Performance range, SE and SL pumps, 12-42 hp



SE 1 (12 - 42HP): HEAVY DUTY WASTEWATER PUMPS FOR DRY OR SUBMERGED INSTALLATION

The SE1 pumps, 12 - 42HP, are a range of pumps specifically designed for pumping sewage and wastewater in a wide range of municipal and industrial applications. The SE pump has an S-tube® impeller with a large free passage (1.5-5 in) and is designed for applications such as:

Raw Water intake, Wastewater treatment plants, municipal pumping stations, public buildings, blocks of flats, industries, garages etc.

Types of Installation:

- **Dry installation** : horizontal or vertical
- **Submerged installation** on auto-coupling system or submerged installation, free-standing on ring stand

Product range variants:

Standard version: Cast iron pump housing, impeller and motor cover.

Sensor version: Pump with Pt1000 in the stator windings.

Material options available on request

Pumped liquid: pH value: 4-10

Liquid temperature: 32°F to 104°F

Impeller type: S-tube®

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 98 ft, 164 ft, Screened cable for frequency converter available on request

Supply voltage: 3 x 208 V (D), 3 x 230/460 V (Y/D), 3 x 572-600 V (D) 60 Hz

Maximum installation depth: 66 ft

FM Approval (Explosion Proof): Class I, Division 1, Groups C and D, T4, T3C*, IP68 with an ambient temperature rating of -4 to 104 °F

Auto-Couplings: See accessories section



MPG WB

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P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 208V							
12.10	4	4	•	784	SE1.30.A40.120.4.52H.EX.60S.A	99780898	O.R.
12.10	4	6	•	772	SE1.30.A60.120.4.52H.EX.60S.A	99781025	19,483
12.10	4	8	•	833	SE1.40.A80.120.4.52M.EX.60S.A	99781099	21,959
14.80	4	4	•	766	SE1.30.A40.150.4.52H.EX.60S.A	99780932	O.R.
14.80	4	6	•	754	SE1.30.A60.150.4.52H.EX.60S.A	99781037	19,699
14.80	4	8	•	835	SE1.40.A80.150.4.52M.EX.60S.A	99781112	22,174
17.40	2	4	•	729	SE1.30.A40.175.4.52S.EX.60S.A	99780810	17,868
17.40	4	4	•	799	SE1.30.A40.175.4.52H.EX.60S.A	99780971	O.R.
17.40	4	6	•	787	SE1.30.A60.175.4.52H.EX.60S.A	99781049	20,021
17.40	4	8	•	863	SE1.40.A80.175.4.52M.EX.60S.A	99781127	22,497
20.10	2	4	•	730	SE1.30.A40.200.2.52S.EX.60S.A	99780821	18,514
20.10	4	4	•	800	SE1.30.A40.200.4.52H.EX.60S.A	99780988	19,053
20.10	4	6	•	788	SE1.30.A60.200.4.52H.EX.60S.A	99781062	20,667
20.10	4	8	•	865	SE1.40.A80.200.4.52M.EX.60S.A	99781151	23,143
22.80	2	4	•	743	SE1.30.A40.230.2.52S.EX.60S.A	99780843	19,590
24.10	4	4	•	821	SE1.35.A40.245.4.52H.EX.60S.A	99781001	O.R.
24.10	4	6	•	809	SE1.35.A60.245.4.52H.EX.60S.A	99781074	O.R.
24.10	4	8	•	861	SE1.45.A80.245.4.52M.EX.60S.A	99781164	O.R.
24.80	2	4	•	744	SE1.30.A40.250.2.52S.EX.60S.A	99780865	19,914
26.80	4	4	•	832	SE1.35.A40.270.4.52H.EX.60S.A	99781013	O.R.
26.80	4	6	•	820	SE1.35.A60.270.4.52H.EX.60S.A	99781087	O.R.
26.80	4	8	•	865	SE1.45.A80.270.4.52M.EX.60S.A	99781196	O.R.
29.50	4	4	•	883	SE1.35.A40.300.4.52H.EX.60S.A	99790832	O.R.
29.50	4	6	•	870	SE1.35.A60.300.4.52H.EX.60S.A	99790859	O.R.
29.50	4	8	•	911	SE1.45.A80.300.4.52M.EX.60S.A	99790890	O.R.
32.90	4	4	•	884	SE1.35.A40.330.4.52H.EX.60S.A	99790845	O.R.
32.90	4	6	•	872	SE1.35.A60.330.4.52H.EX.60S.A	99790874	O.R.
32.90	4	8	•	913	SE1.45.A80.330.4.52M.EX.60S.A	99790903	O.R.

SE 1 (12 - 42HP)

WASTEWATER

Continuation

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 230/460							
12.10	4	4	•	782	SE1.30.A40.120.4.52H.EX.61R.A	99782224	O.R.
12.10	4	6	•	770	SE1.30.A60.120.4.52H.EX.61R.A	99782441	19,483
12.10	4	8	•	831	SE1.40.A80.120.4.52M.EX.61R.A	99782831	21,959
14.80	4	4	•	764	SE1.30.A40.150.4.52H.EX.61R.A	99782236	O.R.
14.80	4	6	•	752	SE1.30.A60.150.4.52H.EX.61R.A	99782485	19,699
14.80	4	8	•	833	SE1.40.A80.150.4.52M.EX.61R.A	99782844	22,174
17.40	2	4	•	729	SE1.30.A40.175.2.52S.EX.61R.A	99782118	17,868
17.40	4	4	•	798	SE1.30.A40.175.4.52H.EX.61R.A	99782250	O.R.
17.40	4	6	•	787	SE1.30.A60.175.4.52H.EX.61R.A	99782518	20,021
17.40	4	8	•	862	SE1.40.A80.175.4.52M.EX.61R.A	99782867	22,497
20.10	2	4	•	730	SE1.30.A40.200.2.52S.EX.61R.A	99782131	18,514
20.10	4	4	•	799	SE1.30.A40.200.4.52H.EX.61R.A	99782262	O.R.
20.10	4	6	•	787	SE1.30.A60.200.4.52H.EX.61R.A	99782550	20,667
20.10	4	8	•	864	SE1.40.A80.200.4.52M.EX.61R.A	99782879	23,143
22.80	2	4	•	743	SE1.30.A40.230.2.52S.EX.61R.A	99782143	19,590
24.10	4	4	•	821	SE1.35.A40.245.4.52H.EX.61R.A	99782284	O.R.
24.10	4	6	•	809	SE1.35.A60.245.4.52H.EX.61R.A	99782585	O.R.
24.10	4	8	•	861	SE1.45.A80.245.4.52M.EX.61R.A	99782891	24,004
24.80	2	4	•	744	SE1.30.A40.250.2.52S.EX.61R.A	99782155	19,914
26.80	4	4	•	833	SE1.35.A40.270.4.52H.EX.61R.A	99782297	O.R.
26.80	4	6	•	820	SE1.35.A60.270.4.52H.EX.61R.A	99782610	O.R.
26.80	4	8	•	866	SE1.45.A80.270.4.52M.EX.61R.A	99782905	24,972
29.50	4	4	•	833	SE1.35.A40.300.4.52H.EX.61R.A	99782310	21,206
29.50	4	6	•	821	SE1.35.A60.300.4.52H.EX.61R.A	99782665	O.R.
29.50	4	8	•	861	SE1.45.A80.300.4.52M.EX.61R.A	99782917	O.R.
32.90	4	4	•	884	SE1.35.A40.330.4.52H.EX.61R.A	99791103	24,220

SE 2 (12 - 42HP): HEAVY DUTY WASTEWATER PUMPS FOR DRY OR SUBMERGED INSTALLATION

The SE2 pumps, 12 - 42HP, are a range of pumps specifically designed for pumping sewage and wastewater in a wide range of municipal and industrial applications. The SE pump has an S-tube® impeller with a large free passage (1.5-5 in) and is designed for applications such as:
Raw Water intake, Wastewater treatment plants, municipal pumping stations, public buildings, blocks of flats, industries, garages etc.

Types of Installation:

- **Dry installation** : horizontal or vertical
- **Submerged installation** on auto-coupling system or submerged installation, free-standing on ring stand

Product range variants:

Standard version: Cast iron pump housing, impeller and motor cover.

Sensor version: Pump with Pt1000 in the stator windings.

Material options available on request

Pumped liquid: pH value: 4-10

Liquid temperature: 32°F to 104°F

Impeller type: S-tube®

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 98 ft, 164 ft, Screened cable for frequency converter available on request

Supply voltage: 3 x 208 V (D), 3 x 230/460 V (Y/D) , 3 x 572-600 V (D) 60 Hz

Maximum installation depth: 66 ft **FM Approval (Explosion Proof):** Class I, Division 1, Groups C and D, T4, T3C*, IP68 with an ambient temperature rating of -4 to 104 °F

Auto-Couplings: See accessories section



MPG WB

P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 208V							
10.70	6	10	•	1015	SE2.45.A100.110.6.52E.EX.60S.A	99781310	O.R.
13.40	6	10	•	1019	SE2.45.A100.135.6.52E.EX.60S.A	99781331	23,681
14.80	4	10	•	991	SE2.45.A100.150.4.52L.EX.60S.A	99781209	23,735
16.10	6	10	•	1021	SE2.45.A100.160.6.52E.EX.60S.A	99781360	25,081
17.40	4	10	•	1025	SE2.45.A100.175.4.52L.EX.60S.A	99781226	24,327
18.80	6	12	•	1197	SE2.50.A120.190.6.52E.EX.60S.A	99781377	32,292
20.10	4	10	•	1020	SE2.45.A100.200.4.52L.EX.60S.A	99781244	24,972
21.50	6	12	•	1197	SE2.50.A120.215.6.52E.EX.60S.A	99781406	32,831
24.10	4	10	•	1034	SE2.45.A100.245.4.52L.EX.60S.A	99781271	25,834
25.50	6	12	•	1242	SE2.50.A120.255.6.52E.EX.60S.A	99790949	33,368
26.80	4	10	•	1034	SE2.45.A100.270.4.52L.EX.60S.A	99781293	26,803
29.50	4	10	•	1082	SE2.45.A100.300.4.52L.EX.60S.A	99790916	27,125
32.90	4	10	•	1083	SE2.45.A100.330.4.52L.EX.60S.A	99790932	30,139
3 x 230							
10.70	6	10	•	1015	SE2.45.A100.110.6.52E.EX.61R.A	99783420	O.R.
13.40	6	10	•	1019	SE2.45.A100.135.6.52E.EX.61R.A	99783453	22,770
16.10	6	10	•	1021	SE2.45.A100.160.6.52E.EX.61R.A	99783505	24,116
18.80	6	12	•	1197	SE2.50.A120.190.6.52E.EX.61R.A	99783526	31,050
21.50	6	12	•	1197	SE2.50.A120.215.6.52E.EX.61R.A	99783546	31,568
25.50	6	12	•	1192	SE2.50.A120.255.6.52E.EX.61R.A	99783564	32,085
3 x 230/460							
14.80	4	10	•	989	SE2.45.A100.150.4.52L.EX.61R.A	99783063	23,735
17.40	4	10	•	1024	SE2.45.A100.175.4.52L.EX.61R.A	99783085	24,327
20.10	4	10	•	1019	SE2.45.A100.200.4.52L.EX.61R.A	99783113	24,972
24.10	4	10	•	1034	SE2.45.A100.245.4.52L.EX.61R.A	99783131	25,834
26.80	4	10	•	1035	SE2.45.A100.270.4.52L.EX.61R.A	99783159	26,803

SEV (12 - 42HP)

WASTEWATER

SEV (12 - 42HP): HEAVY DUTY WASTEWATER PUMPS FOR DRY OR SUBMERGED INSTALLATION

The SEV pumps, 12 - 42HP, are a range of pumps with SuperVortex impellers, specifically designed for pumping sewage and wastewater in a wide range of municipal and industrial applications, raw water intake, wastewater treatment plants, municipal pumping stations, and public buildings.

Types of Installation:

- **Dry installation** : horizontal or vertical
- **Submerged installation** on auto-coupling system, free-standing on ring stand

Product range variants:

Standard version: Cast iron pump housing, impeller, and motor cover.

Sensor version 1: Pump with Pt1000 in the stator windings.

Material options available on request

Pumped liquid: pH value: 4-10

Liquid temperature: 32°F to 104°F

Impeller type: SuperVortex

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 98 ft, 164 ft, Screened cable for frequency converter available on request

Supply voltage: 3 x 208 V (D), 3 x 230/460 V (Y/D), 3 x 572-600 V (D) 60 Hz

Maximum installation depth: 66 ft

FM Approval (Explosion Proof): Class I, Division 1, Groups C and D, T4, T3C*, IP68 with an ambient temperature rating of -4 to 104 °F

Auto-Couplings: See accessories section



MPG WB

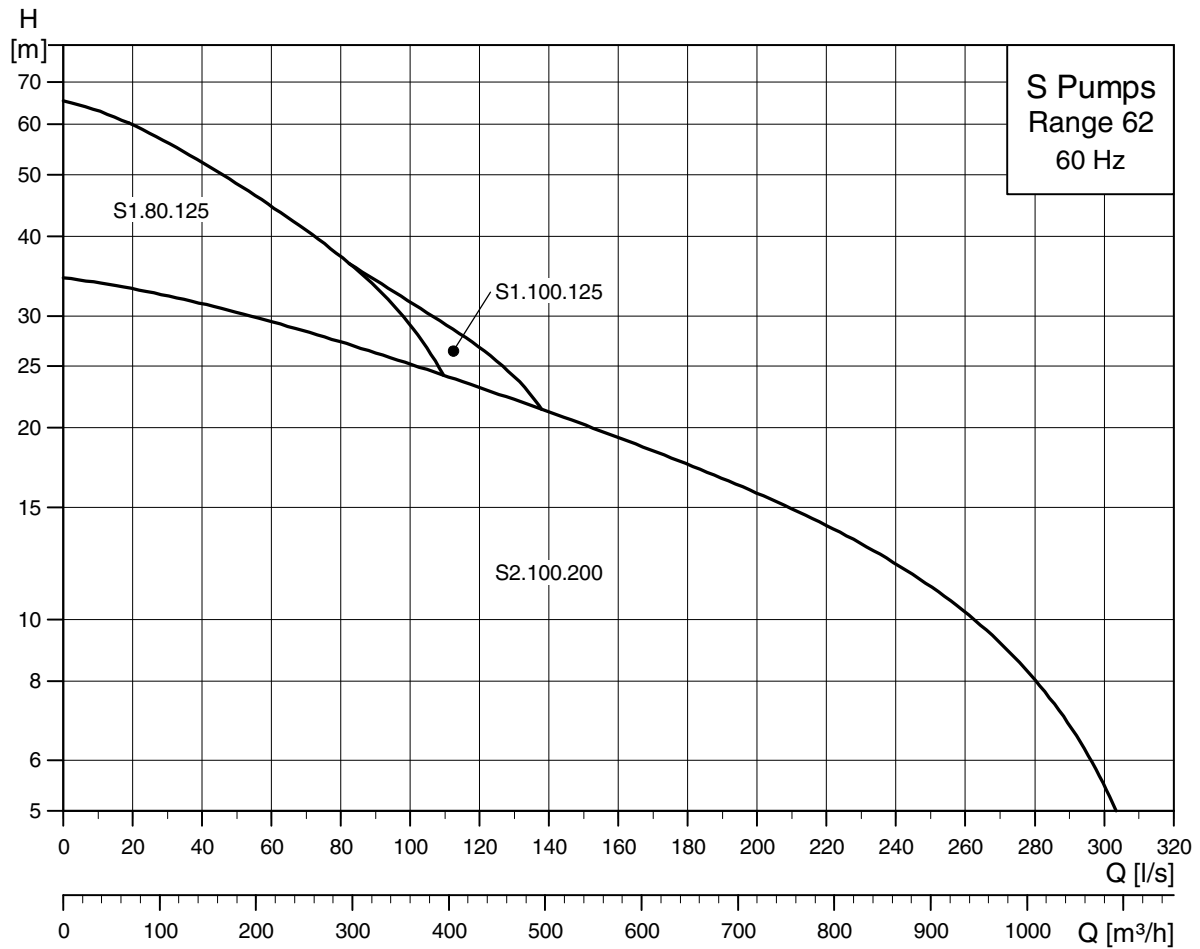
P2 [HP]	Poles	Discharge [inch]	Moisture Sensor	Shipping Weight [LBS]	Product name	Part Number	Price
3 x 208V							
17.40	2	3	•	699	SEV.30.A30.175.2.52H.EX.60S.A	99780741	O.R.
20.10	2	3	•	700	SEV.30.A30.200.2.52H.EX.60S.A	99780763	O.R.
22.80	2	3	•	713	SEV.30.A30.230.2.52H.EX.60S.A	99780775	O.R.
24.80	2	3	•	714	SEV.30.A30.250.2.52H.EX.60S.A	99780787	18,838
29.50	2	3	•	792	SEV.30.A30.300.2.52H.EX.60S.A	99790767	O.R.
33.50	2	3	•	792	SEV.30.A30.335.2.52H.EX.60S.A	99790780	O.R.
38.90	2	3	•	805	SEV.30.A30.390.2.52H.EX.60S.A	99790793	O.R.
41.60	2	3	•	804	SEV.30.A30.420.2.52H.EX.60S.A	99790819	O.R.
3 x 230/460							
17.40	2	3	•	699	SEV.30.A30.175.2.52H.EX.61R.A	99781515	O.R.
20.10	2	3	•	700	SEV.30.A30.200.2.52H.EX.61R.A	99781535	17,438
22.80	2	3	•	713	SEV.30.A30.230.2.52H.EX.61R.A	99781548	O.R.
24.80	2	3	•	714	SEV.30.A30.250.2.52H.EX.61R.A	99781574	18,838
29.50	2	3	•	742	SEV.30.A30.300.2.52H.EX.61R.A	99781593	19,590
33.50	2	3	•	793	SEV.30.A30.335.2.52H.EX.61R.A	99790990	O.R.
38.90	2	3	•	792	SEV.30.A30.390.2.52H.EX.61R.A	99791024	O.R.
41.60	2	3	•	804	SEV.30.A30.420.2.52H.EX.61R.A	99791050	O.R.

