

PW-C Series (ETFE-Lined Metal Profile)

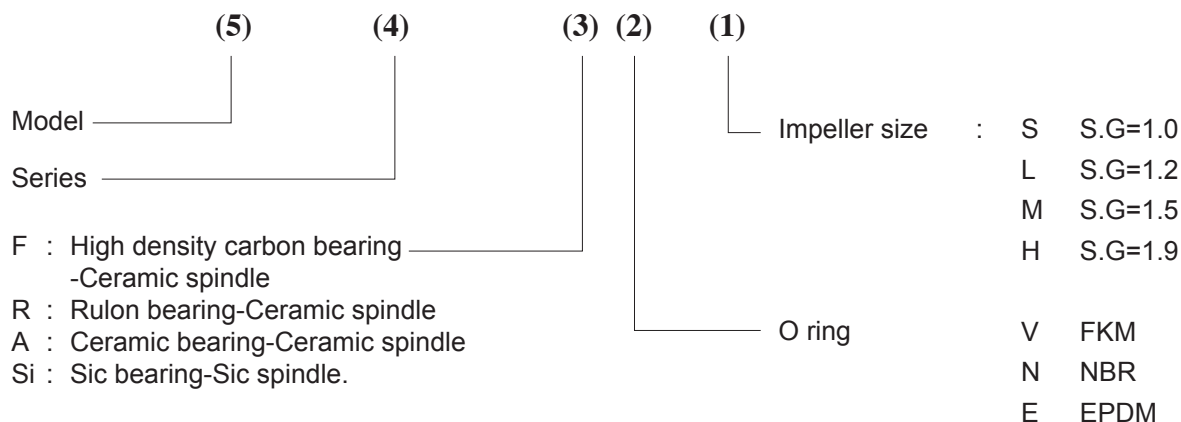
Heavy duty magnetic drive pumps for the chemical industry



- ETFE-lined pumps in cast iron exterior and Hastelloy C rear casing cover as reinforcement.
- Robust construction.
- 11 models with flow rates up to 396 GPM and discharge head of 138 ft.
- Can handle practically most chemicals and temperature up to 90 °C.

