

PX-N Series (Natural)

Compact Magnetic Drive Pump for Semiconductor Application

- With PvdF natural wetted-end and ceramic or Sic bearing & spindle, these pumps are well made for semiconductor application.
- 14 models with flow rates up to 80 lit/min.
- Standard connections available in hose, threads or union type.



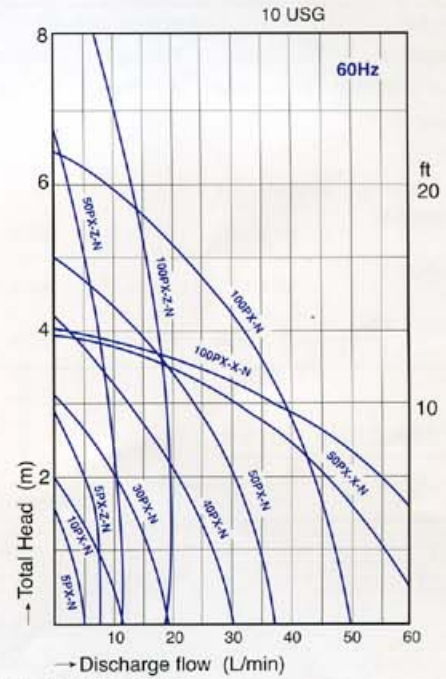
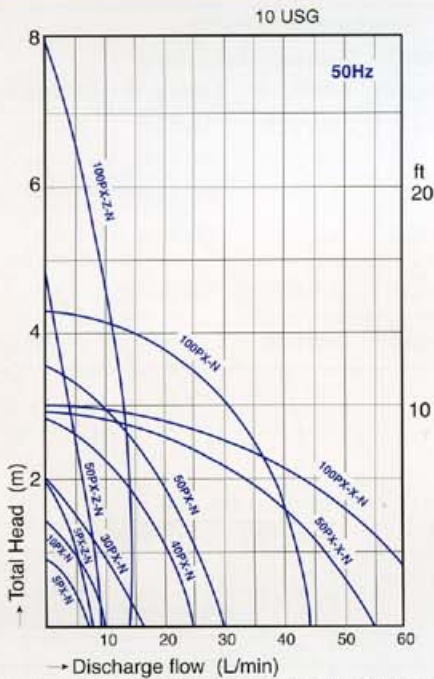
PX-F Series (Carbon Fibre-reinforced ETFE)

Compact Magnetic Drive Pump for hazardous chemical transfer

- ETFE wetted-end material for highly hazardous chemical transfer.
- 8 models with flow rates up to 80 lit/min.
- Standard connections available in hose, threads or union type.



Pump performance curve



Note: Performance of (1PX-N, 6PX-N = 5PX-N) / (1PX-Z-N, 6PX-Z-N = 5PX-Z-N) / (3PX-N, 7PX-N = 10PX-N)

Specification table

Nominal speed 2,500/3,000 r.p.m

Model	Connection method			Performance M-L/min, 50-60Hz		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			
1PX-N	14 x 14	G1/2 x 1/2	-----	0.9-7.0/1.2-8.0	0.7-2.6/0.8-4.5	2.5-17/18
1PX-Z-N	14 x 14	G1/2 x 1/2	-----	2.0-5.5/2.8-7.0	1.5-3.0/1.5-4.3	5-20/21
3PX-N	14 x 14	G1/2 x 1/2	-----	1.4-10.0/2.0-11.5	1.0-4.8/1.0-7.5	5-19/20
5PX-N	14 x 14	G1/2 x 1/2	-----	0.9-7.0/1.2-8.0	0.7-2.6/0.8-4.5	2.5-17/18
5PX-Z-N	14 x 14	G1/2 x 1/2	-----	2.0-5.5/2.8-7.0	1.5-3.0/1.5-4.3	5-20/21
10PX-N	14 x 14	G1/2 x 1/2	-----	1.4-10.0/2.0-11.5	1.0-4.8/1.0-7.5	5-19/20
30PX-N/30PX-F	14 x 14	G3/4 x 3/4	16A x 16A	2.1-15.0/3.1-18.0	1.5-7.0/1.5-13.0	10-29/30
40PX-N/40PX-F	18 x 18	G3/4 x 3/4	16A x 16A	2.8-25.0/4.1-30.0	2.0-14.0/2.0-22.0	20-40/45
50PX-Z-N/50PX-Z-F	18 x 18	G3/4 x 3/4	16A x 16A	4.8-9.5/6.7-11.0	4.0-3.5/4.0-8.0	20-55/55
50PX-N/50PX-F	20 x 20	G3/4 x 3/4	16A x 16A	3.5-30.0/5.0-37.0	2.5-15.0/2.5-24.0	45-65/90
50PX-X-N/50PX-X-F	26 x 26	G1 x 1	20A x 20A	2.8-55.0/4.0-70.0	2.0-30.0/2.0-40.0	45-65/80
100PX-Z-N/100PX-Z-F	18 x 18	G3/4 x 3/4	16A x 16A	8.0-14.0/11.0-18.0	5.0-9.0/6.0-13.0	45-80/95
100PX-N/100PX-F	20 x 20	G3/4 x 3/4	16A x 16A	4.2-43.0/6.3-50.0	4.0-20.0/4.0-31.0	65-90/120
100PX-X-N/100PX-X-F	26 x 26	G1 x 1	20A x 20A	3.0-70.0/4.0-80.0	2.0-45.0/2.0-60.0	65-120/165
100PX-ZZ-N/100PX-ZZ-F	20 x 20	G3/4 x 3/4	20A x 20A	11.5-22.0/13.5-24.0	9.5-10.0/6.0-20	65-140/200