S-Range Type key

Please note that the pump type described in this booklet is not necessarily available in all variants.

Example **S1.100.100.55.4.50M.S.205.G.N.D.511.Z**

Code	Explanation	Designation
S	Grundfos sewage and wastewater pump	Pump type
ST	Multi-channel impeller pump installed in a column pipe	
1	Single-channel impeller	Impeller type
2	Two-channel impeller	
3	Three-channel impeller	
V	SuperVortex impeller	
100	Maximum solid size [mm]	Pump passage
100	Nominal diameter of pump outlet port [mm]	Pump outlet, S-type
	Nominal diameter of column pipe [mm]	Pump outlet, ST-type
55	P2 = Code number from type designation / 10	Power output [kW] ¹
2	2-pole motor	Number of poles
4	4-pole motor	
6	6-pole motor	
8	8-pole motor	
10	10-pole motor	
12	12-pole motor	
50	Range 50	Pump range
54	Range 54	
58	Range 58	
62	Range 62	
66	Range 66	
70	Range 70	
S	Super-high	Pressure version
H	High	
M	Medium	
L	Low	
E	Extra-low	
F	Super-low	
S	Submersible installation without cooling jacket	Installation type
C	Submersible installation with cooling jacket	
D	Dry installation, vertical	
H	Dry installation, horizontal	
205	Impeller diameter [mm]	Impeller diameter (mean)
G	Cast iron impeller, pump housing and stator housing	Material code for impeller, pump housing and stator housing
Q	Stainless steel impeller, DIN W.-Nr. 1.4408	
S	Stainless steel impeller and pump housing, DIN W.-Nr. 1.4408	
R	Stainless steel impeller, pump housing and stator housing, DIN W.-Nr. 1.4408	
N	Non-explosion-proof pump	Pump version
Ex	Pump with explosion-proof motor	
B	Pump with built-in SM 113 ²	
C	Not in use	Sensor version
D	S pump without built-in SM 113 module.	
5	50 Hz	Frequency [Hz]
6	60 Hz	
11	3 x 400 / 690 V, Y/D (50 Hz only)	Voltage code and connection
	3 x 460 V, Y/D (60 Hz only)	
13	3 x 415 V, Y/D (50 Hz only)	
15	3 x 380 / 660 V, Y/D (60 Hz only)	
GPA	Pumps only for Australia	Customisation
Z	Custom-built products	



List of pump curves

3 x 380/660 V

Pump type	Pressure range	Curve chart on page
S2.100.200.400/520.4.62L	Low	42
S2.100.200.590.4.62L		44
S1.100.125.400/520.4.62M	Medium	50
S1.100.125.590.4.62M		52
S1.80.125.400/520.4.62H	High	58
S1.80.125.590.4.62H		60

3 x 460 V

Pump type	Pressure range	Curve chart on page
S2.100.200.400/520.4.62L	Low	46
S2.100.200.590.4.62L		48
S1.100.125.400/520.4.62M	Medium	54
S1.100.125.590.4.62M		56
S1.80.125.400/520.4.62H	High	62
S1.80.125.590.4.62H		64

S-RANGE - FRAME 62: LARGE SEWAGE PUMPS FOR SUBMERGED INSTALLATION

S pumps are designed to handle unscreened raw sewage or raw water in wastewater/water infrastructure and industrial applications. The scope of the S range lets it be used for sewage/liquid handling on any scale.

The S-pumps are available with high efficient 1, 2 or 3-channel impellers or Super Vortex impeller allowing for free passage of solids from 3.5" to 5.7". Impellers can be delivered in stainless steel for corrosive liquids.

Typical application areas include:

- Sewage pumping stations
- Wastewater treatment plants
- Raw/potable water intake and distribution
- Industry/corrosive liquids
- Large-scale buildings
- Building facilities (car parks, hotel facilities, etc.)

S pumps are suitable in submerged installations for both temporary and permanent use, whereas dry-installed pumps can be installed both vertically and horizontally.



Pumped liquid: pH value : 4-10

Liquid temperature: 32-104 °F (0-40 °C)

Impeller types: 1-Channel / 2-Channel / 3-Channel

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 165 ft

Screened cable for frequency converter available on request

Supply voltage: 3 x 460 Volt 60 Hz

Maximum installation depth: 66 ft

Motor protection: PTC Thermal protection on standard range

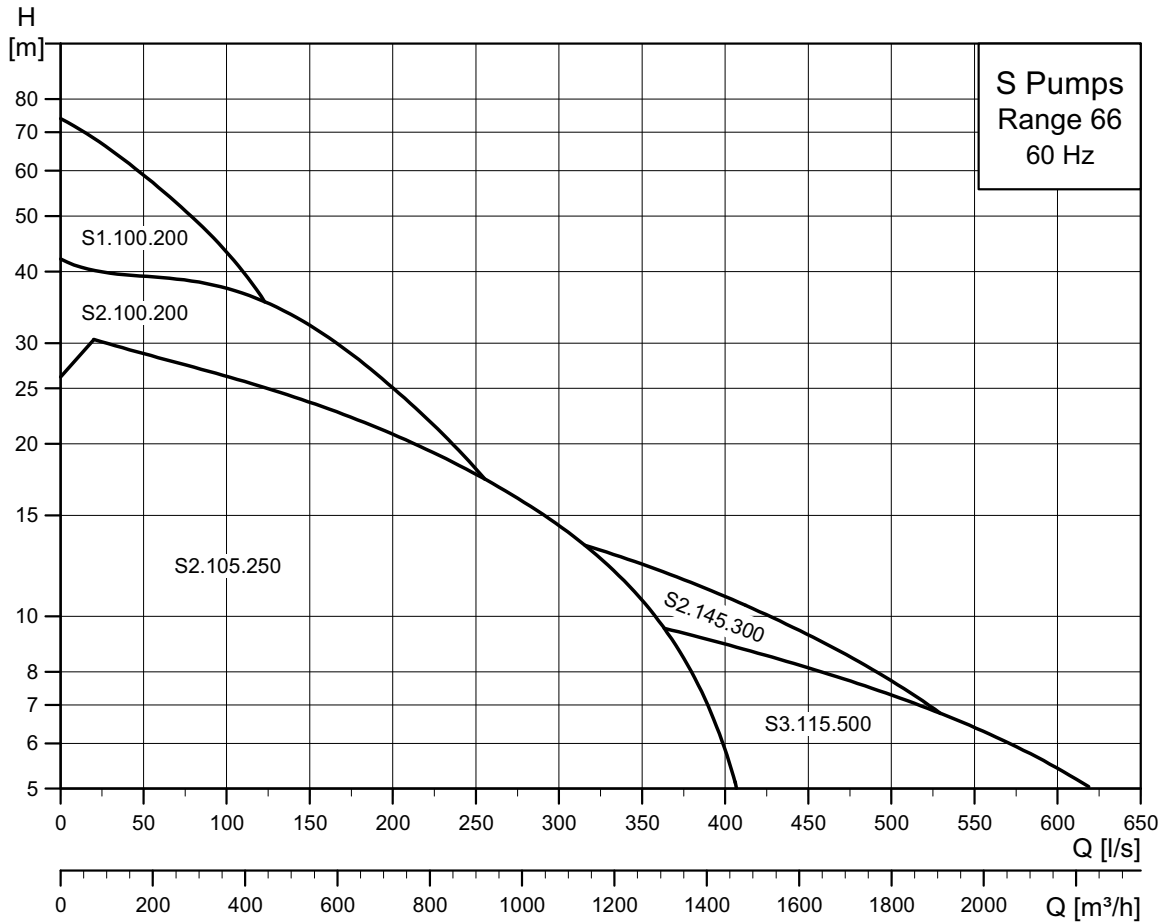
P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price	MPG WC
54	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S1.30.A50.540.4.62H.S.320.G.Ex.D.611	97660708	33,907	
54	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S1.30.A50.540.4.62H.S.320.G.Ex.D.611.Z	98834704	34,660	
54	4	Low	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.540.4.62L.S.245.G.Ex.D.611.Z	98910782	37,889	
54	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S1.40.A50.540.4.62M.S.292.G.Ex.D.611	97660732	34,984	
54	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S1.40.A50.540.4.62M.S.292.G.Ex.D.611.Z	98910105	35,736	
56	4	High	Dry installation	S1BC4N8-F	S1.30.A50.540.4.62H.D.320.G.Ex.D.611	97660710	37,889	
56	4	High	Horizontal dry installation	S1BC4N8-F	S1.30.A50.540.4.62H.H.320.G.Ex.D.611	97660731	40,042	
56	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.30.A50.540.4.62H.C.320.G.Ex.D.611	97660709	35,736	
56	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.30.A50.540.4.62H.C.320.G.Ex.D.611.Z	98910079	36,598	
56	4	Low	Dry installation	S1BC4N8-F	S2.40.A80.540.4.62L.D.245.G.Ex.D.611	97660742	41,118	
56	4	Low	Horizontal dry installation	S1BC4N8-F	S2.40.A80.540.4.62L.H.245.G.Ex.D.611	97660743	43,271	
56	4	Low	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.540.4.62L.C.245.G.Ex.D.611	97660741	38,966	
56	4	Low	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.540.4.62L.C.245.G.Ex.D.611.Z	98910783	39,827	
56	4	Medium	Dry installation	S1BC4N8-F	S1.40.A50.540.4.62M.D.292.G.Ex.D.611	97660734	38,966	
56	4	Medium	Horizontal dry installation	S1BC4N8-F	S1.40.A50.540.4.62M.H.292.G.Ex.D.611	97660735	41,118	
56	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A50.540.4.62M.C.292.G.Ex.D.611	97660733	36,813	
56	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A50.540.4.62M.C.292.G.Ex.D.611.Z	98910748	37,674	
64	4	Low	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.700.4.62L.S.256.G.Ex.D.611	97660744	39,227	

S-RANGE - FRAME 62

SUBMERSIBLE WASTEWATER PUMPS ► S-RANGE - FRAME SIZE 62 (15-50KW)

Continuation

P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
64	4	Low	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.700.4.62L.S.256.G.Ex.D.611.Z	98912227	40,042
64	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S1.40.A50.700.4.62M.S.308.G.Ex.D.611	97660748	37,136
64	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S1.40.A50.700.4.62M.S.308.G.Ex.D.611.Z	98912686	37,889
65	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S1.30.A50.700.4.62H.S.334.G.Ex.D.611	97660736	36,060
65	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S1.30.A50.700.4.62H.S.334.G.Ex.D.611.Z	98910763	36,813
70	4	High	Dry installation	S1BC4N8-F	S1.30.A50.700.4.62H.D.334.G.Ex.D.611	97660738	40,042
70	4	High	Horizontal dry installation	S1BC4N8-F	S1.30.A50.700.4.62H.H.334.G.Ex.D.611	97660739	42,195
70	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.30.A50.700.4.62H.C.334.G.Ex.D.611	97660737	37,889
70	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.30.A50.700.4.62H.C.334.G.Ex.D.611.Z	98910781	38,750
70	4	Low	Dry installation	S1BC4N8-F	S2.40.A80.700.4.62L.D.256.G.Ex.D.611	97660746	43,271
70	4	Low	Horizontal dry installation	S1BC4N8-F	S2.40.A80.700.4.62L.H.256.G.Ex.D.611	97660747	45,424
70	4	Low	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.700.4.62L.C.256.G.Ex.D.611	97660745	41,118
70	4	Low	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.700.4.62L.C.256.G.Ex.D.611.Z	98912228	41,980
70	4	Medium	Dry installation	S1BC4N8-F	S1.40.A50.700.4.62M.D.308.G.Ex.D.611	97660750	41,118
70	4	Medium	Horizontal dry installation	S1BC4N8-F	S1.40.A50.700.4.62M.H.308.G.Ex.D.611	97660751	43,271
70	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A50.700.4.62M.C.308.G.Ex.D.611	97660749	38,966
70	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A50.700.4.62M.C.308.G.Ex.D.611.Z	98912687	39,827
79	4	High	Dry installation	S1BC4N8-F	S1.30.A50.790.4.62H.D.351.G.Ex.D.611	97660762	41,872
79	4	High	Horizontal dry installation	S1BC4N8-F	S1.30.A50.790.4.62H.H.351.G.Ex.D.611	97660763	44,025
79	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.30.A50.790.4.62H.C.351.G.Ex.D.611	97660761	39,720
79	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.30.A50.790.4.62H.C.351.G.Ex.D.611.Z	98914089	40,581
79	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S1.30.A50.790.4.62H.S.351.G.Ex.D.611	97660760	37,889
79	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S1.30.A50.790.4.62H.S.351.G.Ex.D.611.Z	98914088	38,643
79	4	Low	Dry installation	S1BC4N8-F	S2.40.A80.790.4.62L.D.272.G.Ex.D.611	97660758	45,102
79	4	Low	Horizontal dry installation	S1BC4N8-F	S2.40.A80.790.4.62L.H.272.G.Ex.D.611	97660759	47,254
79	4	Low	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.790.4.62L.C.272.G.Ex.D.611	97660757	42,949
79	4	Low	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.790.4.62L.C.272.G.Ex.D.611.Z	98914086	43,810
79	4	Low	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.790.4.62L.S.272.G.Ex.D.611	97660756	41,118
79	4	Low	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.790.4.62L.S.272.G.Ex.D.611.Z	98912744	41,872
79	4	Medium	Dry installation	S1BC4N8-F	S1.40.A50.790.4.62M.D.326.G.Ex.D.611	97660754	42,949
79	4	Medium	Horizontal dry installation	S1BC4N8-F	S1.40.A50.790.4.62M.H.326.G.Ex.D.611	97660755	45,102
79	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A50.790.4.62M.C.326.G.Ex.D.611	97660753	40,796
79	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A50.790.4.62M.C.326.G.Ex.D.611.Z	98912741	41,657
79	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S1.40.A50.790.4.62M.S.326.G.Ex.D.611	97660752	38,966



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List of pump curves

3 x 380/660 V

Pump type	Pressure range	Curve chart on page
S3.115.500.570.8.66L	Low	40
S2.100.200.730.4.66M	Medium	44
S2.145.300.320.8.66M		
S2.145.300.410.8.66M		48
S2.145.300.570.8.66M	High	52
S1.100.200.730.4.66H		
S2.105.250.570.8.66H		56

3 x 460 V

Pump type	Pressure range	Curve chart on page
S3.115.500.570.8.66L	Low	42
S2.100.200.730.4.66M	Medium	46
S2.145.300.320.8.66M		
S2.145.300.410.8.66M		50
S2.145.300.570.8.66M	High	54
S1.100.200.730.4.66H		
S2.105.250.570.8.66H		58

S-RANGE - FRAME 66

SUBMERSIBLE WASTEWATER PUMPS ► S-RANGE - FRAME SIZE 66 (22-65KW)

S-RANGE - FRAME 66: SEWAGE PUMPS FOR SUBMERGED INSTALLATION

S pumps are designed to handle unscreened raw sewage or raw water in wastewater/water infrastructure and industrial applications. The scope of the S range lets it be used for sewage/liquid handling on any scale.

The S-pumps are available with high efficient 1, 2 or 3-channel impellers or Super Vortex impeller allowing for free passage of solids from 3.5" to 5.7". Impellers can be delivered in stainless steel for corrosive liquids.

Typical application areas include:

- Sewage pumping stations
- Wastewater treatment plants
- Raw/potable water intake and distribution
- Industry/corrosive liquids
- Large-scale buildings
- Building facilities (car parks, hotel facilities, etc.)

S pumps are suitable in submerged installations for both temporary and permanent use, whereas dry-installed pumps can be installed both vertically and horizontally.



