



Circulation pumps

Made in China



Catalogue

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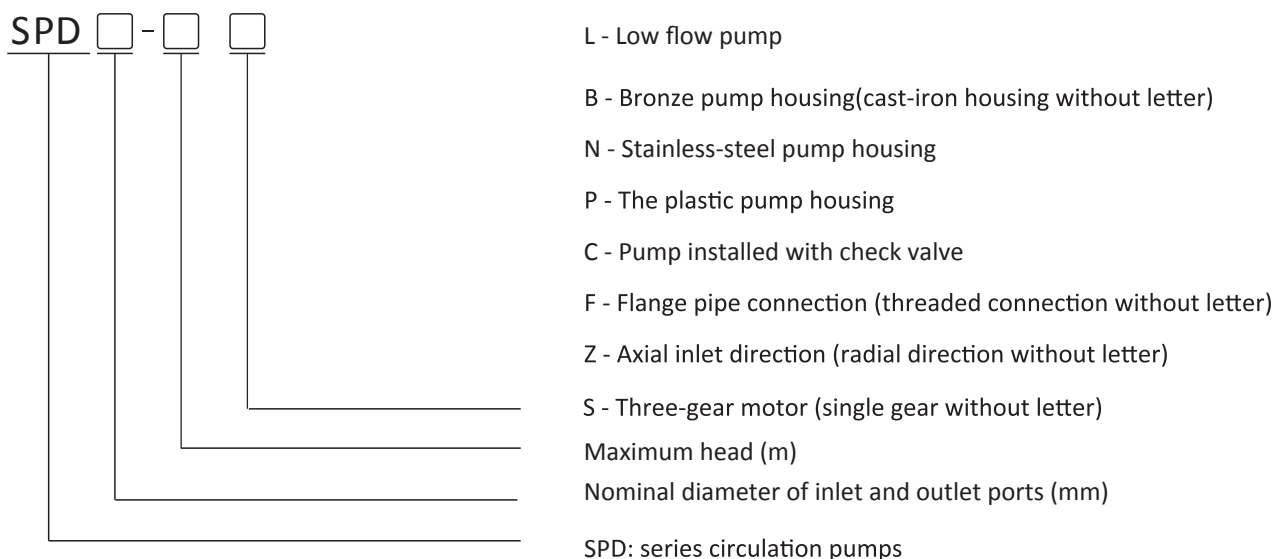
1. Pump contains two parts:hydraulic section and motor (with wet rotor).
Hydraulic section contains pump housing,impeller while motor includes stator,rotor cartridge and air vent nut.
2. Sealing: the pump does not use mechanical seal.Stator and rotor are sealed with cartridge made of stainless and two heat-resistant rubber rings,which ensure no leakage.
3. Lubrication of bearing and cooling of motor by inner circulation of pumped liquid.
3. Insulation class H, motor fixed with thermal protector,one speed three speeds.

No.	Name	Material
1	Pump housing	Cast iron/Stainless steel/Plastic/Copper
2	Impeller	Engineering plastic
3	Shaft	Ceramic/ Stainless steel
4	Bearing base	Stainless steel
5	Thrust bearing	Impregnated Carbon/ Silicon Carbide
6	Bearing	Ceramic/ Baptist antimony graphite
7	Base of thrust bearing	Stainless steel/ Rubber
8	Shield cover	Stainless steel
9	Connection	Cast iron/Stainless steel/Copper



Type key

Name of model is formed of uppercase latin letters and arabic numbers. Its meaning is as following:



SPD32-8SF

Example: SPD32-8SF is three-stage pump with cast iron pump housing and flange connection. The inlet and outlet is DN 32, max head is 8 m.

Application

Single-phase canned motor circulation pumps designed and produced by our specialists have these features: low noise, no leakage, ecological safety in operation, artistic appearance, easy installation and reliable operation. Pumps can be used in single pipe or double pipe heating system, also can be applied to city apartments, suburb villa, cooling, air-conditioning, boilers and solar systems etc.

Product selection

Users can select a model from the type spectra according to the requirement of head and flow.

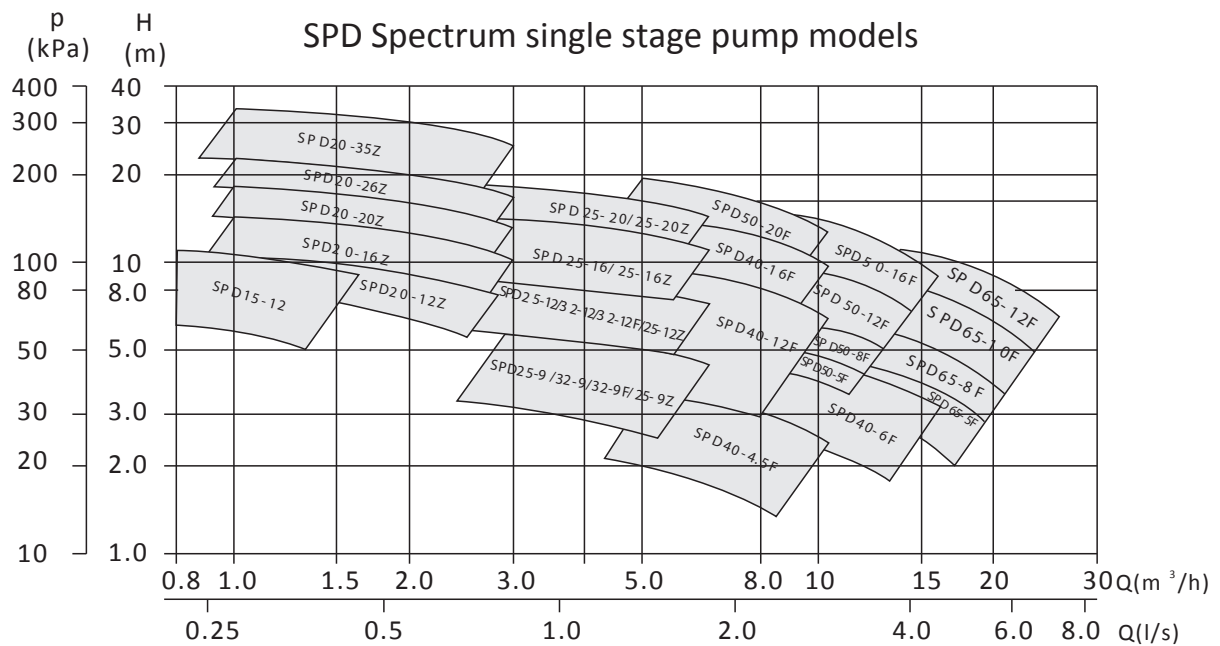
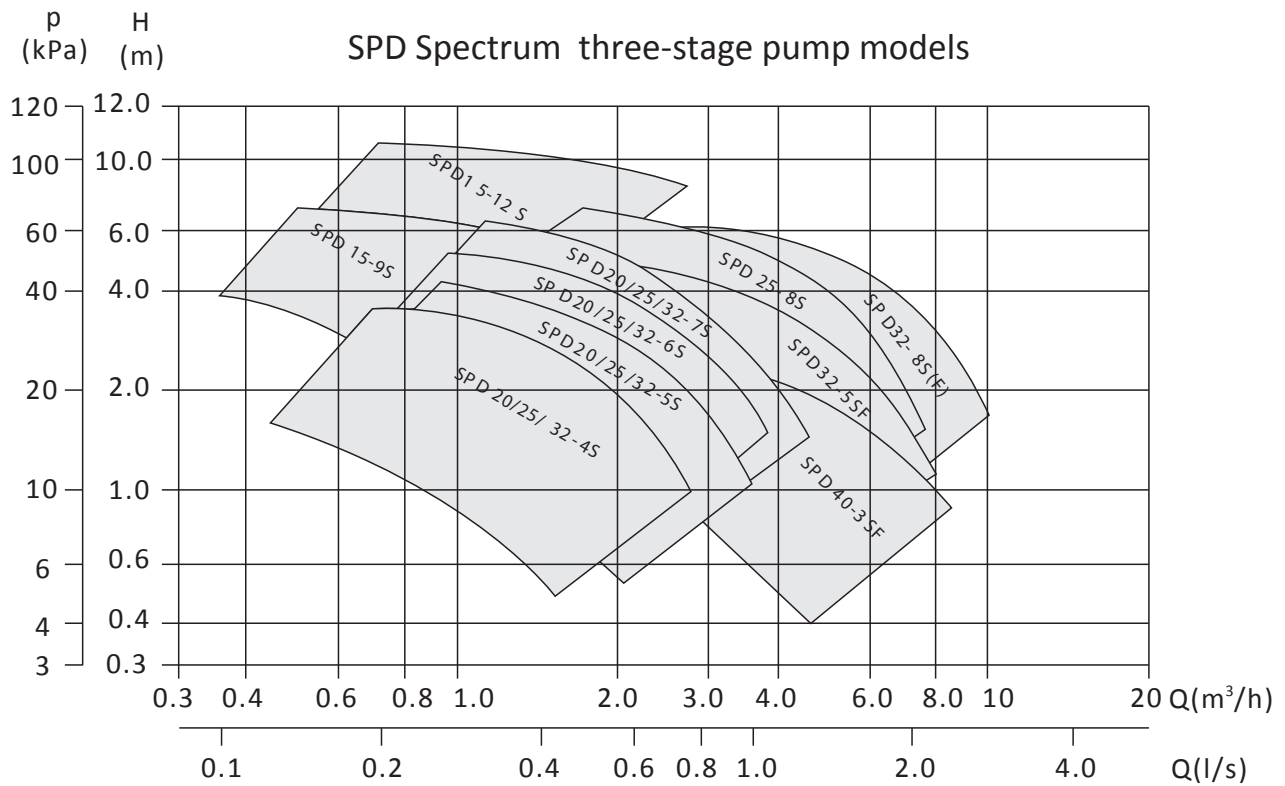
SPD series have two kinds of pipe connections: threaded and flange.

Models with power above 300W mainly have flange connection. We can make customized design according to your needs.

Pump housing is generally made of cast iron. Bronze and stainless steel pump housing is also available.

Pump with cast iron housing is widely used for delivering water for room heating. Pump with bronze housing is largely used in the floor heating system. For delivering domestic hot water we recommend using pump with stainless steel housing (SPD-N) or bronze housing (SPD-B).

Type Spectra



Installation

During installation, the shaft of pump should be parallel to ground. Before start-up, open the venting screw on the top of the motor so that air in the pump can be released well, and then re-fasten the venting screw. This will help preventing pump from dry running.

Working conditions

1. Power supply: voltage 230V, frequency 50Hz, single-phase AC power. The models listed in the table can also be manufactured according to user's requirement as 230V/60Hz or 115V/60Hz.
Curve and performance parameters in this table represent only products with power supply of 230/50Hz
2. Maximum system pressure: 1.0MPa.
3. Ambient temperature: 0°C ÷ 40°C temperature of medium 2°C÷110°C
In order to avoid condensed water in stator, make sure the ambient temperature is lower than liquid temperature
4. Medium: thin, clean, non-corrosive and non-explosive liquid, does not contain any solid particles, fibers or mineral oil.
Pump must not be used for delivering flammable liquids, such as diesel and gasoline.
Delivering liquid of high viscosity will reduce performance of the pump, so while choosing a pump, the viscosity of the medium must be taken into consideration.
5. Maintain minimum pressure at the pump inlet to avoid cavitation noise and damage to pump bearings.

