



XPS-F

XPS

Application Limits

- ◉ Liquid temperature: +2°C ~ +110°C
- ◉ Maximum ambient temperature +40°C
- ◉ Maximum system pressure 10bar
- ◉ Protection level: IP44
- ◉ Mains connection: 220V/50Hz, 220V/60Hz, 127V/60Hz
- ◉ Insulation class: H
- ◉ Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- ◉ Installation: the motor shaft must be kept in horizontal direction
- ◉ pH: 6.5 to 8.5

Certificate



Applications Fields

XPS pumps are designed for circulation of liquids in heating and air-conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.

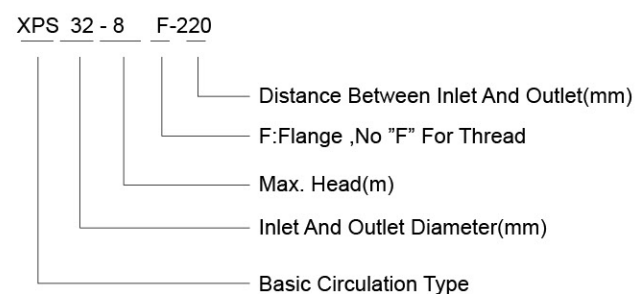
Features

- ◉ 3-speed adjustment
- ◉ Low noise
- ◉ No leakage

Optional Available on Request

- (* Standard configuration on Page 24)
- ◉ Products can be customized according to customer's voltage and frequency
 - ◉ Brass pump body, enamel pump body, stainless steel pump body