Pumped liquid: pH value : 4-10

Liquid temperature: 32-104 °F (0-40 °C)

Impeller types: 1-Channel / 2-Channel / 3-Channel

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 165 ft

Screened cable for frequency converter available on request **Supply voltage:** 3 x 460 Volt 60 Hz

Maximum installation depth: 66 ft

Motor protection: PTC Thermal protection on standard range

MPG 7H

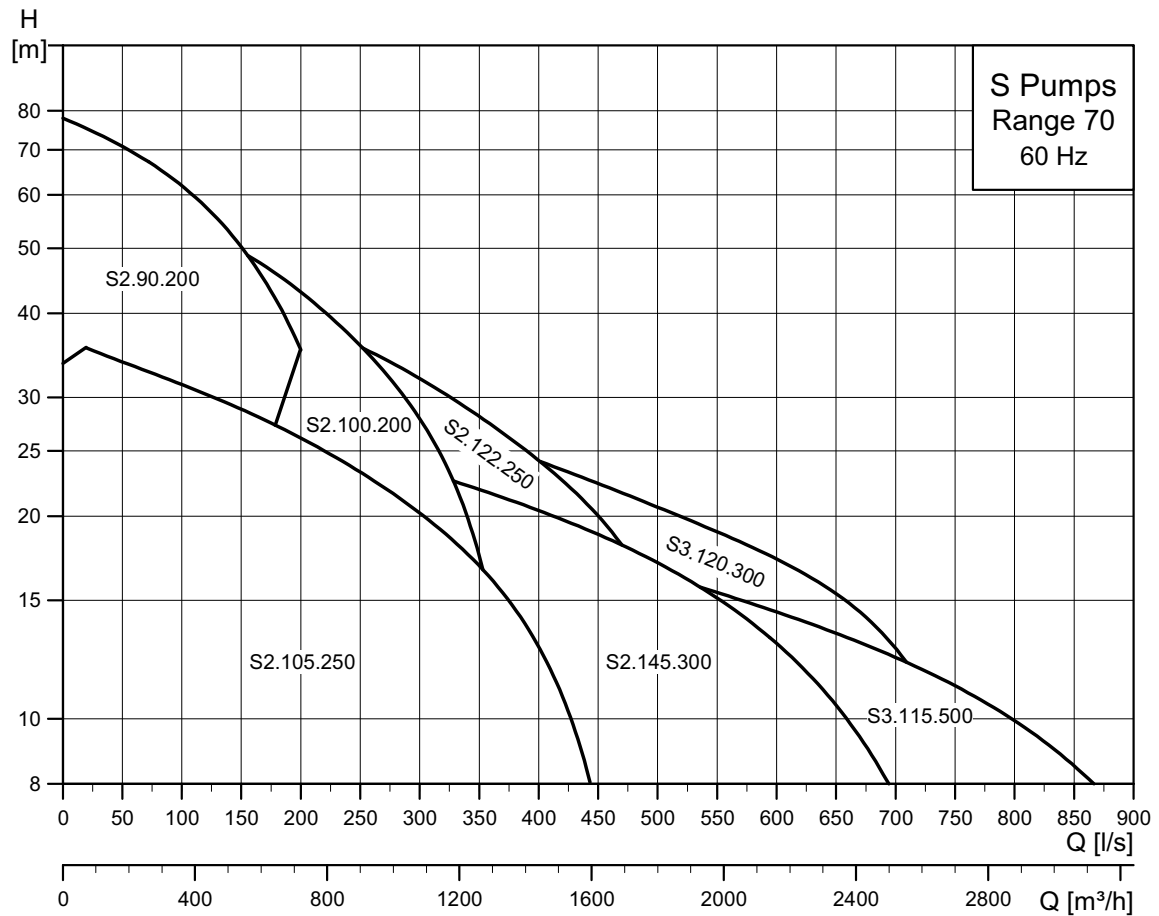
P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
55	8	Medium	Submerged w/o cooling jacket	H07RN-F AT	S2.55.A120.550.8.66M.S.408.G.N.D.611	97632258	O.R.
76	8	High	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A100.760.8.66H.C.489.G.Ex.D.611	99442954	O.R.
76	8	High	Submerged w. cooling jacket	S1BC4N8-F	S2.45.A100.760.8.66H.C.465.G.Ex.D.611.Z	98917907	62,528
76	8	High	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A100.760.8.66H.S.489.G.Ex.D.611	99442953	63,508
76	8	Low	Dry installation	S1BC4N8-F	S3.45.A200.760.8.66L.D.371.G.Ex.D.611	97708937	75,348
76	8	Low	Horizontal dry installation	S1BC4N8-F	S3.45.A200.760.8.66L.H.371.G.Ex.D.611	97708938	78,577
76	8	Low	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A200.760.8.66L.C.371.G.Ex.D.611	97708936	76,424
76	8	Low	Submerged w/o cooling jacket	S1BC4N8-F	S3.45.A200.760.8.66L.S.371.G.Ex.D.611	97708935	71,042
76	8	Medium	Dry installation	S1BC4N8-F	S2.55.A120.760.8.66M.D.435.G.Ex.D.611	97708929	72,119
76	8	Medium	Horizontal dry installation	S1BC4N8-F	S2.55.A120.760.8.66M.H.435.G.Ex.D.611	97708930	75,348
76	8	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.55.A120.760.8.66M.C.435.G.Ex.D.611	97708928	71,042
76	8	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.55.A120.760.8.66M.C.435.G.Ex.D.611.Z	98918040	73,195
76	8	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S2.55.A120.760.8.66M.S.435.G.Ex.D.611	97708927	65,649
98	4	High	Dry installation	S1BC4N8-F	S1.40.A80.980.4.66H.D.358.G.Ex.D.611	97708921	54,896
98	4	High	Horizontal dry installation	S1BC4N8-F	S1.40.A80.980.4.66H.H.358.G.Ex.D.611	97708922	57,049
98	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A80.980.4.66H.C.358.G.Ex.D.611	97708870	52,744
98	4	High	Submerged w. cooling jacket	S1BC4N8-F	S1.40.A80.980.4.66H.C.358.G.Ex.D.611.Z	98917151	54,896
98	4	Medium	Dry installation	S1BC4N8-F	S2.40.A80.980.4.66M.D.301.G.Ex.D.611	97708933	55,973
98	4	Medium	Horizontal dry installation	S1BC4N8-F	S2.40.A80.980.4.66M.H.301.G.Ex.D.611	97708934	58,126
98	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.980.4.66M.C.301.G.Ex.D.611	97708932	53,820

S-RANGE - FRAME 66

SUBMERSIBLE WASTEWATER PUMPS ► S-RANGE - FRAME SIZE 66 (22-65KW)

Continuation

P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
98	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.980.4.66M.C.301.G.Ex.D.611.Z	98918131	55,973
98	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.980.4.66M.S.301.G.Ex.D.611	97708931	47,362



List of pump curves

3 x 380/660 V

Pump type	Pressure range	Curve chart on page
S3.115.500.800.8.70L	Low	40
S3.115.500.1400.6.70L		
S2.100.200.1000/1200.4.70M	Medium	44
S2.145.300.1100.6.70M		
S3.120.300.800.8.70M		
S3.120.300.1400.6.70M	High	48
S2.90.200.1000/1200.2.70H		
S2.105.250.800.8.70H		
S2.122.250.1100/1400.6.70H		

3 x 460 V

Pump type	Pressure range	Curve
S3.115.500.800.8.70L	Low	---
S3.115.500.1400.6.70L		
S2.100.200.1000/1200.4.70M	Medium	---
S2.145.300.1100.6.70M		
S3.120.300.800.8.70M		
S3.120.300.1400.6.70M	High	---
S2.90.200.1000/1200.2.70H		
S2.105.250.800.8.70H		
S2.122.250.1100/1400.6.70H		

S-RANGE - FRAME 70: LARGE SEWAGE PUMPS FOR SUBMERGED INSTALLATION - 1, 2 & 3 CHANNEL

S pumps are designed to handle unscreened raw sewage or raw water in wastewater/water infrastructure and industrial applications. The scope of the S range lets it be used for sewage/liquid handling on any scale.

The S-pumps are available with high efficient 1, 2 or 3-channel impellers or Super Vortex impeller allowing for free passage of solids from 3.5" to 5.7". Impellers can be delivered in stainless steel for corrosive liquids.

Typical application areas include:

- Sewage pumping stations
- Wastewater treatment plants
- Raw/potable water intake and distribution
- Industry/corrosive liquids
- Large-scale buildings
- Building facilities (car parks, hotel facilities, etc.)

S pumps are suitable in submerged installations for both temporary and permanent use, whereas dry-installed pumps can be installed both vertically and horizontally.



Pumped liquid: pH value : 4-10

Liquid temperature: 32-104 °F (0-40 °C)

Impeller types: 1-Channel / 2-Channel / 3-Channel

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 165 ft

Screened cable for frequency converter available on request **Supply voltage:** 3 x 460 Volt 60 Hz

Maximum installation depth: 66 ft

Motor protection: PTC Thermal protection on standard range

MPG WC

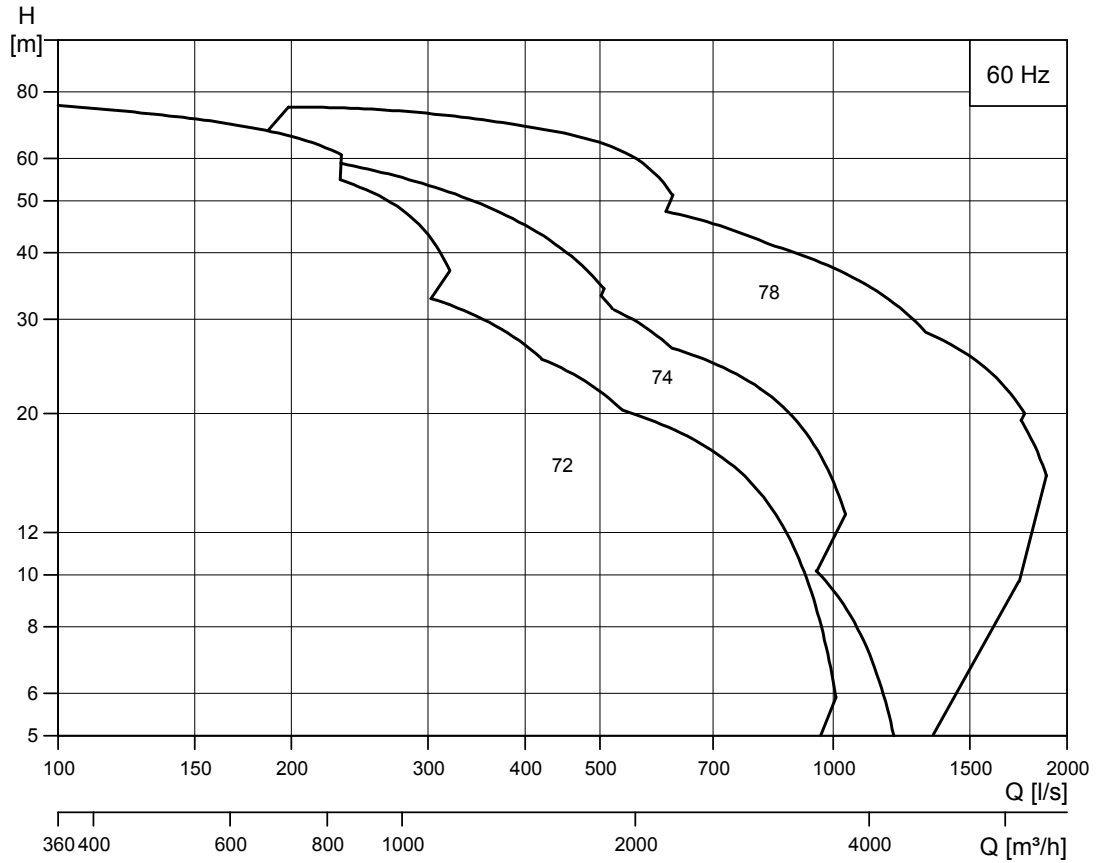
P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
107	8	Low	Dry installation	S1BC4N8-F	S3.45.A200.1070.8.70L.D.402.G.Ex.D.611	97660810	79,654
107	8	Low	Horizontal dry installation	S1BC4N8-F	S3.45.A200.1070.8.70L.H.402.G.Ex.D.611	97660811	82,883
107	8	Low	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A200.1070.8.70L.C.402.G.Ex.D.611	97660809	78,577
107	8	Low	Submerged w/o cooling jacket	S1BC4N8-F	S3.45.A200.1070.8.70L.S.402.G.Ex.D.611	97660808	73,195
107	8	Medium	Dry installation	S1BC4N8-F	S3.45.A120.1070.8.70M.D.442.G.Ex.D.611	97660814	77,501
107	8	Medium	Horizontal dry installation	S1BC4N8-F	S3.45.A120.1070.8.70M.H.442.G.Ex.D.611	97660815	80,730
107	8	Medium	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A120.1070.8.70M.C.442.G.Ex.D.611	97660813	73,195
107	8	Medium	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A120.1070.8.70M.C.442.G.Ex.D.611.Z	98918254	72,450
107	8	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S3.45.A120.1070.8.70M.S.442.G.Ex.D.611	97660812	67,813
127	4	Medium	Dry installation	S1BC4N8-F	S2.40.A80.1270.4.70M.D.332.G.Ex.D.611	97660773	63,508
127	4	Medium	Horizontal dry installation	S1BC4N8-F	S2.40.A80.1270.4.70M.H.332.G.Ex.D.611	97660774	65,660
127	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.1270.4.70M.C.332.G.Ex.D.611	97660772	57,049
127	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.1270.4.70M.C.332.G.Ex.D.611.Z	98918212	59,202
127	4	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A80.1270.4.70M.S.332.G.Ex.D.611	97660771	51,667
147	6	Medium	Dry installation	S1BC4N8-F	S2.55.A120.1470.6.70M.D.420.G.Ex.D.611	97660782	80,730
147	6	Medium	Horizontal dry installation	S1BC4N8-F	S2.55.A120.1470.6.70M.H.420.G.Ex.D.611	97660783	83,959
147	6	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.55.A120.1470.6.70M.C.420.G.Ex.D.611	97660781	73,195
147	6	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.55.A120.1470.6.70M.C.420.G.Ex.D.611.Z	98918220	72,450
147	6	Medium	Submerged w/o cooling jacket	S1BC4N8-F	S2.55.A120.1470.6.70M.S.420.G.Ex.D.611	97660780	67,813
161	4	Medium	Dry installation	S1BN8-F	S2.40.A80.1610.4.70M.D.355.G.Ex.D.611	97660790	66,737
161	4	Medium	Horizontal dry installation	S1BN8-F	S2.40.A80.1610.4.70M.H.355.G.Ex.D.611	97660791	68,890

S-RANGE - FRAME 70

SUBMERSIBLE WASTEWATER PUMPS ► S-RANGE - FRAME SIZE 70 (65-160KW)

Continuation

P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
161	4	Medium	Submerged w. cooling jacket	S1BN8-F	S2.40.A80.1610.4.70M.C.355.G.Ex.D.611	97660789	62,431
161	4	Medium	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A80.1610.4.70M.C.355.G.Ex.D.611.Z	98918239	64,584
161	4	Medium	Submerged w/o cooling jacket	S1BN8-F	S2.40.A80.1610.4.70M.S.355.G.Ex.D.611	97660788	57,049
188	6	Low	Dry installation	S1BC4N8-F	S3.45.A200.1880.6.70L.D.371.G.Ex.D.611	97660802	87,188
188	6	Low	Horizontal dry installation	S1BC4N8-F	S3.45.A200.1880.6.70L.H.371.G.Ex.D.611	97660803	90,418
188	6	Low	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A200.1880.6.70L.C.371.G.Ex.D.611	97660801	82,883
188	6	Low	Submerged w/o cooling jacket	S1BC4N8-F	S3.45.A200.1880.6.70L.S.371.G.Ex.D.611	97660800	77,501
188	6	Medium	Dry installation	S1BC4N8-F	S3.45.A120.1880.6.70M.D.407.G.Ex.D.611	97660806	83,959
188	6	Medium	Horizontal dry installation	S1BC4N8-F	S3.45.A120.1880.6.70M.H.407.G.Ex.D.611	97660807	87,188
188	6	Medium	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A120.1880.6.70M.C.407.G.Ex.D.611	97660805	78,577
188	6	Medium	Submerged w. cooling jacket	S1BC4N8-F	S3.45.A120.1880.6.70M.C.407.G.Ex.D.611.Z	98918242	77,625



List of pump curves

Range 72

Pump type	Poles	Pressure range	Curve chart on page
S3.135.500.xxxx	8	Low	52
S2.100.300.xxxx	6	Medium	54
S3.120.500.xxxx	8		56
S2.100.250.xxxx	6	High	58
S3.110.300.xxxx	8		60
S2.90.250.xxxx	6	Super-high	62

Range 74

Pump type	Poles	Pressure range	Curve chart on page
ST3.135.1200.xxxx	10, 12	Extra-low	64
S3.135.600.xxxx	10, 12		66
S3.135.500.xxxx	8	Low	68
S2.100.300.xxxx	6	Medium	70
S3.120.500.xxxx	8		72
S2.100.300.xxxx	6	High	74
S3.110.300.xxxx	8		76

Range 78

Pump type	Poles	Pressure range	Curve chart on page
ST4.135.1400.xxxx	10	Extra-low	78
ST4.135.1400.xxxx	12, 14		80
S4.135.600.xxxx	12, 14		82
S4.135.600.xxxx	10	Low	84
S3.145.500.xxxx	12		86
S3.145.500.xxxx	10	Medium	88
S3.130.500.xxxx	12		90
S3.130.500.xxxx	10		92
S3.115.500.xxxx	10		94

S-RANGE - FRAME 74

SUBMERSIBLE WASTEWATER PUMPS ► S-RANGE - FRAME SIZE 74

S-RANGE - FRAME 74: SEWAGE PUMPS FOR SUBMERGED INSTALLATION

S pumps are designed to handle unscreened raw sewage or raw water in wastewater/water infrastructure and industrial applications. The scope of the S range lets it be used for sewage/liquid handling on any scale.

