

## Series 4030 End Suction Base Mounted

# 10 x 8 x 15

# SUBMITTAL

JOB: _____	REPRESENTATIVE: _____
ENGINEER: _____	ORDER NO: _____ DATE: _____
CONTRACTOR: _____	SUBMITTED BY: _____ DATE: _____
	APPROVED BY: _____ DATE: _____

PUMP DESIGN DATA	
NO. OF PUMPS:	TAG:
CAPACITY: m <sup>3</sup> /h (L/s)	HEAD: m (ft)
LIQUID:	VISCOSITY:
TEMPERATURE: °C (°F)	SPECIFIC GRAVITY:
SUCTION: 200 mm (8") Lugged	DISCHARGE: 250 mm (10") Flanged

MOTOR DESIGN DATA	
HP:	RPM:
FRAME SIZE:	ENCLOSURE:
VOLTS:	HERTZ: 50 Hz
EFFICIENCY*: <input type="checkbox"/> NEMA Premium (12.12)	<input type="checkbox"/> Other _____%

\*Fractional power & Frame 56 motors are supplied with the standard efficiency of the manufacturer.

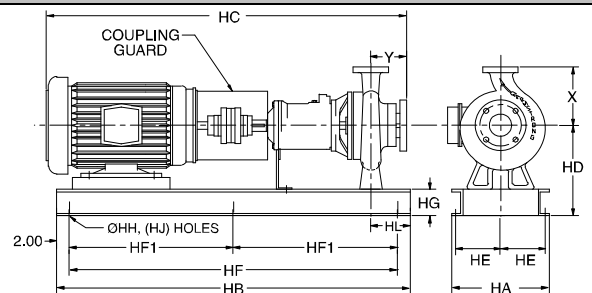
MATERIALS OF CONSTRUCTION				
ANSI FLANGE RATING	<input type="checkbox"/> ANSI 125		<input type="checkbox"/> ANSI 250	
CONSTRUCTION	<input type="checkbox"/> BF	<input type="checkbox"/> AI	<input type="checkbox"/> BF	<input type="checkbox"/> AI
IMPELLER	BRONZE	CAST IRON	BRONZE	CAST IRON
CASING	CAST IRON		DUCTILE IRON	
GASKET	CONFINED NON-ASBESTOS FIBER			
BEARING FRAME	CAST IRON			
ANTI-FRICTION BEARINGS	OIL LUBRICATED			
SHAFT	CARBON STEEL			
SHAFT SLEEVE	STAINLESS STEEL			
COUPLER	WOODS SURE FLEX OR EQUAL			
COUPLER GUARD	STEEL OSHA			
BASEPLATE	FABRICATED STEEL			
<b>MAX. PUMP OPERATING CONDITIONS</b>	12 bars at 66°C (175 psig at 150°F)		20 bars at 65°C (300 psig at 150°F)	
	10 bars at 121°C (140 psig at 250°F)		14 bars at 121°C (210 psig at 250°F)	

- TOLERANCE OF ±3 mm (±0.125") SHOULD BE USED
- FOR EXACT INSTALLATION DATA PLEASE WRITE FACTORY FOR CERTIFIED DIMENSIONS
- SEE PERFORMANCE CURVES ON PAGE 2
- PUMP EQUIPPED WITH CASING DRAIN PLUG AND 1/4" NPT SUCTION AND DISCHARGE GAUGE PORTS

MECHANICAL SEAL DESIGN DATA		
FLUID TYPE	NON-POTABLE	POTABLE (DRINKING) WATER
SEAL TYPE	2A	
ROTATING FACE	ANTIMONY LOADED CARBON	RESIN BONDED CARBON
STATIONARY SEAT	SILICON CARBIDE	
SECONDARY SEAL	VITON	EPDM
SPRING	STAINLESS STEEL	
ROTATING HARDWARE	STAINLESS STEEL	

