



SERIES 1050 IN-LINE CIRCULATORS 1B & 1-1/4 B

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DATE:	Dec. 16, 1991
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SUPERSEDES:	10.925 (CAN.)
DATE:	Feb. 15, 1976

SUBMITTAL

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

PUMP DESIGN DATA			
PUMP MODEL:	FLANGE SIZE:		
NO OF PUMPS:			
NOTE:			
CAPACITY:	USgpm (l/s)	HEAD:	ft. (m)
LIQUID:	TEMPERATURE:		°F (°C)
COMPANION FLANGES:	INCLUDED:		

MOTOR DESIGN DATA		
HP:	KW:	RPM: 1750
FRAME SIZE:	ENCLOSURE:	
VOLTS:	HERTZ:	PHASE:
MAXIMUM WORKING PRESSURE:		175 PSI (1208 kPa)
MAXIMUM OPERATING TEMPERATURE:		225°F (107° C)

MATERIALS OF CONSTRUCTION		
PART NAME	BRONZE FITTED	ALL BRONZE
Pump Body	Cast Iron	Bronze
Impeller	Non-Ferrous	Non-Ferrous
Bearings	Sleeve-Oil Lubricated	Sleeve-Oil Lubricated
Shaft	Alloy Steel-Copper Sleeve	Alloy Steel-Copper Sleeve
Seal	Mechanical	Mechanical
Stationary Seal Face	ARMSEAL Ceramic	ARMSEAL Ceramic
Coupler	Flexible, Spacer Type	
Motor	1800 RPM - Resilient Mount Single Phase - 1/4 and 1/3 hp - Resilient Mount Single or Three Phase - 1/2hp - Resilient Mount Three Phase - 1/4 and 1/3 hp - Rigid Mount	

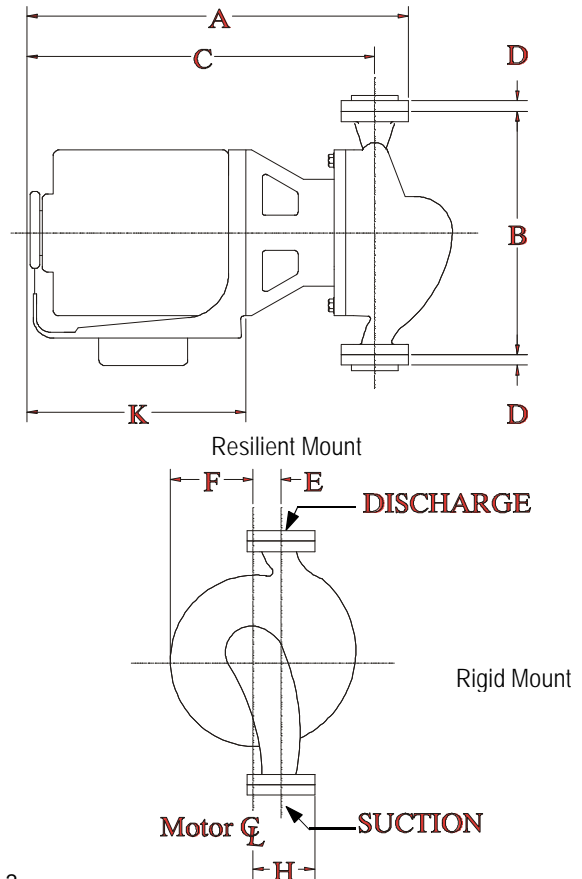
OPTIONAL EQUIPMENT

PERFORMANCE CURVES SEE BACK PAGE

PUMP AND MOTOR DATA					
PUMP SIZE	MOTOR H.P.	DIMENSIONS inches (mm)			SHPG WEIGHT lbs. (kg)
		Single Phase - Three Phase Resilient Mount			
		A	C	K	
1 B	1/4	17-1/4 (438)	13-1/2 (343)	7-3/8 (187)	48 (22)
	1/3	17-1/4 (438)	13-1/2 (343)	7-3/8 (187)	48 (22)
1-1/4 B	1/4	17-1/4 (438)	13-1/2 (343)	7-3/8 (187)	48 (22)
	1/3	17-1/4 (438)	13-1/2 (343)	7-3/8 (187)	48 (22)
	1/2	19-3/4 (502)	16 (406)	9-7/8 (251)	58 (26)

