

Series 4600 Horizontal Split Case Pump

12 x 10 x 15H

SUBMITTAL

JOB: _____ REPRESENTATIVE: _____

ENGINEER: _____ ORDER NO: _____ DATE: _____

CONTRACTOR: _____ SUBMITTED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

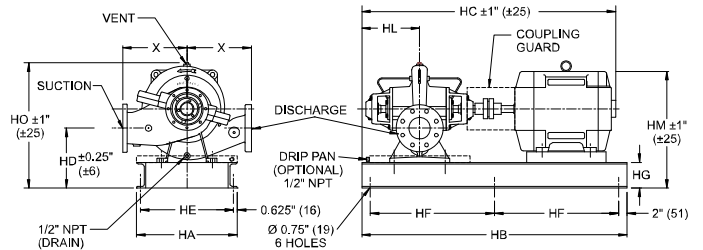
PUMP DESIGN DATA			
NO. OF PUMPS:		TAG:	
CAPACITY:	USgpm (L/s)	HEAD:	ft (m)
LIQUID:		VISCOSITY:	
TEMPERATURE:	°F (°C)	SPECIFIC GRAVITY:	

MOTOR DESIGN DATA		
HP:		RPM:
FRAME SIZE:		ENCLOSURE:
VOLTS:	HERTZ: 50 Hz	PHASE:
EFFICIENCY: <input type="checkbox"/> Energy Efficient <input type="checkbox"/> NEMA Premium <input type="checkbox"/> Other _____		

MATERIALS OF CONSTRUCTION		
FLANGE RATING	<input type="checkbox"/> ANSI 125	<input type="checkbox"/> ANSI 250
CONSTRUCTION	<input type="checkbox"/> BRONZE ITTED <input type="checkbox"/> ALL IRON	<input type="checkbox"/> BRONZE ITTED <input type="checkbox"/> ALL IRON
CASING	CAST IRON	
IMPELLER	BRONZE	CAST IRON
FLUSH LINE	COPPER	STEEL
WEAR RINGS	BRONZE	CAST IRON
SHAFT	CARBON STEEL	
SHAFT SLEEVE	BRONZE	
GASKET	VELOTHERM (FIBER)	
MAX. PUMP OPERATING CONDITIONS	175 psi at 140°F (12 bars at 60°C)	300 psi at 150°F (21 bars at 66°C)
	140 psi at 250°F (10 bars at 121°C)	250 psi at 250°F (17 bars at 121°C)

MECHANICAL SEAL DESIGN DATA		
PUMP FLANGE RATING	<input type="checkbox"/> ANSI 125	<input type="checkbox"/> ANSI 250
SEAL TYPE	A21	ARO
STATIONARY SEAT	SILICON CARBIDE	CARBON
ROTATING FACE	CARBON	DURCHROME
SECONDARY SEAL	EPDM	VITON
SPRING	STAINLESS STEEL	
ROTATING HARDWARE	STAINLESS STEEL	
GLAND PLATE	BRONZE	

OPTIONAL EQUIPMENT



IMPORTANT (PLEASE SELECT)

SUCTION SIDE REQUIREMENT
(Viewed from motor end)
<input type="checkbox"/> RIGHT HAND (ILLUSTRATED)
<input type="checkbox"/> LEFT HAND

- TOLERANCE OF ±0.125" (±3 mm) SHOULD BE USED
- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS

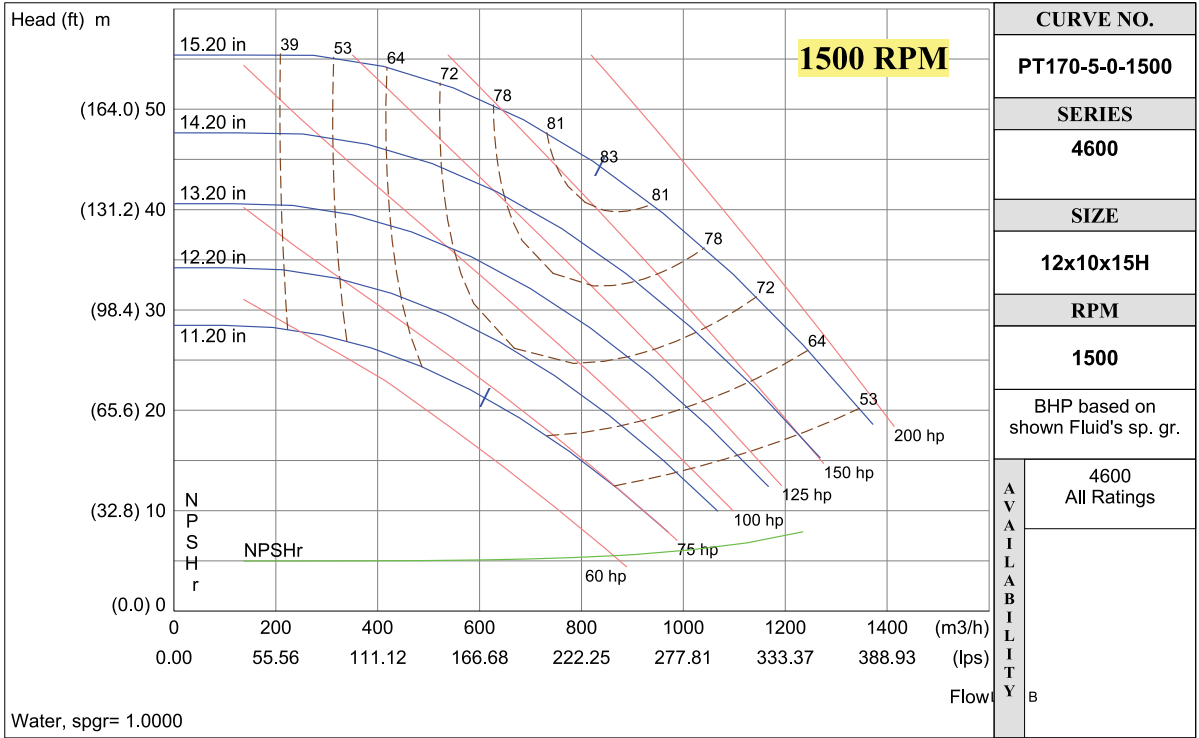
FLANGE RATINGS		
	SUCTION	DISCHARGE
<input type="checkbox"/>	125 psi	125 psi
<input type="checkbox"/>	125 psi	250 psi
<input type="checkbox"/>	250 psi	250 psi