Model identification

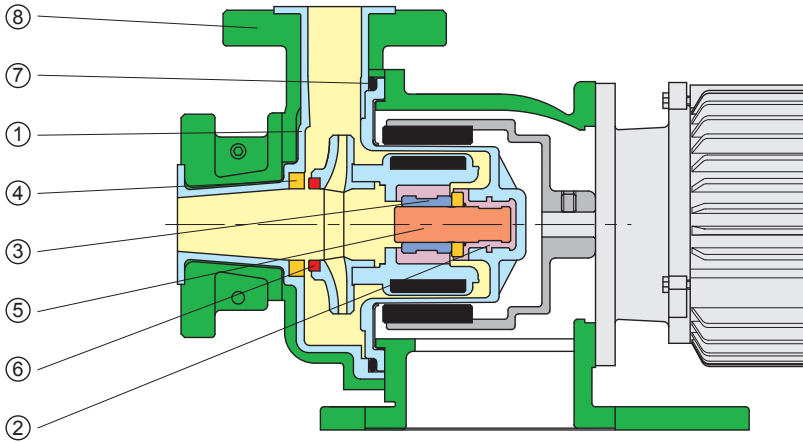
N H - 4 0 0 P W - C - F V - L



Specification table

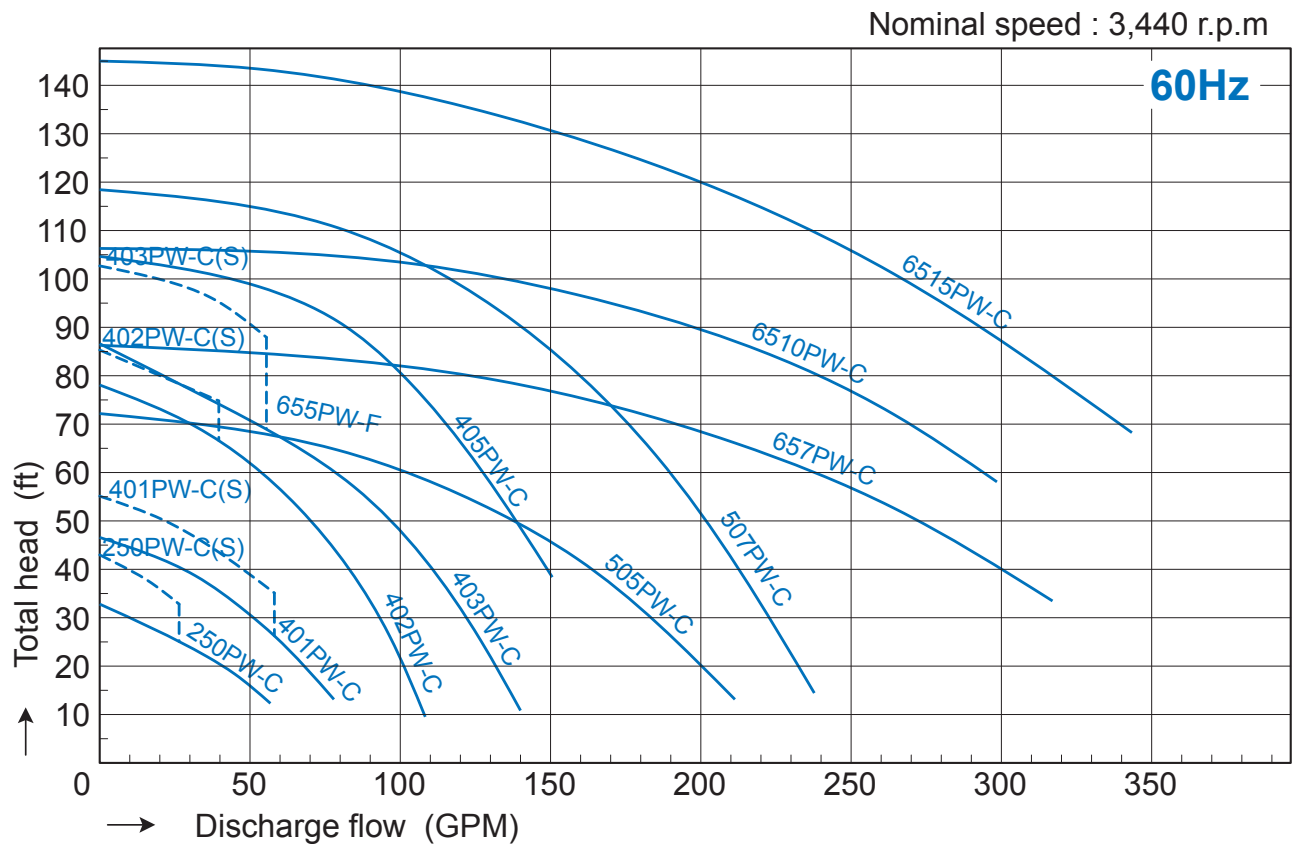
Model	Fitting size(")		Pump performance at specified point (ft at GPM)		NEMA-C motor Output(HP)-Frame size	Net weight (lb)
	Outlet	Inlet	Specific Gravity	60Hz		
NH-250PW-C	1	1	1.2	19.5-38.0	1/2 - 56C	66
			1.5	18.0-35.5		
			1.9	12.5-30.5		
NH-401PW-C	1 1/2	1 1/2	1.2	31.0-47.5	1 - 56C	88
			1.5	28.5-42.0		
			1.9	20.0-37.0		
NH-402PW-C	1 1/2	2	1.2	43.0-68.5	2 - 143TC 145TC	110
			1.5	43.0-68.5		
			1.9	35.5-58.0		
NH-403PW-C	1 1/2	2	1.2	57.0-84.5	3 - 143TC 145TC	128
			1.5	45.0-84.5		
			1.9	47.5-68.5		
NH-405PW-C	1 1/2	2	1.2	75.5-105.5	5 - 182TC 184TC	158
			1.5	66.5-92.5		
			1.9	50.0-105.5		
NH-505PW-C	2	2 1/2	1.2	53.0-148.0	5 - 182TC 184TC	176
			1.5	42.5-103.0		
			1.9	38.5-95.0		
NH-507PW-C	2	2 1/2	1.2	88.5-132.0	7.5 - 213TC 215TC	246
			1.5	49.5-132.0		
			1.9	45.0-105.5		
NH-657PW-C	2	3	1.2	67.0-211.0	7.5 - 213TC 215TC	273
			1.5	48.0-185.0		
			1.9	35.5-158.5		
NH-6510PW-C	2	3	1.2	82.0-251.0	10 - 213TC 215TC	328
			1.5	64.0-190.0		
			1.9	51.5-187.5		
NH-6515PW-C	2	3	1.2	94.5-237.5	15 - 254TC 256TC	407
			1.5	82.0-237.5		
			1.9	67.0-211.0		
NH-6520PW-C	2	3	1.2	128.0-277.5	20 - 254TC 256TC	407
			1.5	78.5-290.5		
			1.9	78.5-251.0		

Parts List

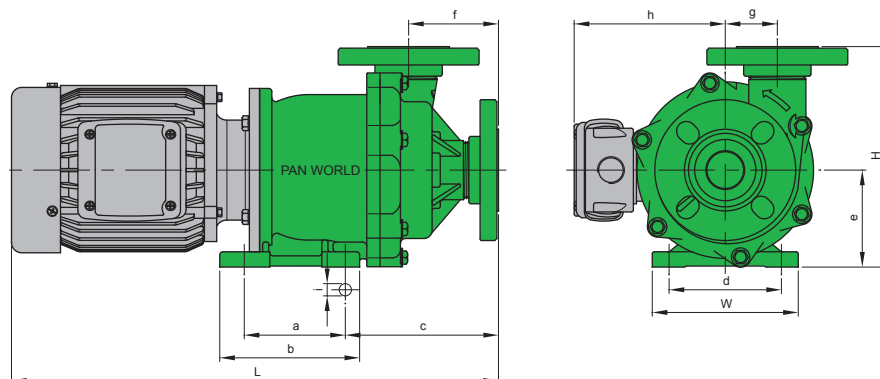


Part name	PW-C Series			
	FV	RV	AV	Si
1. Casing	ETFE			
2. Holder	ETFE			
3. Bearing	H.D. Carbon	Rulon	Ceramic	Sic Ceramic
4. Thrust pad	High purity Ceramic			
5. Spindle	High purity Ceramic			
6. Mouth ring	PTFE based resin			
7. O ring	FKM			
8. Cover	Grey cast iron			

