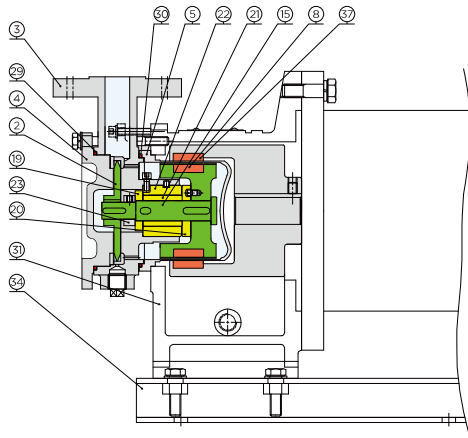
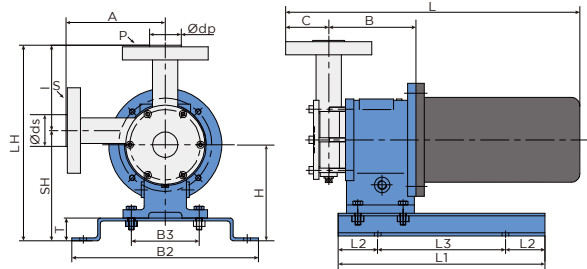


Construction and Material



No.	Parts Name	Material
2	Impeller	SUS316L
3	Front casing	SUS316L
4	Casing cover	SUS316L
5	Rear casing	SUS316L
6	Inner magnet	SUS316L+Rare earth
7	Shaft	SUS316L
8	Thrust ring(A)	SiC
9	Thrust ring(B)	SiC
10	Sleeve	SiC
11	Bearing	SiC
12	Set ring	SUS316L
13	O-ring(1)	PTFE
14	O-ring(2)	PTFE
15	Frame adapter	FC25
16	Baseplate	SS400
17	Outer magnet	SS400+Rare earth

Dimensions



Model	Motor		Bore		Pump size													
	Frame Size	Output (KW)	Suct. ds	Disch. S	A	B	C	H	I	SH	LH	L	L1	L2	L3	B2	B3	T
PW151	80M	0.75	15	15	120	152	47.5	170	120	195	315	*Note1.	290	40	210	330	120	40
PW201	80M	0.75	20	20	120	155	52.5	170	120	195	315		290	40	210	330	120	40
PW251	90	1.5	25	25	120	155	57.5	170	120	195	315		290	40	210	330	120	40
PW252	90	1.5/2.2	25	25	120	155	57.5	170	120	195	315		290	40	210	330	120	40
	100L	3	25	25	120	165	57.5	170	120	195	315		320	40	240	330	140	40
	100L/112M	(3)/4	25	25	120	165	57.5	190	120	220	340		320	40	240	330	140	40

*Note1. Dimension of (L) will differ depending on the brand and installation of the motor

Unit:mm

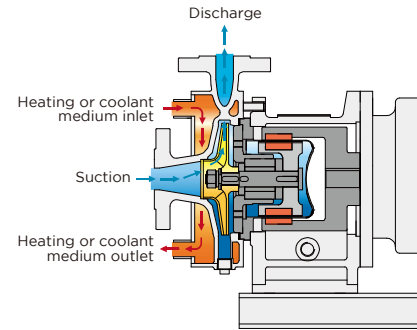
PSJ Series

Jacket type

PSJ series is in form of semi-jacketed type which is used to maintain process temperature and is high efficiency with cost effectiveness. The product is reliable and maintenance free feature to reduce the cost and expenditure.



Flow Channel

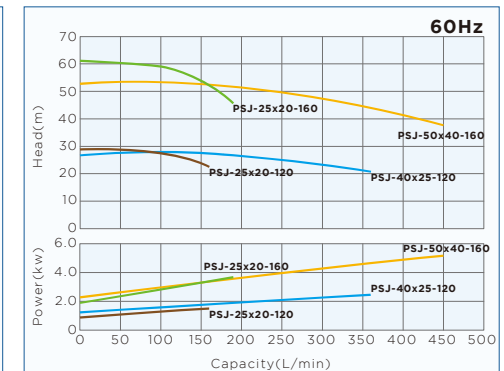
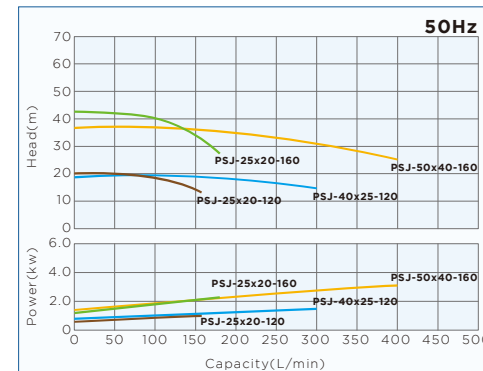


Specification

PSJ		
Frequency	50Hz	60Hz
Max. capacity	400L/m	450L/m
Max. total head	36.8m	53.1m
Suction & discharge	25x20 - 50x40	
Temperature range	-80°C - 280°C	
Specific gravity	<2	
Viscosity	<300mPa.s(cp)	
Design pressure	1.0MPaG	
Flange standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor output	0.75KW - 3.7W	
Pump material	SUS316L(Standard) / Alloy20(Optional) / Has-C equivalent(Optional)	

