



HP Series



HP Series pumps are designed for reliable, heavy duty, high flow pumping of industrial slurries, abrasives, and other fluids. Interchangeability of motors and impellers allows you to specify the combination that best meets your needs.

HP SERIES SPECIFICATIONS

Pump performance can be varied by specifying a different motor and impeller size. The graph at below right allows you to determine the horsepower/impeller combination which will handle your operating requirements. Curves 1 thru 4 identify the pump performance for each of 4 impeller options (A, B, C, D). Diagonal lines express horsepower (HP).

Optional mounting accessories are available on page 34 for HP Series pumps. Most pumps available as a Pump/Tank combination. See pages 24 thru 28 or consult factory.

All Models: 230/460 V, 60/50 Hz, 3 Ph motors. 2 1/2" NPT horizontal discharge. Maximum viscosity: 500 SSU.

- HP500:** 5 HP, 3450 RPM
- HP750:** 7.5 HP, 3450 RPM
- HP1000:** 10 HP, 3450 RPM

MATERIALS:

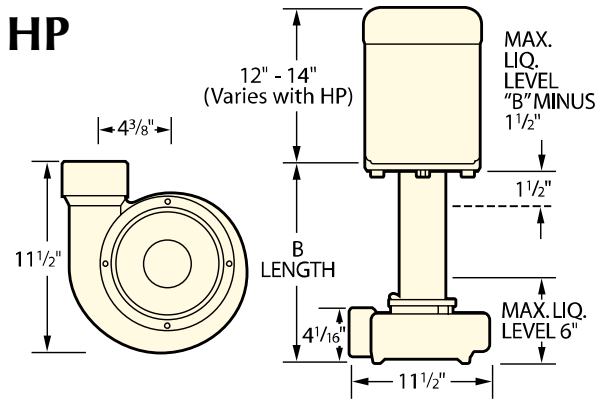
Pump Body and Volute: Cast iron

Shaft: Carbon steel

Impeller: Double suction, glass-filled Celcon

Special Materials: All HP Series pumps are available with nickel plating, Teflon coating or stainless steel shafts for extra corrosion and abrasion resistance. Consult factory for special pricing.

HP

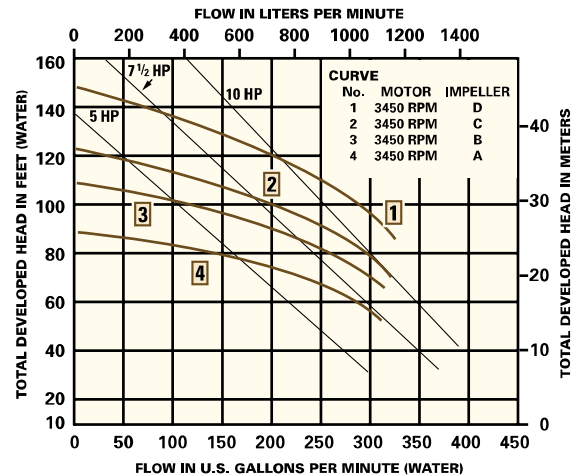


HP ORDER INFORMATION

B LENGTH	IMPELLER SIZE (Dia.)			
	5" (A)	5 1/2" (B)	6" (C)	6 1/2" (D)
5 HP MODELS				
15"	HP515HA-F	HP515HB-F	HP515HC-F	
24"	HP524HA-F	HP524HB-F	HP524HC-F	
7.5 HP MODELS				
15"		HP7.515HB-F	HP7.515HC-F	HP7.515HD-F
24"		HP7.524HB-F	HP7.524HC-F	HP7.524HD-F
10 HP MODELS				
15"			HP1015HC-F	HP1015HD-F
24"			HP1024HC-F	HP1024HD-F

VOLTAGE SUFFIX CHART

Suffix	A	B	E	F	Z	GAM
Voltage	115	230	115/230	230/460	575	Air motor
Hertz	60/50	60/50	60/50	60/50	60	
Phase	1	1	1	3	3	



To use the chart, locate your required operating point (intersection GPM & TDH). If the operating point is between two curves, select the higher of the two. The required motor horsepower will be shown by the first diagonal line to the right of the operating point.