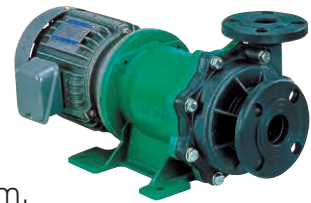


PW-F Series (ETFE)

Magnetic Drive Pumps For Hazardous Chemical Transfer



- ETFE (carbon-fiber reinforced) wetted-end material.
- 16 models with flow rates up to 1400 lit/min and discharge head of 42m.
- Able to handle almost all types of chemical and temperature up to 90°C.
- Adaptable to IEC Standard motor, 0.37 to 11 kW.
- Available in flange connections.

Type indication

NH - 400PW - F - FV - L - 04C

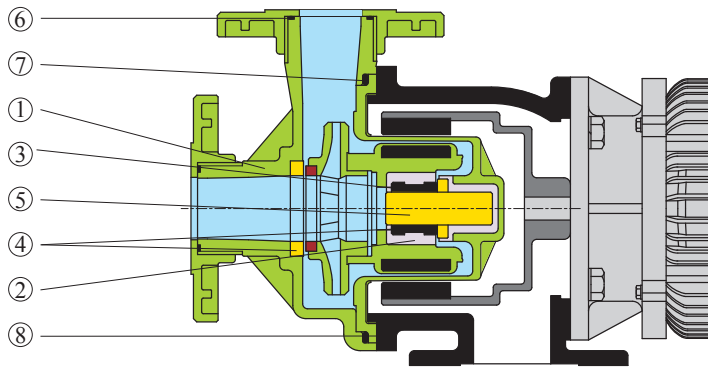
	(7)	(6)	(5)(4)	(3)	(2)	(1)	
Model	_____		_____	_____	_____	_____	Required motor : Without Indoor use
Series	_____		_____	_____	_____	_____	With B Explosion proof
F : High density carbon bearing -Ceramic spindle	_____		_____	_____	_____	_____	C Weather proof
R : Rulon bearing-Ceramic spindle	_____		_____	_____	_____	_____	Motor output : 04 0.37 kW
A : Ceramic bearing-Ceramic spindle	_____		_____	_____	_____	_____	07 0.75 kW
Si : Sic bearing-Sic spindle	_____		_____	_____	_____	_____	15 1.5 kW
O ring	_____		_____	_____	_____	_____	22 2.2 kW
V : FKM	_____		_____	_____	_____	_____	37 3.7 kW
N : NBR	_____		_____	_____	_____	_____	55 5.5 kW
E : EPDM	_____		_____	_____	_____	_____	75 7.5 kW
	_____		_____	_____	_____	_____	110 11 kW
	_____		_____	_____	_____	_____	Impeller size : L S.G=1.2
	_____		_____	_____	_____	_____	M S.G=1.5
	_____		_____	_____	_____	_____	H S.G=1.9

