



The leading specialist for
Water Management Systems

MULTISTAGE CENTRIFUGAL PUMPS



PP-2 / PP-4 / PP-8 SERIES

Features

- ◆ CE Certified
- ◆ Energy Efficient
- ◆ Ease in Operation
- ◆ High Quality
- ◆ Highly Reliable
- ◆ Unique in Design

Applications

- Potable water booster Sets
- Sea water Application
- Pressure Boiler Feeding
- Refining / Chemical Industries
- Pure water treatment Plants
- Water supplying Systems
- Pharmaceutical & Food processing
- Sprinkler & Fire-fighting

Performance Curves

Motor Specifications

Type	T.E.F.C - 2 Pole
Speed	2900 rpm
Frequency	50 Hz
Single phase voltage	220 V (±5%)
Three phase voltage	415 V (±5%)
Insulation class	F
Protection class	IP55
Efficiency class	EFF 2
Duty	Continuous
Motor case	Aluminum
Altitude	≤1000 m

Materials of Construction

Pump casing, pump shaft, guide plate sleeve, back cover, impeller, diffuser	SS304
Base plate / Adaptor	Cast iron- GCI 25 (GJL-250)
In / Out Flange	GCI 40 (GJS-400)
Elastomers	EPDM (Viton optional)
Shaft sealing : Standard Mechanical Seal	PP 2/4 : NBR / Ceramic / Carbon PP 8 : NBR / TC / Carbon
Sleeve sealing	NBR O-rings
Connection inline	G-ISO 228 Optional, ANSI B16.1 Class 150
Special Mechanical Seal	Available on request

Working Conditions

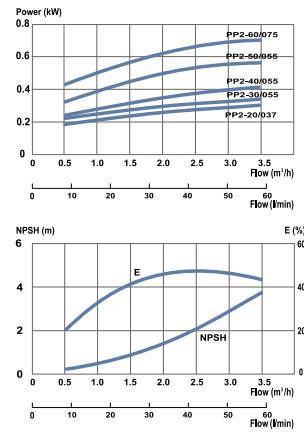
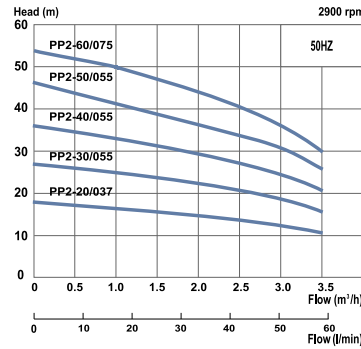
Transporting medium	Clean, thin non-explosive liquids
Fluid temperature range	-15°C ~ +80°C
Maximum ambient temperature	+40°C
Maximum working pressure	8 kg/cm ² g
Axial Suction	Radial Discharge
Pump can be used at full load without overloading motor	

Performance Data

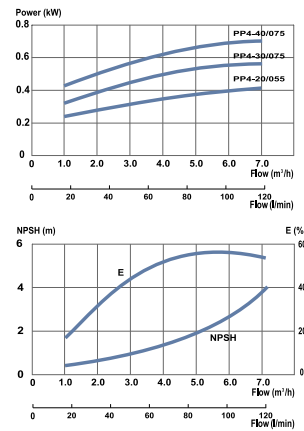
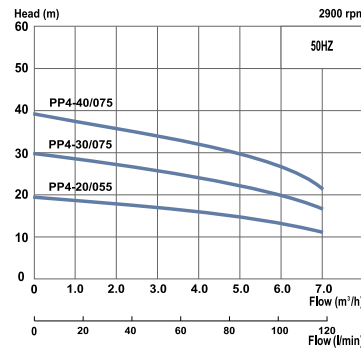
Water test temp: 20°C Performance Limits: ISO2548 Std Class C pumps

Model		Power		Flow Capacity (m ³ /hr)	Head (m)	Suction Head (m)	Suction Size (mm)	Discharge Size (mm)	Flow													
Single Phase 220 V	Three Phase 415 V	kW	HP						Flow													
Model Code	Amp	Model Code	Amp						Head													
PP2-20/037D	2.26	PP2-20/037	0.95	0.37	0.50	2	15	8.5	25	25												
PP2-30/055D	3.35	PP2-30/055	1.28	0.55	0.75	2	22.5	8.5	25	25												
PP2-40/055D	3.35	PP2-40/055	1.28	0.55	0.75	2	29.5	8.5	25	25												
PP2-50/055D	3.35	PP2-50/055	1.28	0.55	0.75	2	36.5	8.5	25	25												
PP2-60/075D	4.45	PP2-60/075	1.88	0.75	1.00	2	44	8.5	25	25												
PP4-20/055D	3.35	PP4-20/055	1.28	0.55	0.75	4	15.5	8	32	25												
PP4-30/075D	4.45	PP4-30/075	1.88	0.75	1.00	4	24	8	32	25												
PP4-40/075D	4.45	PP4-40/075	1.88	0.75	1.00	4	32	8	32	25												
PP8-20/075D	4.45	PP8-20/075	1.88	0.75	1.00	8	16.5	7.5	38	38												
PP8-30/110D	6.24	PP8-30/110	2.48	1.10	1.50	8	25	7.5	38	38												
PP8-40/150D	8.80	PP8-40/150	3.12	1.50	2.00	8	33	7.5	38	38												
PP8-50/220D	13.5	PP8-50/220	4.58	2.20	3.00	8	42	7.5	38	38												

PP2



PP4



PP8