For pumps with power below 270W, the inlet minimum water pressure should be maintained as following:

Liquid Temperature	85°C	90°C	110°C
Inlet Pressure	Head(m)	Head(m)	Head(m)
	0.6 bar	0.75 bar	1.5 bar

For pumps with power above 300W, the inlet minimum water pressure is different for each model, see following details:

Model	Liquid Temperature		
	70°C(bar)	90°C(bar)	110°C(bar)
SPD40-4.5F	0.35	0.75	1.45
SPD40-6F	0.15	0.75	1.2
SPD50-5F	0.35	0.75	1.05
SPD50-8F	0.15	0.75	1.2
SPD25-9	0.35	0.75	1.2
SPD32-9	0.35	0.75	1.2
SPD25-12L	0.35	0.75	1.2
SPD15-12	0.3	0.75	1.3
SPD25-12	0.4	0.75	1.4
SPD32-12	0.4	0.75	1.4
SPD32-9F	0.35	0.75	1.2
SPD32-12F	0.4	0.75	1.4
SPD25-16	0.8	1.1	1.7
SPD25-20	0.7	0.95	1.6
SPD40-12F	0.35	0.75	1.15
SPD40-16F	0.4	0.75	1.4
SPD50-12F	0.4	0.75	1.4
SPD50-16F	0.35	0.75	1.35
SPD50-20F	0.85	1	1.6
SPD65-5F	0.45	0.75	1.2
SPD65-8F	0.45	0.75	1.2
SPD65-10F	0.9	1.2	1.9
SPD65-12F	0.7	1	1.7
SPD25-9Z	0.35	0.75	1.2
SPD25-12Z	0.4	0.7	1.4
SPD20-12Z	0.45	0.75	1.6
SPD20-16Z	0.65	1.05	1.85
SPD25-16Z	0.8	1.1	1.7
SPD25-20Z	0.7	0.95	1.6
SPD20-20Z	0.8	1.1	1.7
SPD20-26Z	0.8	1.1	1.7
SPD20-35Z	0.5	1.05	1.7

Product list

SPD 270 W

Parameter table for 270W Pumps and Below

Model	Power (W)		Max. Flow (m ³ /h)	Rated Power (w)	Rated Current (A)	Voltage (V)		Housing material			
	Input	Output				115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD20-4 S	65	20	2.8	65/ 50/ 32	0.28/0.22/0.15	•	•	•	•	•	•
SPD25-4 S			3.0			•	•	•		•	•
SPD32-4 S			3.5			•	•	•			
SPD20-5 S	85	25	2.8	85/ 60/ 40	0.4 /0.3 /0.22	•	•	•	•	•	•
SPD25-5 S			3.3			•	•	•		•	•
SPD32-5 S			4.0			•	•	•			
SPD20-6 S	100	30	2.8	100/ 70/ 55	0.45/0.35/0.25	•	•	•		•	•
SPD25-6 S			3.3			•	•	•	•	•	•
SPD32-6 S			4.0			•	•	•			
SPD20-7 S	140	45	3.5	130/110/ 90	0.6/0.52/0.42	•	•	•		•	•
SPD25-7 S			4.0			•	•	•		•	•
SPD32-7 S			4.5			•	•	•	•		
SPD15-9 S	120	40	1.8	120/ 80/ 65	0.53 /0.4/0.25	•	•	•			
SPD15-12 S	270	120	3.5	270/240/160	1.2/1.1 /0.75	•	•	•			
SPD25-8 S	245	90	6.0	245/190/135	1.1/0.85/0.60	•	•	•	•	•	
SPD32-8 S			8.0			•	•	•			•
SPD32-5 SF	145	60	8.0	145/135/ 95	0.65/0.6/0.45	•	•	•			
SPD32-8 SF	245	90	8.0	245/190/135	1.1 /0.85/0.60	•	•	•			
SPD40-3 SF	145	60	8.0	145/120/100	0.65/0.53/0.45	•	•	•			
SPD25-12 S	270	120	4	270/240/160	1.2 /1.1 /0.75	•	•	•		•	

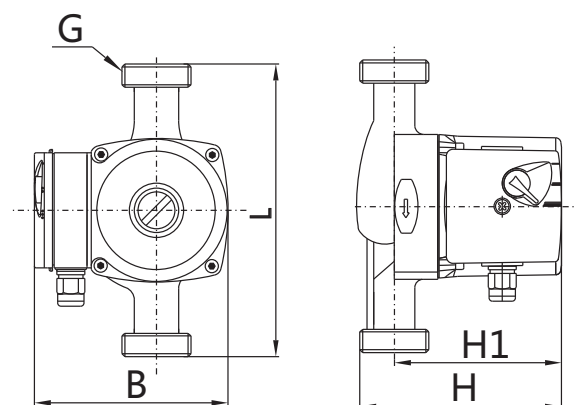
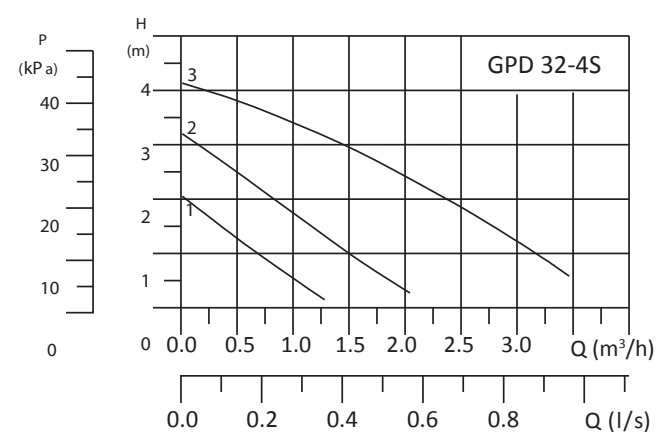
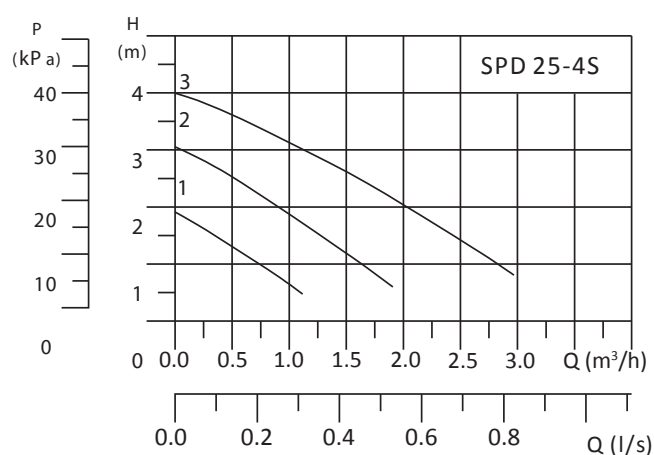
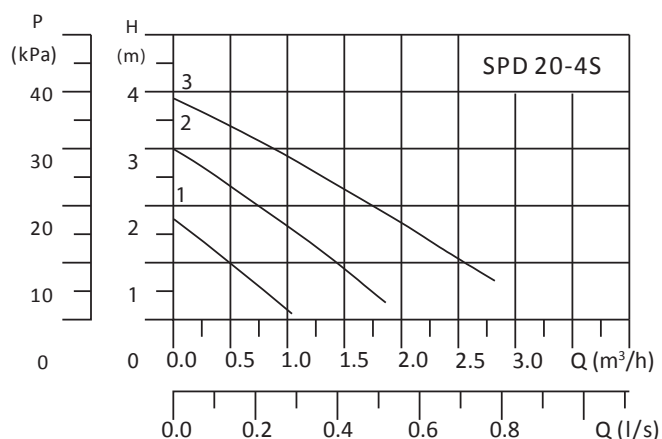
Product list

SPD 300W

Parameter table for 300W Pumps and Below

Model	Power (W)		Rated flow (m ³ /h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Voltage(V)		Housing material	
	Input	Output					115	230	CastIron	Copper
SPD25-9	300	150	5	5	1.5	2750	•	•	•	
SPD32-9			5	6.5	1.5	2750	•	•	•	
SPD25-12L			3.5	9	1.5	2750	•	•	•	
SPD15-12			1.25	10	1.5	2750	•	•	•	
SPD25-12	500	280	5	8	2.5	2800		•	•	
SPD32-12			6	8	2.5	2800		•	•	
SPD25-16	700	400	5	12.5	3.4	2800		•	•	
SPD25-20	1000	600	5	16	4.9	2800		•	•	
SPD32-9F	300	150	5	5	1.5	2750	•	•	•	
SPD32-12F	500	280	5	8	2.5	2800		•	•	
SPD40-4.5F	300	150	8	3.2	1.5	2750	•	•	•	
SPD40-6F	500	280	12.5	4.5	2.5	2800		•	•	
SPD50-5F	300	150	9	2.5	1.5	2750	•	•	•	
SPD50-8F	500	280	12	4.5	2.5	2800		•	•	
SPD40-12F	700	400	8	10	3.4	2800		•	•	
SPD40-16F	1000	600	8	15	4.9	2800		•	•	
SPD50-12F	1000	600	15	9	4.9	2800		•	•	
SPD50-16F	1300	850	12.5	12.5	5.8	2820		•	•	
SPD50-20F			12	14	5.8	2820		•	•	
SPD65-5F	700	400	15	3	3.4	2800		•	•	
SPD65-8F			20	5	3.4	2800		•	•	
SPD65-10F	1000	600	20	6.5	4.9	2800		•	•	
SPD65-12F	1300	850	25	7.5	5.8	2820		•	•	
SPD25-9Z	300	150	5	5	1.5	2750	•	•	•	
SPD25-12Z	500	280	5	8	2.5	2800		•	•	•
SPD20-12Z	300	150	2	8	1.5	2750	•	•	•	•
SPD20-16Z	500	280	3	10.5	2.5	2800		•	•	
SPD25-16Z	700	400	5	12.5	3.4	2800		•	•	
SPD25-20Z	1000	600	5	16	4.9	2800		•	•	•
SPD20-20Z	700	400	5	16	2.5	2800		•	•	•
SPD20-26Z	1000	600	7	18	4.9	2800		•	•	•
SPD20-35Z	1300	850	5	25	5.8	2820		•	•	