### OPTIONAL EQUIPMENT

FOR PERFORMANCE CURVES SEE PAGE 2



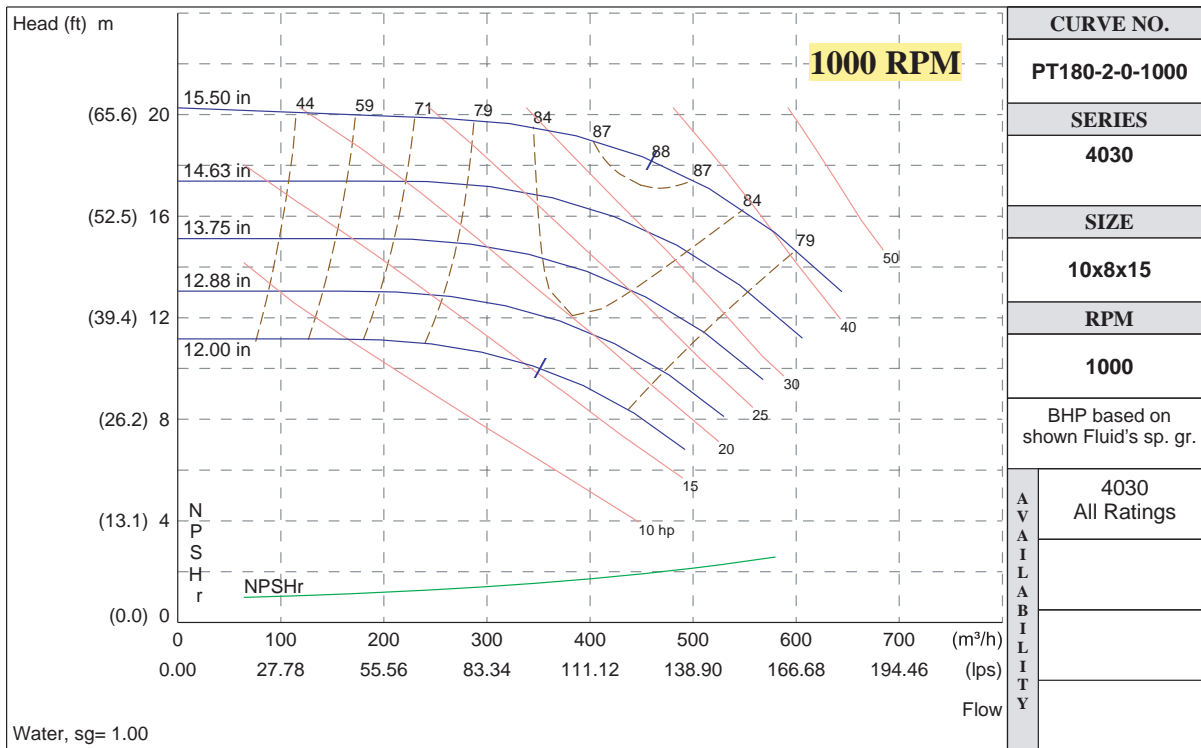
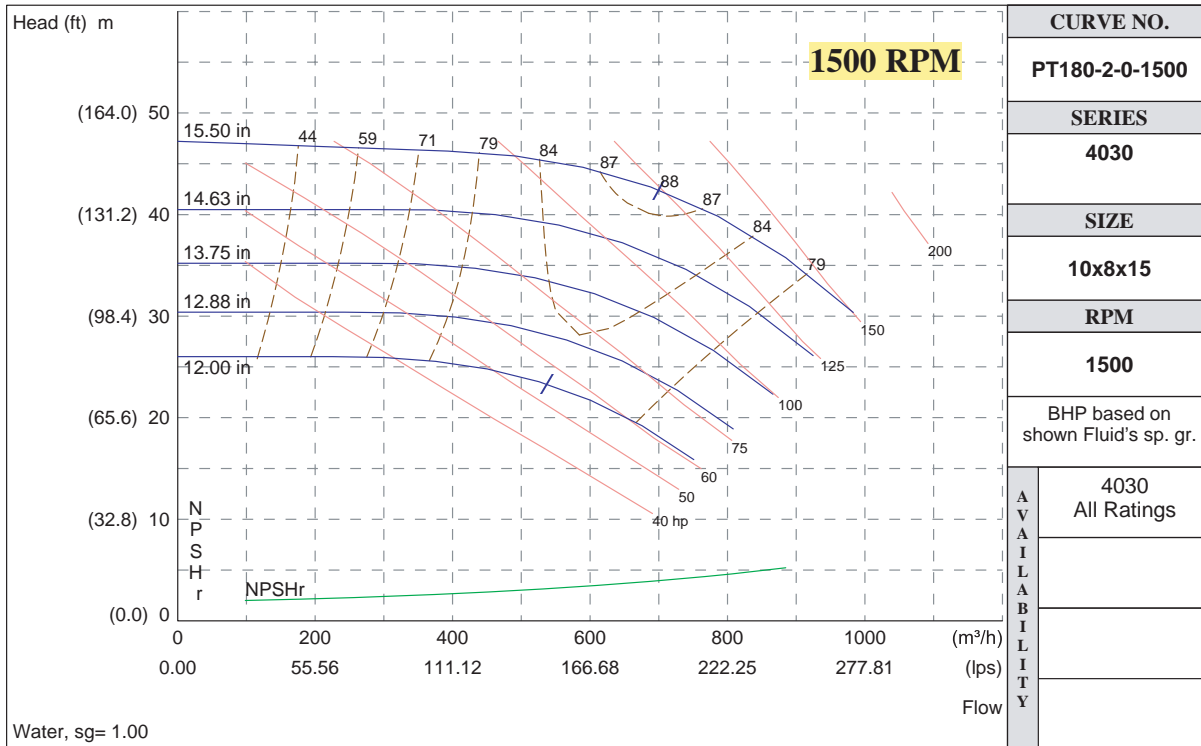
MOTOR HORSEPOWER					MAX. DIMENSIONS mm (inches)														MAX. ASSEMBLY WEIGHT*
ODP		TEFC		FRAME	HA	HB	HC	HD	HE	HF	HF1	HG	HH	HJ	HL	X	Y	kg (lbs.)	
3000	1500	3000	1500																
---	50	---	50	326T	635 (25.00)	1676 (66.00)	1470 (57.86)	470 (18.50)	302 (11.88)	1574 (62.00)	787 (31.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	783.2 (1725)	
---	60	---	60	364T	635 (25.00)	1676 (66.00)	15.28 (60.14)	470 (18.50)	302 (11.88)	1574 (62.00)	787 (31.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	835.4 (1840)	
---	75	---	75	365T	635 (25.00)	1676 (66.00)	15.28 (60.14)	470 (18.50)	302 (11.88)	1574 (62.00)	787 (31.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	889.8 (1960)	
---	100	---	---	404T	635 (25.00)	1676 (66.00)	16.59 (65.33)	470 (18.50)	302 (11.88)	1574 (62.00)	787 (31.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	839.9 (1850)	
---	125	---	100	405T	635 (25.00)	1676 (66.00)	16.59 (65.33)	470 (18.50)	302 (11.88)	1574 (62.00)	787 (31.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	1035.1 (2280)	
---	150	---	125	444T	635 (25.00)	1778 (70.00)	18.46 (72.69)	470 (18.50)	302 (11.88)	1676 (66.00)	838 (33.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	1237.2 (2725)	
---	200	---	150	445T	635 (25.00)	1778 (70.00)	18.46 (72.69)	470 (18.50)	302 (11.88)	1676 (66.00)	838 (33.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	1284.8 (2830)	
---	---	---	200	447T	635 (25.00)	2032 (80.00)	20.94 (82.43)	470 (18.50)	302 (11.88)	1930 (76.00)	965 (38.00)	102 (4.00)	19 (0.75)	6	165 (6.50)	483 (19.00)	152 (6.00)	1461.9 (3220)	

\*Assembly weight combines pump and motor.



# PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated



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