

JOB: _____  UNIT TAG: _____ ENGINEER: _____ CONTRACTOR: _____	REPRESENTATIVE: _____  SUBMITTED BY: _____ APPROVED BY: _____  DATE: _____ DATE: _____
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## 1-1/2A

### Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

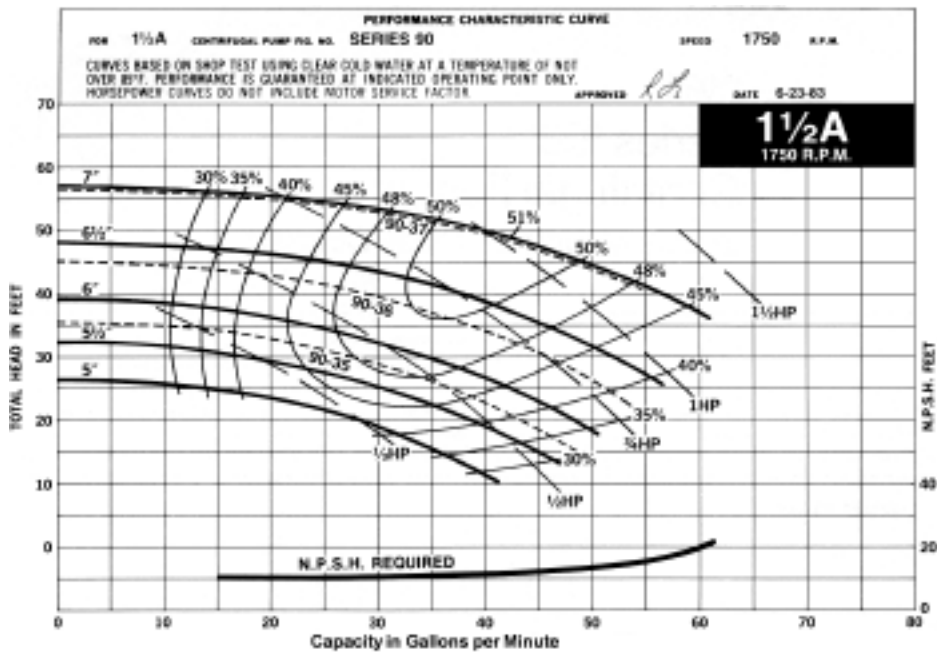
BRONZE FITTED     ALL BRONZE †  
 †Option Not Available with 3HP 1800RPM or 7-1/2 - 15HP 3600RPM ratings.

**TYPE OF SEAL**

90 Standard Seal (Buna-Carbon/Ceramic)  
 Optional Seal (EPR Carbon/Tungsten Carbide)

**MAXIMUM WORKING PRESSURE**

175 psi (12 bar) W.P.



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## 1-1/2A Series "90" Centrifugal Pumps Vertical In-Line Mounted - Close Coupled

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

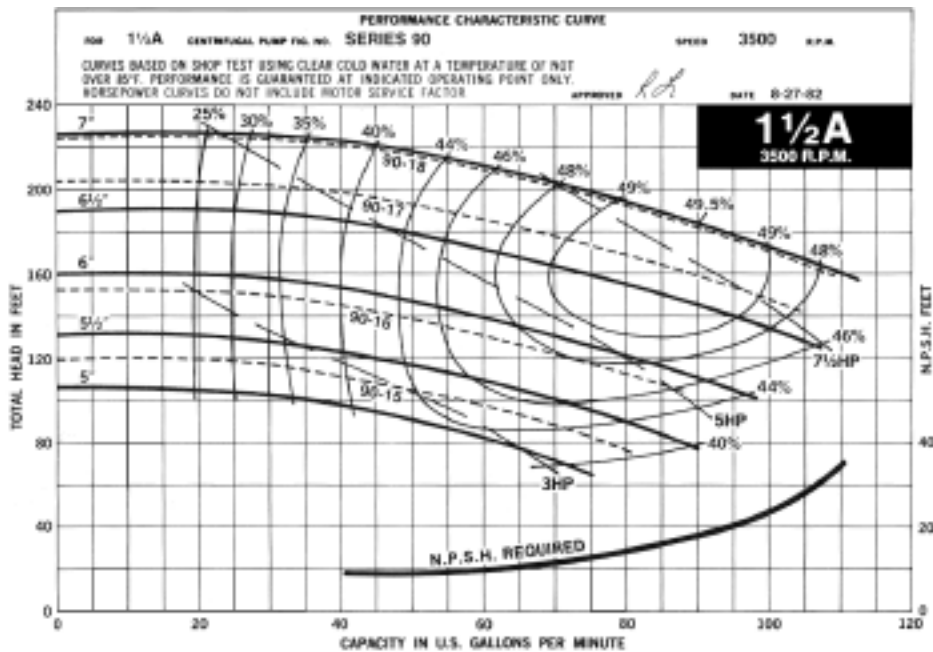
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 or 7-1/2 - 15HP 3600RPM ratings.

