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. Use the performance chart below to identify the performance curves required by your application. Performance Curves 1 through 4 identify the pump performance for each of 4 impeller options (A, B, C, D). Diagonal lines express horsepower (HP). Once you have selected the performance parameter required, the Order Information chart at right allows you to determine the horsepower/impeller combination.

Optional mounting accessories are available on page 34 for HP Series pumps. Most pumps available as pump/tank combinations. See pages 25-29 or consult factory.

All Models: 230/460V, 60/50 Hz, 3 Ph motors. 2½" NPT horizontal discharge. Maximum viscosity: 500 SSU.
HP500: 5 HP, 3450 RPM
HP750: 7-1/2 HP, 3450 RPM
HP1000: 10 HP, 3450 RPM

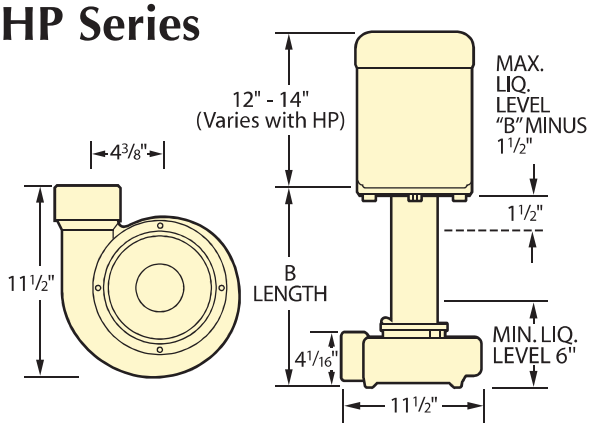
MATERIALS

Pump Body and Volute: Cast iron
Shaft: Carbon steel
Impeller: Double suction, 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.

VOLTAGE SUFFIX CHART

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

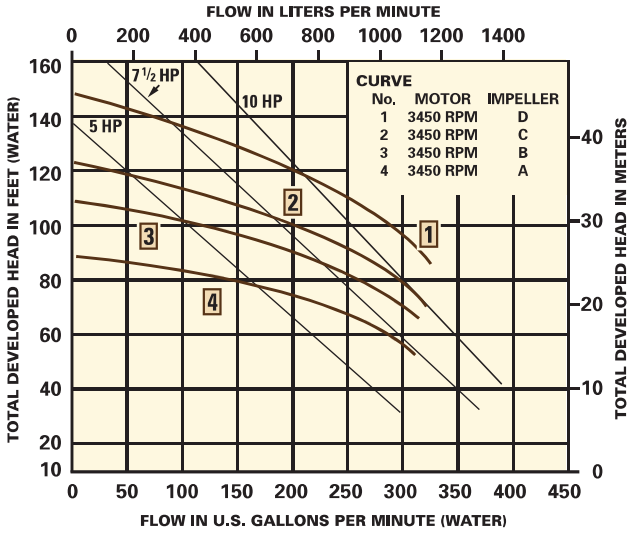
HP Series



HP ORDER INFORMATION

B LENGTH	IMPELLER SIZE (Dia.) 5"(A)	5½"(B)	6"(C)	6½"(D)
5 HP MODELS				
15"	HP515HA-F	HP515HB-F	HP515HC-F	
24"	HP524HA-F	HP524HB-F	HP524HC-F	
7-1/2 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

HP SERIES PERFORMANCE



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.