

Series 4600 Horizontal Split Case Pump

8 x 6 x 12.5M

SUBMITTAL

JOB: _____ REPRESENTATIVE: _____

ENGINEER: _____ ORDER NO: _____ DATE: _____

CONTRACTOR: _____ SUBMITTED BY: _____ DATE: _____

APPROVED BY: _____ DATE: _____

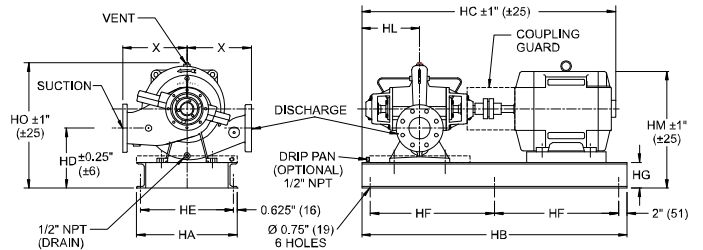
PUMP DESIGN DATA			
NO. OF PUMPS:	TAG:		
CAPACITY:	USgpm (L/s)	HEAD:	ft (m)
LIQUID:	VISCOSITY:		
TEMPERATURE:	°F (°C)	SPECIFIC GRAVITY:	

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	

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

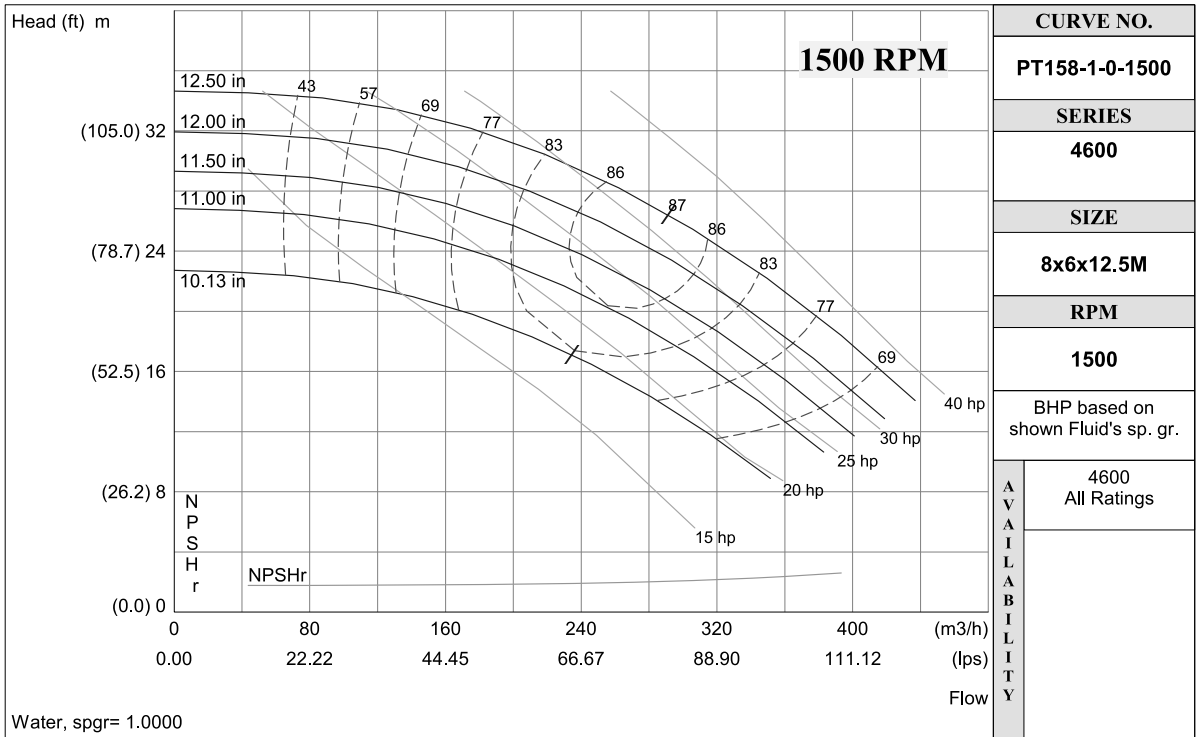
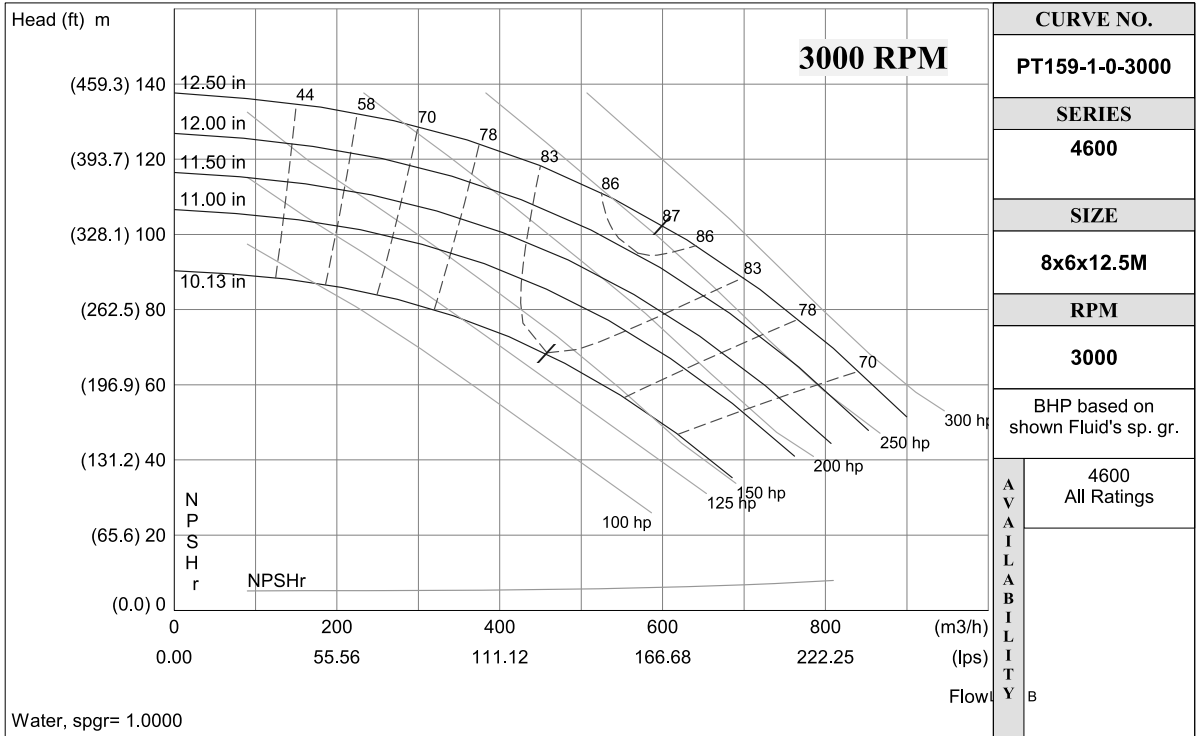
- TOLERANCE OF ±0.125" (±3 mm) SHOULD BE USED
- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS