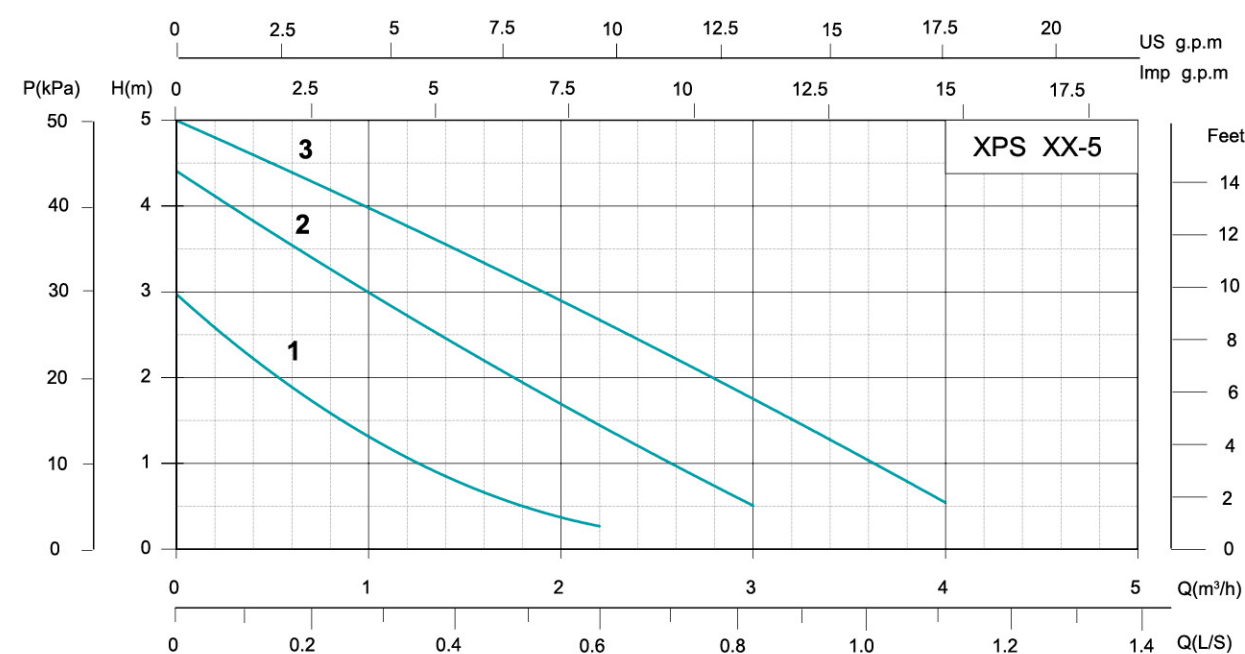
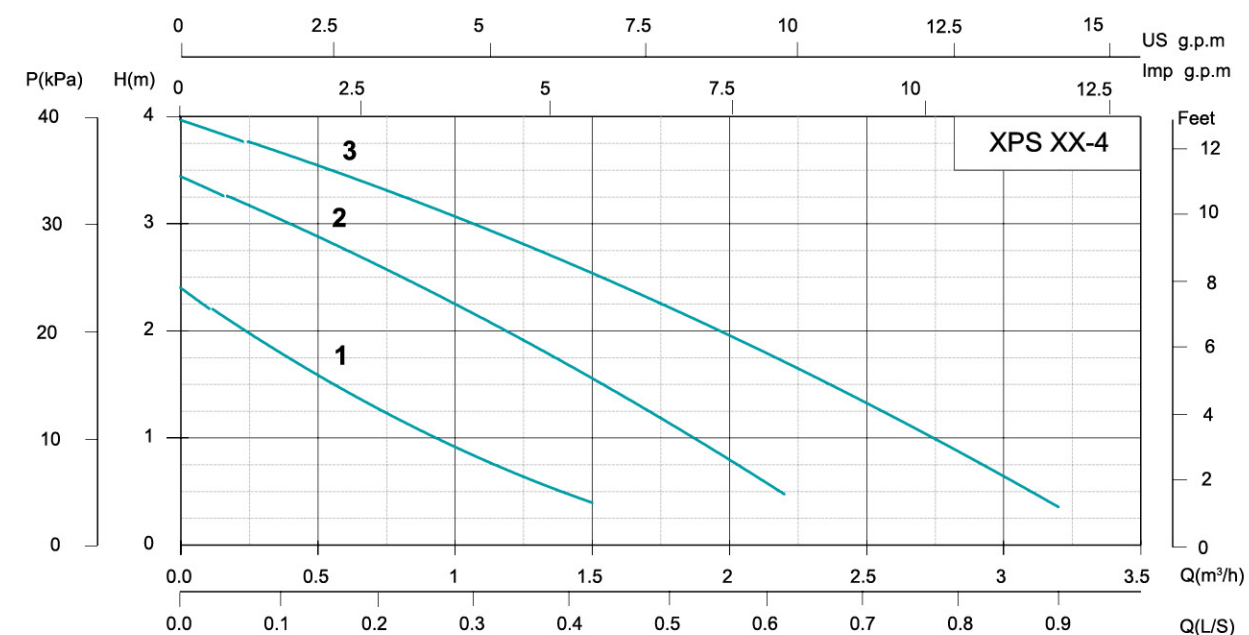
Model Instruction

