

PX Series (Glass fiber-reinforced PP)

Compact Magnetic Drive Pump for OEM Applications

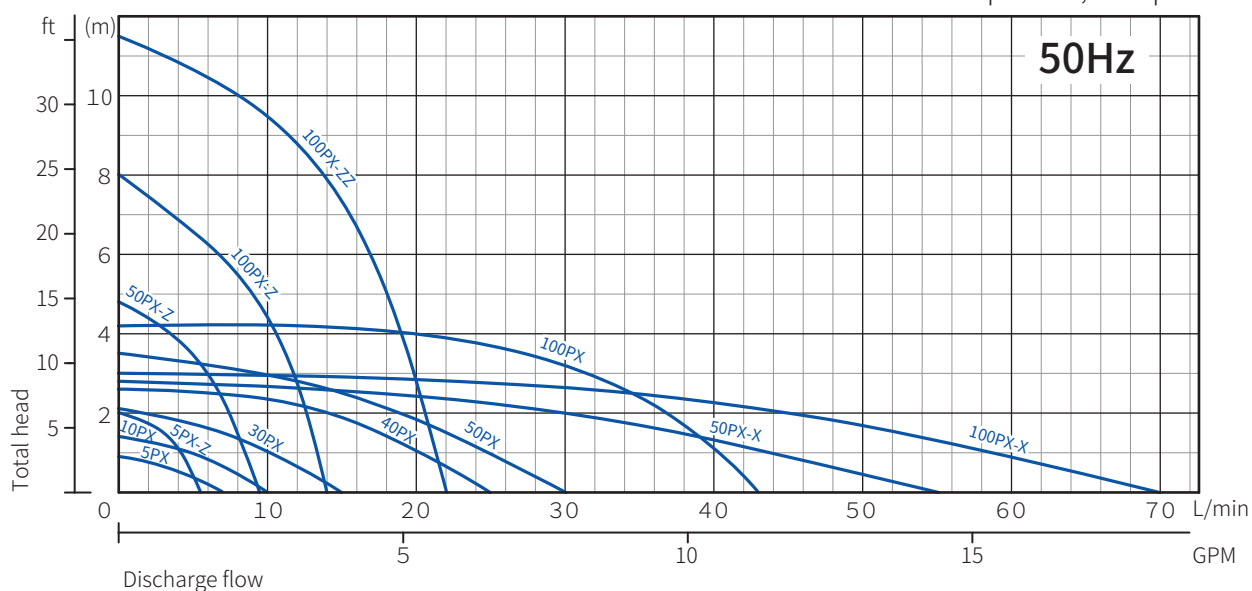
- Designed for OEM and general applications with 15 models available.
- Equipped with durable ceramic bearings and spindles.
- Offers hose, threaded, or union connection options.

Materials in Contact	: Glass fiber-reinforced PP
Max Flow	: 80 L/min
Max Head	: 13.5 m
Liquid Temp.	: 0°C~60°C
Motor Power	: 2.5 W to 65 W