Model: SPD 20-25-32/4S

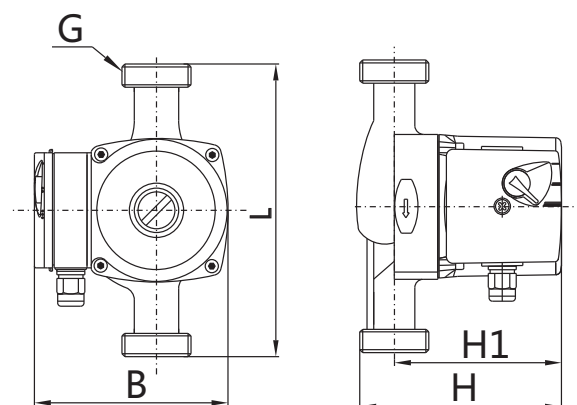
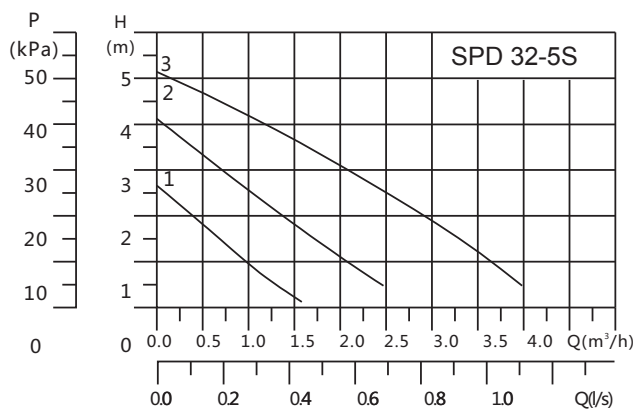
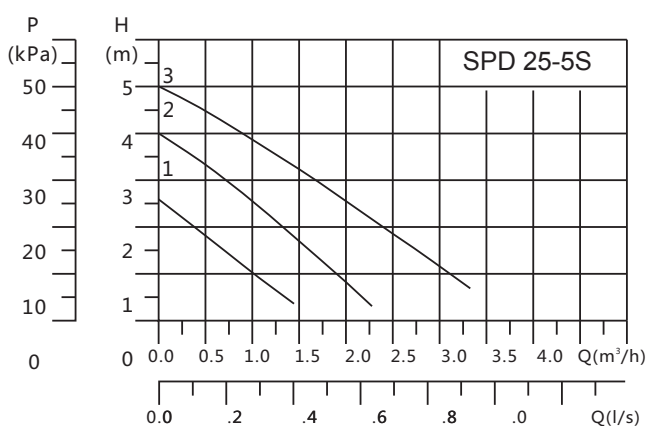
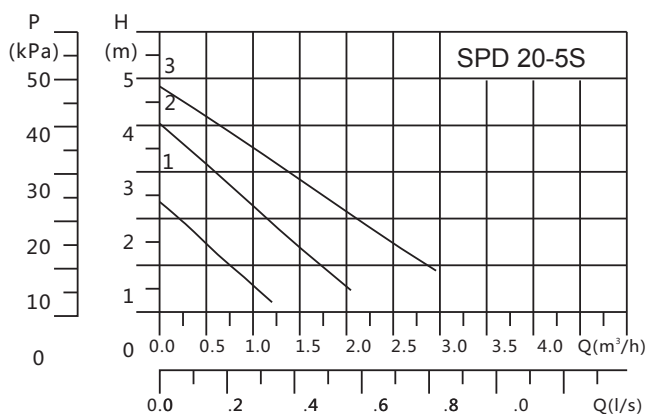


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)		Voltage(V)		Material of pump housing			
				Input/Output		115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD20-4S	2.8	65/50/32	0.28/0.22/0.15	65/20	●	●	●	●	●	●	●
SPD25-4S	3.0				●	●	●	●	●	●	●
SPD32-4S	3.5				●	●	●	●	●	●	●

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD20-4S	130	130	105	130	1"	2.1	2.4	0.0035	1"-¾"	170×140×145	350×290×300
SPD25-4S	130/180	130	105	130	1½"	2.4	3	0.0041	1½"-1"	170×140×145 200×140×145	350×290×300 410×290×300
SPD32-4S	180	130	105	130	2"	2.7	3.5	0.0041	2"-1¼" or 1½"	200×140×145	410×290×300

Model: SPD 20-25-32/5S

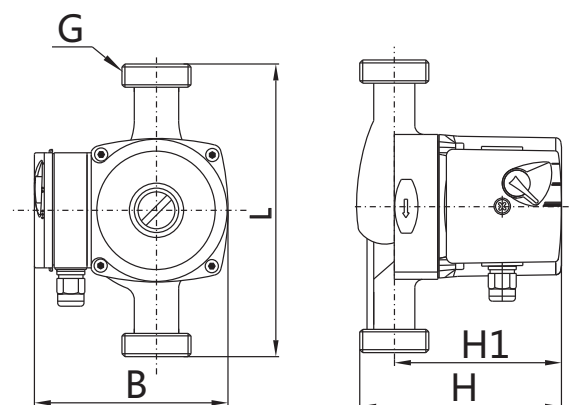
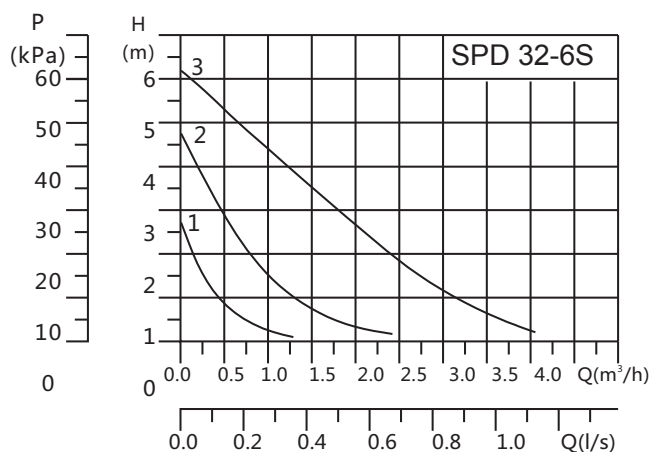
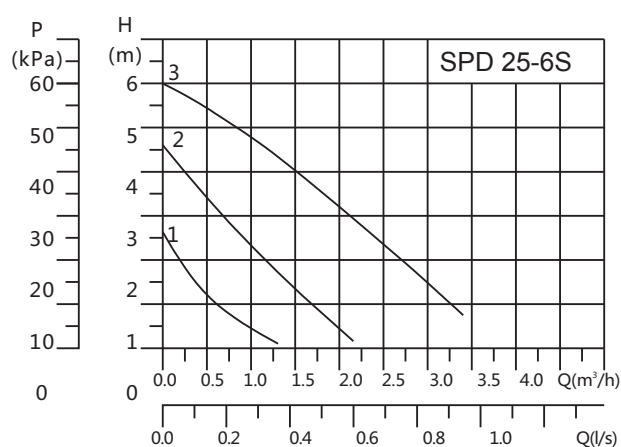
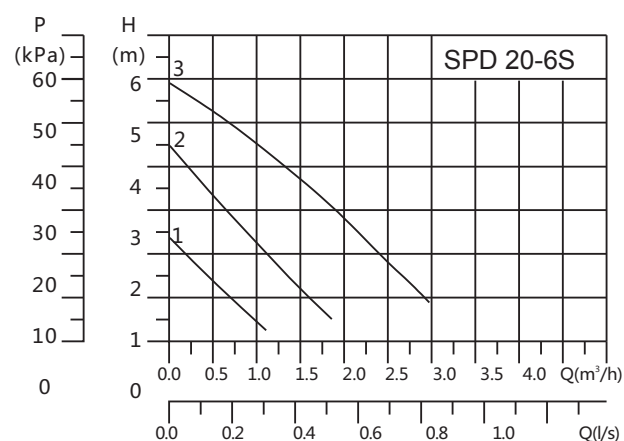


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)		Voltage(V)		Material of pump housing			
				Input/Output		115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD20-5S	2.8	85/60/40	0.4/0.3/0.22	85/25	●	●	●	●	●	●	●
SPD25-5S	3.3				●	●	●	●	●	●	●
SPD32-5S	4.0				●	●	●	●	●	●	●

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD20-5S	130	130	105	130	1"	2.3	2.6	0.0035	1"-¾"	170×140×145	350×290×300
SPD25-5S	130/180	130	105	130	1½"	2.6	3.2	0.0041	1½"-1"	170×140×145 200×140×145	350×290×300 410×290×300
SPD32-5S	180	130	105	130	2"	2.9	3.8	0.0041	2"-1¼" or 1½"	200×140×145	410×290×300

Model: SPD 20-25-32/6S

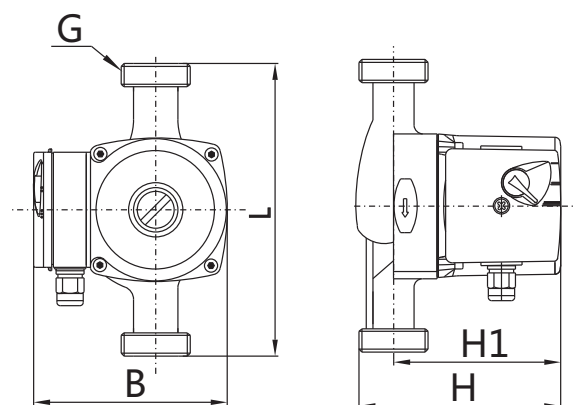
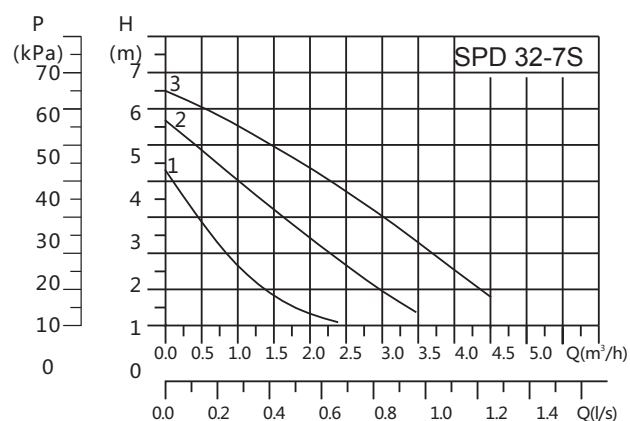
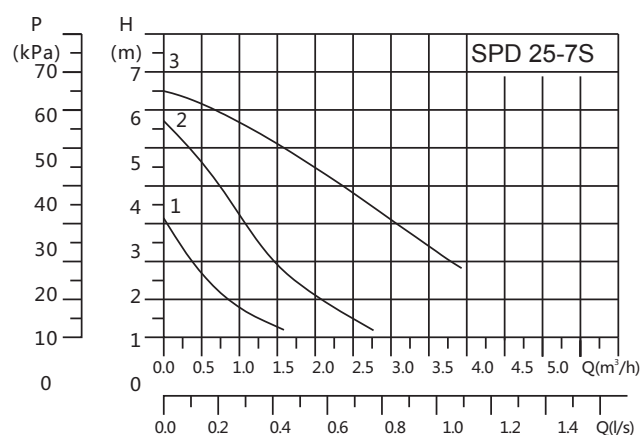
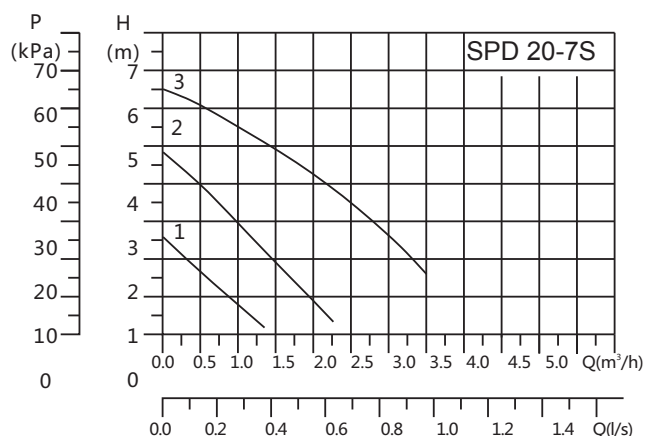


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)		Voltage(V)		Material of pump housing			
				Input/Output		115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD20-6S	2.8	100/70/55	0.45/0.35/0.25	100/30	●	●	●	●	●	●	●
SPD25-6S	3.3				●	●	●	●	●	●	●
SPD32-6S	4.0				●	●	●	●	●	●	●

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD20-6S	130	130	105	130	1"	2.3	2.6	0.0035	1"-¾"	170×140×145	350×290×300
SPD25-6S	130/180	130	105	130	1½"	2.6	3.2	0.0041	1½"-1"	170×140×145 200×140×145	350×290×300 410×290×300
SPD32-6S	180	130	105	130	2"	2.9	3.8	0.0041	2"-1¼" or 1½"	200×140×145	410×290×300