MOTOR FRAME	hp @ rpm		DIMENSIONS inches (mm)											WEIGHT lbs. (kg)	
	3000 ODP/TEFC	1500	HA	HB	HC (max)	HD	HE	HF	HG	HL	HM	HO	X	ODP	TEFC
256T		20	16.00 (406)	54.00 (1372)	56.13 (1426)	9.50 (248)	14.75 (375)	25.00 (635)	3.00 (76)	13.50 (343)	19.50 (495)	24.44 (621)	15.00 (381)	940 (427.3)	1010 (459.1)
284T		25			57.95 (1472)						20.88 (530)			990 (450.0)	1030 (468.2)
286T		30	19.00 (483)	58.00 (1473)	59.06 (1500)	10.75 (273)	17.75 (451)	27.00 (686)	4.00 (102)	13.50 (343)	22.38 (568)	25.44 (646)	15.00 (381)	1010 (459.1)	1050 (477.3)
324T		40			59.44 (1510)						24.44 (621)			1165 (529.5)	1340 (609.1)
405TS	150/-		25.00 (635)	64.00 (1626)	66.00 (1676)	10.75 (273)	23.75 (603)	30.00 (762)	4.00 (102)	13.50 (343)	23.75 (603)	25.44 (646)	15.00 (381)	1580 (718.2)	—
444TS	200/-				67.00 (1702)						27.50 (699)			1900 (863.6)	—
445TS	250/150		25.00 (635)	70.00 (1778)	73.13 (1858)	10.75 (273)	23.75 (603)	33.00 (838)	4.00 (102)	13.50 (343)	27.50 (699)	25.44 (646)	15.00 (381)	2020 (918.2)	2575 (1170.5)
445TS	300/-				73.13 (1858)						27.50 (699)			2020 (918.2)	—
447TS	-/200		25.00 (635)	80.00 (2032)	76.63 (1946)	10.75 (273)	23.75 (603)	38.00 (965)	4.00 (102)	13.50 (343)	27.50 (699)	25.44 (646)	15.00 (381)	—	2800 (1272.7)
449TS	-/250				82.38 (2092)						27.50 (699)			—	3210 (1459.1)
449TS	-/300		25.00 (635)	80.00 (2032)	82.38 (2092)	10.75 (273)	23.75 (603)	38.00 (965)	4.00 (102)	13.50 (343)	27.50 (699)	25.44 (646)	15.00 (381)	—	3400 (1545.5)
449TS	-/300				82.38 (2092)						27.50 (699)			—	3400 (1545.5)



PERFORMANCE CURVES

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



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