

SERIES 4280 6 x 6 x 6

FILE NO.:	L42.582
DATE:	Mar. 31, 2004
SUPERSEDES:	NEW
DATE:	NEW

ARMSTRONG

CENTERLINE DISCHARGE END SUCTION MOTOR MOUNTED

SUBMITTAL

JOB _____ ENGINEER _____ CONTRACTOR _____	REPRESENTATIVE _____ ORDER NO. _____ DATE _____ SUBMITTED BY _____ DATE _____ APPROVED BY _____ DATE _____
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PUMP DESIGN DATA	
NO. OF PUMPS _____	
TAG: _____	
CAPACITY: _____	USGPM
HEAD: _____	FT.
LIQUID: _____	VISCOSITY: _____
TEMPERATURE: _____ °F	SPECIFIC GRAVITY: _____

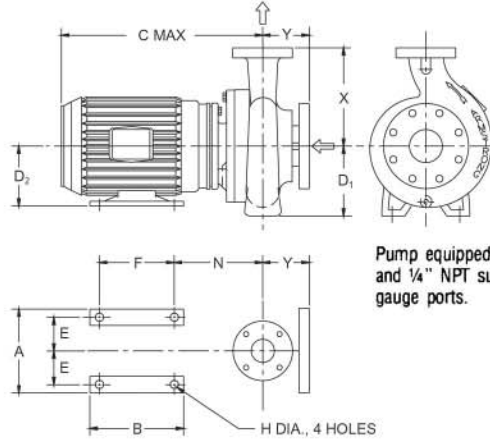
MOTOR DESIGN DATA	
HP: _____	RPM: _____
FRAME SIZE: _____	ENCLOSURE: _____
VOLTS: _____	HERTZ: 50HZ PHASE: _____
FLANGE SIZE: SUCTION - 150 mm (6"), DISCHARGE - 150 mm (6")	

MATERIALS OF CONSTRUCTION				
ANSI FLANGE RATING	<input type="checkbox"/> 125 lb. CAST IRON	<input type="checkbox"/> 250 lb. DUCTILE IRON		
CONSTRUCTION	<input type="checkbox"/> BRONZE FITTED	<input type="checkbox"/> ALL IRON	<input type="checkbox"/> BRONZE FITTED	<input type="checkbox"/> ALL IRON
IMPELLER	BRONZE	C.I.	BRONZE	C.I.
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	125 lb. CAST IRON	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	

MAXIMUM OPERATING CONDITIONS	
125 lb. CAST IRON	250 lb. DUCTILE IRON
175 PSIG AT 150°F	250 PSIG AT 100°F
140 PSIG AT 250°F	210 PSIG AT 250°F

OPTIONAL EQUIPMENT
PERFORMANCE CURVES.....SEE PG. 2



Pump equipped with casing drain plug and 1/4" NPT suction and discharge gauge ports.

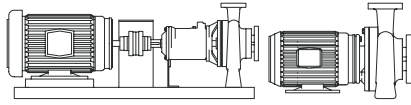
DIMENSIONAL DATA

Pump Size	Motor Frame Size	Maximum Dimensions in mm (inches)											Weight kg (lbs)
		A	B	Cmax	D1	D2	E	F	H	N	X	Y	
6x6x6	145JM	165 (6.50)	152 (6.00)	461 (18.14)	210 (8.25)	89 (3.50)	70 (2.75)	127 (5.00)	9 (0.34)	226 (8.90)	279 (11.00)	114 (4.50)	86.2 (190)
	182JM	219 (8.63)	165 (6.50)	529 (20.83)	210 (8.25)	114 (4.50)	95 (3.75)	114 (4.50)	10 (0.41)	242 (9.52)	279 (11.00)	114 (4.50)	104.3 (230)
	184JM	219 (8.63)	165 (6.50)	529 (20.83)	210 (8.25)	114 (4.50)	95 (3.75)	140 (5.50)	10 (0.41)	242 (9.52)	279 (11.00)	114 (4.50)	108.8 (240)

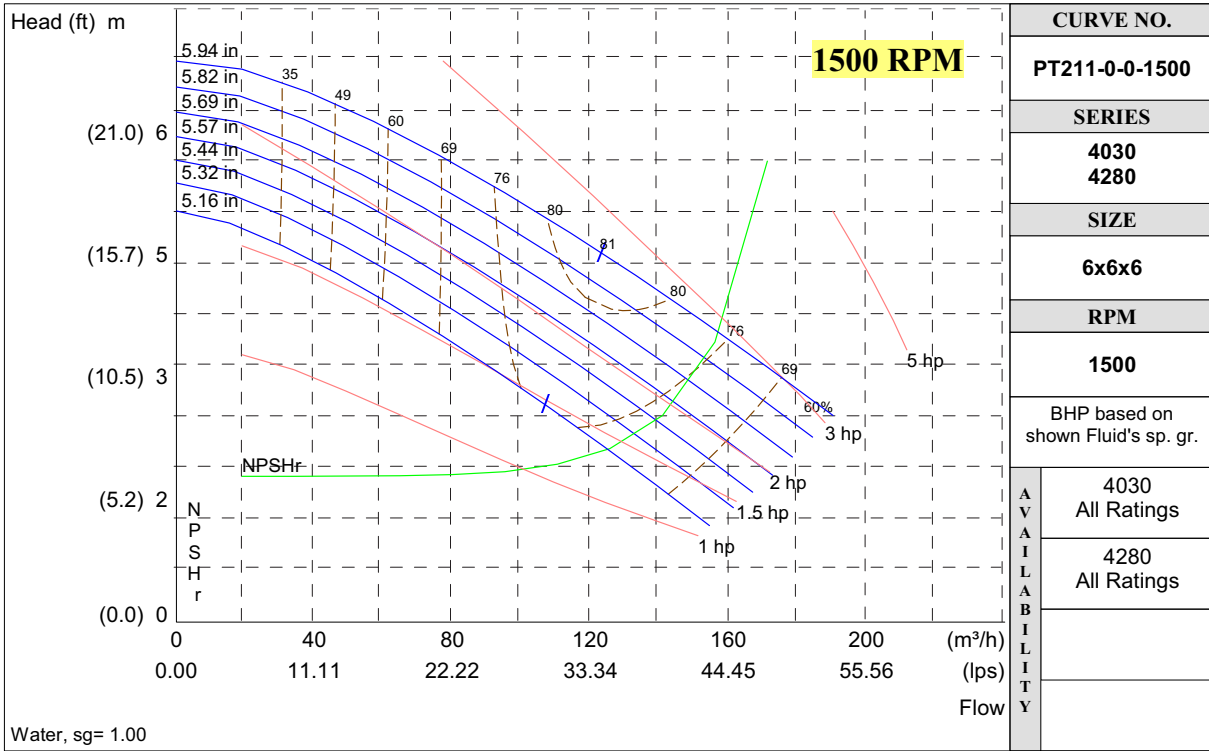
Dimensions and weights shown are for reference only. For exact installation data, contact Factory.

ARMSTRONG®

PERFORMANCE CURVES



Performance Guaranteed Only At Operating Point Indicated



CURVE NO.	PT211-0-0-1500
SERIES	4030 4280
SIZE	6x6x6
RPM	1500
BHP based on shown Fluid's sp. gr.	
AVAILABILITY	4030 All Ratings
	4280 All Ratings

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