Model: SPD 20-25-32/7S

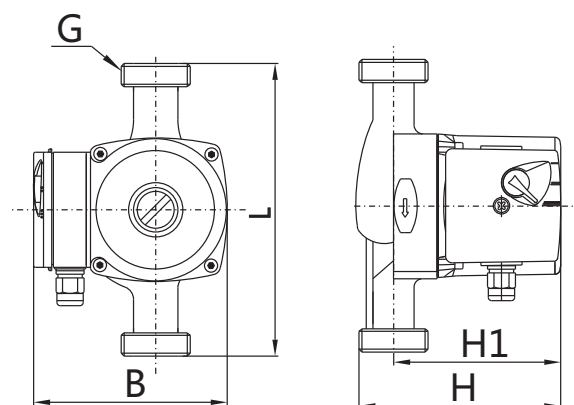
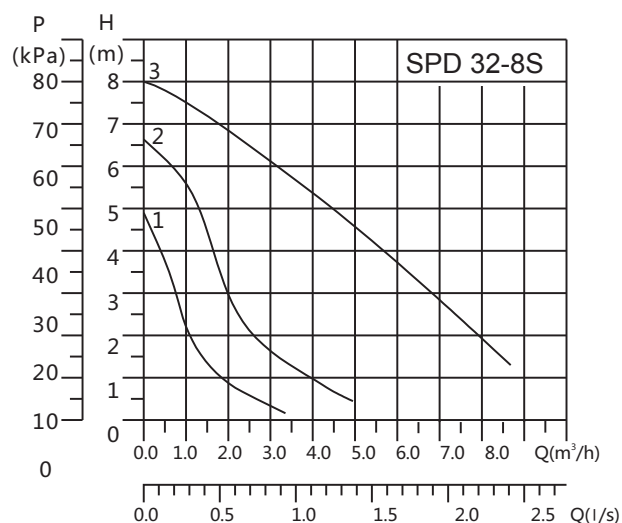
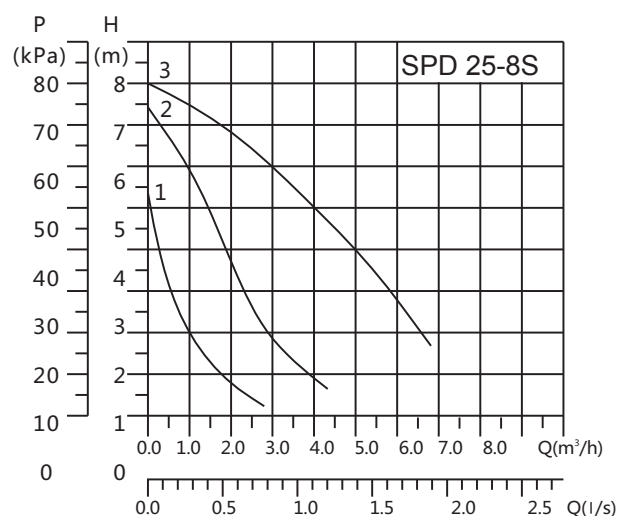


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power (W)		Voltage (V)		Material of pump housing			
				Input/Output		115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD20-7S	3.5	130/110/90	0.6/0.52/0.42	140/45	●	●	●	●	●	●	●
SPD25-7S	4.0				●	●	●	●	●	●	●
SPD32-7S	4.5				●	●	●	●	●	●	●

Model	Dimension					Weight (Kg)		Volume (m³)	Connection Flange	Package size (mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD20-7S	130	130	105	130	1"	2.3	2.7	0.0035	1"-¾"	170×140×145	350×290×300
SPD25-7S	130/180	130	105	130	1½"	2.6	3.2	0.0041	1½"-1"	170×140×145 200×140×145	350×290×300 410×290×300
SPD32-7S	180	130	105	130	2"	2.9	3.8	0.0041	2"-1¼" or 1½"	200×140×145	410×290×300

Model: SPD 25-32/8S

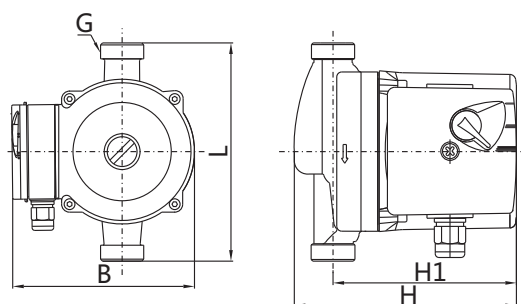
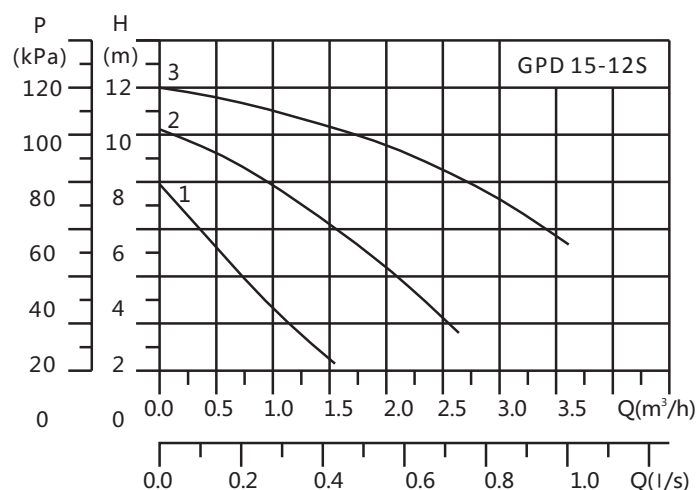
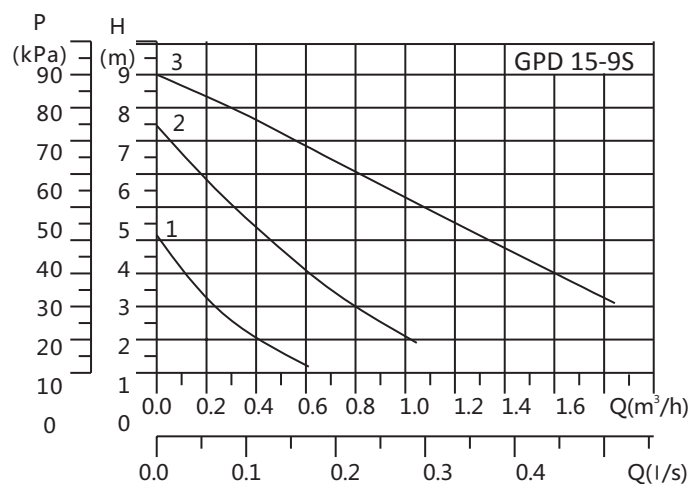


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)	Voltage(V)		Material of pump housing			
				Input/Output	115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD25-8S	6	245/190/135	1.1/0.85/0.60	245/90	●	●	●	●	●	
SPD32-8S	8				●	●	●			●

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD25-8S	180	170	130	150	1½"	4.8	5.5	0.0063	1½"-1"	200x165x190	410x340x195
SPD32-8S	180	170	130	150	2"	4.6	5.6	0.0063	2"-1¼" or 1½"	200x165x190	410x340x195

Model: SPD 15/9-12S

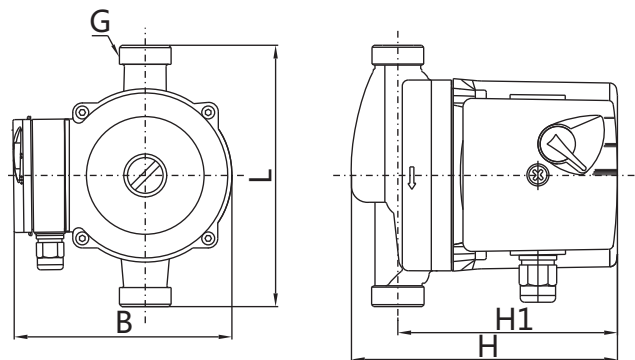
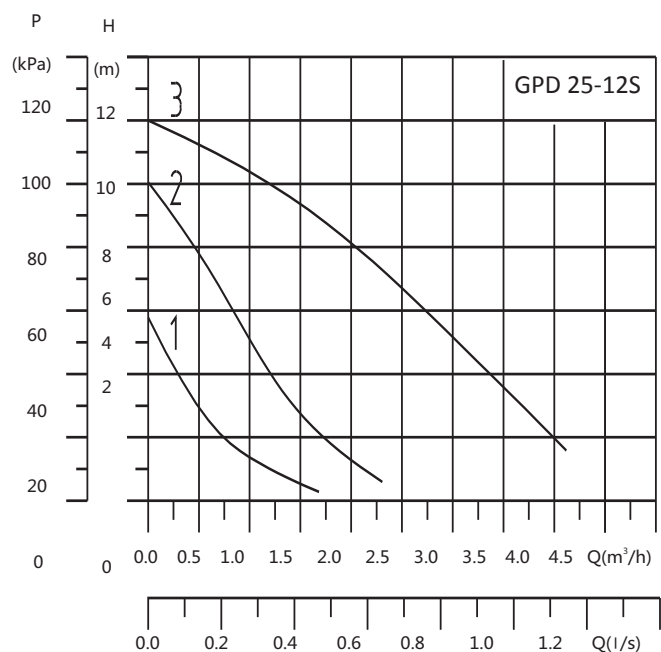


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)	Voltage(V)		Material of pump housing			
				Input/Output	115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD15-9S	1.8	120/80/50	0.53/0.4/0.25	120/40	●	●	●			
SPD15-12S	3.5	270/240/160	1.2/1.1/0.75	270/120	●	●	●			

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD15-9S	130	130	105	130	¾"	2.3	2.5	0.0035	¾" - ½"	170x140x145	350x290x300
SPD15-12S	150	150	132	150	¾"	3.9	4.4	0.0063	¾" - ½"	200x165x190	410x340x195

Model: SPD 25-12/S

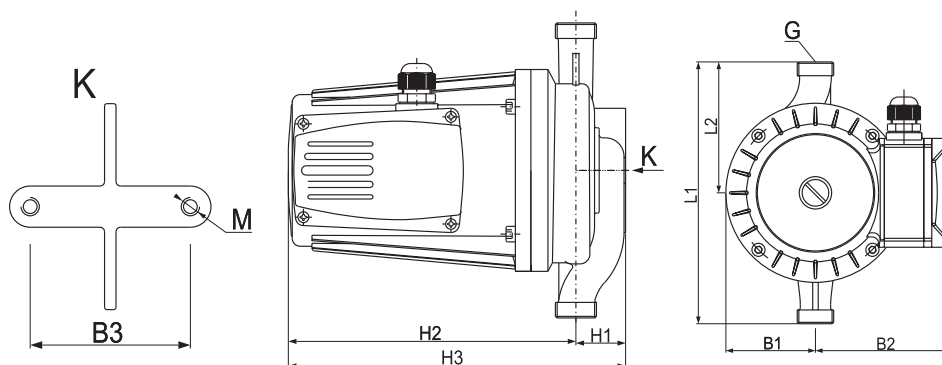
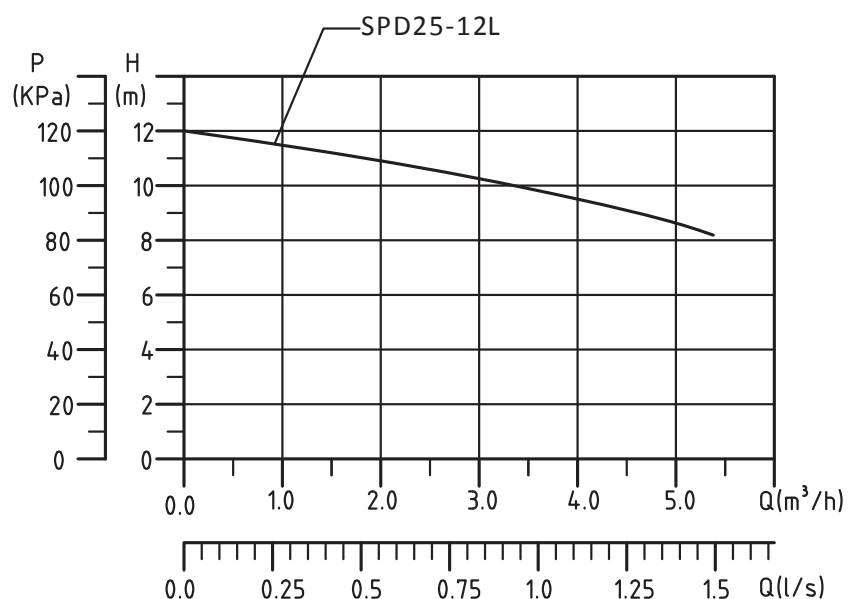