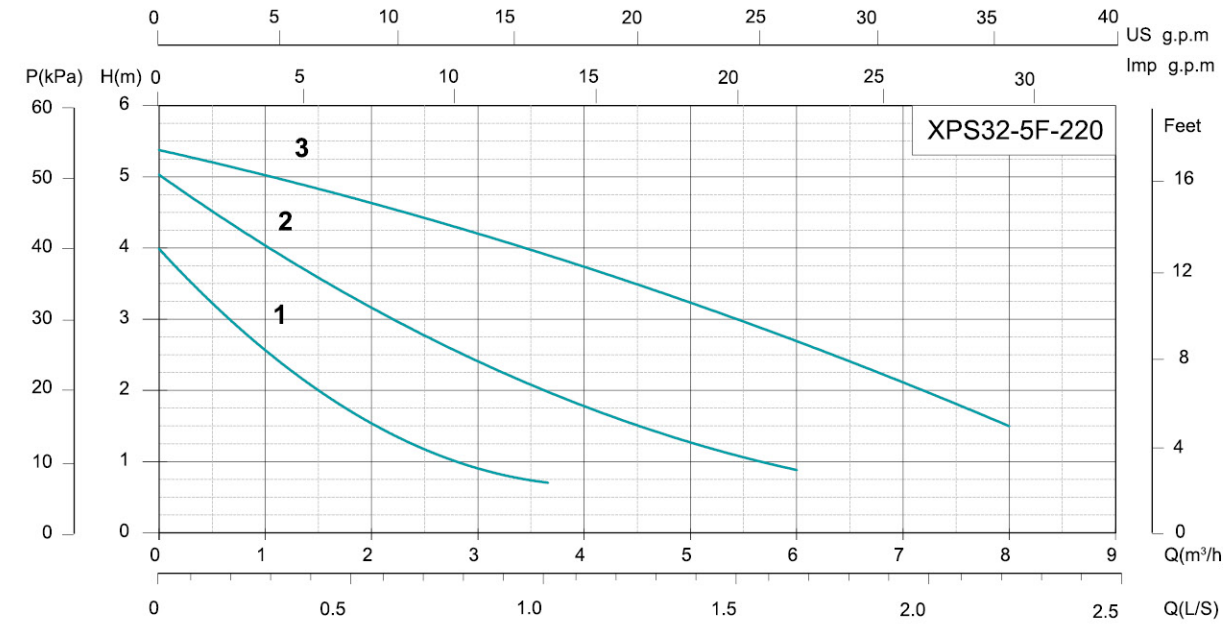
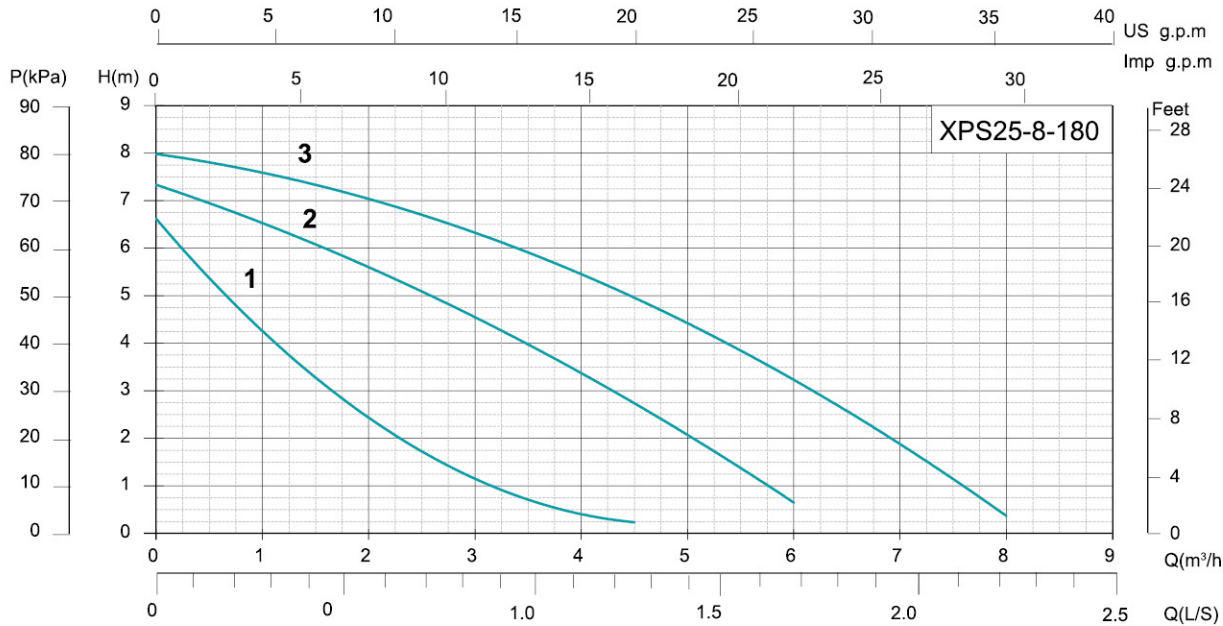
