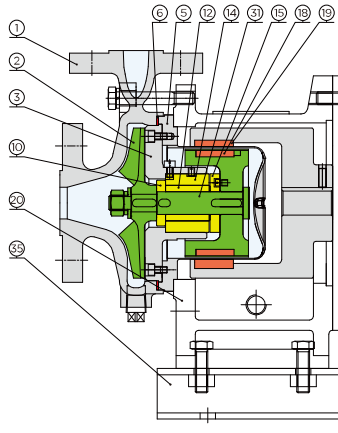
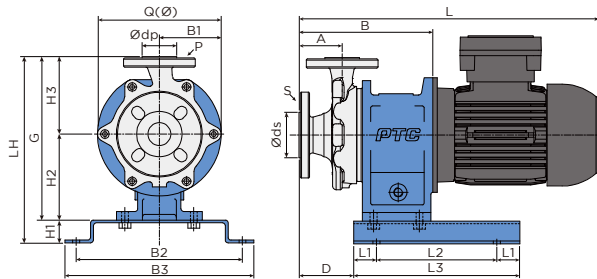


Construction and Material



No.	Parts Name	Material
①	Front casing	SUS316L
②	Impeller	SUS316L
③	Casing cover	SUS316L
⑤	Rear casing	SUS316L
⑥	Gasket	PTFE
⑩	Thrust ring(A)	SiC
⑫	Sleeve	SiC
⑭	Bearing	SiC
⑮	Thrust ring(B)	SiC
⑯	Inner magnet	SUS316L+Rare earth
⑰	Outer magnet	SS400+Rare earth
㉓	Frame adapter	FC25
㉔	Shaft	SUS316L
㉕	Baseplate	SS400

Dimensions



Unit:mm

Model	Motor		Bore				Pump size																	
	Frame Size	Output (KW)	Suct.		Disch.		LH	G	H1	H2	H3	B1	B2	B3	Q (Ø)	A	B	L	D	L1	L2	L3		
			ds	S	dp	P																		
PSO-25x20-120	80L	0.75	25	ANSI Class 150 / JIS 10K / DIN PN16	20	ANSI Class 150 / JIS 10K / DIN PN16	290	250	40	130	120	100	290	330	200	60	214.5	*Note1	76.5	40	210	290		
	90L	1.5/2.2																					320	280
90L	1.5/2.2	25	20		330		290	40	150	140	127.5	290	330	255	65	216.5 226.5	78.5		40	210 240	290 320			
112L	3.7																					90L	1.5/2.2	40
90L	1.5/2.2	50	40		345		305	40	150	155	127.5	290	330	255	75	227 237	79		40	210 240	290 320			
112L	3.7																					PSO-40x25-120	90L	1.5/2.2
112L	3.7	PSO-50x40-160	90L		1.5/2.2		50	40	345	305	40	150	155	127.5	290	330	255		75	227 237	79			
112L	3.7																							

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

PL2 Series

Multi-stage

PL2 series is multi-stage type, which can be applied to high head and large flow conditions. The material provide SUS316L for better corrosion resistance. The sealless design effectively avoids leakage and SiC components improve the durability and extend the service life.

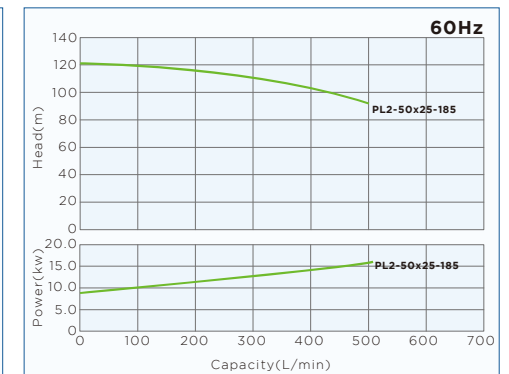
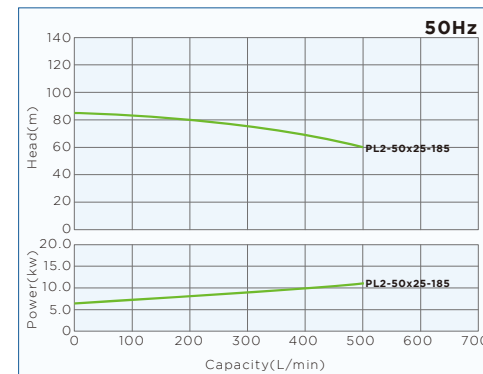