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)	Voltage(V)		Material of pump housing			
				Input/Output	115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD25-12S	4	270/240/160	1.2/1.1/0.75	270/120	●	●	●		●	

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD25-12S	180	151	128	150	1½"	2.3	2.5	0.0035	1½"-1"	200x165x190	410x340x195

Model: SPD 25/12L

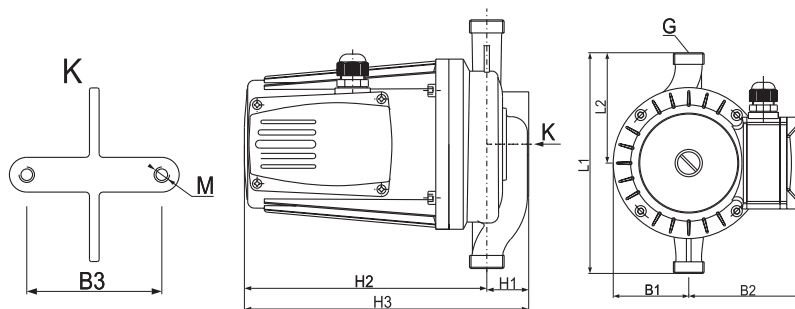
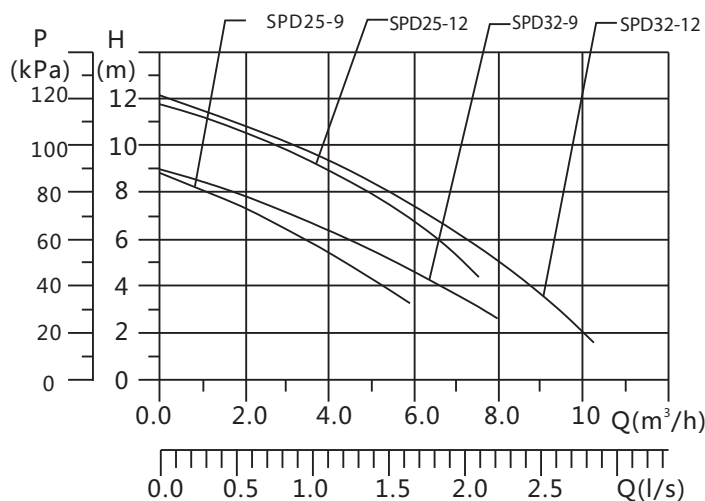


Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Power(W) Input/Output	Voltage(V)		Material of pump housing			
					115	230	CastIron	Plastic	Copper	Stainless steel
SPD25-12L	3.5	9	1.5	300/150	●	●	●			

Model	Dimension									Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	H1	H2	H3	L1	L2	B1	B2	B3	M	N.W.	G.W.			Inner box	Outer box
SPD25-12L	45	162	207	200	100	65	99	70	M8	6.6	7	0.012	1½" - 1"	255×200×235	520×410×240

Model: SPD 25-32/9-12



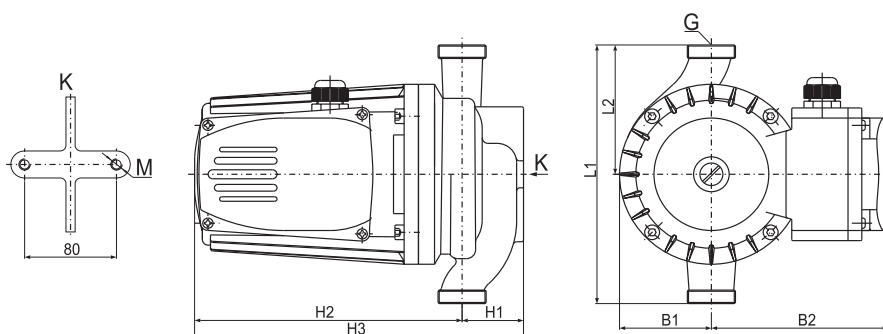
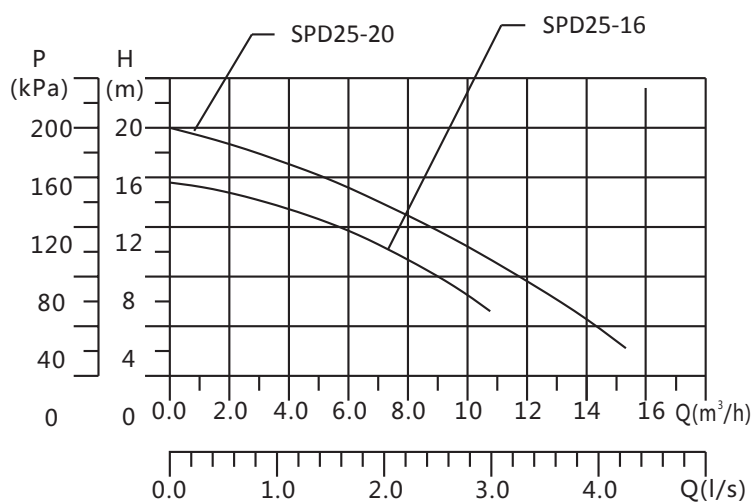
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W) Input/Output	Voltage(V)		Material of pump housing		
						115	230	Cast Iron	Copper	Stainless steel
SPD25-9	5	5	1.5	2750	300/150	●	●	●		
SPD32-9	5	6.5	1.5	2750		●	●	●		
SPD25-12	5	8	2.5	2800	500/280		●	●		
SPD32-12	6	8	2.5	2800			●	●		

Model	Dimension									Weight(Kg)		Volume (m³)
	H1	H2	H3	L1	L2	B1	B2	B3	M	N.W.	G.W.	
SPD25-9	44	165	209	220	110	68	99	70	M8	6.4	6.8	0.012
SPD32-9	49	165	214	220	110	68	99	70	M8	7	8.1	0.012
SPD25-12	44	185	229	220	110	68	99	70	M8	7.7	8.5	0.013
SPD32-12	49	185	234	220	110	68	99	70	M8	8.4	9.5	0.013

Model	Connection/Flange	Package size (mm x mm x mm)	
		Inner box	Outer box
SPD25-9	1½"-¾"	255×200×235	520×410×240
SPD32-9	2"-1¼" or 1½"	255×200×235	520×410×240
SPD25-12	1½"-¾"	255×200×255	520×410×260
SPD32-12	2"-1¼" or 1½"	255×200×255	520×410×260

Model: SPD 25/16-20



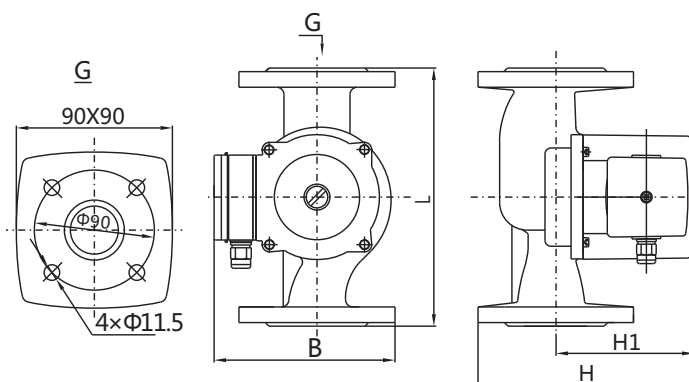
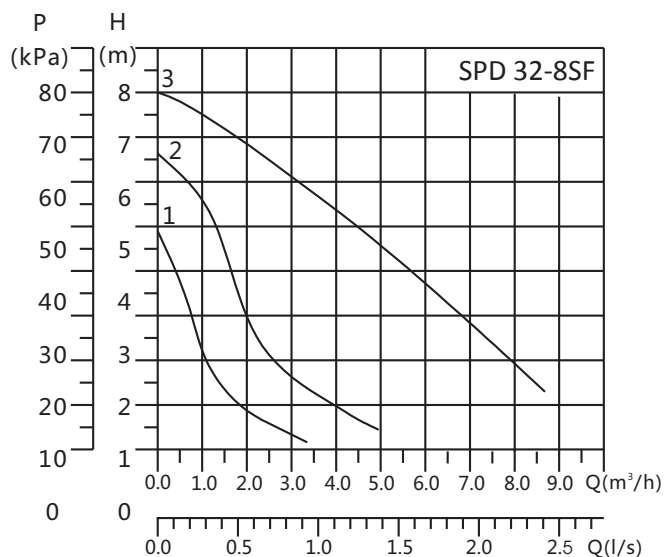
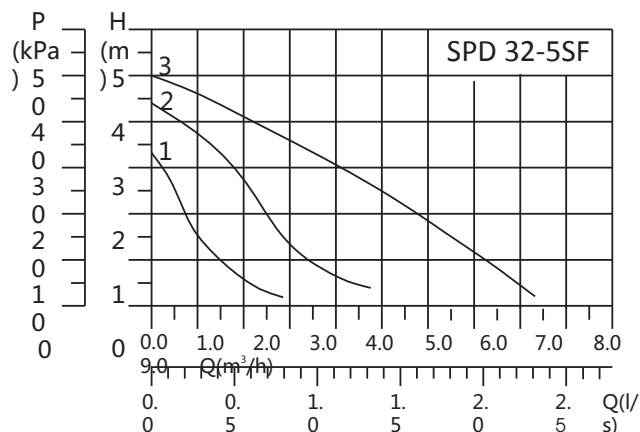
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)		Voltage(V)		Material of pump housing		
					Input/Output		115	230	Cast Iron	Copper	Stainless steel
SPD25-16	5	12.5	3.4	2800	700/400			●	●		
SPD25-20	5	16	4.9	2800	1000/600			●	●		

Model	Dimension									Weight(Kg)		Volume (m³)
	H1	H2	H3	L1	L2	B1	B2	B3	M	N.W.	G.W.	
SPD25-16	54	232	286	230	115	80	154	80	M8	12.5	13.6	0.026
SPD25-20	54	232	286	230	115	80	154	80	M8	13.4	14.7	0.026

Model	Connection/Flange	Package size(mm×mm×mm)
SPD25-16	1½"-1" or 1¼"-¾"	260×260×330
SPD25-20	1½"-1" or 1¼"-¾"	260×260×330

