

PD • PD-F TYPE SELF-PRIMING CHEMICAL PUMPS

Tough Construction against High Corrosive and High Temperature Chemical Liquids by adopting self-cooling design "TEFLON BELLOW SEAL" .

PD Type (FRPP)



PD-F Type (PVDF)



Material:

Showfou provides FRPP and PVDF pump body to meet customer's requirement.

FRPP : Fiber Reinforced Polypropylene.

Maximum Permissible Temperature

FRPP	70°C
PVDF	95°C

FEATURES

Special main shaft

The sus304 main shaft are covered with Teflon to resist high corrosive chemical liquids.



Teflon

Self-priming ability

Excellent self-priming ability can suck the liquid up to 6 meter, and the flap valve design can prevent liquid back flow to maintain the flow rate



flap valve

Teflon Bellow Seal

Adopting "Teflon Bellow Seal" and Superior anti-corrosive construction to correspond most of chemical liquids such as strong acid and alkali, and the "pump lower cover" adopting with self-cooling design to prevent the "Teflon below seal" from damage.



Teflon Bellow Seal



SPECIFICATIONS

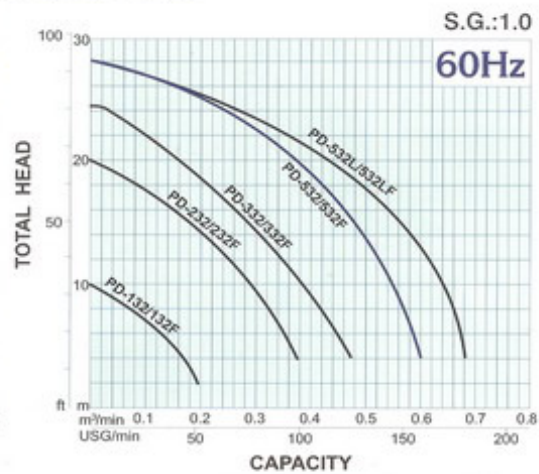
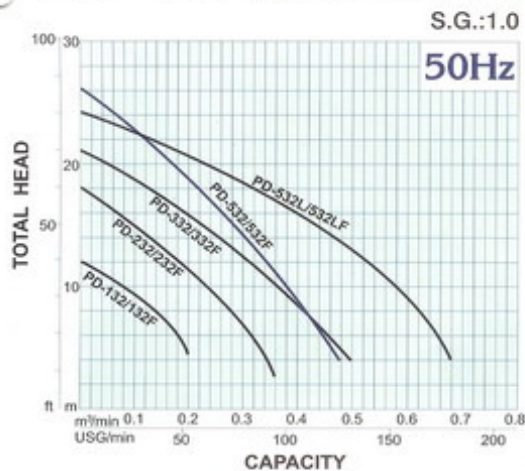
PERFORMANCE CURVE



● PD • PD-F Type SPECIFICATIONS

Hz	Type		S.G	Motor			Pump				Weight	Height	Pump Dia
	FRPP	PVDF		Power	Phase	Volt	Bore size		Max. Head	Max. Flow			
	PD	PD-F		KW(HP)	PH	V	Inlet inch(mm)	Outlet inch(mm)	m	m³/min	kg	mm	mm
50	PD-132	PD-132F	1.0	0.75(1)	3	220~480	1 1/2*(40)	1 1/2*(40)	12	0.20	26	374	625
	PD-232	PD-232F	1.0	1.5(2)	3	220~480	1 1/2*(40)	1 1/2*(40)	18	0.36	34	374	704
	PD-332	PD-332F	1.0	2.2(3)	3	220~480	2*(50)	2*(50)	21	0.50	42	374	704
	PD-532	PD-532F	1.0	3.7(5)	3	220~480	2*(50)	2*(50)	26	0.48	56	420	780
	PD-532L	PD-532LF	1.0	3.7(5)	3	220~480	3*(80)	3*(80)	24	0.68	68	425	830
60	PD-132	PD-132F	1.0	0.75(1)	3	220~480	1 1/2*(40)	1 1/2*(40)	10	0.19	26	374	625
	PD-232	PD-232F	1.0	1.5(2)	3	220~480	1 1/2*(40)	1 1/2*(40)	20	0.38	34	374	704
	PD-332	PD-332F	1.0	2.2(3)	3	220~480	2*(50)	2*(50)	24	0.48	42	374	704
	PD-532	PD-532F	1.0	3.7(5)	3	220~480	2*(50)	2*(50)	28	0.60	56	420	780
	PD-532L	PD-532LF	1.0	3.7(5)	3	220~480	3*(80)	3*(80)	28	0.68	68	425	830