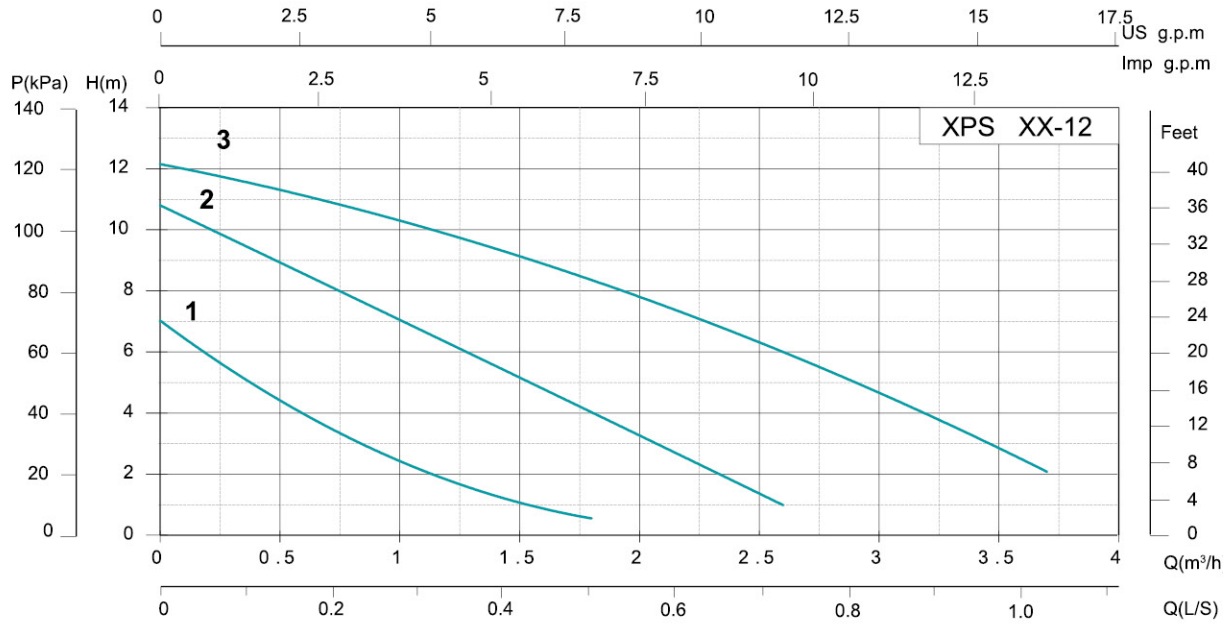
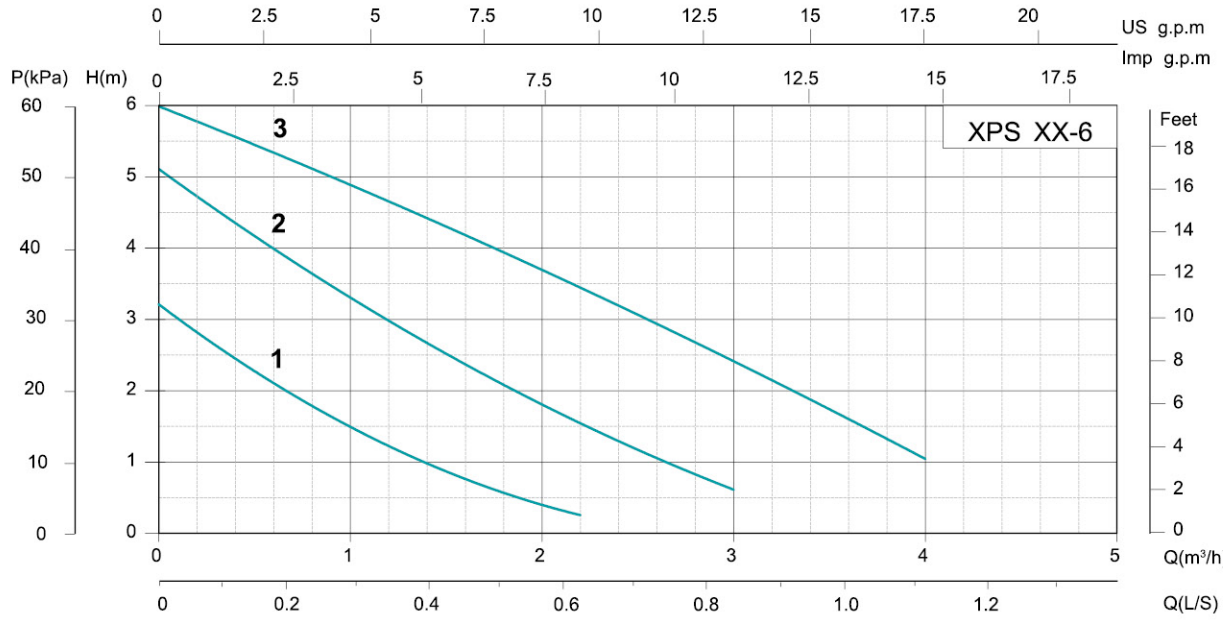


