

Series 4280 End Suction Close Coupled

8 x 8 x 8

SUBMITTAL

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

PUMP DESIGN DATA			
NO. OF PUMPS:			
TAG:			
CAPACITY:	m ³ /h (L/s)	HEAD:	m (ft.)
LIQUID:	VISCOSITY:		
TEMPERATURE:	°C (°F)	SPECIFIC GRAVITY:	

MOTOR DESIGN DATA		
HP:	RPM:	
FRAME SIZE:	ENCLOSURE:	
VOLTS:	HERTZ: 50 Hz	PHASE:
FLANGE SIZE:	SUCTION - 200 mm (8")	DISCHARGE - 200 mm (8")

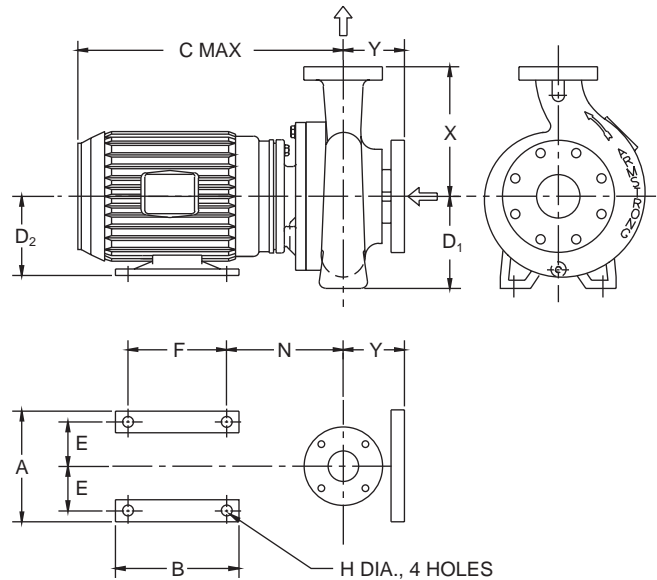
MATERIALS OF CONSTRUCTION				
ANSI FLANGE RATING	<input type="checkbox"/> 125 lb. CAST IRON	<input type="checkbox"/> 250 lb. DUCTILE IRON		
CONSTRUCTION	<input type="checkbox"/> BF	<input type="checkbox"/> AI	<input type="checkbox"/> BF	<input type="checkbox"/> AI
IMPELLER	BRONZE	CAST IRON	BRONZE	CAST IRON
CASING	CAST IRON		DUCTILE IRON	
GASKET	CONFINED NON-ASBESTOS FIBER			
ADAPTER	CAST IRON			
SHAFT	CARBON STEEL			
SHAFT SLEEVE	BRONZE			

MECHANICAL SEAL DESIGN DATA		
PUMP FLANGE RATING	<input type="checkbox"/> 125 lb. CAST IRON	<input type="checkbox"/> 250 lb. DUCTILE IRON
SEAL TYPE	21	2
STATIONARY SEAT	CERAMIC	TUNGSTEN CARBIDE
ROTATING FACE	CARBON	
SECONDARY SEAL	EPDM (Not Suitable for Use with Oil)	
SPRING	STAINLESS STEEL	
ROTATING HARDWARE	STAINLESS STEEL	

OPTIONAL EQUIPMENT
FOR PERFORMANCE CURVES SEE PAGE 2

MAXIMUM PUMP OPERATING CONDITIONS	
125 lb. CAST IRON	250 lb. DUCTILE IRON
12 bars at 66°C (175 psig at 150°F)	17 bars at 38°C (250 psig at 100°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



