

# PX-D Series (Glass-filled Polypropylene)

## PX-D-N Series (Pvdf Natural)

## PX-D-F Series (Carbon Fiber-filled ETFE)

Magnetic Drive Pump with Computer-controlled DC brush-less motor, fixed-speed & variable-speed



- Magnetic Drive Pump equipped with DC brush-less motor, printed circuit board & variable speed controller.
- Wetted-end materials in PP,Pvdf or ETFE to meet different requirements.
- Can accept external 4-20mA for maintaining constant flow and pressure and also pH adjustment.
- Motor efficiency doubles that of the AC type.
- Space saving.

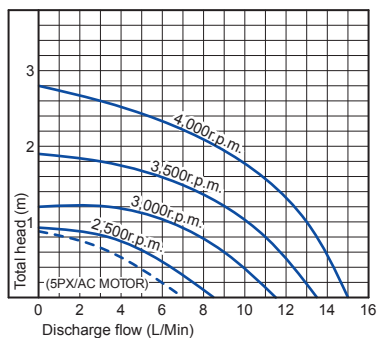
### Specification table

Model	Connection method			Maximum Performance					
	Wetted end	Hose(mm)	Thread(″)	Union(A)	Head(M)-Discharge flow (L/min)				
<b>Polypropylene/Pvdf/ETFE</b>		In x Outlet	In x Outlet	In x Outlet	2,000r.p.m	2,500r.p.m	3,000r.p.m	3,500r.p.m	4,000r.p.m
5PX-D, 5PX-D-N	14x14	14x14	G1/2x1/2	----	----	0.9 - 8.5	1.2 - 11.5	1.9 - 13.5	2.8 - 15.0
10PX-D, 10PX-D-N	14x14	14x14	G1/2x1/2	----	----	1.2 - 10.0	1.6 - 12.0	2.5 - 13.0	----
5PX-Z-D, 5PX-Z-D-N	14x14	14x14	G1/2x1/2	----	----	1.5 - 8.0	2.2 - 10.0	2.8 - 12.0	----
30PX-D/30PX-D-N 30PX-D-F	14x14	14x14	G3/4x3/4	16x16	1.2-14.5	1.6 - 16.0	2.6 - 17.0	3.6 - 22.0	----
40PX-D/40PX-D-N 40PX-D-F	18x18	18x18	G3/4x3/4	16x16	1.7-18.0	2.3 - 22.0	3.1 - 26.0	3.9 - 30.0	----
50PX-Z-D/50PX-Z-D-N 50PX-Z-D-F	18x18	18x18	G3/4x3/4	16x16	2.6-12.0	4.2 - 13.0	5.0 - 13.5	----	----

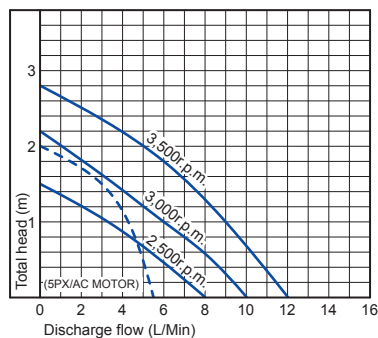
Note : NPT thread is available.

### Pump performance curve

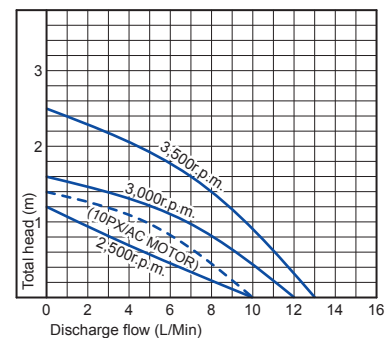
5PX-D/5PX-D-N



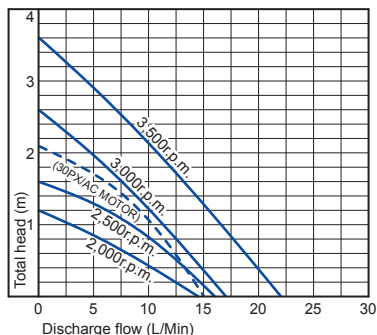
5PX-Z-D/5PX-Z-D-N



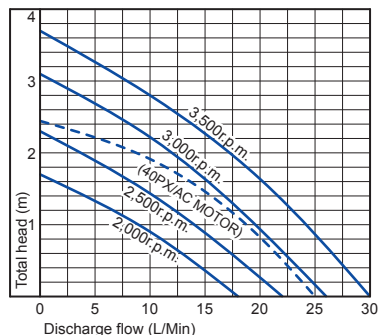
10PX-D/10PX-D-N



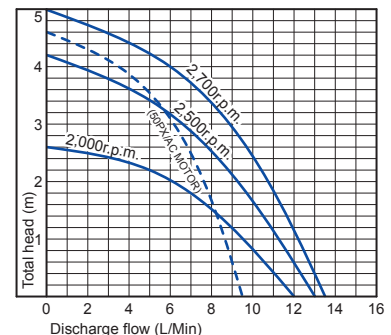
30PX-D/30PX-D-N/30PX-D-F



40PX-D/40PX-D-N/40PX-D-F



50PX-Z-D/50PX-Z-D-N/50PX-Z-D-F



3 Note: Broken Line shows pump performance of PX Series with AC motor.