Performance Range

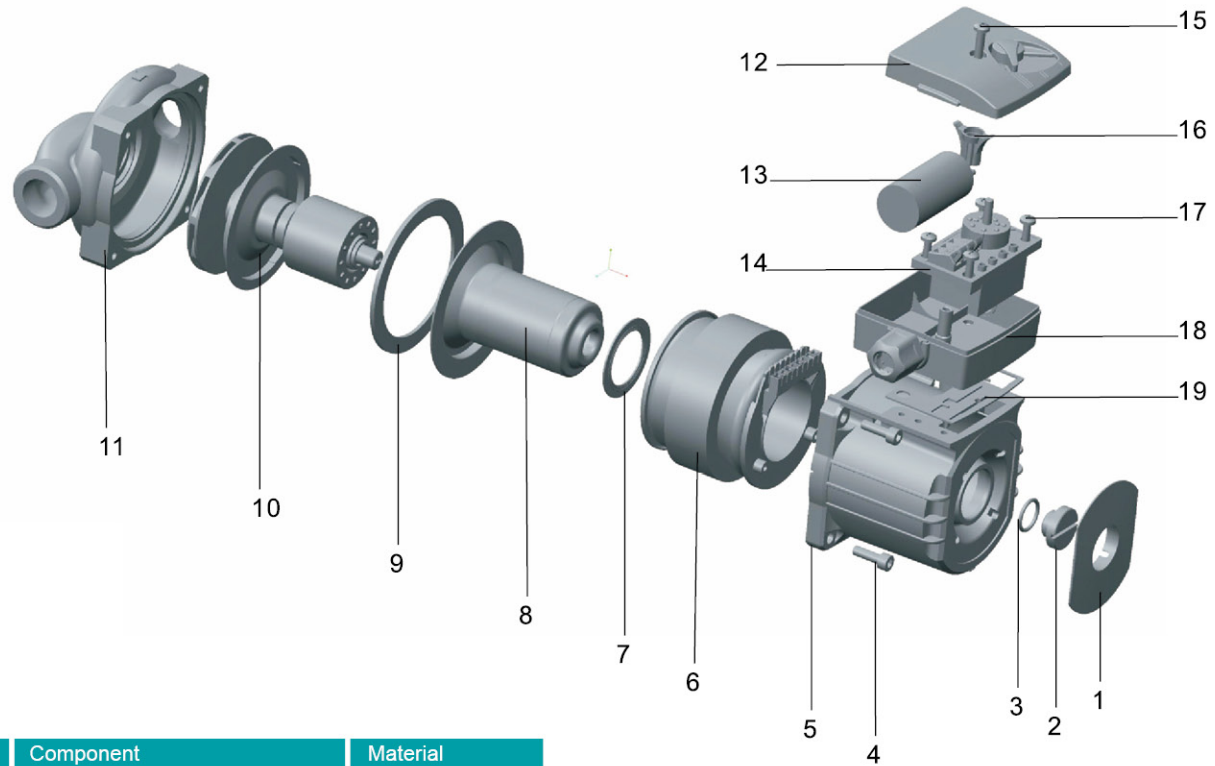
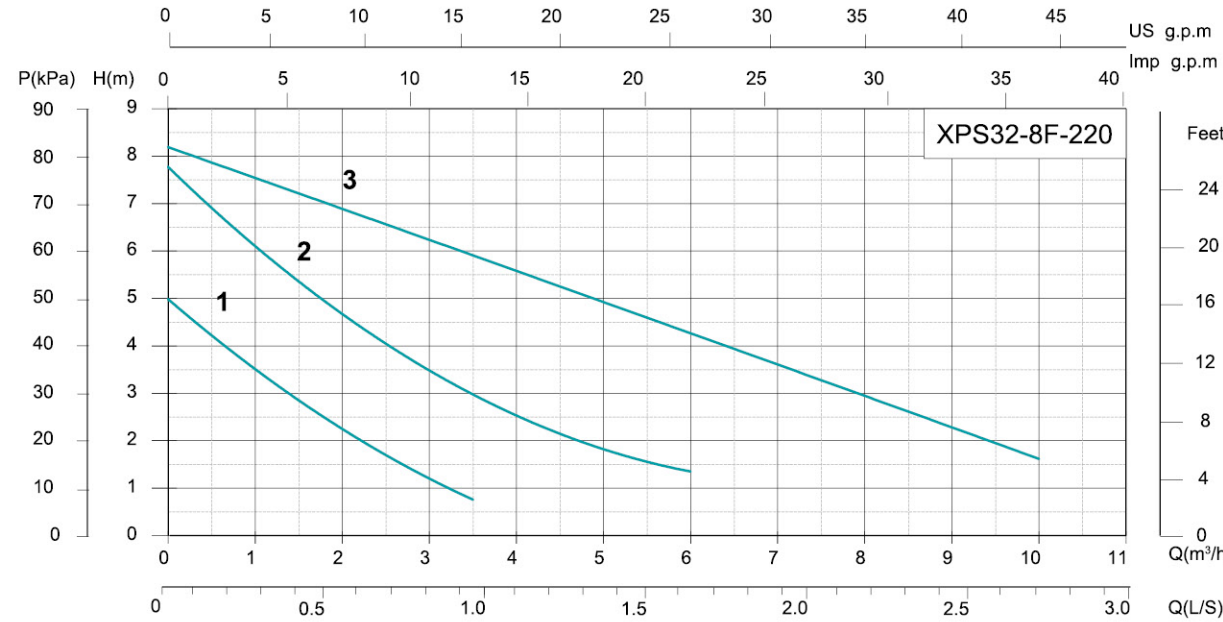
