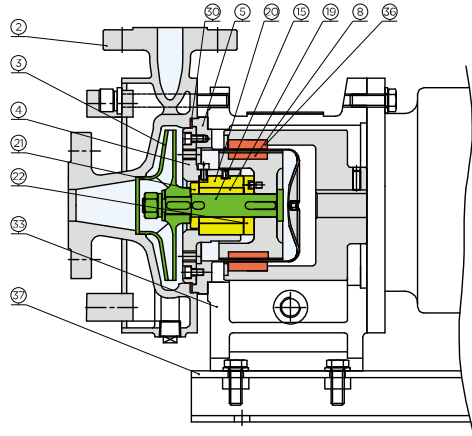
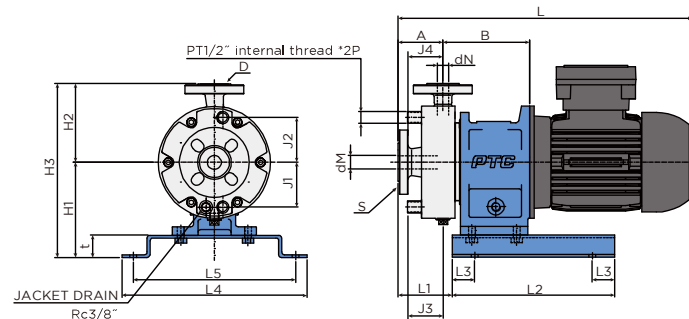


Construction and Material



No.	Parts Name	Material
②	Front casing	SUS316L
③	Impeller	SUS316L
④	Casing cover	SUS316L
⑤	Rear casing	SUS316L
⑧	Inner magnet	SUS316L+Rare earth
⑮	Shaft	SUS316L
⑲	Sleeve	SiC
⑳	Bearing	SiC
㉑	Thrust ring(A)	SiC
㉒	Thrust ring(B)	SiC
㉓	Gasket	PTFE
㉔	Frame adapter	FC25
㉕	Outer magnet	SS400+Rare earth
㉖	Baseplate	SS400

Dimensions



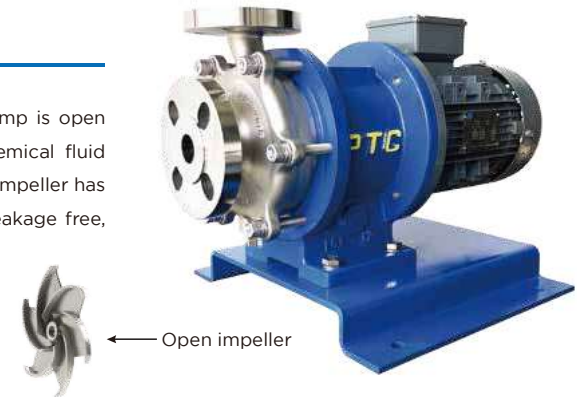
Model	Motor		Bore		Pump size															
	Frame Size	Output (KW)	Suct. dM	Disch. dN	A	B	H1	H2	H3	L	L1	L2	L3	L4	L5	t	J1	J2	J3	J4
PSJ-25x20-120	80	0.75	25	20	80	154	170	140	310	*Note1.	81	290	40	330	140	40	80	80	63	63
	90S/90L	1.5/2.2																		
PSJ-40x25-120	90S/90L	1.5/2.2	40	25	95	168	190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

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

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.

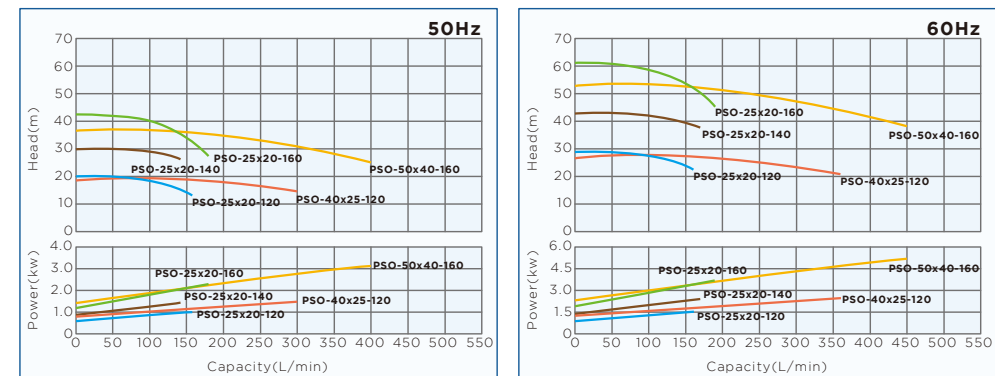


Specification

	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