

STANDARD CIRCULATORS Series "S"

SUBMITTAL

JOB: _____ _____ ENGINEER: _____ CONTRACTOR: _____	REPRESENTATIVE: _____ _____ ORDER NO: _____ DATE: _____ SUBMITTED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____
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PUMP DESIGN DATA	
Pump Model: _____	Flange Size: _____
No. of Pumps: _____	
Note: _____	
Capacity: _____ USgpm (l/s)	Temperature: _____ °F (°C)
Head: _____ ft. (m)	Liquid: _____
Companion Flanges	Included

Maximum Working Pressure: _____	125 Psig 863 (kPa)
Maximum Operating Temperature: _____	225 °F (107 °C)

OPTIONAL EQUIPMENT	
Performance curve	See pg. 2

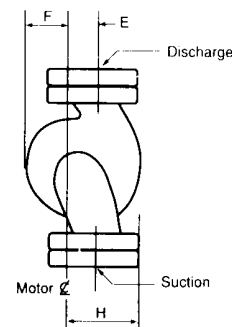
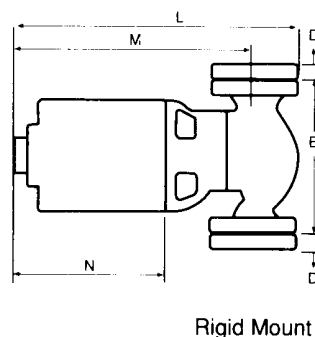
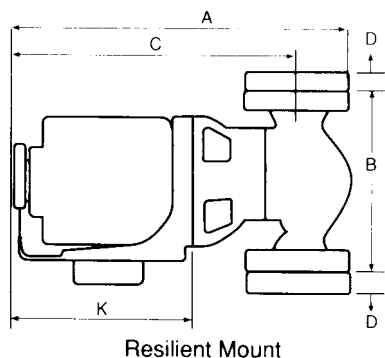
MATERIALS OF CONSTRUCTION			
PART NAME	BRONZE FITTED	ALL BRONZE	LEAD FREE BRONZE*
Pump Body	Cast Iron	Bronze	Lead free Bronze
Impeller	Non-Ferrous		
Bearings	Sleeve-Oil Lubricated		
Shaft	Alloy Steel-Copper Sleeve		
Seal	Mechanical		
Stationary Seal Face	Sintered Silicon Carbide		
Coupler	S25-S46:Flexible, 4 - Spring; S55-S69:Flexible Spacer Type		
Motor	Single Phase - 1800 RPM - Resilient Mounted Three Phase - 1800 RPM - Resilient Mounted		

* Contains less than 0.25% lead, weighted average

DIMENSIONAL DATA								
MODEL	FLANGE SIZE (N.P.T.)	MOTOR**		DIMENSIONS Inches (mm)				WEIGHT lbs (kg)
		H.P.	PHASE & VOLT	A	B	C	D	
S-25	3/4	1/12	1 Phase 115 V	13-3/4 (349)	6-1/2 (165)	11-1/2 (292)	3/4 (19)	20 (9.0)
	1						3/4 (19)	
	1-1/4						7/8 (22)	
	1-1/2						7/8 (22)	
S-35	2	1/6		15 (581)	8-1/2 (216)	12-1/2 (318)	7/8 (22)	35 (16.0)
S-45	2-1/2	1/4		15-3/4 (400)	10 (254)	12-1/2 (318)	1 (25)	51 (23.0)
	3						1 (25)	
S-46	3	1/3		15-3/4 (400)	10 (254)	12-1/2 (318)	1 (25)	51 (23.0)
S-55	3	1/2	1 Phase 115/230 V or 3 Phase 208-230/460 or 575 V	19-1/2 (495)	12 (305)	16 (406)	1 (25)	82 (37.0)
S-57	3	3/4		20 (508)	12 (305)	16-1/2 (419)	1 (25)	85 (39.0)
S-69	3	1		25 (635)	14-1/4 (362)	20 1/4 (514)	1 (25)	135 (61.0)

Dimensions shown are for reference only. For exact dimensional data, contact factory.