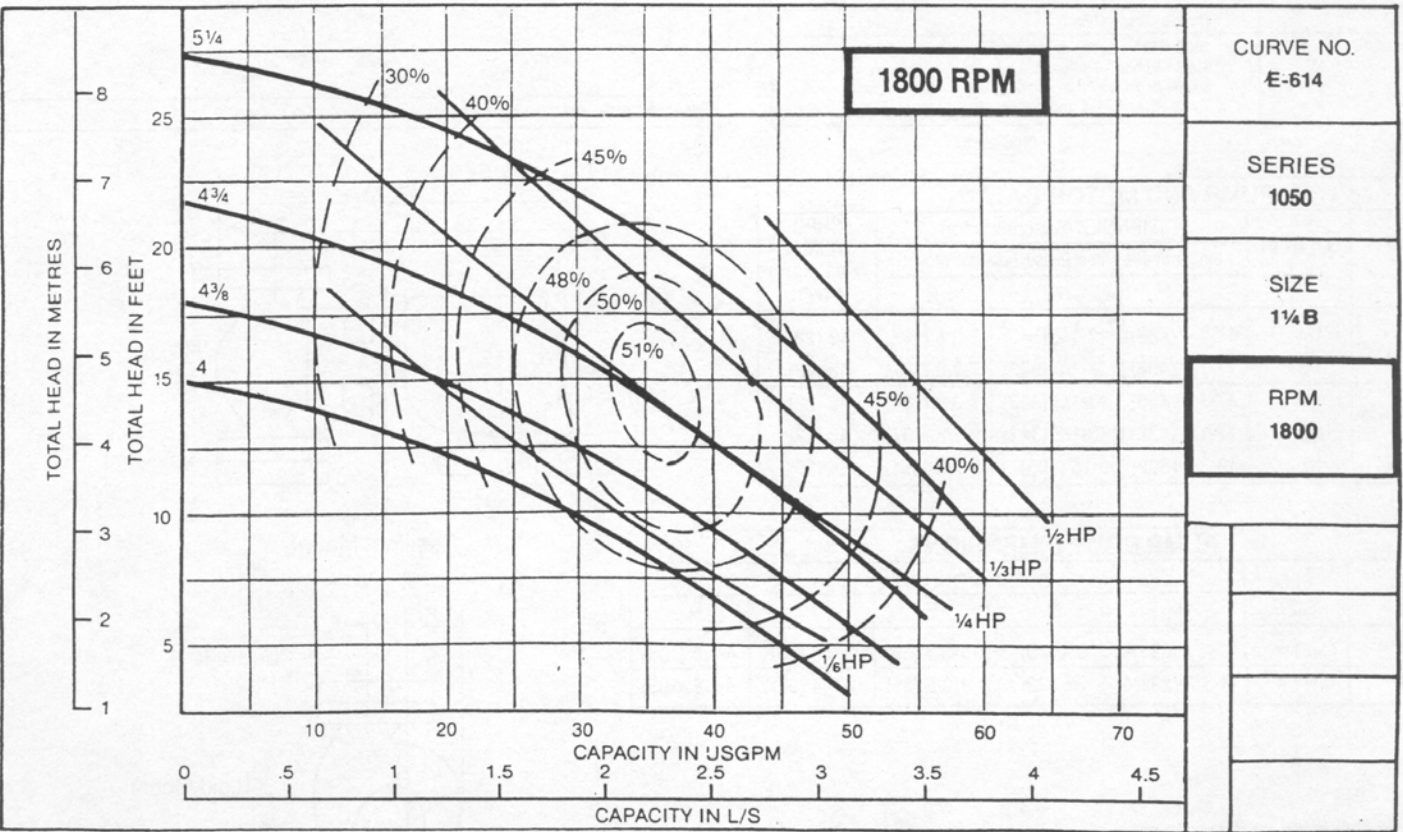
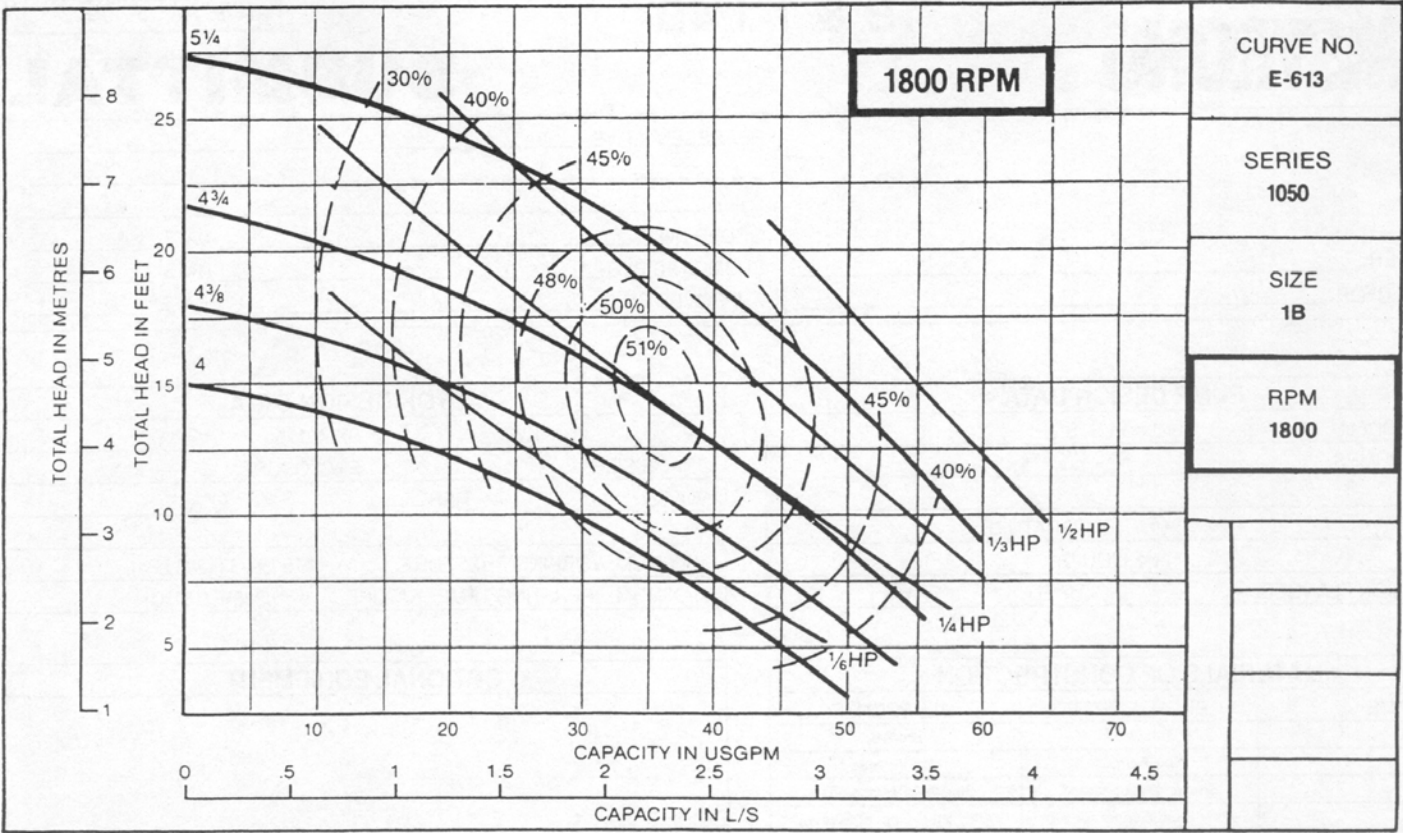
PUMP BODY DIMENSIONS						
PUMP SIZE	FLANGE SIZE	DIMENSIONS inches (mm)				
		B	D	E	F	H
1 B	1	11-1/2 (292)	3/4 (19)	1-3/8 (35)	3-3/4 (95)	4-1/8 (105)
1-1/4 B	1-1/4	11-1/2 (292)	7/8 (22)	1-3/8 (35)	3-3/4 (95)	4-1/8 (105)

- NOTES:
- Dimensions shown are for reference only.
 - Rotation viewed from motor end is clockwise.
 - Tapped openings are provided in the pump body for venting and gauge connections.



ARMSTRONG

PERFORMANCE CURVES



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