The S-pumps are available with high efficient 1, 2 or 3-channel impellers or Super Vortex impeller allowing for free passage of solids from 3.5" to 5.7". Impellers can be delivered in stainless steel for corrosive liquids.

Typical application areas include:

- Sewage pumping stations
- Wastewater treatment plants
- Raw/potable water intake and distribution
- Industry/corrosive liquids
- Large-scale buildings
- Building facilities (car parks, hotel facilities, etc.)

S pumps are suitable in submerged installations for both temporary and permanent use, whereas dry-installed pumps can be installed both vertically and horizontally.



Pumped liquid: pH value : 4-10

Liquid temperature: 32-104 °F (0-40 °C)

Impeller types: 1-Channel / 2-Channel / 3-Channel

Cable length: Standard 49 ft - Alternative lengths: 82 ft, 165 ft

Screened cable for frequency converter available on request **Supply voltage:** 3 x 460 Volt 60 Hz

Maximum installation depth: 66 ft

Motor protection: PTC Thermal protection on standard range

MPG WC

P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
107	8	High	Submerged w. cooling jacket	S1BC4N8-F	S2.40.A100.1070.8.70H.C.523.G.Ex.D.611	99442999	O.R.
107	8	High	Submerged w/o cooling jacket	S1BC4N8-F	S2.40.A100.1070.8.70H.S.523.G.Ex.D.611	99442998	O.R.
127	4	High	Dry installation	S1BC4N8-F	S2.35.A80.1270.4.70H.D.340.G.Ex.D.611	97660729	58,126
127	4	High	Horizontal dry installation	S1BC4N8-F	S2.35.A80.1270.4.70H.H.340.G.Ex.D.611	97660730	60,278
127	4	High	Submerged w. cooling jacket	S1BC4N8-F	S2.35.A80.1270.4.70H.C.340.G.Ex.D.611	97660728	55,973
127	4	High	Submerged w. cooling jacket	S1BC4N8-F	S2.35.A80.1270.4.70H.C.340.G.Ex.D.611.Z	98918197	58,126
127	4	High	Submerged w/o cooling jacket	S1BC4N8-F	S2.35.A80.1270.4.70H.S.340.G.Ex.D.611	97660727	50,591
147	6	High	Dry installation	S1BC4N8-F	S2.45.A100.1470.6.70H.D.443.G.Ex.D.611	97660777	78,577
147	6	High	Horizontal dry installation	S1BC4N8-F	S2.45.A100.1470.6.70H.H.443.G.Ex.D.611	97660779	81,806
147	6	High	Submerged w. cooling jacket	S1BC4N8-F	S2.45.A100.1470.6.70H.C.443.G.Ex.D.611	97660776	72,119
147	6	High	Submerged w. cooling jacket	S1BC4N8-F	S2.45.A100.1470.6.70H.C.443.G.Ex.D.611.Z	98918219	71,415
147	6	High	Submerged w/o cooling jacket	S1BC4N8-F	S2.45.A100.1470.6.70H.S.443.G.Ex.D.611	97660775	66,737
161	4	High	Dry installation	S1BN8-F	S2.35.A80.1610.4.70H.D.361.G.Ex.D.611	97660786	63,508
161	4	High	Horizontal dry installation	S1BN8-F	S2.35.A80.1610.4.70H.H.361.G.Ex.D.611	97660787	65,660
161	4	High	Submerged w. cooling jacket	S1BN8-F	S2.35.A80.1610.4.70H.C.361.G.Ex.D.611	97660785	O.R.
161	4	High	Submerged w. cooling jacket	S1BC4N8-F	S2.35.A80.1610.4.70H.C.361.G.Ex.D.611.Z	98918231	63,508
161	4	High	Submerged w/o cooling jacket	S1BN8-F	S2.35.A80.1610.4.70H.S.361.G.Ex.D.611	97660784	55,973
188	6	High	Dry installation	S1BC4N8-F	S2.45.A100.1880.6.70H.D.465.G.Ex.D.611	97660794	81,806
188	6	High	Horizontal dry installation	S1BC4N8-F	S2.45.A100.1880.6.70H.H.465.G.Ex.D.611	97660795	85,036
188	6	High	Submerged w. cooling jacket	S1BC4N8-F	S2.45.A100.1880.6.70H.C.465.G.Ex.D.611	97660793	75,348

S-RANGE - FRAME 74

SUBMERSIBLE WASTEWATER PUMPS ► S-RANGE - FRAME SIZE 74

Continuation

P2 [HP]	Poles	Lift class	Installation	Cable type	Product name	Part Number	Price
188	6	High	Submerged w. cooling jacket	S1BC4N8-F	S2.45.A100.1880.6.70H.C.465.G.Ex.D.611.Z	98918240	74,520
188	6	High	Submerged w/o cooling jacket	S1BC4N8-F	S2.45.A100.1880.6.70H.S.465.G.Ex.D.611	97660792	69,966

SMD

SUBMERSIBLE MIXERS AND FLOW MAKERS ► SUBMERSIBLE MIXERS

SMD: DIRECT DRIVE MIXER

The Grundfos range of horizontal submersible SMD mixers is designed for applications involving the mixing, i.e. the homogenization and suspension, of low- to medium-viscosity liquids. The SMD mixers are fully made of stainless steel. The energy-efficient propeller is directly driven by the motor.

- Intermittent operation
- The motor is not designed for operation via a frequency converter
- Fitted with thermal switch in the motor windings
- 49ft motor lead
- SMD requires a slide accessory P/N 95040078 if replacing AMD on guide rails

The products are equipped with IE3 motor components and are designed for mixing and flow making in the following applications:

Sewage treatment plants

- Pumping stations (stormwater tanks)
- tanks for biological treatment of activated sludge
- tanks for primary wastewater treatment
- tanks for secondary wastewater treatment
- tanks for digested sludge treatment
- sludge storage tanks
- sludge-thickening tanks
- homogenization tanks
- tanks for digesting processes
- tanks for degassing and lime storage.

Industry

- Pulp and paper industry
- paint and dyestuff industry
- chemical industry
- other industries working with homogenization processes.

FM Approval (Explosion Proof): Class I, Division 1, Groups C and D, T4, Ta = 41°F to 104°F, IP68, Ex db IIB T4 Gb Ta = 41°F to 104°F, IP68

Pumped liquid: pH value: 4 - 10

Liquid temperature: 41°F to 104°F

Maximum dynamic viscosity: ≤ 250 cSt (mPa·s)

Supply voltage: 3 x 460 V 60 Hz

Length of cable: 49 ft

Cable type: S1BN8-F 11G1.5

Type of cable plug: None

Max dry solids content: 4%

Propeller material: AISI 316

Motor Housing: AISI 316



MPG WA

The frame is overset	Shipping Weight [LBS]	Cable Length [ft]	Propeller diameter	Product name	Part Number	Price
P2 [HP] 3 x 460V						

Continuation

P2 [HP]	Axial thrust [N]	Poles	Shipping Weight [LBS]	Cable Length [ft]	Propeller diameter	Product name	Part Number	Price
1.30	160.0	4	77.1600	33.0000	180.0000	SMD.13.7.1775.6.0H 10m MS	98996012	6,028
1.70	240.0	4	77.1600	33.0000	210.0000	SMD.17.8.1765.6.0H 10m MS	98996013	6,529
2.30	340.0	4	77.1600	33.0000	250.0000	SMD.23.10.1750.6.0H 10m MS	98996014	7,102
1.30	160.0	4	79.3700	33.0000	180.0000	SMD.13.7.1775.T.6.0H 10m MS	98996009	6,028
1.70	240.0	4	79.3700	33.0000	210.0000	SMD.17.8.1765.T.6.0H 10m MS	98996010	6,529
2.30	340.0	4	79.3700	33.0000	250.0000		98996011	7,102
1.30	160.0	4	81.5700	49.0000	180.0000	SMD.13.7.1775.6.0H 15m MS	98996021	6,314
1.70	240.0	4	81.5700	49.0000	210.0000	SMD.17.8.1765.6.0H 15m MS	98996022	6,817
2.30	340.0	4	81.5700	49.0000	250.0000	SMD.23.10.1750.6.0H 15m MS	98996023	7,390
1.30	160.0	4	83.7800	49.0000	180.0000	SMD.13.7.1775.T.6.0H 15m MS	98996018	6,314
1.70	240.0	4	83.7800	49.0000	210.0000	SMD.17.8.1765.T.6.0H 15m MS	98996019	6,817
2.30	340.0	4	83.7800	49.0000	250.0000		98996020	7,390
3 x 460VΔ								
3.00	460.0	6	141.1000	33.0000	290.0000	SMD.30.11.1182.6.1H 10m MS	98996015	8,610
3.80	610.0	6	141.1000	33.0000	320.0000	SMD.38.13.1178.6.1H 10m MS	98996016	9,327
4.70	800.0	6	141.1000	33.0000	370.0000	SMD.47.15.1170.6.1H 10m MS	98996017	10,044
3.00	460.0	6	147.7100	49.0000	290.0000	SMD.30.11.1182.6.1H 15m MS	98996024	8,896
3.80	610.0	6	147.7100	49.0000	320.0000	SMD.38.13.1178.6.1H 15m MS	98996025	9,615

SMG: SUBMERSIBLE MIXER

The Grundfos range of horizontal submersible SMG mixers is designed for applications involving the mixing, i.e. the homogenization and suspension, of low to medium-viscosity liquids. The mixers are equipped with a gearbox and an energy-efficient propeller.

The products are equipped with IE3 motor components and are designed for mixing and flow-making in the following applications:

Sewage treatment plants

- Pumping stations (stormwater tanks)
- tanks for biological treatment of activated sludge
- tanks for primary wastewater treatment
- tanks for secondary wastewater treatment
- tanks for digested sludge treatment
- sludge storage tanks
- sludge-thickening tanks
- homogenization tanks
- tanks for digesting processes
- tanks for degassing and lime storage.

Industry

- Pulp and paper industry
- paint and dyestuff industry
- chemical industry
- other industries working with homogenization processes.

Enclosure class: IP 68

Insulation class: F

Max dry solids concentration: 8%

Transmission: Gear Drive

Pumped liquid: pH value: 4 - 10

Liquid temperature: 41°F to 104°F

Maximum dynamic viscosity: ≤ 500 cSt (mPa·s)

Supply voltage: 3 x 460 V 60 Hz

Number of poles: 4 Poles

Length of cable: 49 ft

Propeller material: AISI 316



MPG WA

Propeller diameter	RPM [min-1]	Cable Length [ft]	EX.	Part Number	Price
3 x 460V					
550	1167	33.0		98788060	9,039
550	1167	49.0		98788105	9,353
630	1167	33.0		98788061	9,470

SMG / Mounting Bracket Options for SMD & AMD

SUBMERSIBLE MIXERS AND FLOW MAKERS ► SUBMERSIBLE MIXERS

Continuation

Propeller diameter	RPM [min-1]	Cable Length [ft]	EX.	Part Number	Price
630	1167	33.0		98788062	9,757
630	1167	49.0		98788106	9,721
630	1167	49.0		98788107	10,066
3 x 460VA					
710	1752	33.0		98788063	10,188
710	1752	33.0		98788064	10,474
710	1752	33.0		98788065	11,049
710	1752	33.0		98788066	11,479
710	1752	49.0		98788108	10,332
710	1752	49.0		98788109	10,762
710	1752	49.0		98788110	11,376
710	1752	49.0		98788111	11,767
860	1767	33.0		98788069	16,214
860	1767	33.0		98788070	17,649
860	1767	49.0		98788114	16,502
860	1767	49.0		98788115	18,020
860	1772	33.0		98788067	14,207
860	1772	33.0		98788068	14,924
860	1772	49.0		98788112	14,492
860	1772	49.0		98788113	15,209
900	1767	33.0		98788071	20,663

MOUNTING BRACKET OPTIONS FOR SMD & AMD MIXERS: MOUNTING BRACKET OPTIONS FOR SMD & AMD MIXERS

MPG AW

Short description	Shipping Weight [LBS]	SAP material group	Part Number	Price
Acc, Slide 60 complete SMD A4	7.7200	AFACC	95040078	805
FixBase floormount SMD.09-18.xx.T/ AMD.07	7.7200	AFACC	96115292	559
Bracket wall mount SMD.09-18.xx.T/ AMD.07	8.1600	AFACC	96115291	770
Fix bracket SMD.09-18.xx.T/AMD.07 316L	9.9200	AFACC	95040132	735
Motor bracket 50 AMG/SMG.09-40 304	19.8400	AFACC	95038219	1,472
Motor bracket 50 AMG/SMG.09-40 316L	19.8400	AFACC	95038220	1,822
Motor bracket 60 AMG/SMG.09-40 304	19.8400	AFACC	95038317	1,542
Motor bracket 60 AMG/SMG.09-40 316L	19.8400	AFACC	95038319	1,892
Motor bracket 70 AMG/SMG.09-40 304	19.8400	AFACC	95038280	1,613
Motor bracket 70 AMG/SMG.09-40 316L	19.8400	AFACC	95038321	2,467
Motor bracket 100AMG/SMG.09-40 A2 pack	22.0500	AFACC	95037471	1,892
Motor bracket 100 AMG/SMG.09-40 316L	22.0500	AFACC	95037472	2,874
Motor bracket 100AMG/SMG48-120 A2 pack	24.2500	AFACC	95037073	1,193
Motor bracket 100 AMG/SMG.48-120 316L	24.2500	AFACC	95037074	1,822
Motor bracket 100AMG/SMG140-185 A2 pack	26.4600	AFACC	95037075	1,333
Motor bracket 100 AMG/SMG.140-185 316L	26.4600	AFACC	95037076	1,961
Angle adj. Bracket 50 SMG.09-40 304	32.4100	AFACC	95038905	3,644
Angle adj. Bracket 50 SMG.09-40 316L	32.4100	AFACC	95038910	3,783
Angle adj. Bracket 80 SMG.09-40 304	32.4100	AFACC	95038350	3,783
Angle adj. Bracket 80 SMG.09-40 316L	32.4100	AFACC	95038360	4,063
Angle adj. Bracket 100 SMG.09-40 304	46.7400	AFACC	95038940	4,484
Angle adj. Bracket 100 SMG.09-40 316L	46.7400	AFACC	95038945	4,764
Angle adj. Bracket 100 SMG.48-120 304	46.7400	AFACC	95038370	4,063
Angle adj. Bracket 100 SMG.48-120 316L	46.7400	AFACC	95038380	4,204
Angle adj. Bracket 100 SMG.140-180 304	46.7400	AFACC	95038390	4,204
Angle adj. Bracket 100 SMG.140-180 316L	46.7400	AFACC	95038399	4,484

SFG: SUBMERSIBLE FLOWMAKERS

The Grundfos range of horizontal submersible SFG flowmakers are designed for applications involving the mixing of large volumes in biological treatment plants where the flowmakers help to keep solids suspended in the liquid.

The flowmakers are equipped with a gearbox and a large-diameter propeller for energy-efficiency.

The products are equipped with IE3 motor components.