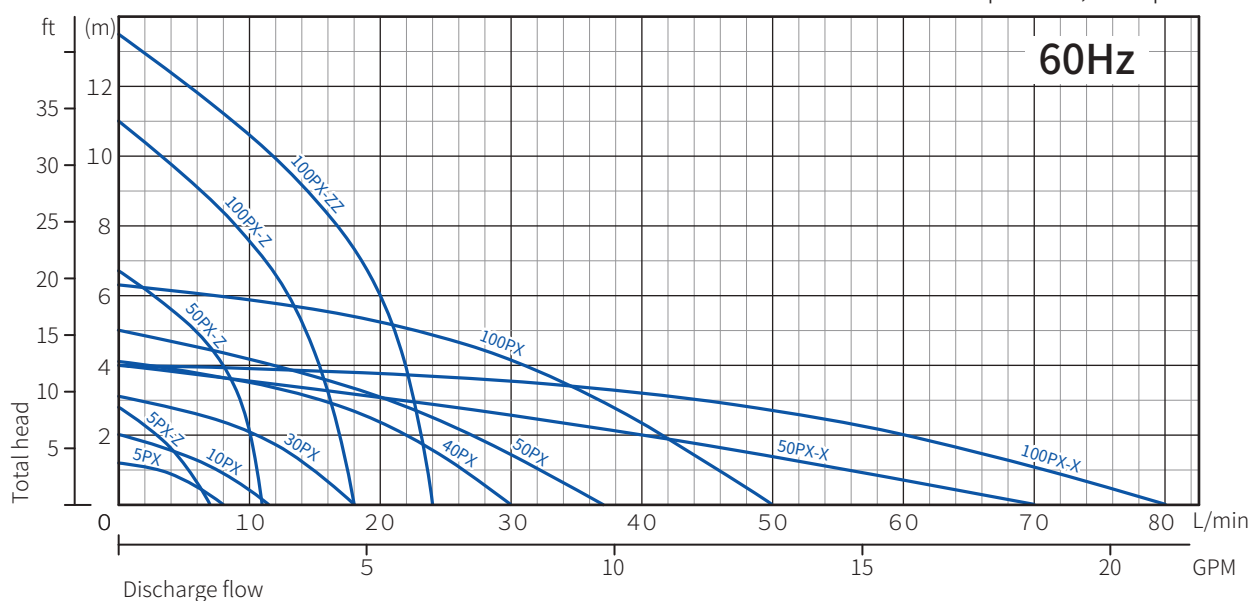


■ Pump performance curve

Nominal speed : 2,860 r.p.m



Nominal speed : 3,400 r.p.m



PX-N Series (Natural)

PX-F Series (Carbon fiber-reinforced ETFE)

Compact Magnetic Drive Pump for Semiconductor Applications

- PVDF natural wetted-end with ceramic or SiC bearings and spindles.
- 15 models tailored for semiconductor use with standard connection options including hose, threaded, or union types.

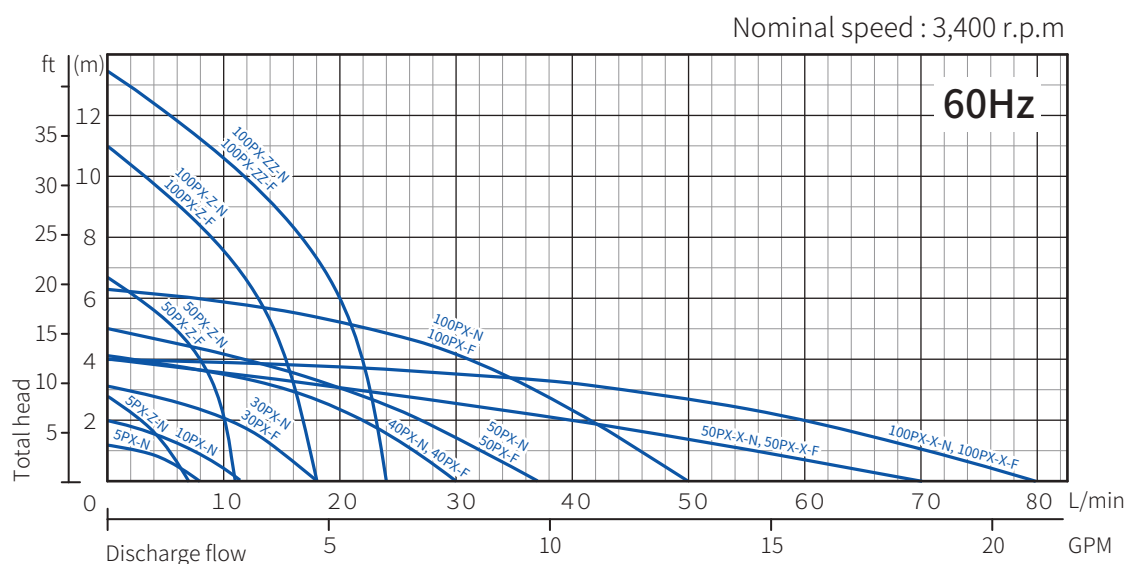
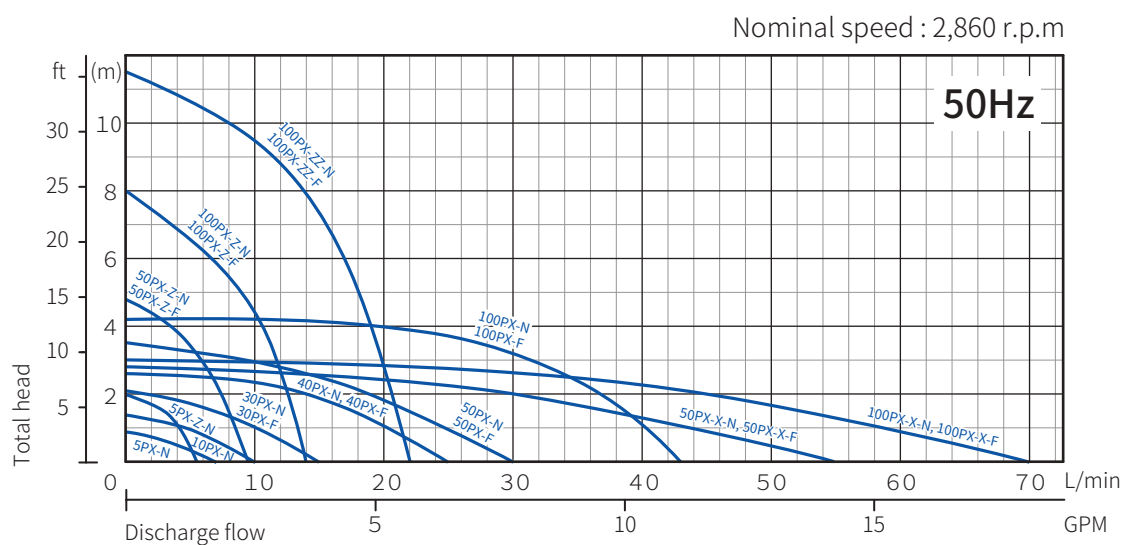
Compact Magnetic Drive Pump for Hazardous Chemical Transfer