**TYPE OF SEAL**

90 Standard Seal  
 (Buna-Carbon/Ceramic)  
 Optional Seal  
 (EPR Carbon/Tungsten Carbide)

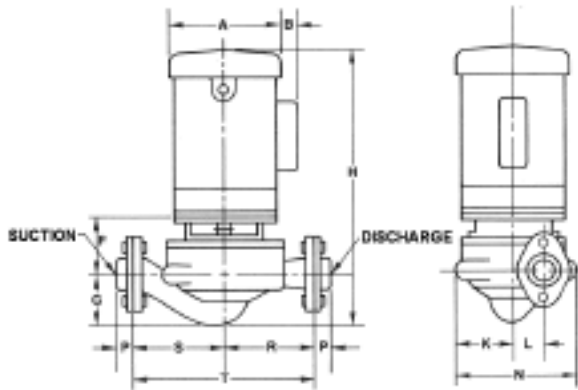
**MAXIMUM WORKING PRESSURE**

175 psi (12 bar) W.P.



# Series 90 1-1/2A Centrifugal Pump Submittal

B-141.2



Companion Flanges furnished for Suction and Discharge

PUMP SIZE	SUCTION AND DISCHARGE SIZE - INCHES NPT	MOTOR FR.	PUMP DIMENSIONS IN INCHES (MM)								
			F	G	K	L	N	P	R	S	T
1-1/2A	1-1/2	56	3-11/16 (94)	3-1/2 (89)	4-5/8 (117)	1 (25)	9-1/2 (241)	3/4 (19)	6-1/2 (165)	7 (178)	13-1/2 (343)
1-1/2A	1-1/2	184JM	4-9/16 (116)	3-1/2 (89)	4-5/8 (117)	1 (25)	9-1/2 (241)	3/4 (19)	6-1/2 (165)	7 (178)	13-1/2 (343)
1-1/2A	1-1/2	213JM	4-9/16 (116)	3-1/2 (89)	4-5/8 (117)	1 (25)	9-1/2 (241)	3/4 (19)	6-1/2 (165)	7 (178)	13-1/2 (343)

MAXIMUM WORKING PRESSURE 175PSI (12 BAR)

## DIMENSIONS - Inches (mm)

MOTOR HP		PHASE	FR. NO.	A MAX.	B	H MAX.	J
1725	3450						
1/2		1	56	7-1/2 (190)	1-1/2 (38)	16-3/4 (425)	
1/2		3	56	7-1/2 (190)		16-1/4 (413)	
3/4		1	56	7-1/2 (190)	1-1/2 (38)	17-3/4 (451)	
3/4		3	56	7-1/2 (190)		17-1/4 (438)	
1		1	56	7-1/2 (190)	1-1/2 (38)	18-1/2 (470)	
1		3	56	7-1/2 (190)		17-1/4 (438)	
1-1/2		1	56	7-1/2 (190)	1-1/2 (38)	19-3/4 (502)	
1-1/2		3	56	7-1/2 (190)		17-3/4 (451)	
	3	3	56	7-1/2 (190)		18-1/2 (470)	
	5	3	56	7-1/2 (190)		20 (508)	
	7-1/2	3	184JM	11-3/4 (298)		23-3/8 (594)	3-1/2 (89)
	10	3	213JM	14 (356)		27-3/8 (695)	4-1/8 (105)

Dimensions are subject to change. Not to be used for construction purposes unless certified.