Specification

	PL2	
Frequency	50Hz	60Hz
Max. capacity	500L/m	500L/m
Max. total head	85m	121m
Suction & discharge	50x25	
Temperature range	-80°C - 280°C	
Specific gravity	<2	
Viscosity	<300mPa.s(cp)	
Design pressure	1.6mPaG	
Flange standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor output	11KW - 18.5KW	
Pump material	SUS316L(Standard) / Alloy20(Optional) / Has-C equivalent(Optional)	

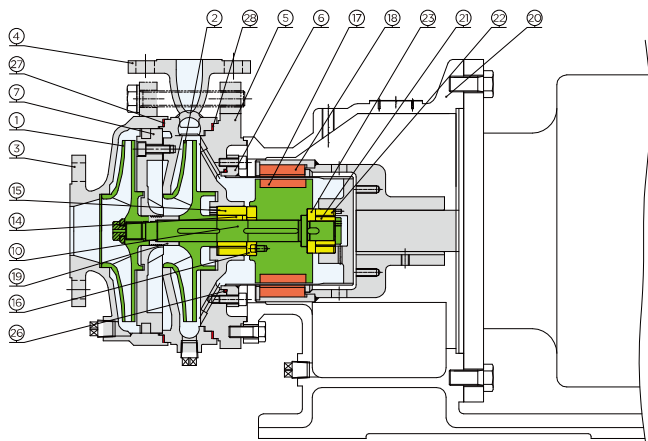
Performance Curve

PL2-50x25-185



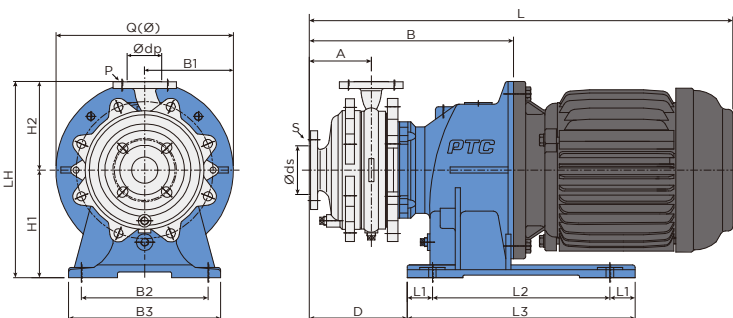
*The performance curve is for reference and preliminary selection only

Construction and Material



No.	Parts Name	Material	No.	Parts Name	Material	No.	Parts Name	Material
①	1st Impeller	SUS316L	⑩	Shaft	SUS316	⑳	Frame adapter	FC25
②	2nd Impeller	SUS316L	⑪	Sleeve	SiC	㉑	Sleeve	SiC
③	Suction casing	SUS316L	⑫	Bearing	SiC	㉒	Bearing	SiC
④	Discharge casing	SUS316L	⑬	Thrust ring	SiC	㉓	Thrust ring	SiC
⑤	Casing cover	SUS316L	⑭	Inner magnet	SUS316+Rare earth	㉔	O-ring	PTFE
⑥	Rear casing	SUS316L	⑮	Outer magnet	SS400+Rare earth	㉕	Gasket	PTFE
⑦	Diffuser	SUS316L	⑯	Distance Piece	SUS316L	㉖	Gasket	PTFE