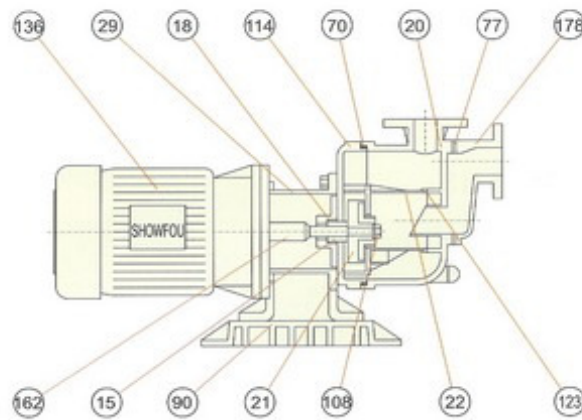
● PD • PD-F Type PERFORMANCE CURVE



STRUCTURE DIMENSIONS

● STRUCTURE

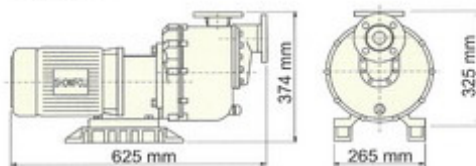
PD • PD-F Type



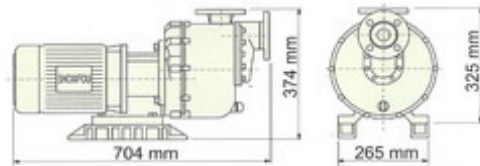
No.	Name	Material		QTY
		PD	PD-F	
15	Mechanical seal	(TEFLON) Ceramic+Carbon	(TEFLON) SiC+SiC	1
18	Seal cover	FRPP	PVDF	1
20	Pump casing	FRPP	PVDF	1
21	Impeller	FRPP	PVDF	1
22	Suction cover	FRPP	PVDF	1
29	Pump bracket	FRPP(1HP,2HP,3HP) Cast iron(5HP)		1
70	O-Ring	EPDM	VITON	1
77	Packing	EPDM	VITON	1
90	Frame	FRPP		2
108	Nut	FRPP	PVDF	1
114	Pump lower cover	FRPP	PVDF	1
123	Flap valve	EPDM	VITON	1
136	Motor	Cast iron		1
162	Shaft	SUS304 + TEFLON		1
178	Self-priming cover	FRPP	PVDF	1

● DIMENSIONS

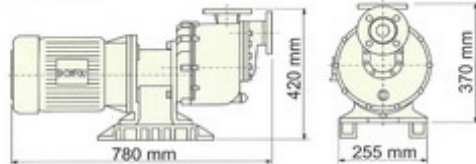
PD-132
PD-132F



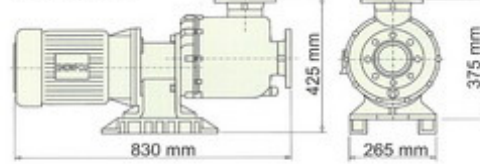
PD-232/332
PD-232F/332F



PD-532
PD-532F



PD-532L
PD-532LF



PD-532



PD-532L