PW-C series performance curve



Installation dimension (for PW/PW-F Series)



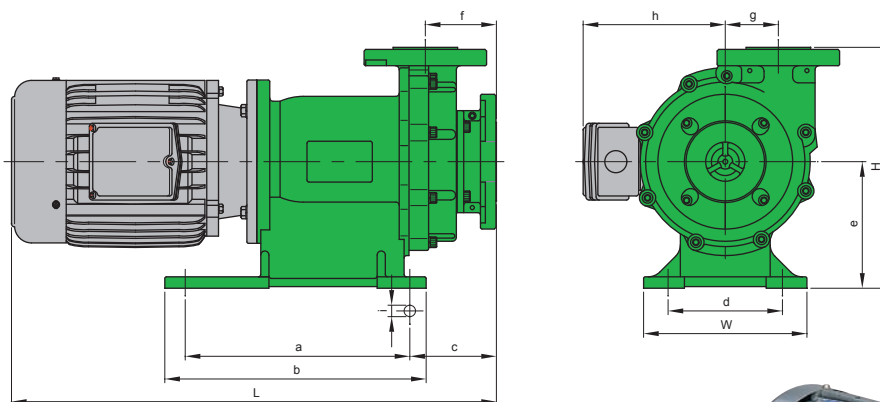
(inch)

Model	W	H	L*	a	b	c	d	e	f	g	h*	i
NH-400PW-F	5.5	8.5	19.5	4.3	2.0	3.9	3.7	4.8	3.4	6.1	5.7	0.5
NH-401PW-F	6.3	10.0	21.5	5.1	2.3	5.1	4.5	5.5	4.0	7.2	5.7	0.5
NH-402PW-F	10.2	10.0	23.4	8.2	2.6	7.9	4.5	5.5	3.5	6.2	6.7	0.6
NH-403PW-F	10.2	10.0	23.4	8.2	2.6	7.9	4.5	5.5	3.5	6.2	6.7	0.6
NH-405PW-F	10.2	10.6	27.3	8.2	2.6	7.9	5.1	5.5	3.5	6.2	5.8	0.6
NH-655PW-F	10.2	14.2	27.9	8.3	3.4	10.6	6.9	7.3	4.7	9.5	5.8	0.6
NH-657PW-F	10.2	14.2	31.7	8.3	3.4	10.6	6.9	7.3	4.7	9.5	6.8	0.6
NH-6510PW-F	10.2	14.2	31.7	8.3	3.4	10.6	6.9	7.3	4.7	9.5	6.8	0.6
NH-6515PW-F	10.2	15.2	39.1	8.3	3.4	10.6	7.9	7.3	4.7	9.5	6.3	0.6



Remarks: 1. Over all size & construction may be changed without notice.
2. * Depending on type of motor used.

Installation dimensions (for PW-C Series)



(inch)

Model	W	H	L*	a	b	c	d	e	f*	g	i
NH-250PW-C	6.1	9.3	19.6	4.3	2.0	3.5	4.5	4.8	5.7	3.7	5.8
NH-401PW-C	7.7	10.8	20.2	5.1	2.3	4.1	5.3	5.5	5.7	4.4	9.8
NH-402PW-C	7.9	11.6	22.4	5.5	2.6	3.4	6.1	5.5	6.7	4.2	10.8
NH-403PW-C	7.9	11.6	22.4	5.5	2.6	3.4	6.1	5.5	6.7	4.2	10.8
NH-405PW-C	7.9	11.6	26.3	5.5	2.6	3.4	6.1	5.5	5.8	4.2	10.8
NH-505PW-C	10.2	12.8	27.4	8.3	2.4	4.3	6.9	5.9	5.8	5.1	12.0
NH-507PW-C	10.2	12.8	31.3	8.3	2.4	4.3	6.9	5.9	6.8	5.1	12.0
NH-657PW-C	11.0	14.2	31.6	8.7	0.0	4.7	6.9	7.3	6.8	7.6	12.6
NH-6510PW-C	11.0	14.2	31.6	8.7	0.0	4.7	6.9	7.3	6.8	7.6	12.6
NH-6515PW-C	11.0	14.2	37.9	8.7	0.0	4.7	6.9	7.3	6.3	7.6	12.6
NH-6520PW-C	11.0	14.2	37.9	8.7	0.0	4.7	6.9	7.3	6.3	7.6	12.6



Remarks: 1. JIS, ISO, NEMA or explosion motor is available.
2. Over all size & part construction will be changed without notice.
3. NH-657, 6510, 6515, 6520 are top centre discharge.
4. * Depending on type of motor used.