Model: SPD 32/5-8SF

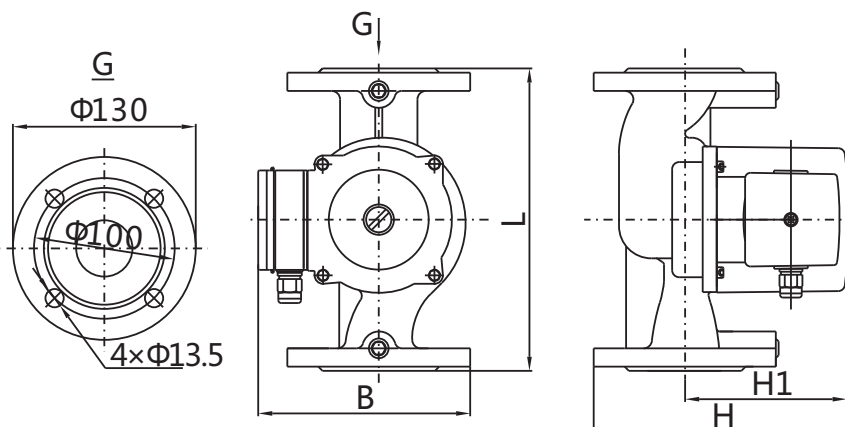
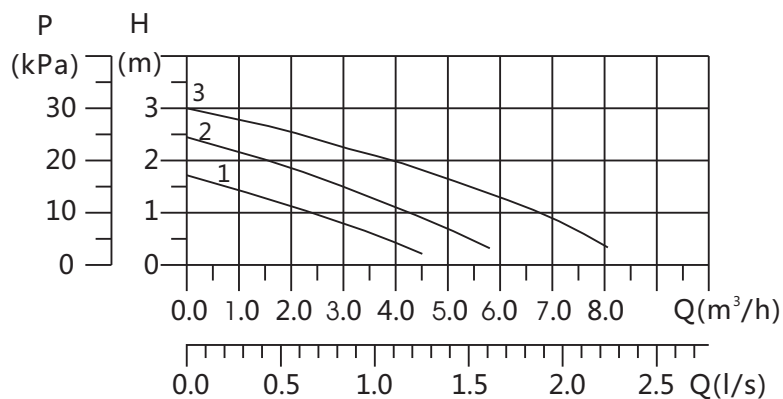


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)	Voltage(V)		Material of pump housing			
				Input/Output	115	230	Cast Iron	Plastic	Copper	Stainless steel
SPD32-5SF	8	145/135/95	0.65/0.6/0.45	145/60	●	●	●			
SPD32-8SF	8	245/190/135	1.1/0.85/0.60	245/90	●	●	●			

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD32-5SF	200	185	130	150	DN32	5.2	6.8	0.0083	DN32-G2"	225x175x210	460x360x215
SPD32-8SF	200	185	130	150	DN32	5.8	7.4	0.0083	DN32-G2"	225x175x210	460x360x215

Model: SPD 40/3SF

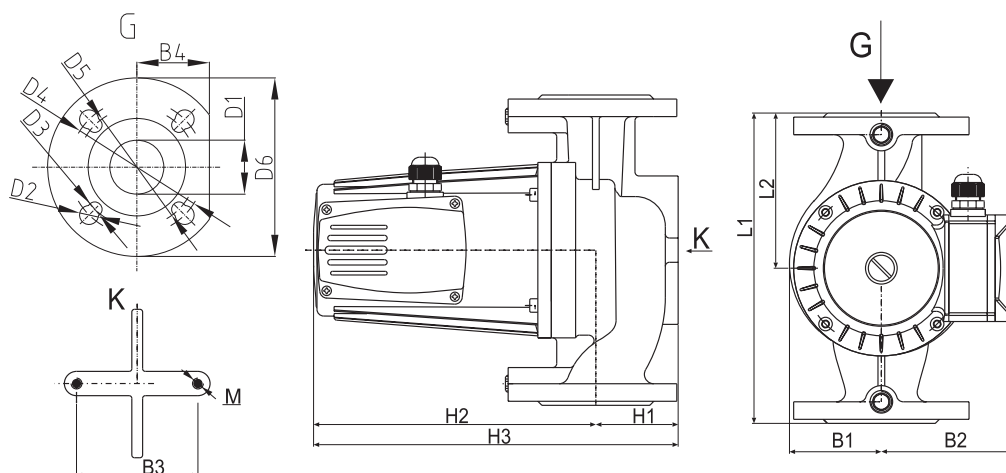
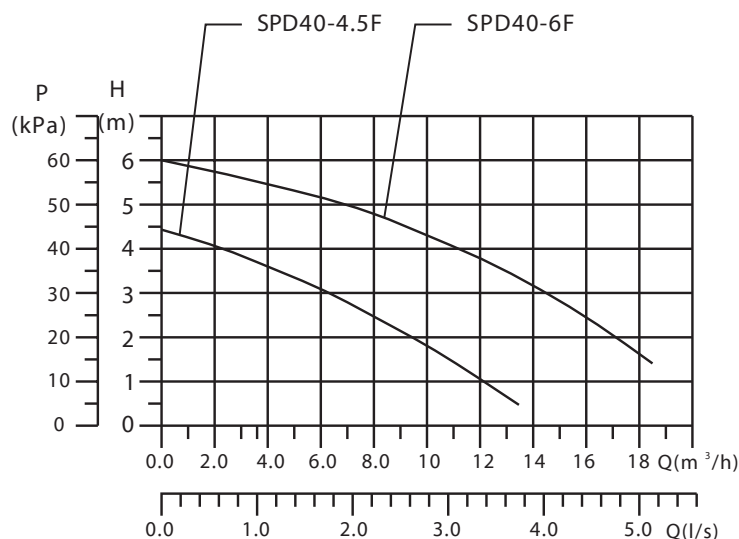


Technical data

Model	Max. Flow (m³/h)	Rated Power (W)	Rated Current (A)	Power(W)		Voltage(V)		Material of pump housing			
				Input/Output	115	230		Cast Iron	Plastic	Copper	Stainless steel
SPD40-3SF	8	145/120/100	0.65/0.53/0.45	145/60	●	●		●			

Model	Dimension					Weight(Kg)		Volume (m³)	Connection Flange	Package size(mm×mm×mm)	
	L	H	H1	B	G	N.W.	G.W.			Inner box	Outer box
SPD40-3SF	215	185	120	150	DN40	7.2	7.6	0.009	DN40	240x170x215	490x350x220

Model: SPD 40/4.5-6F



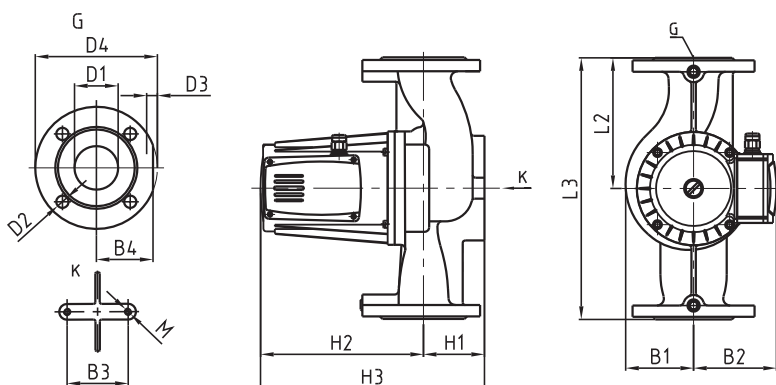
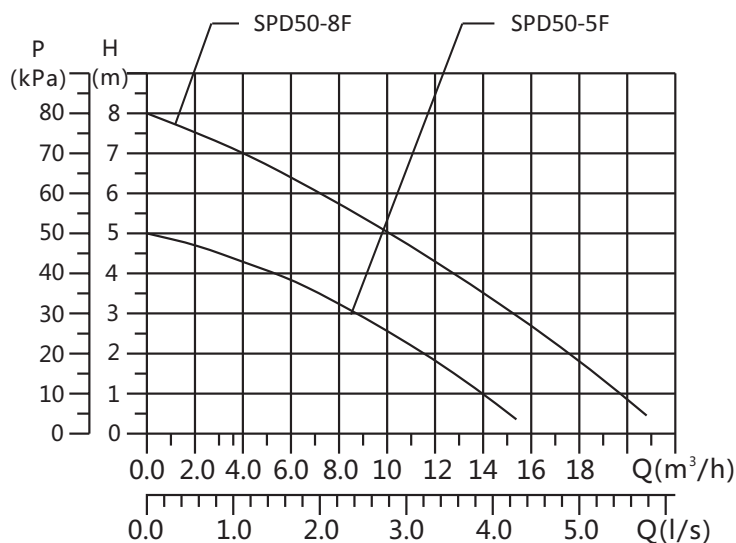
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)	Voltage(V)		Material of pump housing		
					Input/Output	115	230	Cast Iron	Copper	Stainless steel
SPD40-4.5F	8	3.2	1.5	2750	300/150	●	●	●		
SPD40-6F	12.5	4.5	2.5	2800	500/280		●	●		

Model	Dimension															
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	M
SPD40-4.5F	61	189	250	230	115	68	99	90	60	40	13.5	100	130	100	150	M8
SPD40-6F	61	209	270	230	115	68	99	90	60	40	13.5	100	130	100	150	M8

Model	Connection/Flange	Weight(Kg)		Volume (m³)	Package size(mm×mm×mm)	
		N.W.	G.W.		Inner box	Outer box
SPD40-4.5F	DN40	9.5	12.2	0.013	255×190×270	265×390×275
SPD40-6F	DN40	10.8	13.5	0.014	255×190×290	265×390×295

Model: SPD 50/5-8F



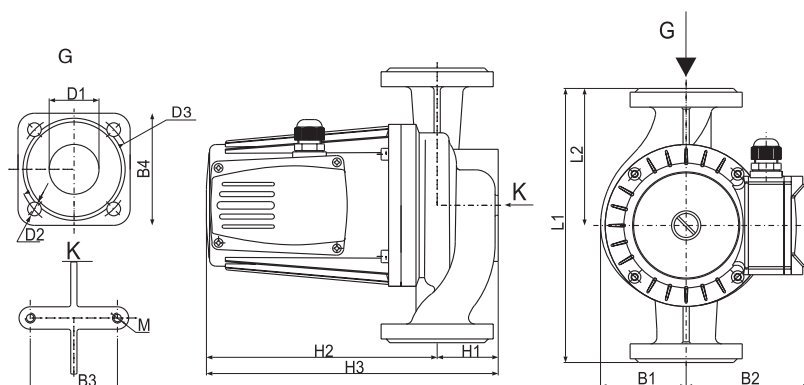
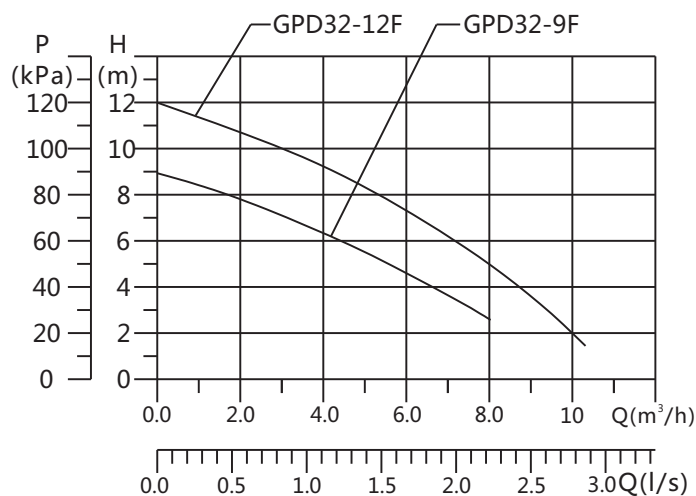
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)	Voltage(V)		Material of pump housing		
					Input/Output	115	230	Cast Iron	Copper	Stainless steel
SPD50-5F	9	2.5	1.5	2750	300/150	●	●	●		
SPD50-8F	12.5	4.5	2.5	2800	500/280		●	●		