Dimensions

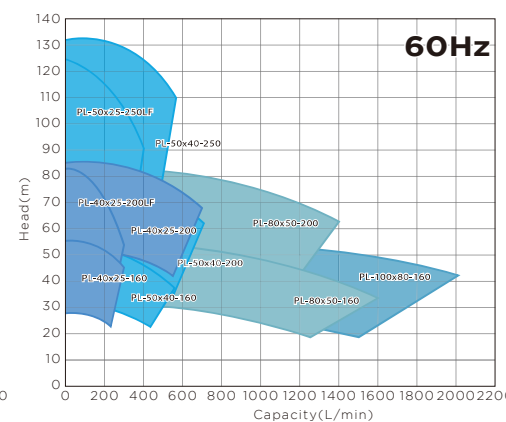
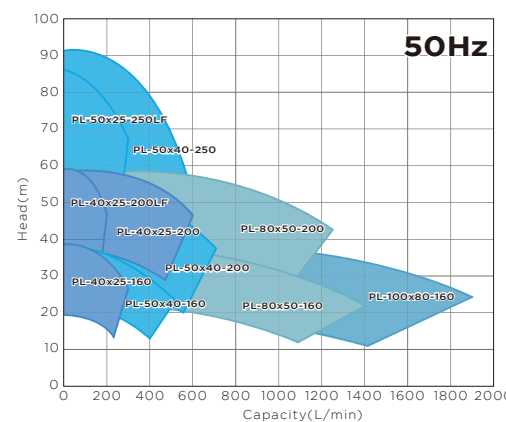
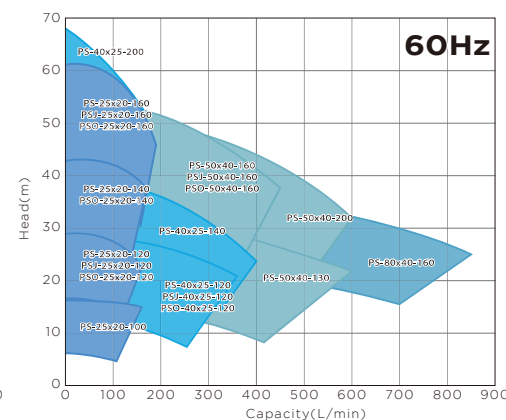
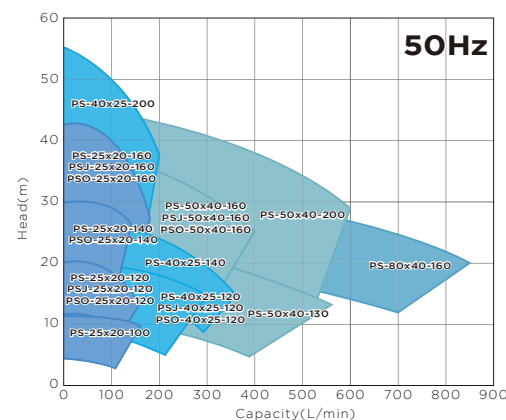
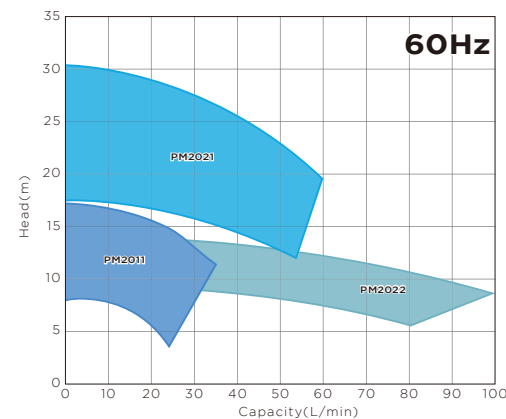
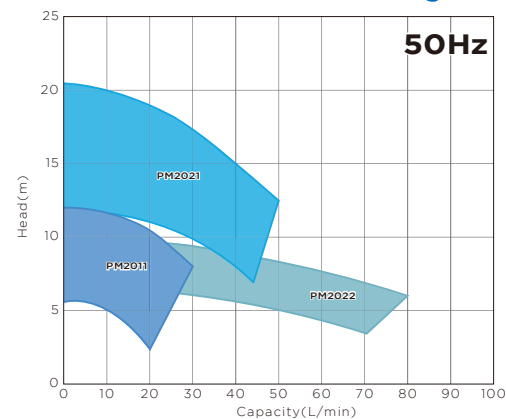


Unit:mm																				
Model	Motor		Bore			Pump size														
	Frame Size	Output (KW)	Suct.		Disch.	LH	H1	H2	B1	B2	B3	Q Ø	A	B	L	D	L1	L2	L3	
			ds	S	dp															p
PL2-50x25-185	160L	11/15/18.5	50	*Note1	25	*Note2	387	212	175	175	250	300	350	122	402.5	*Note3	192.5	50	350	450

*Note1.&Note2. flange connection for ANSI Class 150 / JIS 10K / DIN PN16

*Note3. Dimension of (L) will differ depending on the brand and installation of the motor

Performance Family Curve



*The performance family curve is for reference and preliminary selection only