Pumped liquid: pH value: 4 - 10

Liquid temperature: 32°F to 104°F

Supply voltage: 3 x 460 V 60 Hz

Length of cable: 49 ft

Cable type: S1BN8-F 11G1.5

Type of cable plug: None



MPG WB

Cable Length [ft]	RPM [min-1]	Propeller diameter	EX.	Product name	Part Number	Price
3 x 460VA						
33.0	1165	2600		SFG.67.102.35.6.1H 10m	98788101	30,708
33.0	1165	2600		SFG.82.102.38.6.1H 10m	98788102	31,856
33.0	1165	2600		SFG.98.102.40.6.1H 10m	98788103	33,291
33.0	1165	2600		SFG.110.102.42.6.1H 10m	98788104	33,577
33.0	1179	2600		SFG.30.102.29.6.1H 10m	98788097	27,550
33.0	1179	2600		SFG.43.102.34.6.1H 10m	98788098	28,841
33.0	1179	2600		SFG.48.102.35.6.1H 10m	98788099	29,273
33.0	1179	2600		SFG.60.102.38.6.1H 10m	98788100	29,991
33.0	1752	1300		SFG.23.51.68.6.1H 10m	98788075	16,789
33.0	1752	1300		SFG.30.51.74.6.1H 10m	98788076	17,075
33.0	1752	1300		SFG.39.51.82.6.1H 10m	98788077	17,219
33.0	1752	1300		SFG.44.51.85.6.1H 10m	98788078	17,363
33.0	1752	1300		SFG.48.51.88.6.1H 10m	98788079	17,506
33.0	1752	1800		SFG.23.71.43.6.1H 10m	98788083	18,989
33.0	1752	1800		SFG.30.71.48.6.1H 10m	98788084	19,228
33.0	1752	1800		SFG.39.71.53.6.1H 10m	98788085	19,514
33.0	1752	1800		SFG.47.71.53.6.1H 10m	98788086	19,801
33.0	1752	1800		SFG.55.71.54.6.1H 10m	98788087	20,089
33.0	1752	2300		SFG.26.91.37.6.1H 10m	98788092	20,806
33.0	1752	2300		SFG.30.91.39.6.1H 10m	98788093	21,380
33.0	1752	2300		SFG.34.91.39.6.1H 10m	98788094	21,667
33.0	1752	2300		SFG.43.91.42.6.1H 10m	98788095	22,671
33.0	1752	2300		SFG.55.91.46.6.1H 10m	98788096	23,102
49.0	1165	2600		SFG.67.102.35.6.1H 15m	98788146	30,994
49.0	1165	2600		SFG.82.102.38.6.1H 15m	98788147	32,142
49.0	1165	2600		SFG.98.102.40.6.1H 15m	98788148	33,702
49.0	1165	2600		SFG.110.102.42.6.1H 15m	98788149	33,864
49.0	1179	2600		SFG.30.102.29.6.1H 15m	98788142	27,838
49.0	1179	2600		SFG.43.102.34.6.1H 15m	98788143	29,128
49.0	1179	2600		SFG.48.102.35.6.1H 15m	98788144	29,559
49.0	1179	2600		SFG.60.102.38.6.1H 15m	98788145	30,277
49.0	1752	1300		SFG.23.51.68.6.1H 15m	98788120	17,075
49.0	1752	1300		SFG.30.51.74.6.1H 15m	98788121	17,363
49.0	1752	1300		SFG.39.51.82.6.1H 15m	98788122	17,506
49.0	1752	1300		SFG.44.51.85.6.1H 15m	98788123	17,649
49.0	1752	1300		SFG.48.51.88.6.1H 15m	98788124	17,794
49.0	1752	1800		SFG.23.71.43.6.1H 15m	98788128	19,171
49.0	1752	1800		SFG.30.71.48.6.1H 15m	98788129	19,546
49.0	1752	1800		SFG.39.71.53.6.1H 15m	98788130	19,848
49.0	1752	1800		SFG.47.71.53.6.1H 15m	98788131	20,089
49.0	1752	1800		SFG.55.71.54.6.1H 15m	98788132	20,376
49.0	1752	2300		SFG.26.91.37.6.1H 15m	98788137	21,139

Continuation

Cable Length [ft]	RPM [min ⁻¹]	Propeller diameter	EX.	Product name	Part Number	Price
49.0	1752	2300		SFG.30.91.39.6.1H 15m	98788138	21,667
49.0	1752	2300		SFG.34.91.39.6.1H 15m	98788139	21,954
49.0	1752	2300		SFG.43.91.42.6.1H 15m	98788140	22,958
49.0	1752	2300		SFG.55.91.46.6.1H 15m	98788141	23,418
3 x 460V						
33.0	1167	1300		SFG.10.51.50.6.0H 10m	98788072	15,927
33.0	1167	1300		SFG.14.51.57.6.0H 10m	98788073	16,071
33.0	1167	1300		SFG.19.51.64.6.0H 10m	98788074	16,448
33.0	1167	1800		SFG.10.71.32.6.0H 10m	98788080	17,794
33.0	1167	1800		SFG.14.71.36.6.0H 10m	98788081	18,224
33.0	1167	1800		SFG.19.71.41.6.0H 10m	98788082	18,511
33.0	1167	2300		SFG.10.91.26.6.0H 10m	98788088	20,231
33.0	1167	2300		SFG.12.91.28.6.0H 10m	98788089	20,376
33.0	1167	2300		SFG.16.91.31.6.0H 10m	98788090	20,520
33.0	1167	2300		SFG.22.91.35.6.0H 10m	98788091	20,628
49.0	1167	1300		SFG.10.51.50.6.0H 15m	98788117	16,235
49.0	1167	1300		SFG.14.51.57.6.0H 15m	98788118	16,431
49.0	1167	1300		SFG.19.51.64.6.0H 15m	98788119	16,789
49.0	1167	1800		SFG.10.71.32.6.0H 15m	98788125	18,080
49.0	1167	1800		SFG.14.71.36.6.0H 15m	98788126	18,525
49.0	1167	1800		SFG.19.71.41.6.0H 15m	98788127	18,870
49.0	1167	2300		SFG.10.91.26.6.0H 15m	98788133	20,520
49.0	1167	2300		SFG.12.91.28.6.0H 15m	98788134	20,663

SRG: SUBMERSIBLE RECIRCULATION PUMPS

Grundfos SRG recirculation pumps are designed for the pumping of sludge from one tank to another in sewage treatment plants and for other pump applications involving a high flow rate and low head.

The pumps are for 12 in (DN 300), 20 in (DN 500) and 32 in (DN 800) pipe diameters and have motors of 1.1 hp to 32 hp (0.8 to 24 kW).

The pumps incorporate a squirrel-case induction motor, a planetary gear and a cast stainless-steel impeller ensuring high resistance to wear and corrosion.

The 3-dimensional optimized hydraulic design ensures high efficiency.

Pumped liquid: Any Newtonian liquid

Liquid temperature: 41°F - 104°F

Density: 66.2 lb/ft³ (1060 kg/m³)

pH-value: range 4-10

Maximum dynamic viscosity : 500 cSt (mPas)

Maximum dry solids content : 1.5 %

Chloride content : Stainless steel (304 (1.4301)) ≤ 200 ppm (mg/l)

Mains frequency: 60 Hz

Rated voltage: 3 x 460 V

Max starts per. hour: 20

Motor: Cast iron Grade 25, AISI EN-GJL-250

Maximum installation depth: 66FT



MPG WB

Propeller diameter	RPM [min-1]	EX.	Part Number	Price
3 x 460VA				
300	513		98798312	14,677
300	607		98798313	15,443
300	722		98798314	16,537
300	805		98798315	17,760
300	3475		98798293	16,270
300	3475		98798294	17,492
300	3514		98798291	14,349
300	3514		98798292	15,143
500	254		98798316	23,529
500	299		98798317	24,738
500	363		98798318	26,150
500	406		98798319	28,854
500	1752		98798295	23,232
500	1767		98798298	28,619
500	1772		98798296	24,503
500	1772		98798297	25,915
800	260		98798320	37,370
800	308		98798321	38,770
800	334		98798322	41,544
800	355		98798323	40,040
800	374		98798324	43,370
800	418		98798326	45,237
800	1767		98798300	38,534
800	1767		98798301	41,271
800	1767		98798302	39,768
800	1767		98798303	43,200
800	1767		98798305	44,824
800	1772		98798299	37,135
3 x 460V				
300	524		98798307	13,120
300	628		98798308	13,256
300	720		98798309	13,392
300	805		98798310	13,502
300	883		98798311	13,627

Continuation

Propeller diameter	RPM [min-1]	EX.	Part Number	Price
300	3488		98798286	12,828
300	3488		98798287	12,953
300	3488		98798288	13,141

ACCESSORIES: FOR FLOW MAKERS

MPG AW

Short description	Part Number	Price
Bottom plate for AFG/SFG.xx-130 304	96489415	244
Bottom plate for AFG/SFG.xx-130 316L	96489416	386
Bottom plate for SFG.xx.180/230/260 304	96489411	701
Bottom plate for SFG.xx.180/230/260 316L	96489414	1,261
Depth blocker 120 AFG/SFG.xx.260 304	95036467	525
Depth blocker 120 AFG/SFG.xx.260 316L	95036468	876
Motor bracket 100 AFG/SFG.xx.130 304	95037077	2,382
Motor bracket 100 AFG/SFG.xx.130 316L	95037078	2,943
Motor bracket 120 AFG/SFG.xx.260 304	95036347	4,484
Motor bracket 120 AFG/SFG.xx.260 316L	95036424	6,586
Motor bracket 100 AFG/SFG.xx.180/230 304	95037079	2,663
Motorbracket 100 AFG/SFG.xx.180/230 316L	95037080	3,223
Support behind for AFG/SFG.xx.230 304	95036089	946
Support behind for AFG/SFG.xx.230 316L	95036090	1,681
Support behind for AFG/SFG.xx.260 304	95036471	1,753
Support behind for AFG/SFG.xx.260 316L	95036472	3,362
Support depth blocker AFG/SFG.xx.130 304	96115262	842
Support depth blocker AFG/SFG.xx.230 304	96115264	876
Support depth blocker AFG/SFG.xx.260 304	95036469	1,892
Support depth blocker SFG.xx.130 316L	96115263	1,333
Support depth blocker SFG.xx.230 316L	96115265	1,613
Support depth blocker SFG.xx.260 316L	95036470	3,154

LC 231 / LC 241

WASTEWATER CONTROL PANELS ► LC CONTROL PANELS

LC 231: COMPACT WASTEWATER SOLUTION WITH CERTIFIED MOTOR PROTECTION

MPG WD



LC231 SMALL WASTE WATER CONTROLS: COMPACT WASTEWATER SOLUTION WITH CERTIFIED MOTOR PROTECTION

The LC 231 pump controllers are designed for level control, monitoring and protection of Grundfos pumping systems one pumps or two pumps starting direct-on-line.

Features include:

- Supports both empty and fill applications
- >For use with analogue (eg level transmitter) or digital sensor (eg float switch)
- Grundfos Go support via Bluetooth
- Usage, alarm and warning log
- BMS options (CIM module required)

Product name	Part Number	Price
3 x 110-240		
LC 231 1x 1-9,6 DOL 3x460 PI UL	99369651	918
LC 231 2x 1-7,6 DOL 3x460 PI UL	99369652	1,151

LC 241: WASTE WATER LEVEL CONTROLLER OFFERING MODULARITY AND CUSTOMISATION

MPG WD



LC241 MODULAR WASTE WATER CONTROL: PANEL ENCLOSED WASTE WATER LEVEL CONTROLLER SOLUTION OFFERING MODULARITY AND CUSTOMISATION

LC241 level controllers offer a comprehensive range of features for waste water pumping systems with monitoring and control of one or two pumps. The LC241 is metal cabinet solution with both indoor and outdoor versions available. Its modularity gives the flexibility required for customised solutions to match your needs.

Features include:

- DOL and Soft Start Options
- Standard with Strobe and Audible alarms
- Support for both empty and filling applications
- For use with analogue level transmitters or digital float switches
- Easy setup wizard with Grundfos Go
- Alarms and Warning Logs
- BMS connectivity and much more

Product name	Part Number	Price
1 x 208-230		
LC 241 1x3-16 DOL 30 150 1x208/230 PO	99612826	3,685
LC 241 2x3-16 DOL 30 150 1x208/230 PO	99612827	4,773
1 x 220-240		
LC 241 1x 4-6,3 DOL 30 150 1x230 MI	99922184	O.R.
LC 241 1x 6-10 DOL 30 150 1x230 MI	99922185	O.R.
LC 241 1x 9-14 DOL 30 150 1x230 MI	99837497	O.R.
3 x 208-460		
LC 241 1x1-5 DOL 3x208/230/460 PO	99612799	3,293
LC 241 2x1-5 DOL 3x208/230/460 PO	99612816	4,129
LC 241 1x3-12 DOL 3x208/230/460 PO	99612800	3,425
LC 241 1x8-32 DOL 3x208/230/460 PO	99612801	3,590
LC 241 2x3-12 DOL 3x208/230/460 PO	99612817	4,129
LC 241 2x8-32 DOL 3x208/230/460 PO	99612818	4,417
3 x 230-575		
LC 241 1x1-5 DOL 3x230/460/575 PO	99612802	3,339
LC 241 2x1-5 DOL 3x230/460/575 PO	99612819	4,169
LC 241 1x3-12 DOL 3x230/460/575 PO	99612813	3,471
LC 241 1x8-32 DOL 3x230/460/575 PO	99612814	3,632
LC 241 2x3-12 DOL 3x230/460/575 PO	99612820	4,235
LC 241 2x8-32 DOL 3x230/460/575 PO	99612821	4,527
3 x 220-240/380-415		
LC 241 1x 2,5-4 DOL 3x400 MI	99837568	O.R.
LC 241 1x 4-6,3 DOL 3x400 MI	99837569	O.R.
LC 241 1x 6-10 DOL 3x400 MI	99837571	O.R.
LC 241 1x 9-14 DOL 3x400 MI	99837572	O.R.

Dedicated Controls and Accessories

WASTEWATER CONTROL PANELS ► ACCESSORIES FOR WASTEWATER CONTROL PANELS

DEDICATED CONTROLS AND ACCESSORIES: TO SUIT WASTEWATER APPLICATIONS

MPG WD



Various accessories for Wastewater applications. Contact Grundfos for expert advice on accessory selection in your Wastewater application.

Short description	Part Number	Price
Antenna directional 3G/4G HG w/cable	98851149	630
CU 362	98146953	2,427
GRM Antenna LTE 3 meter cable	99606613	142
GRM Antenna mounting bracket	99606614	37
J6A Cable Holder	99580668	136
Pump Over Temp/Seal Leak Relay incl. DIN & Flange socket, 24VAC (Single Relay)	99913081	511
Pump Over Temp/Seal Leak Relay incl. DIN & Flange socket, 120VAC (Single Relay)	99913093	511
Pump Over Temp/Seal Leak Relay incl. DIN & Flange socket, 24VAC (10-pack of Relays)	99913082	4,763
Pump Over Temp/Seal Leak Relay incl. DIN & Flange socket, 120VAC (10-pack of Relays)	99913094	4,763

Auto Coupling Adaptors / MOUNTING ADAPTORS

ACCESSORIES ► ACCESSORIES FOR WASTEWATER PUMPS

AUTO COUPLING ADAPTORS: ADAPTOR FOR MOUNTING GRUNDFOS PUMPS TO OTHER AUTO-COUPLINGS

MPG AW

Designed for	Inlet type	Inlet	Outlet type	Discharge [inch]	Material accessories	Part Number	Price
S	ANSI	5	ANSI	6	ASTM A48 CI	97626242	2,803
S	ANSI	12	ANSI	12	ASTM A48 CI	97510049	5,465
S	ANSI	20	ANSI	20	ASTM A48 CI	97510050	9,810
S	ANSI	24	ANSI	20	Cast iron	97510081	18,366
S	DIN	-	DIN	-	ASTM A48 CI	97695489	1,753
SE/SL	ANSI	6	ANSI	6	ASTM A48 CI	97626240	1,542
SE/SL/S	ANSI	3	ANSI	3	ASTM A48 CI	97626236	770
SE/SL/S	ANSI	3	ANSI	4	ASTM A48 CI	97626239	1,402
SE/SL/S	ANSI	4	ANSI	4	ASTM A48 CI	97626238	1,333
SE/SL/S	ANSI	4	ANSI	6	ASTM A48 CI	97626241	1,681
SE/SL/S	ANSI	8	ANSI	8	ASTM A48 CI	97506541	3,924
SE/SL/S	ANSI	10	ANSI	10	ASTM A48 CI	97510048	5,046
SEG	ANSI	1 1/2	NPT(F)	1 1/2	ASTM A48 CI	98245788	365
SEG/PS	ANSI	2	NPT(F)	2	ASTM A48 CI	98245790	435

MOUNTING ADAPTORS GRUNDFOS PUMPS TO OTHER AUTO-COUPLINGS: GRUNDFOS PUMPS TO OTHER AUTO-COUPLINGS

MPG AW

Short description	Part Number	Price
Adaptor claw DN150, 3" SE/SL Flygt	96003403	1,822
Guide claw ANSI 10" DCI	99340557	4,204

IGRH: INTERMEDIATE GUIDE RAIL BRACKETS

MPG AW



Short description	Part Number	Price
Guide rail holder	97918997	1,361
IGRH DN65 SS	96825119	211
IGRH DN80 SS	96825142	211
IGRH DN100 SS	96825161	244
IGRH DN150 SS	96887674	420
IGRH DN125/150 SS	96829331	455

BASE STAND: BASE STAND FOR VERTICAL DRY INSTALLATION

MPG AW



Base stand for vertical dry installation, including 90 ° elbow.

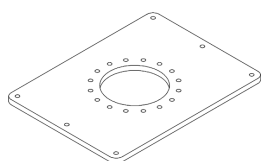
Galvanised steel.

With bolts, gaskets and anchor bolts

Short description	Part Number	Price
Extension feet SEG SS	96076196	217
Kit Elbow Adapter 90deg2"NPT x Sq Flg CI	98793801	1,376
Ringstand DN150, 5" hose con. HG	96102256	2,803
Ringstand DN150, R 6" con. HG	96102385	2,874
Ringstand DN200, 10" hose con. HG	96789480	4,484

BASE PLATES FOR DRY INSTALLATION: FOR VERTICAL DRY INSTALLATION

MPG AW



Short description	Part Number	Price
Base plate 16" Fr72-74	97698822	5,605

BASE STAND: BASE STAND FOR VERTICAL DRY INSTALLATION

MPG AW



Base stand for vertical dry installation, including 90 ° elbow.

Galvanised steel.

With bolts, gaskets and anchor bolts

Inlet type	Material accessories	Part Number	Price
		96835614	6,026
		96845469	2,803
		96856263	4,063
		96857815	4,695
		96857816	4,904
		97698825	11,330
Flange	Steel	96094523	3,783
Flange	Steel	96308238	5,893

LIFTING CHAIN

MPG AW



Lifting chain with with lifting link and shackle (320 & 500 kg) or safety hook (800kg). With certificates.