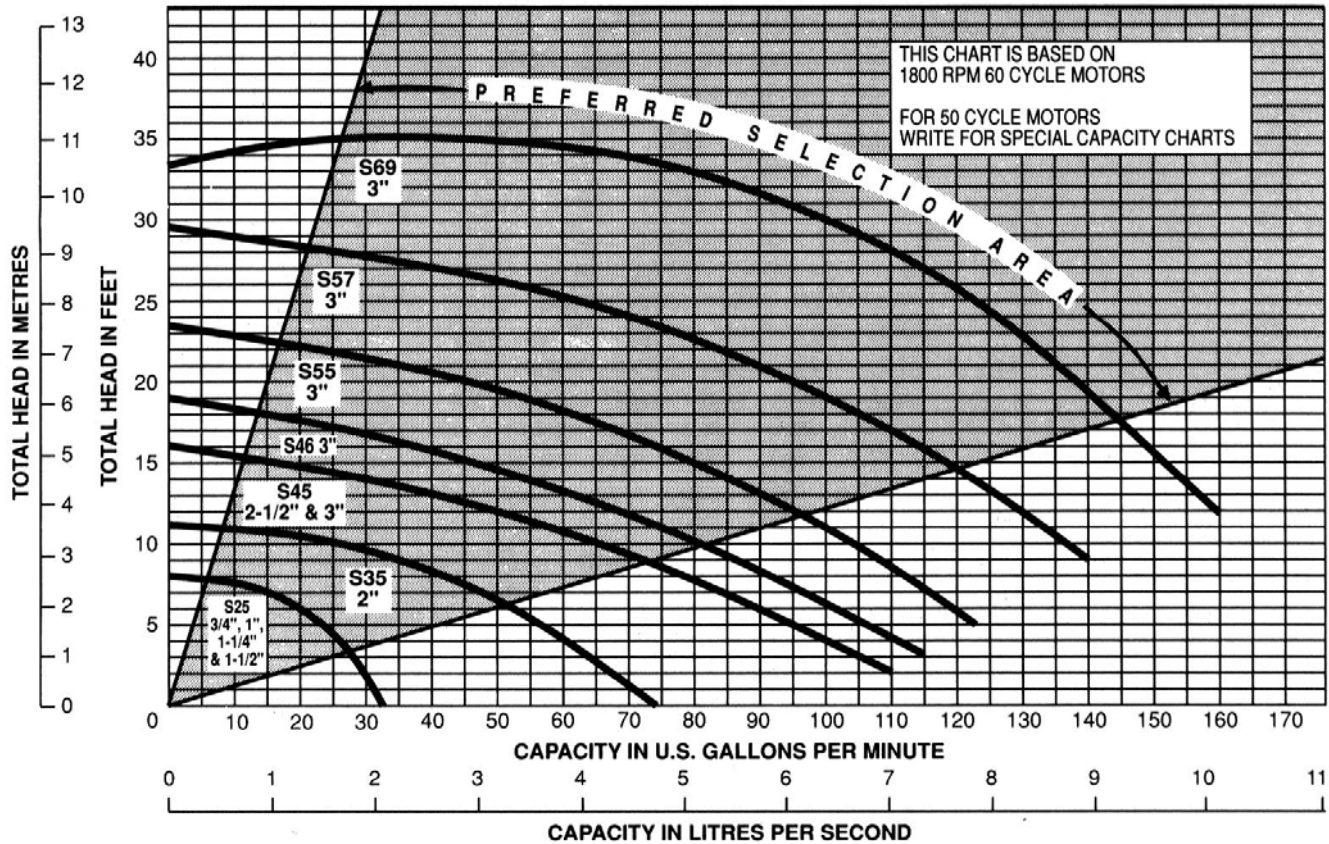
** All single phase motors are equipped with a built-in thermal overload protection. Three phase motors require external overload protection. Conduit box not supplied on 1/2 hp or greater.





PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated



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