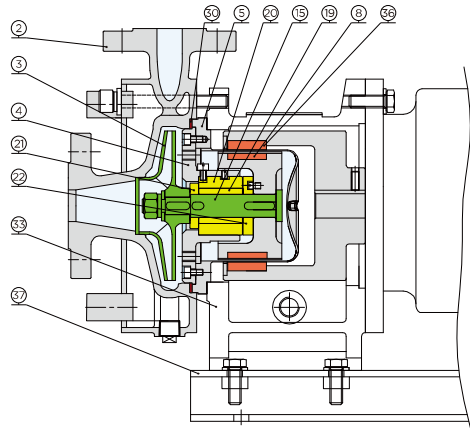
Performance Curve

PSJ-25x20-120, 25x20-160, 40x25-120, 50x40-160



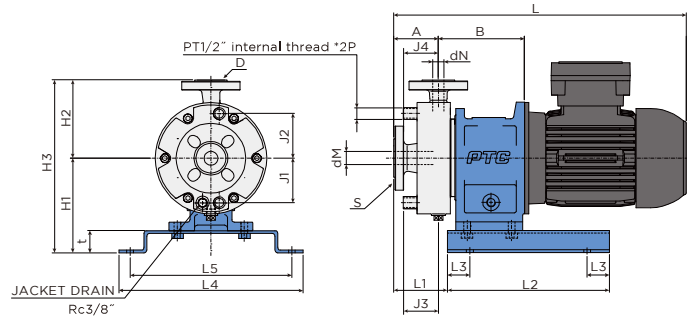
*The performance curve is for reference and preliminary selection only

Construction and Material



No.	Parts Name	Material
②	Front casing	SUS316L
③	Impeller	SUS316L
④	Casing cover	SUS316L
⑤	Rear casing	SUS316L
⑥	Inner magnet	SUS316L+Rare earth
⑬	Shaft	SUS316L
⑭	Sleeve	SiC
⑮	Bearing	SiC
⑯	Thrust ring(A)	SiC
⑰	Thrust ring(B)	SiC
⑱	Gasket	PTFE
⑲	Frame adapter	FC25
⑳	Outer magnet	SS400+Rare earth
㉑	Baseplate	SS400

Dimensions



Model	Motor		Bore		Pump size															
	Frame Size	Output (KW)	Suct. dM	Disch. dN	A	B	H1	H2	H3	L	L1	L2	L3	L4	L5	t	J1	J2	J3	J4
PSJ-25x20-120	80	0.75	25	20	80	154	170	140	310	*Note1.	81	290	40	330	140	40	80	80	63	63
PSJ-40x25-120	90S/90L	1.5/2.2	40	25	95	158	190	150	340		97	290	40	330	140	40	90	90	63	63
	100L/112M	3/4				168					83	290	40	330	140	40	100	100	63	63
PSJ-25x20-160	90S/90L	1.5/2.2	25	20	85	151	190	160	350		83	320	40	330	120	40	100	100	63	63
	100L/112M	3/4				161					84	290	40	330	140	40	105	105	63	63
PSJ-50x40-160	90L	2.2	50	40	85	152	190	170	360											
	100L/112M	3/4				162														

*Note1. Dimension of (L) will differ depending on the brand and installation of the motor

Unit:mm

PSO Series

Handling sludge and slurries

PSO series of sealless magnetic drive pump is open impeller type, which is designed for chemical fluid transfer with sludge or slurries. The open impeller has low NPSH feature, sealless design with leakage free, simple structure easy maintenance.



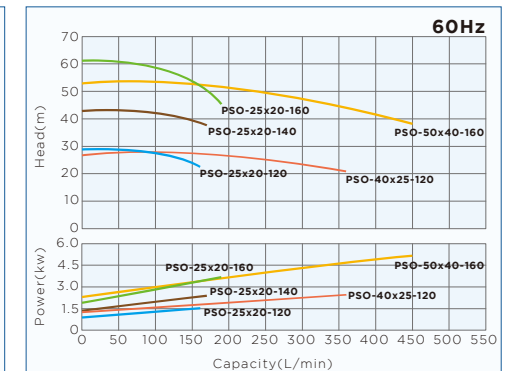
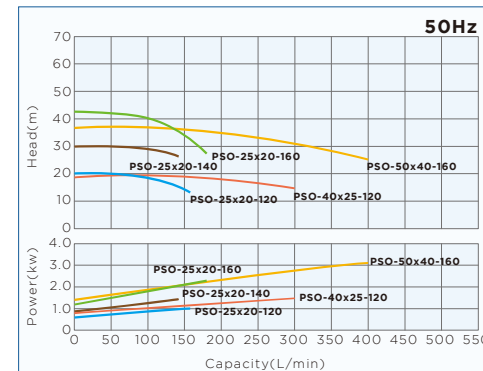
Open impeller

Specification

	PSO	
Frequency	50Hz	60Hz
Max. capacity	400L/m	450L/m
Max. total head	42.7m	61.3m
Suction & discharge	25x20 - 50x40	
Temperature range	-80°C - 280°C	
Specific gravity	<2	
Viscosity	<300mPa.s(cp)	
Design pressure	1.0MPaG	
Flange standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor output	0.75KW - 3.7W	
Pump material	SUS316L(Standard) / Alloy20(Optional) / Has-C equivalent(Optional)	

Performance Curve

PSO-25x20-120 / 25x20-140 / 25x20-160 / 40x25-120 / 50x40-160



*The performance curve is for reference and preliminary selection only