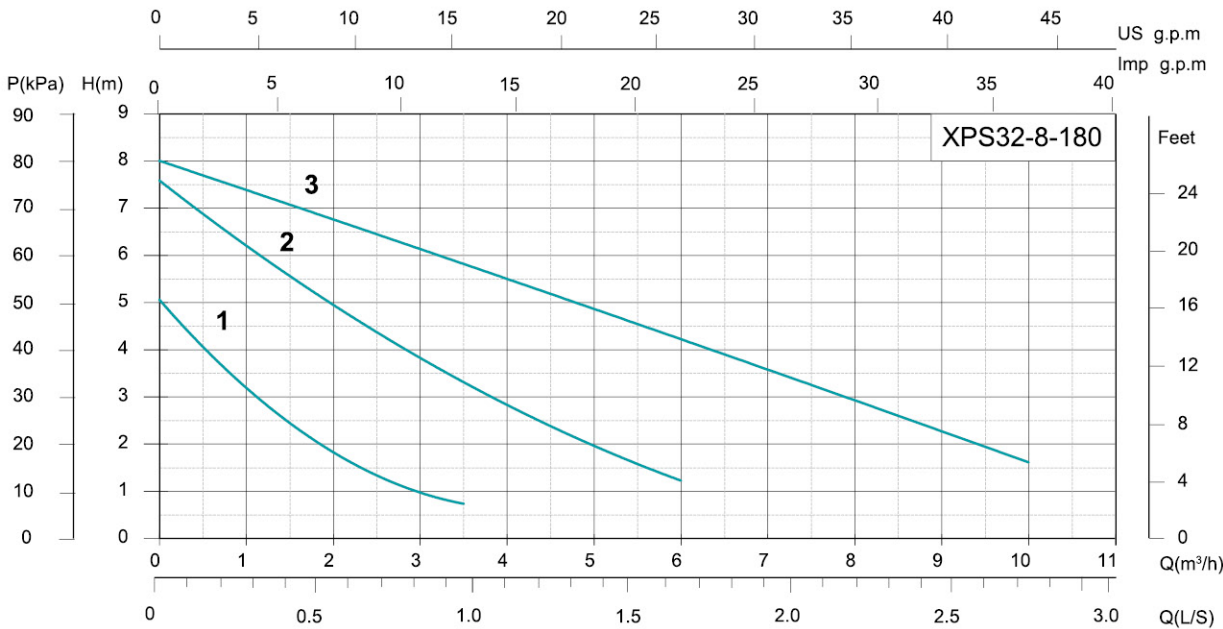
Max. Flow: 10m³/h
Max. Head: 12m