Material accessories	Length	Part Number	Price
AISI 316Ti	185.0	98538174	280
AISI 316Ti	185.0	98538175	455
AISI 316Ti	185.0	98538176	596
AISI 316Ti	185.0	98989662	104
AISI 316Ti	185.0	98989664	119
AISI 316Ti	185.0	98989666	133
AISI 316	335.0	95037142	351
AISI 316	335.0	95037143	420
AISI 316	335.0	95037144	455
AISI 316	335.0	95037145	525
AISI 316	335.0	95037146	559
AISI 316	335.0	95037147	665
AISI 316Ti	341.0	98538177	735
AISI 316Ti	341.0	98538178	876
AISI 316Ti	341.0	98538179	1,017
AISI 316Ti	341.0	98989668	176
AISI 316Ti	341.0	98989670	217
AISI 316Ti	341.0	98989672	260
AISI 316Ti	370.0	98425796	701
AISI 316Ti	370.0	98425797	842
AISI 316Ti	370.0	98425798	981
AISI 316Ti	370.0	98425799	1,122
AISI 316Ti	370.0	98425800	1,261
Steel	370.0	98425759	351
Steel	370.0	98425760	455
Steel	370.0	98425781	525
Steel	370.0	98425782	559
Steel	370.0	98425783	631

13

Submersible Pressure Transducer / Water In Oil Sensor

ACCESSORIES ► ACCESSORIES FOR WASTEWATER PUMPS

SUBMERSIBLE PRESSURE TRANSDUCER

MPG SH



The Grundfos Level sensor type W – Waste Water Special is the choice for particularly difficult wastewater and harsh chemical level measurements requiring less than 50m measuring range.

Type W has a superior performance in resisting grease build-up and enabling longer service intervals.

Short description	Part Number	Price
Submersible Level Transducer, 4-20mA, 65' PUR cable, 0-9psi (0-20ft), SS birdcage	99045076	1,382
Submersible Level Transducer, 4-20mA, 65' PUR cable, 0-5psi (0-11.5ft), SS birdcage	99398787	1,328
Submersible Level Transducer, 4-20mA, 65' PUR cable, 0-15psi (0-34.7ft), SS birdcage	99398802	1,212

WATER IN OIL SENSOR RELAYS: WATER IN OIL SENSOR RELAYS

MPG WE



ALR-20/A: Water In Oil Sensor Relay used for the SMD range of mixers

IO113 Modules: Used for the SE/V, SL/V and S pump range with digital and analog sensors. They are a smart relay that takes the following sensor inputs and provides an alarm output and analog signal. The sensor inputs include Thermal Switches, Thermistors, PT100/1000, Moisture Switch, and Water In Oil. There are two versions available with or without Genibus link. Genibus Link is required if using SM113.

SM113 Modules: Used for SE/V, SL/V and S pump range with analog sensors. They are an expansion module to the IO113. The sensor inputs include current sensors (4-20ma), PT100/1000, vibration sensor, and water in oil. Data is transferred over power line communication allowing for the SM113 to be remotely mounted and in the larger S pump range you can get these inside the pump, must be requested. It requires the IO113 with Genibus Link to work.

Short description	Part Number	Price
IO113 w/o com.	98097391	O.R.
IO113 w/com.	98711370	808
SM113 Advanced Sensor Module	98711382	650

GO REMOTES AND PC TOOL LINK

MPG II



PC Tool E-Products Software and PC Tool Link are both required to interface with a CUE or MLE/MGE Motor.

PC Tool E-Products Software is available FREE of charge by following:

Grundfos Express Suites > Document Library > PC Tools

A PC Running Windows XP with a USB port is also required to use the PC tool.

Short description	Part Number	Price
M1301 - Bluetooth Grundfos GO remote for use with smartphone or tablets	98046408	666
PC TOOL Link USB with cables	96705378	876

CONTROLS AND MONITORING



Wastewater Controls – Dedicated Controls

Control up to six pumps in wastewater applications in main, network and pressurised pumping stations. A range of advanced features allow for system measurement and calculation, and integration with other monitoring, control and energy optimising equipment.

COMMUNICATION

Supports communication with monitoring equipment or other external units Communication Interface Module (CIM) via a number of different fieldbus protocols
Compatible with Grundfos Remote Management Communication using wired or wireless (GPRS/ GSM) networks to SCADA and BMS systems

COMPONENTS

The main components of the system Dedicated Controls are:

- CU 362 – control unit
- IO 351 – basic I/O module
- IO 113 – protection module for pumps sensors
- SM 113 – sensor module



BENEFITS

- The anti-clogging attributes of the flush and reverse function are unique to Dedicated Controls, as is the ability for continuous energy optimisation according to duty condition
- User-friendly display interface with an intuitive and easy-to-follow installation wizard and you can also choose your language
- In addition to a comprehensive range of basic features, defined inputs/outputs can be added for system functions specific for the pumping station

APPLICATIONS

- WASTEWATER TRANSPORT
- FLOOD CONTROL
- WASTEWATER TREATMENT

Dedicated Controls and Accessories

DEDICATED CONTROLS AND ACCESSORIES: TO SUIT WASTEWATER APPLICATIONS

Various accessories for Wastewater applications. Contact Grundfos for expert advice on accessory selection in your Wastewater application.



MPG WD

Short description	Part Number	Price
Antenna directional 3G/4G HG w/cable	98851149	630
CU 362	98146953	2,427
GRM Antenna LTE 3 meter cable	99606613	142
GRM Antenna mounting bracket	99606614	37
J6A Cable Holder	99580668	136
Pump Over Temp/Seal Leak Relay incl. DIN & Flange socket, 24VAC (Single Relay)	99913081	511
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Pump Over Temp/Seal Leak Relay incl. DIN & Flange socket, 120VAC (10-pack of Relays)	99913094	4,763

Monitoring and Control, For All Situations

As part of the SP system, Grundfos offers reliable, easy to set up and easy to use motor protection (MP 204), a complete range of external Variable Frequency Drives designed for speed control (Grundfos CUE) and cost-effective and straightforward monitoring and management of the pump installation (Grundfos Utility Connect).

OPEN AND WIDE RANGE OF COMMUNICATION PROTOCOLS

For data communication, the Grundfos fieldbus concept is the ideal solution for complete control of pumps and pump systems and utilises open and interoperable networks. Our data communication interfaces offer ease of installation and commissioning, user-friendliness, and great value for money.

MP 204 and Grundfos CUE are compatible with Grundfos Remote Management and can be connected to any SCADA system, allowing remote access to pump data anywhere.



MP 204 MOTOR PROTECTION

The perfect partner for the SP system in many applications, protection is provided for motors ranging from 3 to 999 amps and voltages from 100 to 480 VAC against undervoltage, overvoltage and other variations in power supply that may cause overheating of the submersible motor.

When used with the 4"/6" motor configuration, the Tempcon sensor lets MP 204 keep an eye on the motor temperature at all times. If the temperature reaches 60°C it will issue a warning signal. If it reaches 75°C, the MP 204 will stop the motor to prevent damage.

OTHER BENEFITS INCLUDE:

- Power factor measurement, giving an indication of clogging in the intake or impeller wear
- Motor power consumption continually checked with precision, stopping the pump before dry running, preventing pump damage
- Warning for ground failure/insulation resistance, allowing preventive maintenance of the motor, cables, or cable joints
- Can be used with 8000, by connecting PT100/PT1000

MP 204 PROTECTION AND MONITORING PARAMETERS

- Insulation resistance before start-up
- Temperature (Tempcon, PT sensor and thermal switch)
- Overload/underload
- Overvoltage/undervoltage
- Phase sequence
- Phase missing
- Power factor (cos ϕ)
- Power consumption
- Harmonic distortion
- Current asymmetry
- Run and start capacitor (single-phase)
- Operating hours and number of start

MP 204 PROTECTION UNIT

MP 204 is a motor protection that protects the motor primarily by measuring the motor current by means of a true RMS measurement. The MP 204 disconnects the contactor if, for example, the current exceeds the preset value. It can be used as a stand-alone or as incorporated in a for example Control DC.

Suitable for

- Drinking water treatment
- Flood control
- Ground water intake
- Surface water intake
- Water distribution
- Wastewater treatment
- Wastewater transport



MPG WE

Short description	Part Number	Price
MP 204 motor protector	96079927	1,124

Water In Oil Sensor Relays

WATER IN OIL SENSOR RELAYS: WATER IN OIL SENSOR RELAYS

ALR-20/A: Water In Oil Sensor Relay used for the SMD range of mixers

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SM113 Modules: Used for SE/V, SL/V and S pump range with analog sensors. They are an expansion module to the IO113. The sensor inputs include current sensors (4-20ma), PT100/1000, vibration sensor, and water in oil. Data is transferred over power line communication allowing for the SM113 to be remotely mounted and in the larger S pump range you can get these inside the pump, must be requested. It requires the IO113 with Genibus Link to work.



	MPG WE	
Short description	Part Number	Price
IO113 w/o com.	98097391	O.R.
IO113 w/com.	98711370	808
SM113 Advanced Sensor Module	98711382	650

GO REMOTES AND PC TOOL LINK

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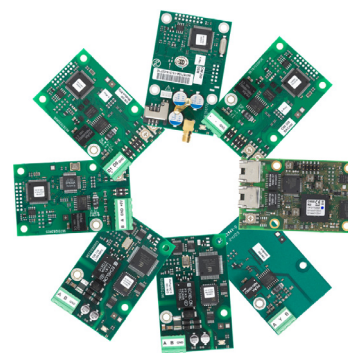


	MPG II	
Short description	Part Number	Price
M1301 - Bluetooth Grundfos GO remote for use with smartphone or tablets	98046408	666
PC TOOL Link USB with cables	96705378	876

CIM: COMMUNICATION INTERFACE MODULE

With the CIM, Grundfos enables a wide range of pumps and pump systems to communicate with other devices and Building Management Systems (BMS) solutions, using the established communication standards in the market, such as BACnet, LONworks, Modbus, GSM and Profibus.

CIM add-on module - CIM is short for Communication Interface Module, and it is an add-on communication cards are installed directly into the terminal box



MPG II

Short description	Part Number	Price
Antenna kit for CIM060	98778357	165
CIM 040 TTL Add-on cpl. Packed	98415941	173
CIM 060 Wireless Add-on board (only EU)	98778356	302
CIM 100 LON interface module for pumps	96824797	344
CIM 110 LON interface module for boosters	96824798	344
CIM 150 PROFIBUS interface module	96824793	335
CIM 200 Modbus interface module	96824796	375
CIM 280 GiC Add-on cpl. Packed	99895386	523
CIM 300 BACnet interface module	96893770	344
CIM 500 PROFINET Modbus TCP BACnet IP EtherNet/IP	98301408	776
CIM 050 RS485 GENIbus interface module	96824631	173

CIU: COMMUNICATION INTERFACE UNITS

Allows the transmission of data between a pump and a centralized management system (e.g. BMS) via established communication standards (ie. Modbus, GENibus, Profibus etc). Protocol to be selected from CIM Modules available in the CIU are kits for external mounting and require external power supply (24-240VAC/DC 50/60Hz).



MPG II

Short description	Part Number	Price
CIU 900 interface unit	99448387	311
CIU 901 interface unit with I&O	99448389	461
CIU 903 interface unit for SQFlex	98106399	624

Submersible Pressure Transducer

SUBMERSIBLE PRESSURE TRANSDUCER

The Grundfos Level sensor type W – Waste Water Special is the choice for particularly difficult wastewater and harsh chemical level measurements requiring less than 50m measuring range.

Type W has a superior performance in resisting grease build-up and enabling longer service intervals.



Short description	Part Number	Price
Submersible Level Transducer, 4-20mA, 65' PUR cable, 0-9psi (0-20ft), SS birdcage	99045076	1,382
Submersible Level Transducer, 4-20mA, 65' PUR cable, 0-5psi (0-11.5ft), SS birdcage	99398787	1,328
Submersible Level Transducer, 4-20mA, 65' PUR cable, 0-15psi (0-34.7ft), SS birdcage	99398802	1,212

Grundfos Connect

Bring visibility and performance monitoring to all your water infrastructure in a cost-effective and simple way.

Ensuring all your water infrastructure is up and running can be time-consuming and complex. And traditional solutions such as SCADA can be difficult and costly to implement into your current systems. Grundfos Connect offers a new cost-effective, secure cloud-based solution that can be self-installed and easily integrated into your existing systems.

Grundfos Connect gives you continuous remote monitoring and control of all your installed equipment from any device – allowing you to act in time to avoid costly breakdowns and reduce time spent on the road. Get real-time data and critical insights to optimize operational efficiency, improve maintenance planning, and lower operating costs.

Key Benefits



Monitoring 24/7

Secure peace of mind with continuous visibility of all your assets' performance with a cloud-based system accessed from your preferred device.



Be informed

Notifications alert you of potential issues so you can take preventive actions, avoid costly service interruptions, and secure operational performance.



Remote control

Spend less time on the road, increase service availability and reduce inspection costs by controlling and troubleshooting assets remotely.



Cost-efficient integration

Avoid costly setup and integration challenges with a cyber-secure self-service setup that provides a guided workflow for all actions.

Take control of all your assets from any device

Simple and secure cloud-based system
Cyber-secure and easily implemented into your existing system and operations.

Performance overview of all your assets
Full and continuous overview of the performance status of your assets.

Reliable service & support
Easily access customer support and online how-to guides.

Access data records
Optimize system performance based on historical data.



Monitor your water infrastructure in one place

One platform to view the status of all your operating equipment from any device.

Remote access to installations
Control and monitor your water infrastructure from anywhere, anytime.

Optimize operational efficiency
Secure more efficient day-to-day operations of your water assets.

Alert management system
Automatic alerts inform you of any issues in your water infrastructure.

Suitable for:

- Drinking water treatment
- Flood control
- Irrigation
- Groundwater intake
- Solar water solutions
- Surface water intake
- Water distribution
- Wastewater treatment
- Wastewater transport

Book a free demo, or visit our website for more information



Grundfos Utility Connect

GRUNDFOS UTILITY CONNECT: CONNECT TO MONITORING, ALARM HANDLING AND REMOTE CONTROL

Grundfos Connect is a simple subscription-based software that you can access any time to monitor and control all your water infrastructure equipment and assets. The software gives you full asset visibility, alerts you when it detects issues and allows you to manage these issues remotely. Grundfos Connect is subscription-based with a simple pricing model per year and per number of devices.

Why Grundfos Connect is the right solution for you

It can be both time-consuming and challenging to get a complete overview of all your water infrastructure equipment. Physical visits might be necessary and often you lack the right data, leading to service interruptions and reduced operational performance. Learn more about how this has changed with Grundfos Connect.



How it works

Grundfos Connect is simple to set-up, configure and utilize with only a few simple tools and your smartphone. There is no need for costly installations from a control engineer, new SCADA integrations, or expensive hardware.

NOTE: The Key Account Customer pays subscriptions monthly in advance based on the standard yearly fee (1/12). The discount for all subscriptions will be adjusted monthly based on the number of subscriptions as described below and mathematically rounded by two decimals

Reduction of price pr. subscription and Number of subscriptions

- 0% | 0-10
- 10% | 11-50
- 20% | 51-150
- 30% | 151-250
- 40% | 251-350
- 46% | 351+

MPG 96

Short description	Part Number	Price
1-year of Grundfos Utility Connect (GUC) service (for use with CIM 280 or CIM 550)	92711156	O.R.

Monitoring and Controlling a Wastewater Pump has never been easier

The LC 231 and LC 241 automatically control your pump/s on and off according to the liquid level using either float switches, a level sensor or probes.

Flexible control - The dual pump control unit can be configured to control one or two pumps for pit emptying or tank filling purposes.

LC231

- Single and 3 Phase in one unit
- up to 12 amps for Single Version
- up to 9 amps per pump for Dual version

LC241

- Single and 3 phase options
- Built in capacitor versions for SEG & EF 1~ Pumps
- DOL upto 7.5kW
- SST from 5.5KW and up

Bluetooth® connectivity - For easy commissioning and monitoring use the Grundfos GO App on your mobile device or tablet to connect via Bluetooth® to the control unit.

Use the Go App to:

- monitor fluid level
- monitor and reset alarms
- easy guided setup wizard
- set stop/start levels, dry-running protection, and motor protection
- BMS Connectivity and Remote Monitoring Available

Configurable inputs/outputs - A number of free inputs and outputs allow for extra sensors to be added

Easy to read control panel - Use the control unit front panel to visually monitor general operation, set fluid levels and re-set alarms



APPLICATIONS

- Drainage, Sewage, or Stormwater Applications
- Domestic, Commercial and Industrial Applications
- Emptying or Filling Functions

LC 231

LC 231: COMPACT WASTEWATER SOLUTION WITH CERTIFIED MOTOR PROTECTION

LC231 SMALL WASTE WATER CONTROLS: COMPACT WASTEWATER SOLUTION WITH CERTIFIED MOTOR PROTECTION

The LC 231 pump controllers are designed for level control, monitoring and protection of Grundfos pumping systems one pumps or two pumps starting direct-on-line.