- ETFE wetted-end for handling of hazardous chemicals.
- 9 models with hose, threaded, or union connections.

Model	PX-N	PX-F
Materials in Contact	: PVDF natural	ETFE
Max Flow	: 80 L/min	80 L/min
Max Head	: 13.5 m	13.5 m
Liquid Temp.	: 0°C~80°C	0°C~90°C
Motor Power	: 2.5 W to 65 W	10 W to 65 W



■ Pump performance curve



PX / PX-N / PX-F Series

Specification table

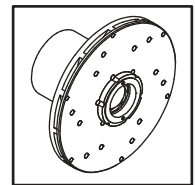
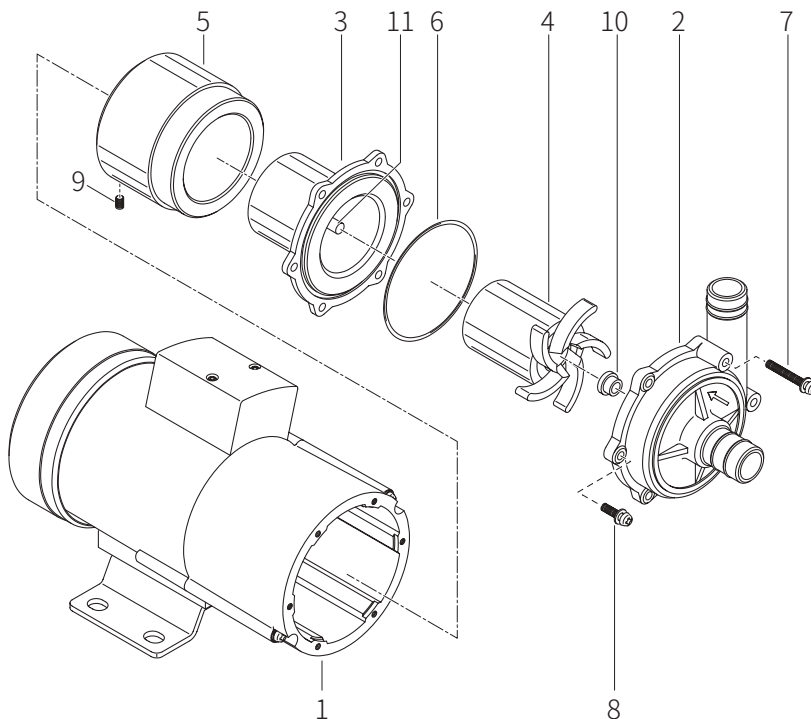
Model	Connection method			Performance (m-L/min)				Motor
	Hose (mm)	Thread (")	Union (A)	Max total head-max discharge		Specified head-specified discharge		Output x Input (W)
	In x Outlet	In x Outlet	In x Outlet	50Hz	60Hz	50Hz	60Hz	
NH-1PX / PX-N	14 X 14	G1/2x1/2	-----	0.9 - 7.0	1.2 - 8.0	0.7 - 2.6	0.8 - 4.5	2.5 - 17 / 18
NH-1PX-Z / PX-Z-N	14 X 14	G1/2x1/2	-----	2.0 - 5.5	2.8 - 7.0	1.5 - 3.0	1.5 - 4.3	5 - 20 / 21
NH-3PX / PX-N	14 X 14	G1/2x1/2	-----	1.4 - 10.0	2.0 - 11.5	1.0 - 4.8	1.0 - 7.5	5 - 19 / 20
NH-5PX / PX-N	14 X 14	G1/2x1/2	-----	0.9 - 7.0	1.2 - 8.0	0.7 - 2.6	0.8 - 4.5	2.5 - 17 / 18
NH-5PX-Z / PX-Z-N	14 X 14	G1/2x1/2	-----	2.0 - 5.5	2.8 - 7.0	1.5 - 3.0	1.5 - 4.3	5 - 20 / 21
NH-10PX / PX-N	14 X 14	G1/2x1/2	-----	1.4 - 10.0	2.0 - 11.5	1.0 - 4.8	1.0 - 7.5	5 - 19 / 20
NH-30PX / PX-N / PX-F	14 X 14	G3/4x3/4	16 X 16	2.1 - 15.0	3.1 - 18.0	1.5 - 7.0	1.5 - 13.0	10 - 29 / 30
NH-40PX / PX-N / PX-F	18 x 18	G3/4x3/4	16 X 16	2.6 - 25.0	4.1 - 30.0	2.0 - 14.0	2.0 - 22.0	20 - 40 / 45
NH-50PX-Z / PX-Z-N / PX-Z-F	18 x 18	G3/4x3/4	16 X 16	4.8 - 9.5	6.7 - 11.0	4.0 - 3.5	4.0 - 8.0	20 - 40 / 55
NH-50PX / PX-N / PX-F	20 X 20	G3/4x3/4	16 X 16	3.5 - 30.0	5.0 - 37.0	2.5 - 15.0	2.5 - 24.0	45 - 65 / 90
NH-50PX-X / PX-X-N / PX-X-F	26 X 26	G1x1	20 X 20	2.8 - 55.0	4.0 - 70.0	2.0 - 30.0	2.0 - 40.0	45 - 65 / 80
NH-100PX-Z / PX-Z-N / PX-Z-F	18 X 18	G3/4x3/4	16 X 16	8.0 - 14.0	11.0 - 18.0	5.0 - 9.0	6.0 - 13.0	45 - 80 / 95
NH-100PX / PX-N / PX-F	20 X 20	G3/4x3/4	16 X 16	4.2 - 43.0	6.3 - 50.0	4.0 - 20.0	4.0 - 31.0	65 - 90 / 120
NH-100PX-X / PX-X-N / PX-X-F	26 x 26	G1x1	20 X 20	3.0 - 70.0	4.0 - 80.0	2.0 - 45.0	2.0 - 60.0	65 - 120 / 165
NH-100PX-ZZ / PX-ZZ-N / PX-ZZ-F	20 x 20	G3/4x3/4	16 X 16	11.5 - 22.0	13.5 - 24.0	9.5 - 10.0	6.0 - 20.0	65 - 140 / 200