Performance Curve



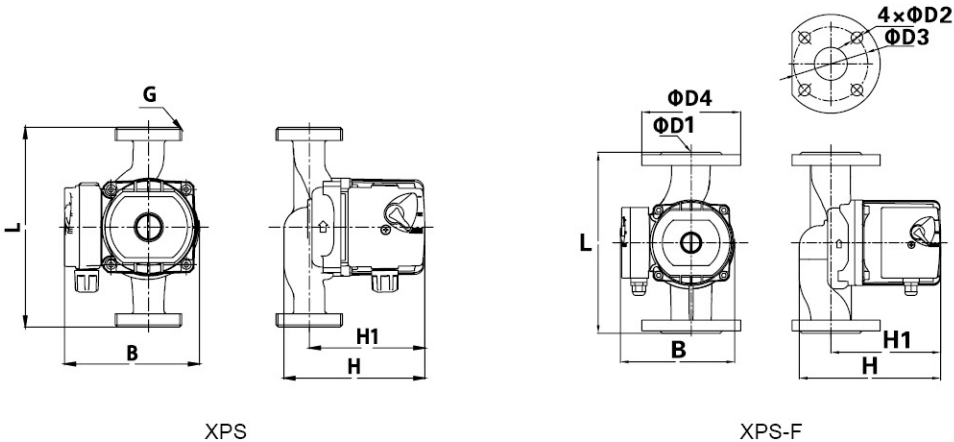


Components & Materials



Pos.	Component	Material
1	Nameplate	PA6
2	Air Cock	Brass
3	O-ring	EPDM
4	Hex Socket Screws	Steel
5	Stator Housing	Aluminium
6	Stator	/
7	Sealing Ring II	EPDM
8	Rotor Can	Stainless steel
9	Sealing Ring I	EPDM
10	Impeller	PESG30
	Shaft	Ceramic
	Thrust Bearing	Graphite
	Radial Bearing	Ceramic
11	Pump Body	Cast iron
12	Terminal Box Cover	ABS
13	Capacitor	/
14	Circuit Board	/
15	Self-tapping Screw	Stainless steel
16	Capacitor Bracket	ABS
17	Screws	Steel
18	Terminal Box Base	PA66G30
19	Terminal Box Sealing Gasket	EPDM

Dimensions & Technical Data



Model	Dim.(mm)									Unions or Flange	N.W (kg)
	H	H1	L	G	B	D1	D2	D3	D4		
XPS15-4-130	120	105	130	G¾"	125	-	-	-	-	G¾"to G½"	2.3
XPS15-5-130											
XPS15-6-130											
XPS15-9-140	125	102	140	G¾"	105	-	-	-	-	G¾"to G½"	2.6
XPS20-4-130	125	105	130	G1"	130	-	-	-	-	G1"to G¾"	2.5
XPS20-5-130											
XPS20-6-130											
XPS25-4-130	125	105	130	G1½"	130	-	-	-	-	G1½"to G1"	2.8
XPS25-5-130											
XPS25-6-130											
XPS25-4-180	125	105	180	G1½"	130	-	-	-	-	G1½"to G1"	3
XPS25-5-180											
XPS25-6-180											
XPS32-4-180	130	105	180	G2"	130	-	-	-	-	G2"to G 1¼"	3.4
XPS32-5-180											
XPS32-6-180											
XPS20-12-180	160	135	180	G1"	150	-	-	-	-	G1"to G¾"	4.6
XPS25-8-180	160	130	180	G1½"	150	-	-	-	-	G1½"to G1"	4.8
XPS25-12-180											
XPS32-8-180	170	130	180	G2"	150	-	-	-	-	G2"to G 1¼"	5.2
XPS32-5F-220	185	130	220	Flange	150	40	14	90	120	Flange to G2"	10
XPS32-8F-220											10.5