MOTOR FRAME	hp @ rpm 1500 ODP/TEFC	DIMENSIONS inches (mm)											WEIGHT lbs. (kg)					
		HA	HB	HC (max)	HD	HE	HF	HG	HL	HM	HO	X	ODP	TEFC				
404T	100	23.00 (584)	64.00 (1626)	69.50 (1765)	18.00 (457)	21.00 (533)	30.00 (762)	6.00 (152)	14.50 (368)	37.00 (940)	18.00 (457)	34.25(870)	1720 (781.8)	—				
405T	200/150		70.00 (1778)	71.00 (1803)			33.00 (838)					34.25(870)			2175 (806.8)	2150 (977.3)		
444T	150/125			76.88 (1953)								36.00 (914)					36.50(927)	2075 (943.2)
445T	200/150		76.00 (1930)	78.88 (2004)			36.50(927)								2175 (988.6)	2700 (1227.3)		
447T	-/200		80.00 (2032)	78.88 (2004)			38.00 (965)										36.50(927)	

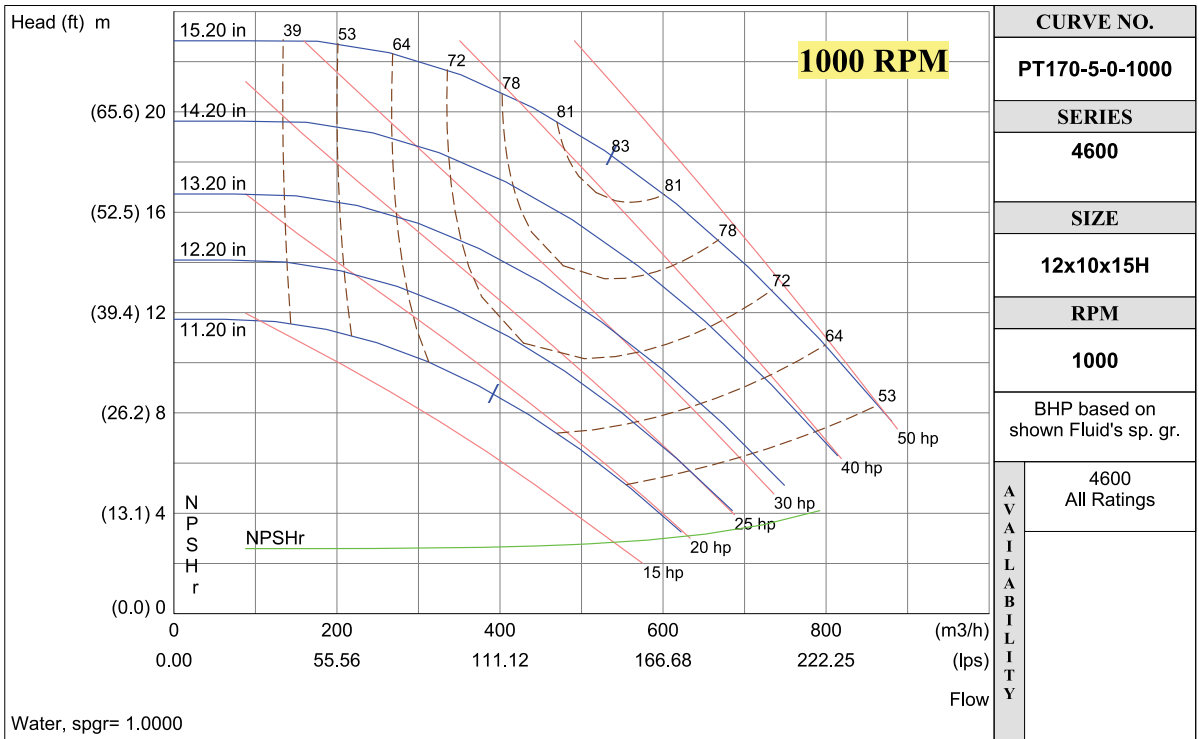


PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated
 CURVE SHOWN FOR CLEAR, COLD WATER - SP. GR. 1.0



CURVE NO.	
PT170-5-0-1500	
SERIES	
4600	
SIZE	
12x10x15H	
RPM	
1500	
BHP based on shown Fluid's sp. gr.	
AVAILABILITY	4600 All Ratings



CURVE NO.	
PT170-5-0-1000	
SERIES	
4600	
SIZE	
12x10x15H	
RPM	
1000	
BHP based on shown Fluid's sp. gr.	
AVAILABILITY	4600 All Ratings

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