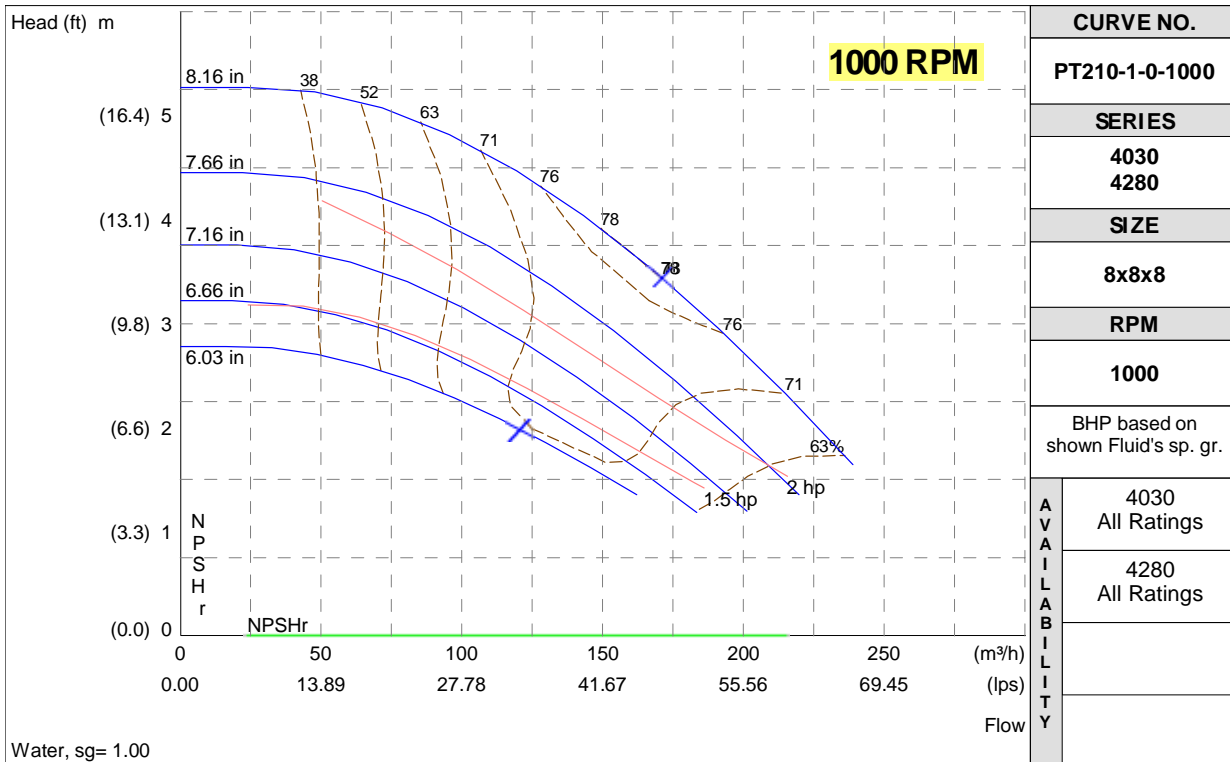
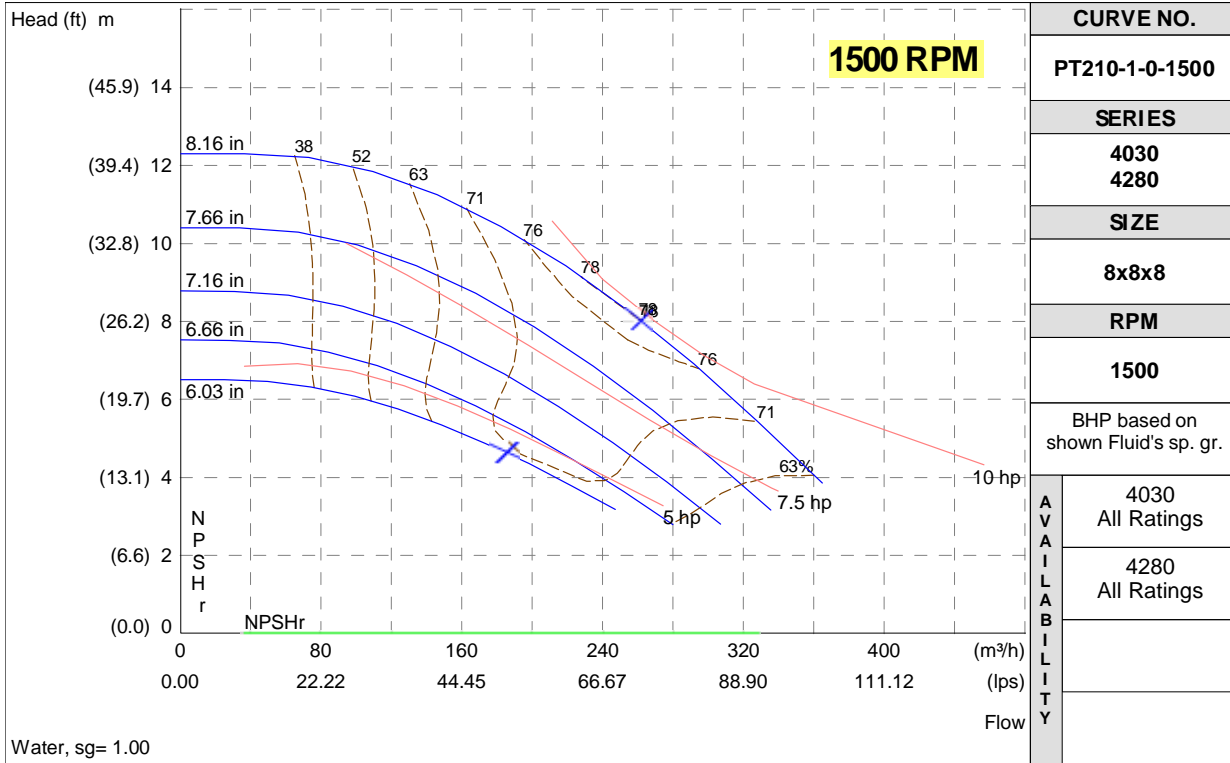
MOTOR HORSEPOWER		MAX. DIMENSIONS mm (inches)										MAX. ASSEMBLY WEIGHT*	
ODP / TEFC	FRAME	ODP / TEFC										kg (lbs.)	
		A	B	C MAX	D ₁	D ₂	E	F	N	H	X	Y	
1500													
5	184JM	229 (9.00)	165 (6.75)	559 (22.00)	279 (11.00)	114 (4.50)	95 (3.75)	140 (5.50)	264 (10.38)	10 (0.41)	406 (16.00)	178 (7.00)	174.8 (385)
7.5	213JP	241 (10.50)	203 (7.00)	778 (31.00)	279 (11.00)	133 (5.25)	108 (4.25)	140 (5.50)	389 (15.31)	10 (0.41)	406 (16.00)	178 (7.00)	195.2 (430)
10	215JP	241 (10.50)	203 (8.50)	778 (31.00)	279 (11.00)	133 (5.25)	108 (4.25)	178 (7.00)	389 (15.31)	10 (0.41)	406 (16.00)	178 (7.00)	202.0 (445)

*Assembly weight combines pump and motor.



PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated



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