Model	Speed	Input Power P _i (W)	Current (A)			Capacitor		Pipe Distance (mm)	Max. head (m)	Whole lift (m)	Max. flow (m³/h)	Inter Box		Outer Box			20" Loading Qty (pcs)
			220V/50Hz	220V/60Hz	127V/60Hz	μF/450V	μF/250V					G.W. (kg)	Dim. (L×W×H)	PCS/ CTN		G.W. (kg)	
						220V/50Hz/60Hz	127V/60Hz										
XPS15-4-130	3 2 1	60 45 30	0.26 0.20 0.13	/	/	2	/	130	4	0~4	2	2.5	150x130x140	8	320×280×300	21	6664
XPS15-5-130	3 2 1	80 55 35	0.34 0.24 0.15	/	/	2.5	/		5	0~5	2						
XPS15-6-130	3 2 1	90 65 45	0.40 0.30 0.20	0.40 0.30 0.20	0.80 0.65 0.4	2.5	6		6	0~6	2						
XPS15-9-140	3 2 1	120 85 60	0.48 0.38 0.26	0.48 0.38 0.26	0.95 0.66 0.45	3	10	140	9	0~9	1.6	2.8	180x120x135	8	380×260×290	23	5880
XPS20-4-130	3 2 1	60 45 30	0.26 0.20 0.13	/	/	2	/	130	4	0~4	2.2	2.7	150x130x140	8	320×280×300	22	6664
XPS20-5-130	3 2 1	80 55 35	0.34 0.24 0.15	/	/	2.5	/		5	0~5	2.2						
XPS20-6-130	3 2 1	90 65 45	0.40 0.30 0.20	0.40 0.30 0.20	0.80 0.65 0.4	2.5	6		6	0~6	2.2						
XPS25-4-130	3 2 1	60 45 30	0.26 0.20 0.13	/	/	2	/	130	4	0~4	3	3.0	150x130x140	8	320×280×300	25	6664
XPS25-5-130	3 2 1	80 55 35	0.34 0.24 0.15	/	/	2.5	/		5	0~5	3						
XPS25-6-130	3 2 1	90 65 45	0.40 0.30 0.20	0.40 0.30 0.20	0.80 0.65 0.4	2.5	6		6	0~6	3						
XPS25-4-180	3 2 1	60 45 30	0.26 0.20 0.13	/	/	2	/	180	4	0~4	3	3.2	200x130x155	8	420×280×330	26	4800
XPS25-5-180	3 2 1	80 55 35	0.34 0.24 0.15	/	/	2.5	/		5	0~5	3						
XPS25-6-180	3 2 1	90 65 45	0.40 0.30 0.20	0.40 0.30 0.20	0.80 0.65 0.4	2.5	6		6	0~6	3						
XPS32-4-180	3 2 1	60 45 30	0.26 0.20 0.13	/	/	2	/	180	4	0~4	3.5	3.6	200x130x155	8	420×280×330	30	4800
XPS32-5-180	3 2 1	80 55 35	0.34 0.24 0.15	/	/	2.5	/		5	0~5	3.5						
XPS32-6-180	3 2 1	90 65 45	0.40 0.30 0.20	0.40 0.30 0.20	0.80 0.65 0.41	2.5	6		6	0~6	3.5						
XPS20-12-180	3 2 1	245 210 140	1.04 0.92 0.63	1.04 0.92 0.63	1.80 1.60 1.10	6	20	180	12	0~12	3	4.6	200x160x180	4	420×340×200	20	3200
XPS25-8-180	3 2 1	200 185 145	0.83 0.78 0.62	0.83 0.78 0.62	1.65 1.55 1.45	6	15		8	0~8	7	4.8				20	
XPS25-12-180	3 2 1	245 210 140	1.04 0.92 0.63	1.04 0.92 0.63	1.80 1.60 1.10	6	20		12	0~12	3.5	5.0				21	
XPS32-8-180	3 2 1	245 210 140	1.04 0.92 0.63	1.04 0.92 0.63	1.80 1.60 1.10	6	/		8	0~8	10	5.4				23	
XPS32-5F-220	3 2 1	145 135 95	0.65 0.60 0.45	/	/	4	/	220	5	0~5	8	/	/	/	305x165x210	10.5	2160
XPS32-8F-220	3 2 1	245 210 140	1.04 0.92 0.63	/	/	6	/		8	0~8	10					11	

*Types with "/" can be developed according to need.