Features include:

- Supports both empty and fill applications
- >For use with analogue (eg level transmitter) or digital sensor (eg float switch)
- Grundfos Go support via Bluetooth
- Usage, alarm and warning log
- BMS options (CIM module required)



MPG WD

Number of pumps	Start Method	I [A]	Short description	Capacitor start	Part Number	Price
3 x 110-240						
1	DOL	1-9,6	LC 231 1x 1-9,6 DOL 3x460 PI UL	0.0000	99369651	918
2	DOL	1-7,6	LC 231 2x 1-7,6 DOL 3x460 PI UL	0.0000	99369652	1,151

LC 241: WASTE WATER LEVEL CONTROLLER OFFERING MODULARITY AND CUSTOMISATION

LC241 MODULAR WASTE WATER CONTROL: PANEL ENCLOSED WASTE WATER LEVEL CONTROLLER SOLUTION OFFERING MODULARITY AND CUSTOMISATION

LC241 level controllers offer a comprehensive range of features for waste water pumping systems with monitoring and control of one or two pumps. The LC241 is metal cabinet solution with both indoor and outdoor versions available. Its modularity gives the flexibility required for customised solutions to match your needs.

Features include:

- DOL and Soft Start Options
- Standard with Strobe and Audible alarms
- Support for both empty and filling applications
- For use with analogue level transmitters or digital float switches
- Easy setup wizard with Grundfos Go
- Alarms and Warning Logs
- BMS connectivity and much more



						MPG WD	
Number of pumps	Start Method	I [A]	Short description	Capacitor start	Part Number	Price	
1 x 208-230							
1	DOL	3-16	LC 241 1x3-16 DOL 30 150 1x208/230 PO	150.0000	99612826	3,685	
2	DOL	3-16	LC 241 2x3-16 DOL 30 150 1x208/230 PO	150.0000	99612827	4,773	
1 x 220-240							
1	DOL	4-6,3	LC 241 1x 4-6,3 DOL 30 150 1x230 MI	150.0000	99922184	O.R.	
1	DOL	6-10	LC 241 1x 6-10 DOL 30 150 1x230 MI	150.0000	99922185	O.R.	
1	DOL	9-14	LC 241 1x 9-14 DOL 30 150 1x230 MI	150.0000	99837497	O.R.	
3 x 208-460							
1	DOL	1-5	LC 241 1x1-5 DOL 3x208/230/460 PO	0.0000	99612799	3,293	
1	DOL	3-12	LC 241 1x3-12 DOL 3x208/230/460 PO	0.0000	99612800	3,425	
1	DOL	8-32	LC 241 1x8-32 DOL 3x208/230/460 PO	0.0000	99612801	3,590	
2	DOL	1-5	LC 241 2x1-5 DOL 3x208/230/460 PO	0.0000	99612816	4,129	
2	DOL	3-12	LC 241 2x3-12 DOL 3x208/230/460 PO	0.0000	99612817	4,129	
2	DOL	8-32	LC 241 2x8-32 DOL 3x208/230/460 PO	0.0000	99612818	4,417	
3 x 230-575							
1	DOL	1-5	LC 241 1x1-5 DOL 3x230/460/575 PO	0.0000	99612802	3,339	
1	DOL	3-12	LC 241 1x3-12 DOL 3x230/460/575 PO	0.0000	99612813	3,471	
1	DOL	8-32	LC 241 1x8-32 DOL 3x230/460/575 PO	0.0000	99612814	3,632	
2	DOL	1-5	LC 241 2x1-5 DOL 3x230/460/575 PO	0.0000	99612819	4,169	
2	DOL	3-12	LC 241 2x3-12 DOL 3x230/460/575 PO	0.0000	99612820	4,235	
2	DOL	8-32	LC 241 2x8-32 DOL 3x230/460/575 PO	0.0000	99612821	4,527	
3 x 220-240/380-415							
1	DOL	2,5-4	LC 241 1x 2,5-4 DOL 3x400 MI	0.0000	99837568	O.R.	
1	DOL	4-6,3	LC 241 1x 4-6,3 DOL 3x400 MI	0.0000	99837569	O.R.	
1	DOL	6-10	LC 241 1x 6-10 DOL 3x400 MI	0.0000	99837571	O.R.	
1	DOL	9-14	LC 241 1x 9-14 DOL 3x400 MI	0.0000	99837572	O.R.	

LC 241 Optional Accessories

For pricing and configuration, please scan the QR code below, or visit: https://grundfos.intelliquip.com/document_library/library/file_entry/lc-controller-configuratorxlsx



OPTIONAL ACCESSORIES
SHORT DESCRIPTION
Intrinsically barrier for 4 float switches
Intrinsically safe barrier for 5 float switches (2-pump control only)
Intrinsically safe barrier for 4-20mA pressure transducer + 2 float switch
IO 241 module - Adds additional Inputs/Outputs to the LC241
Main panel disconnect switch (through inner door)
Anti-Condensation Heater with Thermostat
Inner door mount elapsed time meter for 1-pump panel (Simplex)
Inner door mount elapsed time meters for 2-pump panels (Duplex)
Yeomans seal fail relay 1-pump (Simplex)
Yeomans seal fail relay 2-pump (Duplex)
Lightning surge arrestor
575 V phase monitor (Canada versions only)
304 Stainless Steel Enclosure Upgrade

CUE: SINGLE PHASE EXTERNAL FREQUENCY CONVERTER

Grundfos CUE variable speed drives are a versatile and advanced solution for precise pump control. These drives come equipped with a range of powerful features, ensuring optimal performance and energy efficiency across various liquid transfer applications.

Key Features:

- **User-Friendly Interface:** CUE provides intuitive local and remote operation options.
- **Versatile Control Modes:** With a wide range of control modes, CUE adapts to different applications, including open-loop, proportional differential pressure, and constant pressure control.
- **Simple Setup:** The startup guide simplifies the initial configuration process, automatically adjusting parameters based on pump type.
- **Reliable Operation:** Features like duty/standby and duty/assist enhance system reliability and energy efficiency.
- **Comprehensive Protection:** CUE includes functions for dry-running protection, low-flow stop, and motor bearing monitoring, safeguarding pumps and extending their lifespan.



Ratings:

- 1-phase, 1x200-240 V, 50/60 Hz (1.5 - 10 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)

MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
1 x 200-240						
6.6	1	A3	96754973	CUE 1x200-240V IP20 1,1kW	99616601	2,445
7.5	2	B1	96754973	CUE 1x200-240V IP21 1,5kW	99616602	2,590
10.6	2	B1	96754976	CUE 1x200-240V IP21 2,2kW	99616613	2,793
12.5	2	B1	96754976	CUE 1x200-240V IP21 3,0kW	99616614	2,986
16.7	2	B1	96754976	CUE 1x200-240V IP21 3,7kW	99616615	3,473
24.2	2	B1	96754977	CUE 1x200-240V IP21 5,5kW	99616616	4,014
30.8	2	B2	96754978	CUE 1x200-240V IP21 7,5kW	99616617	4,998

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Ratings:

- 1-phase, 1x200-240 V, 50/60 Hz (1.5 - 10 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)

MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
1 x 200-240						
6.6	4	A5	96754973	CUE 1x200-240V IP55 1,1kW DC	99616625	3,328
7.5	4	B1	96754973	CUE 1x200-240V IP55 1,5kW DC	99616626	3,875
10.6	4	B1	96754976	CUE 1x200-240V IP55 2,2kW DC	99616627	4,179
12.5	4	B1	96754976	CUE 1x200-240V IP55 3,0kW DC	99616628	4,490
16.7	4	B1	96754976	CUE 1x200-240V IP55 3,7kW DC	99616629	5,105
24.2	4	B1	96754977	CUE 1x200-240V IP55 5,5kW DC	99616630	5,816
30.8	4	B2	96754978	CUE 1x200-240V IP55 7,5kW DC	99616631	6,779

CUE: THREE PHASE EXTERNAL FREQUENCY CONVERTER

Grundfos CUE variable speed drives are a versatile and advanced solution for precise pump control. These drives come equipped with a range of powerful features, ensuring optimal performance and energy efficiency across various liquid transfer applications.

Key Features:

- **User-Friendly Interface:** CUE provides intuitive local and remote operation options.
- **Versatile Control Modes:** With a wide range of control modes, CUE adapts to different applications, including open-loop, proportional differential pressure, and constant pressure control.
- **Simple Setup:** The startup guide simplifies the initial configuration process, automatically adjusting parameters based on pump type.
- **Reliable Operation:** Features like duty/standby and duty/assist enhance system reliability and energy efficiency.
- **Comprehensive Protection:** CUE includes functions for dry-running protection, low-flow stop, and motor bearing monitoring, safeguarding pumps and extending their lifespan.



Ratings:

- 3-phase, 3x200-240 V 50/60 Hz (1 - 60 hp)
- 3-phase, 3x380-500 V 50/60 Hz (0.75 - 300 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 10 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 300 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)

MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
3 x 200-240						
4.6	1	A2	96754973	CUE 3x200-240V IP20 0,75kW	99616636	1,311
6.6	1	A2	96754973	CUE 3x200-240V IP20 1,1kW	99616637	1,387
7.5	1	A2	96754973	CUE 3x200-240V IP20 1,5kW	99616638	1,435
10.6	1	A2	96754976	CUE 3x200-240V IP20 2,2kW	99616639	1,750
12.5	1	A3	96754976	CUE 3x200-240V IP20 3,0kW	99616640	1,948
16.7	1	A3	96754976	CUE 3x200-240V IP20 3,7kW	99616641	2,239
24.2	1	B3	96754977	CUE 3x200-240V IP20 5,5kW	99616642	2,825
30.8	1	B3	96754978	CUE 3x200-240V IP20 7,5kW	99616643	3,147
46.2	1	B3	96755019	CUE 3x200-240V IP20 11kW	99616644	3,430
59.4	1	B4	96755021	CUE 3x200-240V IP20 15kW	99616645	4,061
74.8	1	B4	96755032	CUE 3x200-240V IP20 18,5kW	99616646	4,950
88.0	1	C3	97774436	CUE 3x200-240V IP20 22kW	99616647	5,822
115.0	1	C3	97774436	CUE 3x200-240V IP20 30kW	99616648	8,074
143.0	1	C4	97775142	CUE 3x200-240V IP20 37kW	99616649	10,146
170.0	1	C4	97775142	CUE 3x200-240V IP20 45kW	99616650	12,291
3 x 380-440/441-500						
3-2,7	1	A2	96754972	CUE 3x380-500V IP20 1,1kW	99616709	1,325
10-8,2	1	A2	96754974	CUE 3x380-500V IP20 4,0kW	99616713	1,672
13-11	1	A3	96754976	CUE 3x380-500V IP20 5,5kW	99616714	2,001
1,8-1,6	1	A2	96754941	CUE 3x380-500V IP20 0,55kW	99616707	1,283
2,4-2,1	1	A2	96754941	CUE 3x380-500V IP20 0,75kW	99616708	1,307
24-21	1	B3	96754977	CUE 3x380-500V IP20 11kW	99616716	2,643
32-27	1	B3	96754978	CUE 3x380-500V IP20 15kW	99616717	3,029
4,1-3,4	1	A2	96754972	CUE 3x380-500V IP20 1,5kW	99616710	1,372
44-40	1	B4	96755019	CUE 3x380-500V IP20 22kW	99616719	4,556
5,6-4,8	1	A2	96754973	CUE 3x380-500V IP20 2,2kW	99616711	1,460
61-52	1	B4	96755021	CUE 3x380-500V IP20 30kW	99616720	5,562
7,2-6,3	1	A2	96754973	CUE 3x380-500V IP20 3,0kW	99616712	1,524
73-65	1	B4	96755032	CUE 3x380-500V IP20 37kW	99616721	6,934
90-80	1	C3	97774436	CUE 3x380-500V IP20 45kW	99616722	8,523
16-14,5	1	A3	96754976	CUE 3x380-500V IP20 7,5kW	99616715	2,313
37,5-34	1	B3	96754978	CUE 3x380-500V IP20 18,5kW	99616718	3,697
106-105	1	C3	97774436	CUE 3x380-500V IP20 55kW	99616723	10,254
147-130	1	C4	97775142	CUE 3x380-500V IP20 75kW	99616724	11,660
177-160	1	C4	97775142	CUE 3x380-500V IP20 90kW	99616725	12,607
212-190	2	D1H	97775146	CUE 3x380-500V IP21 110kW	99616726	13,308
260-240	2	D1H	97775146	CUE 3x380-500V IP21 132kW	99616727	16,133
315-302	2	D1H	97775148	CUE 3x380-500V IP21 160kW	99616728	19,694
395-361	2	D2H	97775148	CUE 3x380-500V IP21 200kW	99616729	23,596

Continuation

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
480-443	2	D2H	97775149	CUE 3x380-500V IP21 250kW	99616730	29,388
3 x 525-550/551-600						
9,5-9	1	A3		CUE 3x525-600V IP20 5,5kW	99616833	2,778
1,8-1,7	1	A3		CUE 3x525-600V IP20 0,75kW	99616827	2,226
19-18	1	B3		CUE 3x525-600V IP20 11kW	99616835	3,590
23-22	1	B3		CUE 3x525-600V IP20 15kW	99616836	4,191
2,6-2,4	1	A3		CUE 3x525-600V IP20 1,1kW	99616828	2,252
28-27	1	B3		CUE 3x525-600V IP20 18,5kW	99616837	5,156
2,9-2,7	1	A3		CUE 3x525-600V IP20 1,5kW	99616829	2,279
36-34	1	B4		CUE 3x525-600V IP20 22kW	99616838	6,293
4,1-3,9	1	A3		CUE 3x525-600V IP20 2,2kW	99616830	2,305
43-41	1	B4		CUE 3x525-600V IP20 30kW	99616839	7,666
5,2-4,9	1	A3		CUE 3x525-600V IP20 3,0kW	99616831	2,383
54-52	1	B4		CUE 3x525-600V IP20 37kW	99616840	9,454
6,4-6,1	1	A3		CUE 3x525-600V IP20 4,0kW	99616832	2,484
65-62	1	C3		CUE 3x525-600V IP20 45kW	99616841	11,781
87-83	1	C3		CUE 3x525-600V IP20 55kW	99616842	14,268
11,5-11	1	A3		CUE 3x525-600V IP20 7,5kW	99616834	3,132
105-100	1	C4		CUE 3x525-600V IP20 75kW	99616843	17,176
137-131	1	C4		CUE 3x525-600V IP20 90kW	99616844	19,813
3 x 525-550/551-690						
137-131	2	D1H	97775166	CUE 3x525-690V IP21 110kW	99616873	20,108
162-155	2	D1H	97775167	CUE 3x525-690V IP21 132kW	99616874	24,374
201-192	2	D1H	97775167	CUE 3x525-690V IP21 160kW	99616875	29,740

CUE: THREE PHASE EXTERNAL FREQUENCY CONVERTER

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- **Reliable Operation:** Features like duty/standby and duty/assist enhance system reliability and energy efficiency.
- **Comprehensive Protection:** CUE includes functions for dry-running protection, low-flow stop, and motor bearing monitoring, safeguarding pumps and extending their lifespan.