Specification table

Type	Flange size		Pump performance at specified point (M at L/min)			Applicable Motor output (kW)	Net weight w/t motor (Kg)
	Outlet(mm)	Inlet(mm)	Specific Gravity	50Hz	60Hz		
NH-350PW-F	25	25	1.2	10.0 - 80	11.0 - 80	0.37	16
			1.5	11.0 - 40	11.0 - 50		
			1.9	6.0 - 50	7.0 - 60		
NH-351PW-F	25	25	1.2	15.0 - 100	17.0 - 80	0.75	30
			1.5	12.4 - 80	14.5 - 70		
			1.9	12.0 - 80	14.5 - 20		
NH-352PW-F	32	32	1.2	23.0 - 100	27.0 - 100	1.5	44
			1.5	21.0 - 100	25.0 - 100		
			1.9	18.0 - 100	21.0 - 100		
NH-353PW-F	32	32	1.2	24.0 - 150	32.0 - 120	2.2	51
			1.5	22.0 - 150	29.0 - 120		
			1.9	19.0 - 150	25.0 - 120		
NH-400PW-F	40	40	1.2	7.4 - 135	8.0 - 110	0.37	21
			1.5	6.5 - 135	5.2 - 135		
			1.9	4.7 - 120	3.9 - 120		
NH-401PW-F	40	40	1.2	10.0 - 180	9.5 - 180	0.75	30
			1.5	8.5 - 160	8.8 - 160		
			1.9	6.0 - 175	5.2 - 175		
NH-402PW-F	40	50	1.2	16.0 - 260	15.5 - 260	1.5	45
			1.5	13.0 - 240	13.5 - 240		
			1.9	10.0 - 280	7.9 - 280		
NH-403PW-F	40	50	1.2	17.0 - 330	15.0 - 330	2.2	47
			1.5	15.0 - 310	16.3 - 310		
			1.9	14.0 - 280	13.0 - 280		
NH-405PW-F	40	50	1.2	24.5 - 390	20.5 - 390	3.7	70
			1.5	20.5 - 310	20.3 - 350		
			1.9	15.2 - 220	19.3 - 290		
NH-505PW-F(L)	50	65	1.2	21.0 - 500	20.0 - 500	3.7	72
			1.5	16.0 - 500	16.0 - 500		
			1.9	13.0 - 500	11.0 - 500		
NH-505PW-F(H)	50	65	1.2	24.3 - 350	25.0 - 350	3.7	72
			1.5	20.0 - 350	19.7 - 350		
			1.9	20.0 - 350	17.0 - 350		
NH-507PW-F	50	65	1.2	21.5 - 600	22.5 - 600	5.5	99
			1.5	19.0 - 600	19.5 - 600		
			1.9	16.0 - 600	15.0 - 600		
NH-655PW-F	65	80	1.2	12.2 - 600	19.8 - 400	3.7	110
			1.5	11.0 - 540	- - -		
			1.9	- - -	- - -		
NH-657PW-F	65	80	1.2	17.0 - 700	18.0 - 620	5.5	120
			1.5	15.3 - 625	13.5 - 750		
			1.9	11.3 - 660	- - -		
NH-6510PW-F	65	80	1.2	22.2 - 760	20.7 - 830	7.5	130
			1.5	18.9 - 720	18.0 - 680		
			1.9	15.5 - 660	15.0 - 720		
NH-6515PW-F	65	80	1.2	26.8 - 1080	24.0 - 1110	11	140
			1.5	26.0 - 815	26.0 - 800		
			1.9	24.1 - 600	20.5 - 835		