Model	Dimension															
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	M
SPD50-5F	72	165	237	250	125	68	154	90	67	50	17.5	13.5	125	110	165	M10
SPD50-8F	72	185	257	250	125	68	154	90	67	50	17.5	13.5	125	110	165	M10

Model	Connection/Flange	Weight(Kg)		Volume (m³)	Package size(mm×mm×mm)
		N.W.	G.W.		
SPD50-5F	DN50	11.6	13	0.021	310 × 200 × 280
SPD50-8F	DN50	13	15	0.021	

Model: SPD 32/9-12F



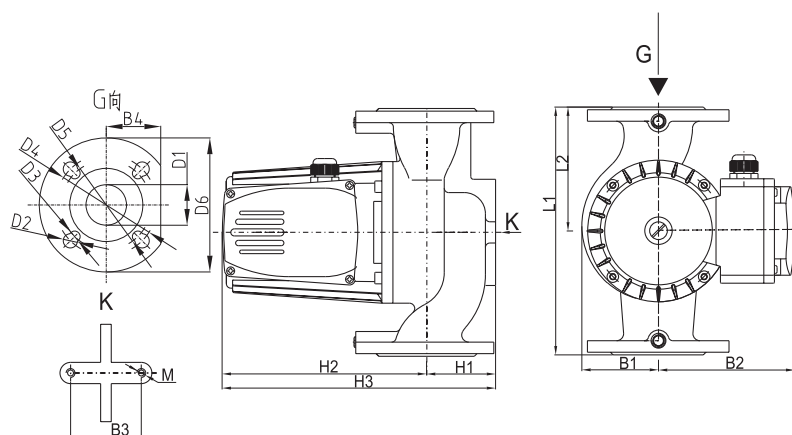
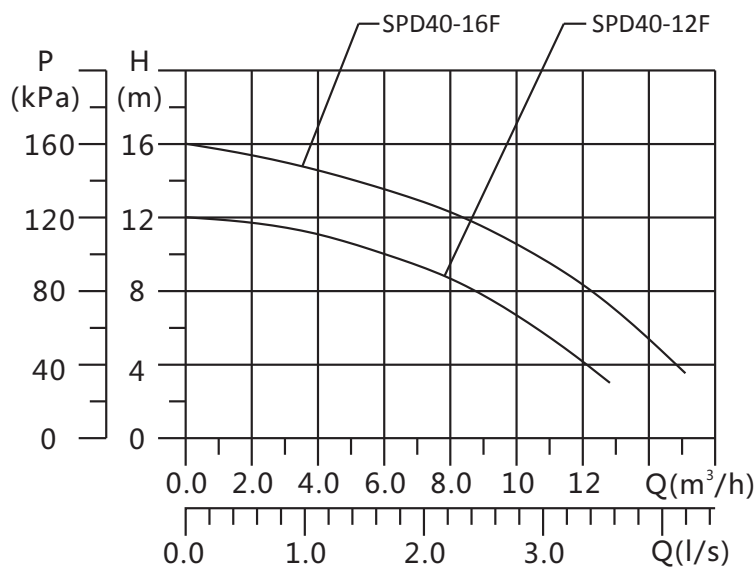
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)	Voltage(V)		Material of pump housing		
					Input/Output	115	230	Cast Iron	Copper	Stainless steel
SPD32-9F	5	5	1.5	2750	300/150	●	●	●		
SPD32-12F	5	8	2.5	2800	500/280		●	●		

Model	Dimension												
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	M
SPD32-9F	49	165	214	220	110	68	99	70	90	40	11.5	90	M8
SPD32-12F	49	185	234	220	110	68	99	70	90	40	11.5	90	M8

Model	Weight (Kg)		Volume (m³/h)	Connection/Flange	Package size(mm×mm×mm)	
	N.W.	G.W.			Inner box	Outer box
SPD32-9F	8	9.7	0.012	DN32	255×200×235	520×410×240
SPD32-12F	9.3	10.9	0.013	DN32	255×200×255	520×410×260

Model: SPD 40/12-16F



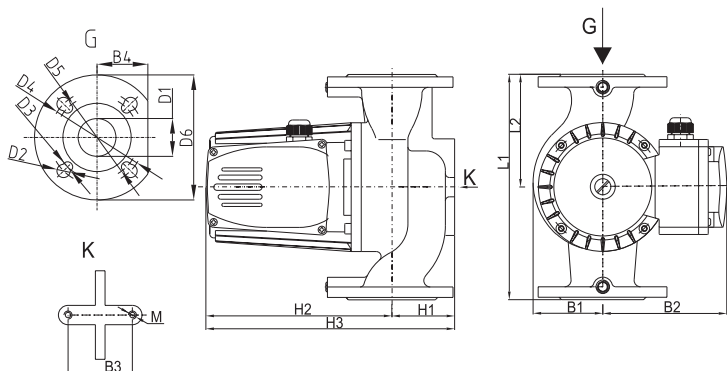
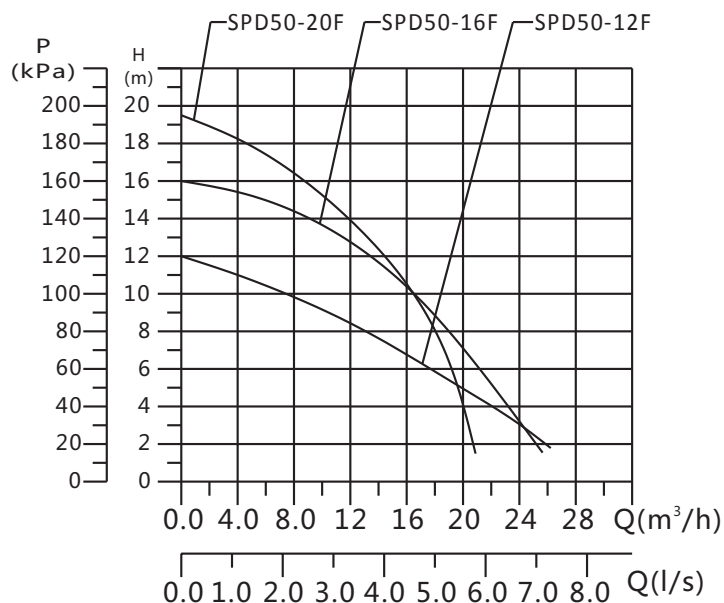
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)	Voltage(V)		Material of pump housing		
					Input/Output	115	230	Cast Iron	Copper	Stainless steel
SPD40-12F	8	10	3.4	2800	700/400		●	●		
SPD40-16F	8	15	4.9	2800	1000/600		●	●		

Model	Dimension															
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	M
SPD40-12F	65	232	297	250	125	80	154	80	60	40	17.5	13.5	110	100	150	M10
SPD40-16F	65	232	297	250	125	80	154	80	60	40	17.5	13.5	110	100	150	M10

Model	Connection/Flange	Weight(Kg)		Volume (m³)	Package size(mm×mm×mm)
		N.W.	G.W.		
SPD40-12F	DN40 - G1 ½-1¼	15.3	18.4	0.026	260 × 260 × 330
SPD40-16F	DN40 - G1 ½-1¼	16.9	20	0.026	

Model: SPD 50/12-16-20F



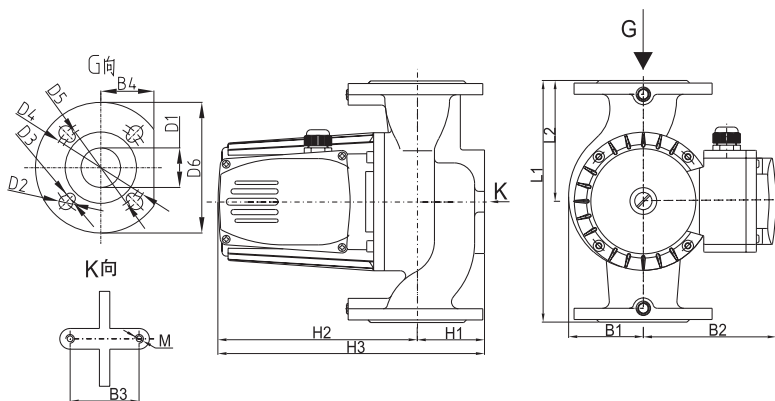
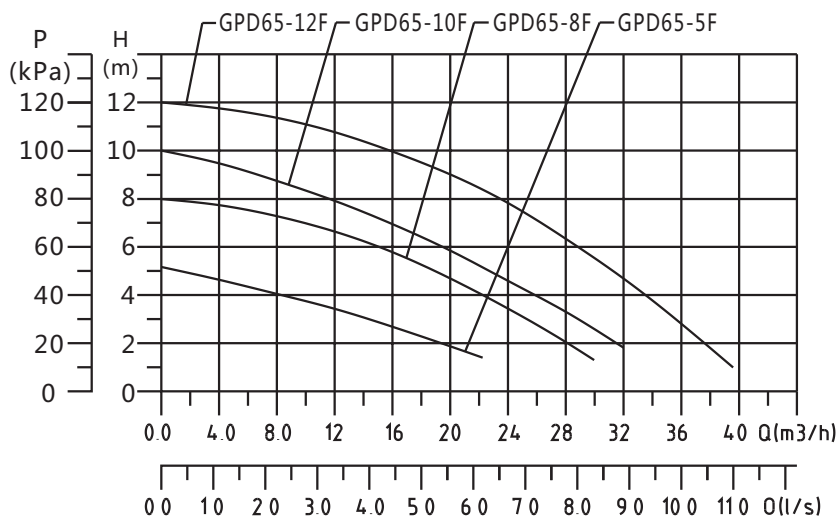
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)		Voltage(V)		Material of pump housing		
					Input/Output		115	230	Cast Iron	Copper	Stainless steel
SPD50-12F	12.5	9	4.9	2800	1000/600		●	●	●		
SPD50-16F	12.5	12.5	5.8	2820	1300/850		●	●	●		
SPD50-20F	12	14	5.8	2820			●	●	●		

Model	Dimension															
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	M
SPD50-12F	72	232	304	280	140	88	154	90	72	50	17.5	13.5	125	110	165	M10
SPD50-16F	72	257	329	280	140	88	154	90	72	50	17.5	13.5	125	110	165	M10
SPD50-20F	72	257	329	280	140	88	154	90	72	50	17.5	13.5	125	110	165	M10

Model	Connection/Flange	Weight(Kg)		Volume (m³)	Package size(mm×mm×mm)
		N.W.	G.W.		
SPD50-12F	DN50 -G2"	17.6	22.4	0.04	393×338×293
SPD50-16F	DN50 -G2"	19.6	24.4	0.04	393×338×293
SPD50-20F	DN50 -G2"	19.8	24.6	0.04	393×338×293