Ratings:

- 3-phase, 3x200-240 V 50/60 Hz (1 - 60 hp)
- 3-phase, 3x380-500 V 50/60 Hz (0.75 - 300 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 10 hp)
- 3-phase, 3x525-600 V, 50/60 Hz (1 - 300 hp)

All CUE solutions are available in two enclosure classes IP21 (Nema 1) or IP55 (Nema 12)

MPG AI

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
3 x 200-240						
4.6	4	A4	96754973	CUE 3x200-240V IP55 0,75kW DC	99660285	2,617
4.6	6	A4		CUE 3x200-240V IP66 0,75kW DC	99619018	3,018
6.6	4	A4	96754973	CUE 3x200-240V IP55 1,1kW DC	99660287	2,786
6.6	6	A4		CUE 3x200-240V IP66 1,1kW DC	99619019	3,127
7.5	4	A4	96754973	CUE 3x200-240V IP55 1,5kW DC	99660289	2,954
7.5	6	A4		CUE 3x200-240V IP66 1,5kW DC	99619020	3,275
10.6	4	A4	96754976	CUE 3x200-240V IP55 2,2kW DC	99660290	3,060
10.6	6	A4		CUE 3x200-240V IP66 2,2kW DC	99619021	3,418
12.5	4	A5	96754976	CUE 3x200-240V IP55 3,0kW DC	99616696	3,184
12.5	6	A5		CUE 3x200-240V IP66 3,0kW DC	99619022	3,548
16.7	4	A5	96754976	CUE 3x200-240V IP55 3,7kW DC	99616697	3,318
16.7	6	A5		CUE 3x200-240V IP66 3,7kW DC	99619023	3,883
24.2	4	B1	96754977	CUE 3x200-240V IP55 5,5kW DC	99616698	4,726
24.2	6	B1		CUE 3x200-240V IP66 5,5kW DC	99619024	4,944
30.8	4	B1	96754978	CUE 3x200-240V IP55 7,5kW DC	99616699	4,875
30.8	6	B1		CUE 3x200-240V IP66 7,5kW DC	99619025	5,277
46.2	4	B1	96755019	CUE 3x200-240V IP55 11kW DC	99616700	5,196
46.2	6	B1		CUE 3x200-240V IP66 11kW DC	99619026	6,022
59.4	4	B2	96755021	CUE 3x200-240V IP55 15kW DC	99616701	6,325
59.4	6	B2		CUE 3x200-240V IP66 15kW DC	99619027	7,194
74.8	4	C1	96755032	CUE 3x200-240V IP55 18,5kW DC	99616702	8,476
74.8	6	C1		CUE 3x200-240V IP66 18,5kW DC	99619028	9,322
88.0	4	C1	97774436	CUE 3x200-240V IP55 22kW DC	99616703	9,519
88.0	6	C1		CUE 3x200-240V IP66 22kW DC	99619029	10,536
115.0	4	C1	97774436	CUE 3x200-240V IP55 30kW DC	99616704	11,815
115.0	6	C1		CUE 3x200-240V IP66 30kW DC	99619031	12,991
143.0	4	C2	97775142	CUE 3x200-240V IP55 37kW DC	99616705	14,902
143.0	6	C2		CUE 3x200-240V IP66 37kW DC	99619032	16,229
170.0	4	C2	97775142	CUE 3x200-240V IP55 45kW DC	99616706	18,011
170.0	6	C2		CUE 3x200-240V IP66 45kW DC	99619033	19,525
3 x 380-440/441-500						
3-2,7	4	A4	96754972	CUE 3x380-500V IP55 1,1kW DC	99660293	2,879
3-2,7	6	A4		CUE 3x380-500V IP66 1,1kW DC	99619037	3,192
10-8,2	4	A4	96754974	CUE 3x380-500V IP55 4,0kW DC	99660297	3,861
10-8,2	6	A4		CUE 3x380-500V IP66 4,0kW DC	99619041	3,821
13-11	4	A5	96754976	CUE 3x380-500V IP55 5,5kW DC	99616805	4,156
13-11	6	A5		CUE 3x380-500V IP66 5,5kW DC	99619042	4,115
1,8-1,6	4	A4	96754941	CUE 3x380-500V IP55 0,55kW DC	99660291	2,767
1,8-1,6	6	A4		CUE 3x380-500V IP66 0,55kW DC	99619034	2,938

CUE / CUE ACCESSORIES

Continuation

I [A]	Enclosure Class NEMA	Cabinet type	Sine-wave Filter	Product name	Part Number	Price
2,4-2,1	4	A4	96754941	CUE 3x380-500V IP55 0,75kW DC	99660292	2,825
24-21	4	B1	96754977	CUE 3x380-500V IP55 11kW DC	99616807	5,351
2,4-2,1	6	A4		CUE 3x380-500V IP66 0,75kW DC	99619036	3,036
24-21	6	B1		CUE 3x380-500V IP66 11kW DC	99619044	5,217
32-27	4	B1	96754978	CUE 3x380-500V IP55 15kW DC	99616808	5,722
32-27	6	B1		CUE 3x380-500V IP66 15kW DC	99619045	5,774
4,1-3,4	4	A4	96754972	CUE 3x380-500V IP55 1,5kW DC	99660294	3,285
4,1-3,4	6	A4		CUE 3x380-500V IP66 1,5kW DC	99619038	3,398
44-40	4	B2	96755019	CUE 3x380-500V IP55 22kW DC	99616810	7,534
44-40	6	B2		CUE 3x380-500V IP66 22kW DC	99619047	7,432
5,6-4,8	4	A4	96754973	CUE 3x380-500V IP55 2,2kW DC	99660295	3,391
5,6-4,8	6	A4		CUE 3x380-500V IP66 2,2kW DC	99619039	3,527
61-52	4	B2	96755021	CUE 3x380-500V IP55 30kW DC	99616811	9,104
61-52	6	B2		CUE 3x380-500V IP66 30kW DC	99619048	8,685
7,2-6,3	4	A4	96754973	CUE 3x380-500V IP55 3,0kW DC	99660296	3,562
7,2-6,3	6	A4		CUE 3x380-500V IP66 3,0kW DC	99619040	3,639
73-65	4	C1	96755032	CUE 3x380-500V IP55 37kW DC	99616812	11,501
73-65	6	C1		CUE 3x380-500V IP66 37kW DC	99619049	10,975
90-80	4	C1	97774436	CUE 3x380-500V IP55 45kW DC	99616813	13,203
90-80	6	C1		CUE 3x380-500V IP66 45kW DC	99619050	13,013
16-14,5	4	A5	96754976	CUE 3x380-500V IP55 7,5kW DC	99616806	4,479
16-14,5	6	A5		CUE 3x380-500V IP66 7,5kW DC	99619043	4,404
37,5-34	4	B1	96754978	CUE 3x380-500V IP55 18,5kW DC	99616809	6,822
37,5-34	6	B1		CUE 3x380-500V IP66 18,5kW DC	99619046	6,507
106-105	4	C1	97774436	CUE 3x380-500V IP55 55kW DC	99616814	15,298
106-105	6	C1		CUE 3x380-500V IP66 55kW DC	99619051	15,063
147-130	4	C2	97775142	CUE 3x380-500V IP55 75kW DC	99616815	18,169
147-130	6	C2		CUE 3x380-500V IP66 75kW DC	99619054	18,380
177-160	4	C2	97775142	CUE 3x380-500V IP55 90kW DC	99616816	19,841
177-160	6	C2		CUE 3x380-500V IP66 90kW DC	99619055	20,135
212-190	13	D5H	97775146	CUE 3x380-500V IP54 110kW DC	99616817	23,720
260-240	13	D5H	97775146	CUE 3x380-500V IP54 132kW DC	99616818	26,345
315-302	13	D5H	97775148	CUE 3x380-500V IP54 160kW DC	99616819	32,559
395-361	13	D7H	97775148	CUE 3x380-500V IP54 200kW DC	99616820	39,205
480-443	13	D7H	97775149	CUE 3x380-500V IP54 250kW DC	99616821	47,792
3 x 525-550/551-600						
9,5-9	4	A5		CUE 3x525-600V IP55 5,5kW DC	99616851	5,431
1,8-1,7	4	A5		CUE 3x525-600V IP55 0,75kW DC	99616845	4,435
19-18	4	B1		CUE 3x525-600V IP55 11kW DC	99616853	6,767
23-22	4	B1		CUE 3x525-600V IP55 15kW DC	99616854	7,469
2,6-2,4	4	A5		CUE 3x525-600V IP55 1,1kW DC	99616846	4,478
28-27	4	B1		CUE 3x525-600V IP55 18,5kW DC	99616855	8,639
2,9-2,7	4	A5		CUE 3x525-600V IP55 1,5kW DC	99616847	4,524
36-34	4	B2		CUE 3x525-600V IP55 22kW DC	99616856	9,501
4,1-3,9	4	A5		CUE 3x525-600V IP55 2,2kW DC	99616848	4,611
43-41	4	B2		CUE 3x525-600V IP55 30kW DC	99616857	11,600
5,2-4,9	4	A5		CUE 3x525-600V IP55 3,0kW DC	99616849	4,791
54-52	4	C1		CUE 3x525-600V IP55 37kW DC	99616858	14,559
6,4-6,1	4	A5		CUE 3x525-600V IP55 4,0kW DC	99616850	4,991
65-62	4	C1		CUE 3x525-600V IP55 45kW DC	99616859	16,938
87-83	4	C1		CUE 3x525-600V IP55 55kW DC	99616860	20,297
11,5-11	4	A5		CUE 3x525-600V IP55 7,5kW DC	99616852	5,859
105-100	4	C2		CUE 3x525-600V IP55 75kW DC	99616861	24,059
137-131	4	C2		CUE 3x525-600V IP55 90kW DC	99616862	28,326
3 x 525-550/551-690						
137-131	13	D1H	97775166	CUE 3x525-690V IP54 110kW	99616904	24,176
162-155	13	D1H	97775167	CUE 3x525-690V IP54 132kW	99616905	28,255
201-192	13	D1H	97775167	CUE 3x525-690V IP54 160kW	99616906	33,055

CUE ACCESSORIES

MPG AI

Product name	Part Number	Price
Floor mounting option 176F1827	96801230	2,782

Continuation

Product name	Part Number	Price
Floor mounting option D1h	98606900	2,663
Floor mounting option D2h 176F3632	98606903	2,663
GLCP remote mounting option 130B1117	96801229	334
IP21/NEMA1 A3	96801224	407
IP21/NEMA1 A2 Option 130B1222	96801223	336
IP21/NEMA1 B3 Option 130B1223	96801225	420
IP21/NEMA1 B4 Option 130B1224	96801226	437
IP21/NEMA1 C4 Option 130B1226	96801228	1,655
MCB 114 I/O Module	96760901	579
MCO 101 Multipump module	99753103	3,747
P21/NEMA1 C3 Option 130B1225	96801227	686
Spare, LCP display for CUE	99591437	371

CUE Controls Selection Guide

RATED OUTPUT VOLTAGE	CUE OUTPUT AMPS	RATING	SIZE	CUE MATERIAL NUMBER	CUE KIT MATERIAL NUMBER	SINEWAVE FILTER IP20 ENCLOSURE MATERIAL NUMBER
1 x 200-240V	6.6	NEMA 1	A3	99616601	96801224	96754973
	7.5		B1	99616602	-	96754973
	10.6		B1	99616613	-	96754976
	12.5		B1	99616614	-	96754976
	16.7		B1	99616615	-	96754976
	24.2		B1	99616616	-	96754977
	30.8		B2	99616617	-	96754978
	6.6	NEMA 12**	A5	99616625	-	96754973
	7.5		B1	99616626	-	96754973
	10.6		B1	99616627	-	96754976
	12.5		B1	99616628	-	96754976
	16.7		B1	99616629	-	96754976
	24.2		B1	99616630	-	96754977
	30.8		B2	99616631	-	96754978
3 x 200-240V	4.6	NEMA 1	A2	99616636	96801223	96754973
	6.6		A2	99616637	96801223	96754973
	7.5		A2	99616638	96801223	96754973
	10.6		A2	99616639	96801223	96754976
	12.5		A3	99616640	96801224	96754976
	16.7		A3	99616641	96801224	96754976
	24.2		B3	99616642	96801225	96754977
	30.8		B3	99616643	96801225	96754978
	46.2		B3	99616644	96801225	96755019
	59.4		B4	99616645	96801226	96755021
	74.8		B4	99616646	96801226	96755032
	88		C3	99616647	96801227	97774436
	115		C3	99616648	96801227	97774436
	143		C4	99616649	96801228	97775142
170	C4	99616650	96801228	97775142		

CUE Controls Selection Guide

RATED OUTPUT VOLTAGE	CUE OUTPUT AMPS	RATING	SIZE	CUE MATERIAL NUMBER	CUE KIT MATERIAL NUMBER	SINEWAVE FILTER IP20 ENCLOSURE MATERIAL NUMBER
3 x 200-240V	4.6	NEMA 12**	A4	99660285	-	96754973
	6.6		A4	99660287	-	96754973
	7.5		A4	99660289	-	96754973
	10.6		A4	99660290	-	96754976
	12.5		A5	99616696	-	96754976
	16.7		A5	99616697	-	96754976
	24.2		B1	99616698	-	96754977
	30.8		B1	99616699	-	96754978
	46.2		B1	99616700	-	96755019
	59.4		B2	99616701	-	96755021
	74.8		C1	99616702	-	96755032
	88		C1	99616703	-	97774436
	115		C1	99616704	-	97774436
	143		C2	99616705	-	97775142
170	C2	99616706	-	97775142		

PLEASE NOTE:

- * Purchase a “CUE KIT” to meet NEMA 1 standards. CUE KIT material numbers and List prices are provided above
- ** The NEMA 12 CUE’s have a backplate and disconnect switch
- BOLD Sine-wave filters are IP23 and not UL Listed
- The CUE is engineered specifically for Grundfos pumps only
- Please use Grundfos EXTRANET to check product lead times

CUE Controls Selection Guide

RATED OUTPUT VOLTAGE	CUE OUTPUT AMPS	RATING	SIZE	CUE MATERIAL NUMBER	CUE KIT MATERIAL NUMBER	SINEWAVE FILTER IP20 ENCLOSURE MATERIAL NUMBER
3 x 380 - 500V	1.6	NEMA 1	A2	99616707	96801223	96754941
	2.1		A2	99616708	96801223	96754941
	2.7		A2	99616709	96801223	96754972
	3.4		A2	99616710	96801223	96754972
	4.8		A2	99616711	96801223	96754973
	6.3		A2	99616712	96801223	96754973
	8.2		A2	99616713	96801223	96754974
	11		A3	99616714	96801224	96754976
	14.5		A3	99616715	96801224	96754976
	21		B3	99616716	96801225	96754977
	27		B3	99616717	96801225	96754978
	34		B3	99616718	96801225	96754978
	40		B4	99616719	96801226	96755019
	52		B4	99616720	96801226	96755021
	65		B4	99616721	96801226	96755032
	80		C3	99616722	96801227	97774436
	105		C3	99616723	96801227	97774436
	130		C4	99616724	96801228	97775142
	160		C4	99616725	96801228	97775142
	190		D1h	99616726	-	97775146
	240		D1h	99616727	-	97775146
	302		D2h	99616728	-	97775148
	361		D2h	99616729	-	97775148
	443		D2h	99616730	-	97775149
1.6	NEMA 12**	A4	99660291	-	96754941	
2.1		A4	99660292	-	96754941	
2.7		A4	99660293	-	96754972	
3.4		A4	99660294	-	96754972	
4.8		A4	99660295	-	96754973	
6.3		A4	99660296	-	96754973	
8.2		A4	99660297	-	96754974	
11		A5	99616805	-	96754976	
14.5		A5	99616806	-	96754976	

CUE Controls Selection Guide

RATED OUTPUT VOLTAGE	CUE OUTPUT AMPS	RATING	SIZE	CUE MATERIAL NUMBER	CUE KIT MATERIAL NUMBER	SINEWAVE FILTER IP20 ENCLOSURE MATERIAL NUMBER
3 x 380 - 500V	21	NEMA 12**	B1	99616807	-	96754977
	27		B1	99616808	-	96754978
	34		B1	99616809	-	96754978
	40		B2	99616810	-	96755019
	52		B2	99616811	-	96755021
	65		C1	99616812	-	96755032
	80		C1	99616813	-	97774436
	105		C1	99616814	-	97774436
	130		C2	99616815	-	97775142
	160		C2	99616816	-	97775142
	190		D5h	99616817	-	97775146
	240		D5h	99616818	-	97775146
	302		D5h	99616819	-	97775148
	361		D7h	99616820	-	97775148
443	D7h	99616821	-	97775149		

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CUE Controls Selection Guide

RATED OUTPUT VOLTAGE	CUE OUTPUT AMPS	RATING	SIZE	CUE MATERIAL NUMBER	CUE KIT MATERIAL NUMBER	SINEWAVE FILTER IP20 ENCLOSURE MATERIAL NUMBER
3 x 525 - 600V	1.7	NEMA 1	A3	99616827	96801224	97775161
	2.4		A3	99616828	96801224	97775161
	2.7		A3	99616829	96801224	97775161
	3.9		A3	99616830	96801224	97775161
	4.9		A3	99616831	96801224	97775161
	6.1		A3	99616832	96801224	97775161
	9		A3	99616833	96801224	97775161
	11		A3	99616834	96801224	97775161
	13		B3	99616835	96801225	97775162
	18		B3	99616836	96801225	97775162
	22		B3	99616837	96801225	97775162
	27		B4	99616838	96801226	97775163
	34		B4	99616839	96801226	97775163
	41		B4	99616840	96801226	97775164
	52		C3	99616841	96801227	97775164
	62		C3	99616842	96801227	97775165
	83	C4	99616843	96801228	97775165	
	100	C4	99616844	96801228	97775166	
	1.7	NEMA 12**	A5	99616845	-	97775161
	2.4		A5	99616846	-	97775161
	2.7		A5	99616847	-	97775161
	3.9		A5	99616848	-	97775161
	4.9		A5	99616849	-	97775161
	6.1		A5	99616850	-	97775161
	9		A5	99616851	-	97775161
	11		A5	99616852	-	97775161
	13		B1	99616853	-	97775162
	18		B1	99616854	-	97775162
	22		B1	99616855	-	97775162
	27		B2	99616856	-	97775163
	34		B2	99616857	-	97775163
	41		C1	99616858	-	97775164
52	C1		99616859	-	97775164	

CUE Controls Selection Guide

RATED OUTPUT VOLTAGE	CUE OUTPUT AMPS	RATING	SIZE	CUE MATERIAL NUMBER	CUE KIT MATERIAL NUMBER	SINEWAVE FILTER IP20 ENCLOSURE MATERIAL NUMBER
3 x 525 - 600V	62	NEMA 12**	C1	99616860	-	97775165
	83		C2	99616861	-	97775165
	100		C2	99616862	-	97775166
3 x 525 - 690V	131	NEMA 1	D1h	99616873	-	97775166
	155		D1h	99616874	-	97775167
	192		D1h	99616875	-	97775167
	242		D2h	99616876	-	97775168
	290		D2h	99616877	-	97775168
	131	NEMA 12	D1h	99616904	-	97775166
	155		D1h	99616905	-	97775167
	192		D1h	99616906	-	97775167
	242		D2h	99616907	-	97775168
	290		D2h	99616908	-	97775168

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