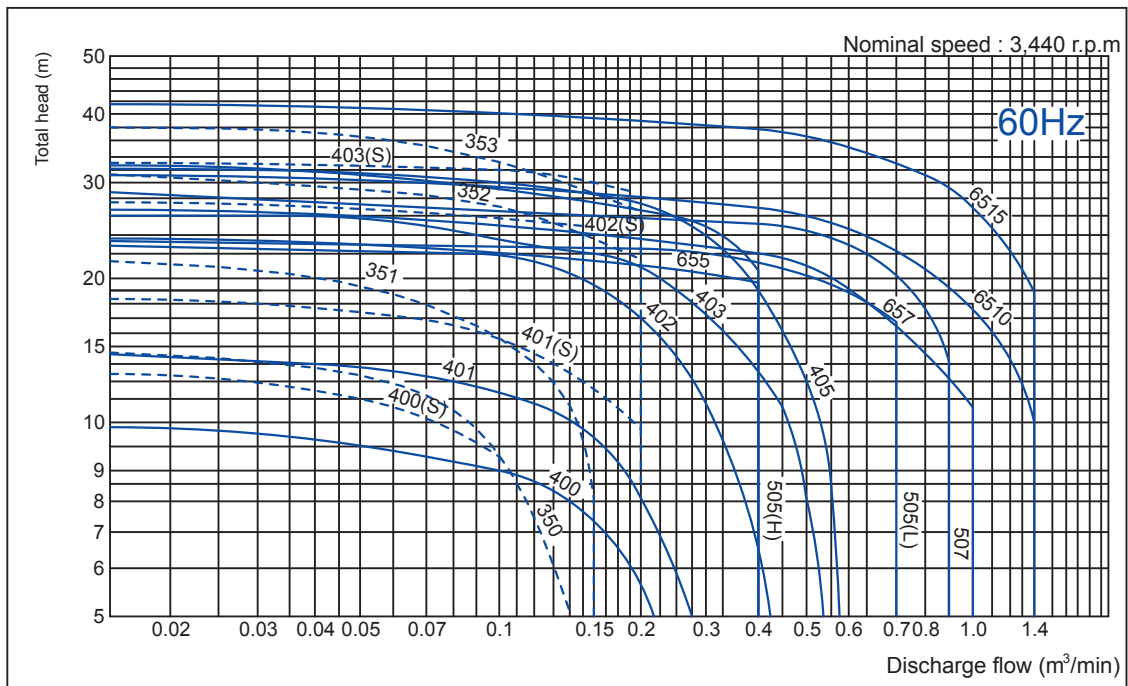
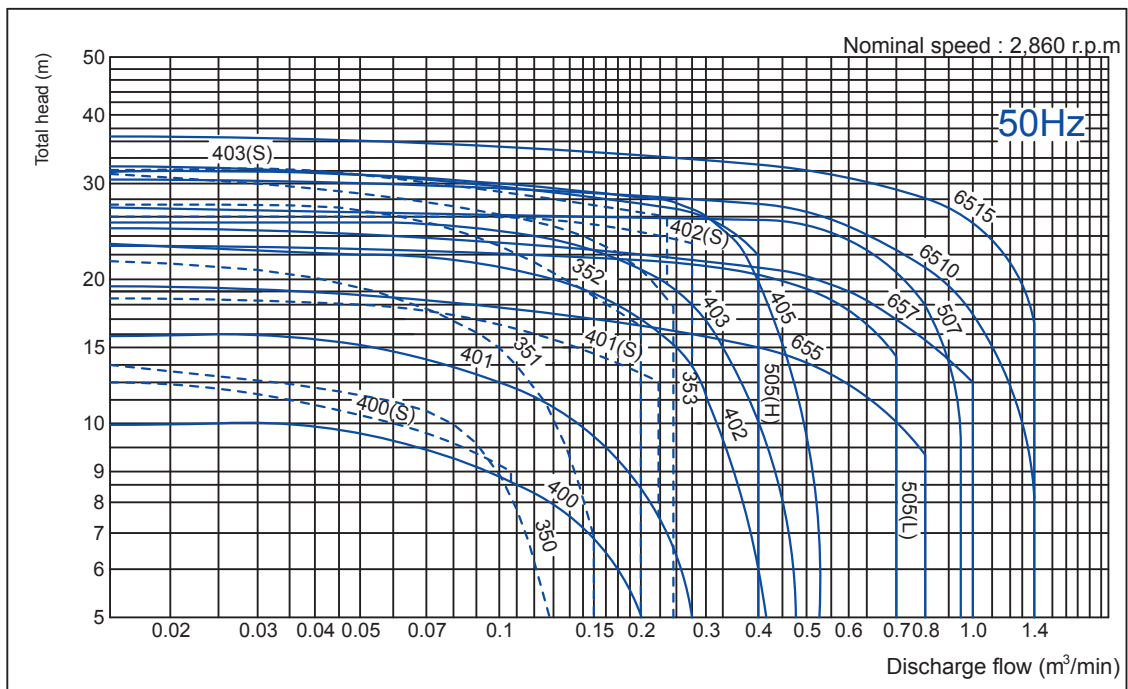
PW-F Series