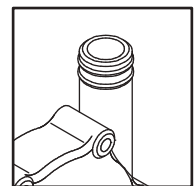
Z: Closed impeller

Note: NPT thread is available.

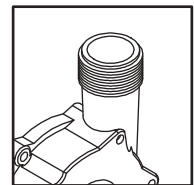
Parts List



Closed impeller



Hose



Thread

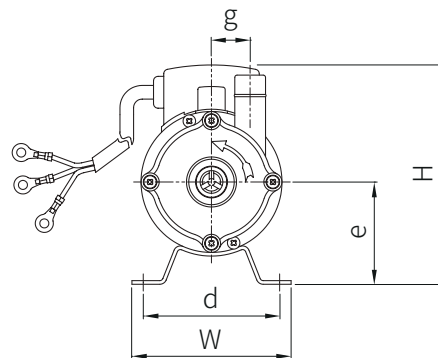
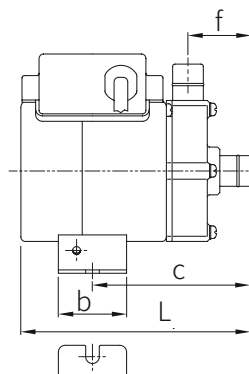
Position	Description
1	Motor
2	Front casing
3	Rear casing
4	Impeller vane
5	Outer drive ring
6	O. Ring

Position	Description
7	Screw, cross recess head w/t plain washer (x2)
8	Screw, cross recess head w/t plain washer (x4)
9	Set screw (x2)
10	Front thrust pad
11	Spindle