Model: SPD 65/5-8-10-12F



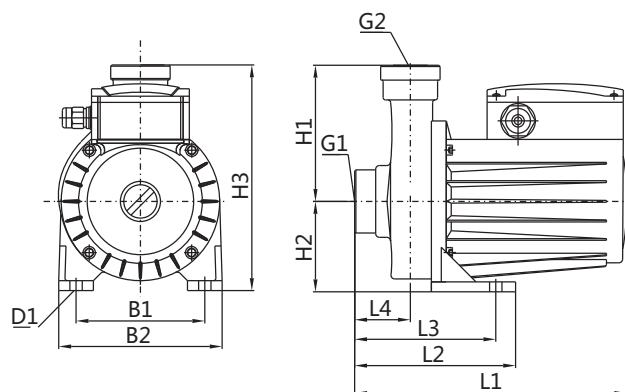
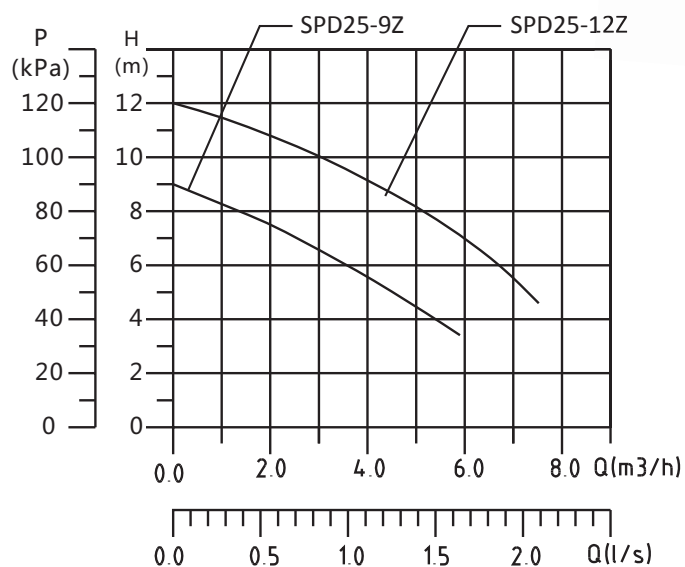
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)		Voltage(V)		Material of pump housing		
					Input/Output		115	230	Cast Iron	Copper	Stainless steel
SPD65-5F	15	3	3.4	2800	700/400		●	●	●		
SPD65-8F	20	5	3.4	2800			●	●	●		
SPD65-10F	18	7	4.9	2800	1000/600		●	●	●		
SPD65-12F	25	7.5	5.8	2820	1300/850		●	●	●		

Model	Dimension															
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	M
SPD65-5F	78	232	310	280	140	88	154	90	76	65	17.5	13.5	145	130	180	M10
SPD65-8F	78	232	310	280	140	88	154	90	76	65	17.5	13.5	145	130	180	M10
SPD65-10F	78	232	310	300	150	93	154	90	76	65	17.5	13.5	145	130	185	M10
SPD65-12F	78	257	335	300	150	93	154	90	76	65	17.5	13.5	145	130	185	M10

Model	Connection/Flange	Weight(Kg)		Volume (m³)	Package size(mm×mm×mm)
		N.W.	G.W.		
SPD65-5F	DN65 - G2½	18	21.5	0.04	393×338×293
SPD65-8F	DN65 - G2½	18.2	21.7	0.04	393×338×293
SPD65-10F	DN65 - G2½	19.7	24.7	0.042	393×358×293
SPD65-12F	DN65 - G2½	21.5	26.5	0.042	393×358×293

Model: SPD 25/9-12Z



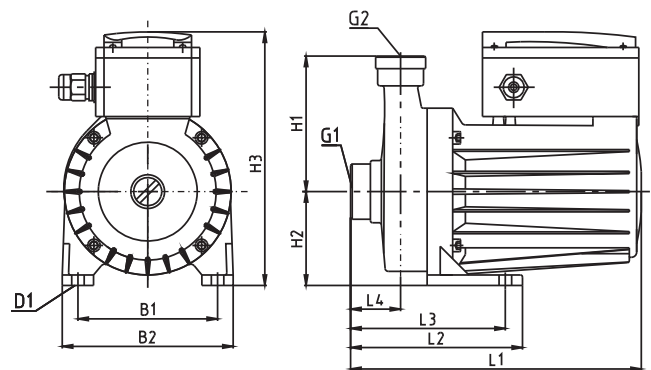
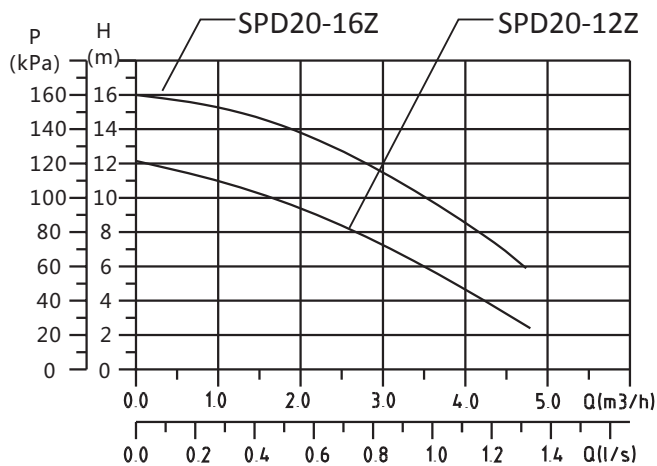
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)
					Input/Output
SPD25-9Z	5	5	1.5	2750	300/150
SPD25-12Z	5	8	2.5	2800	500/280

Model	Voltage(V)		Material of pump housing			Package size (mm x mm x mm)	
	110	230	Cast Iron	Copper	Stainless steel	Inner box	Outer box
SPD25-9Z	●	●	●			215×165×225	440×340×230
SPD25-12Z		●	●			215×165×245	440×340×250

Model	Dimension												Weight		Volume (m³)
	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	
SPD25-9Z	110	72	182	209	130	114	45	104	132	10	1¼"	1"	6.5	7.2	0.008
SPD25-12Z	110	72	182	229	130	114	45	104	132	10	1¼"	1"	8	8.7	0.009

Model: SPD 20/12-16Z



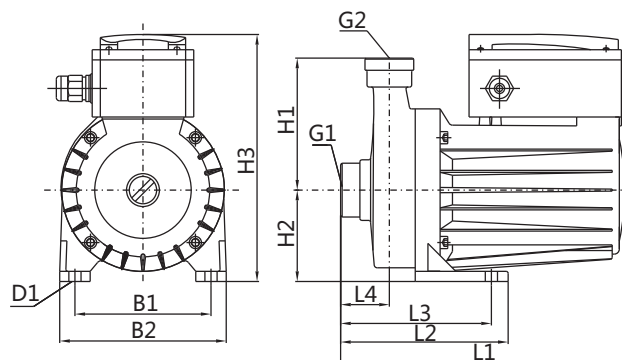
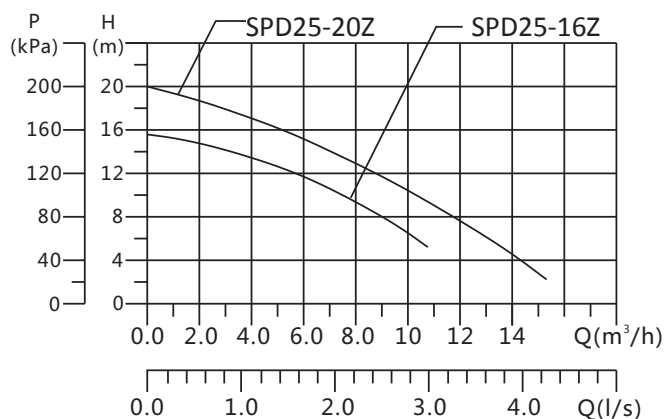
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)
					Input/Output
SPD20-12Z	2	8	1.5	2750	300/150
SPD20-16Z	3	10.5	2.5	2800	500/280

Model	Voltage(V)		Material of pump housing			Package size (mm x mm x mm)	
	110	230	Cast Iron	Copper	Stainless steel	Inner box	Outer box
SPD25-9Z	●	●	●	●		215×165×225	440×340×230
SPD25-12Z		●	●	●		215×165×245	440×340×250

Model	Dimension												Weight		Volume (m³)
	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	
SPD25-9Z	106	75	181	202	127	92	37	120	145	10	1"	1¼"	6.4	7.1	0.008
SPD25-12Z	106	75	181	222	127	92	37	120	145	10	1"	1¼"	7.8	8.5	0.009

Model: SPD 25/16-20Z



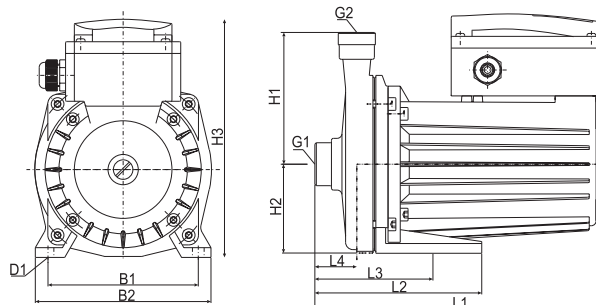
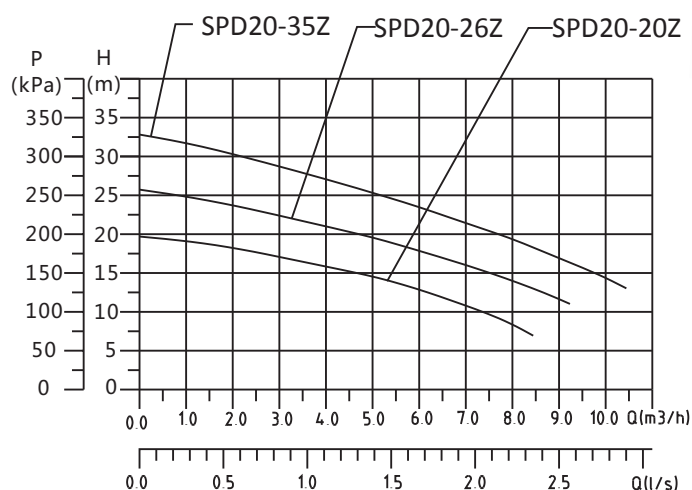
Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)
					Input/Output
SPD25-16Z	5	12.5	3.4	2800	700/400
SPD25-20Z	5	16	4.9	2800	1000/600

Model	Voltage(V)		Material of pump housing			Package size (mm x mm x mm)
	110	230	Cast Iron	Copper	Stainless steel	
SPD25-16Z		●	●			358×238×298
SPD25-20Z		●	●			358×238×298

Model	Dimension												Weight		Volume (m³)
	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	
SPD25-16Z	130	90	244	268	165	148	48	134	164	12	1¼"	1"	10.6	12.2	0.026
SPD25-20Z	130	93	244	268	165	148	48	134	164	12	1¼"	1"	11.6	13.2	0.026

Model: SPD 25/20-26-35Z



Technical data

Model	Rated flow (m³/h)	Rated head (m)	Rated Current (A)	Speed (r/min)	Power(W)
					Input/Output
SPD20-20Z	5	16	2.5	2800	700/400
SPD20-26Z	7	18	4.9	2800	1000/600
SPD20-35Z	2	25	5.8	2820	1300/850

Model	Voltage(V)		Material of pump housing			Package size (mm x mm x mm)
	110	230	Cast Iron	Copper	Stainless steel	
GPD20-20Z		●	●	●		358×238×298
GPD20-26Z		●	●	●		358×238×298
GPD20-35Z		●	●	●		358×238×298

Model	Dimension												Weight		Volume (m³)
	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	G1	G2	N.W.	G.W.	
SPD20-20Z	140	91	244	272	171	121	43	154	180	12	1"	¾"	13.7	15.3	0.026
SPD20-26Z	140	91	244	272	171	121	43	154	180	12	1"	¾"	14.7	16.3	0.026
SPD20-35Z	140	91	244	295	171	121	43	154	180	12	1"	¾"	16.7	18.3	0.026



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