Parts List



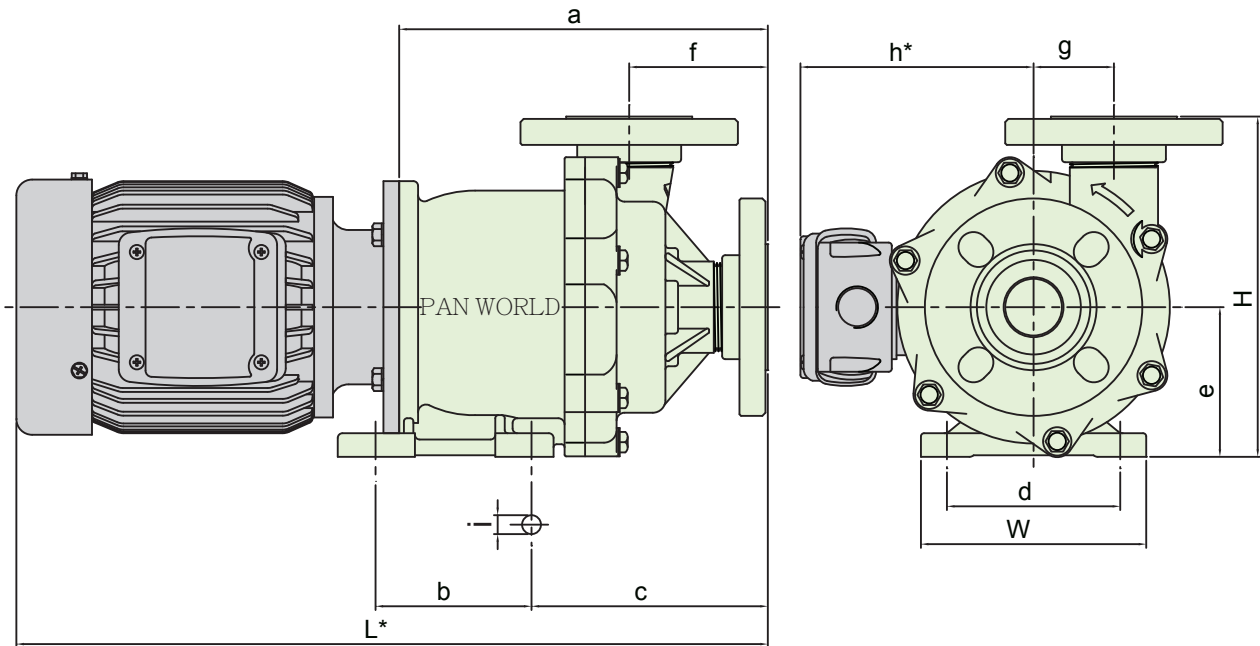
Part name	PW-F Series				
	FV	RV	AV	FN	Si
1. Casing	ETFE				
2. Holder	ETFE				
3. Bearing	H.D. Carbon	Rulon	Ceramic	H.D. Carbon	Sic
4. Thrust pad	Ceramic				Sic
5. Spindle	Ceramic				Sic
6. O ring	FKM		NBR		FKM
7. O ring	FKM		NBR		FKM
8. Bracket	Grey cast iron				

PW-F series performance curve



PW/PW-F Series

Installation dimension



Dimensions in mm

MODEL	W	H	L*	a	b	c	d	e	f	g	h	i
350 PW / PW-F	157	257	472	232.5	130	161	130	115	88	77.5	138.5	12
351 PW / PW-F	160	257	470	240	130	170	130	115	88	77.5	145	12
352 PW / PW-F	160	242	505.5	222.5	132	155	130	120	78	57	149	12
353 PW / PW-F	160	242	505.5	222.5	132	155	130	120	78	57	149	12
400 PW / PW-F	140	216	473	233	98	150	110	95	87	51	151	12
401 PW / PW-F	160	254	488	256	130	184	130	115	102.5	57.5	160	12
402 PW / PW-F	260	255	620	305	200	158	208	115	89	65	176	14
403 PW / PW-F	260	255	620	305	200	158	208	115	89	65	176	14
405 PW / PW-F	260	270	689	326	200	158	208	130	89	65	208	14
505 PW / PW-F	260	319	650.5	287.5	300	123.2	220	162	89.5	60	208	14
507 PW / PW-F	260	319	676.5	311.5	300	123.2	220	162	89.5	60	252	14
655 PW / PW-F	260	360	723	360	270	240	210	175	118	85	208	14
657 PW / PW-F	260	360	745	380	270	240	210	175	118	85	252	14
6510 PW / PW-F	260	360	745	380	270	240	210	175	118	85	252	14
6515 PW / PW-F	350	385	918.5	408.5	270	240	300	200	118	85	285	14

Remarks :

1. This size in the table is shown with JIS motor.
2. Over all size & construction may be changed without notice.
3. * Depending on type of motor used.