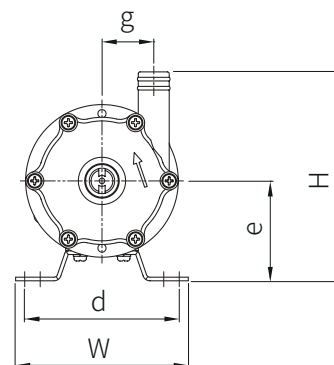
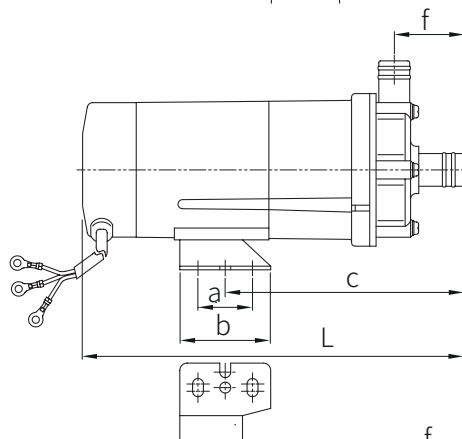
PX / PX-N / PX-F Series

Installation dimension

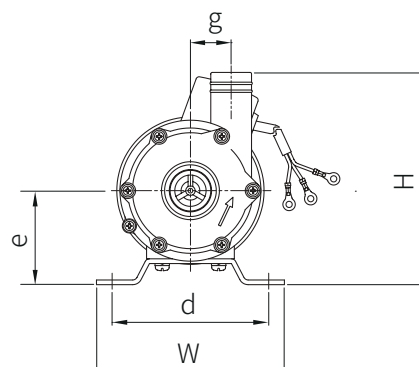
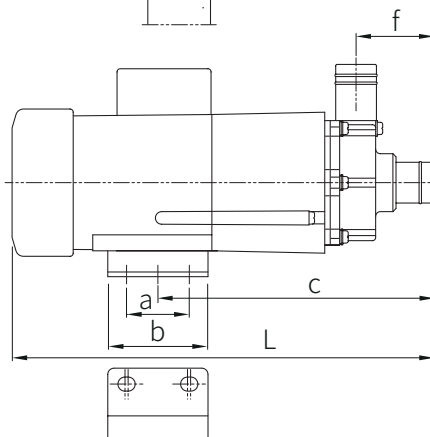
NH-1PX / PX-N
NH-1PX-Z / PX-Z-N
NH-3PX / PX-N
NH-5PX / PX-N
NH-5PX-Z / PX-Z-N
NH-10PX / PX-N



NH-30PX
NH-30PX-N / PX-F
NH-40PX
NH-40PX-N / PX-F
NH-50PX-Z
NH-50PX-Z-N / PX-Z-F



NH-50PX
NH-50PX-N / PX-F
NH-50PX-X
NH-50PX-X-N / PX-X-F
NH-100PX-Z
NH-100PX-Z-N / PX-Z-F
NH-100PX
NH-100PX-N / PX-F
NH-100PX-X
NH-100PX-X-N / PX-X-F
NH-100PX-ZZ
NH-100PX-ZZ-N / PX-ZZ-F



Model	W	H	L	a	b	c	d	e	f	g
NH-1PX / PX-N	70	95	101.5	-	30	70	60	45	28	17
NH-1PX-Z / PX-Z-N	70	95	101.5	-	30	70	60	45	28	17
NH-3PX / PX-N	70	95	101.5	-	30	70	60	45	28	17
NH-5PX / PX-N	74	92	145	-	30	73	60	45	31	17
NH-5PX-Z / PX-Z-N	74	92	145	-	30	73	60	45	31	17
NH-10PX / PX-N	74	92	145	-	30	73	60	45	31	17
NH-30PX / PX-N / PX-F	95	115	197.5	30	50	117	85	55	39	21.5
NH-40PX / PX-N / PX-F	95	115	210	30	50	131.5	85	55	38.5	28.5
NH-50PX-Z / PX-Z-N / PX-Z-F	95	125	226	30	50	134	85	55	39.5	38.5
NH-50PX / PX-N / PX-F	120	130	247	40	64	169	100	60	48	31
NH-50PX-X / PX-X-N / PX-X-F	120	135	254.5	40	64	176.5	100	60	50	26
NH-100PX-Z / PX-Z-N / PX-Z-F	120	130	236	40	64	152	100	60	39.5	38.5
NH-100PX / PX-N / PX-F	120	130	262	40	64	169	100	60	48	31
NH-100PX-X / PX-X-N / PX-X-F	120	135	269.5	40	64	176.5	100	60	50	26
NH-100PX-ZZ / PX-ZZ-N / PX-ZZ-F	120	150	243.5	40	64	160	100	60	38.5	44.5

Note : Over all size & construction may be changed without notice.

Unit : mm