

Pump Specifications

Hydraulic Configuration	Triplex
Flow Control	Electronic variable speed drive
Steady State Accuracy	± 1.0%
Max Discharge Pressure	
Metallic Head:	1000 PSI (70 bar)
Non-Metallic Head:	Polypropylene: 250 PSI (17 bar) Kynar: 350 PSI (24 bar)
Max Inlet Pressure	250 PSI (17 bar)
Max Temperature	
Metallic Heads:	250°F (121°C)
Non-Metallic Heads:	140°F (60°C)
Inlet Port	1 inch NPT, BSPT
Discharge Port	3/4 inch NPT, BSPT
Weight (less motor)	
Metallic Head:	62 lbs (28.1 kg)
Non-Metallic Head:	49 lbs (22.2 kg)



Maximum Capacity* (Gallons per Hour)

Motor RPM	Gear Ratio	Pump RPM	Metallic and Non-Metallic Head		Metallic Head Only	
			100 PSI (7 bar)	250 PSI (17 bar)	500 PSI (35 bar)	1000 PSI (70 bar)
1800	100:1	18	5.45	5.40	5.35	5.20
	80:1	22.5	6.45	6.40	6.35	6.20
	60:1	30	9.15	9.10	9.05	8.90
	50:1	36	11.00	10.95	10.90	10.70
	40:1	45	14.10	14.05	14.00	13.75
	30:1	60	19.90	19.80	19.65	19.05
	25:1	72	24.10	23.90	23.65	22.70
	20:1	90	30.30	30.00	29.60	28.60
	15:1	120	41.0	40.6	40.1	39.0
	10:1	180	60.3	59.9	59.4	58.2
	7.5:1	240	81.0	80.6	80.0	78.5
3600	5:1	360	121.0	120.5	119.9	118.0
	7.5:1	480	162.5	162.0	161.3	158.9
	5:1	720	243.0	242.5	241.5	238.0

* Capacity data for pumps with elastomeric diaphragms. Consult factory for performance characteristics of pumps with PTFE diaphragms.

Required Motor HP			
1/4	3/4	1-1/2	3
1/2	1	2	



WANNER ENGINEERING INC

For more information, visit our Website at: www.epmpump.com

P400 Pump Dimensions

Models with Metallic Pumping Head

316 Stainless Steel
Cast Iron
Hastelloy® C

Inches
(mm)

