

STANDARD CIRCULATORS Series "S"

SUBMITTAL

| | |
|-------------------|---------------------------------|
| JOB: _____ | 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) | Temperature: °F (°C) |
| Head: ft. (m) | Liquid: |
| Companion Flanges | Included |

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

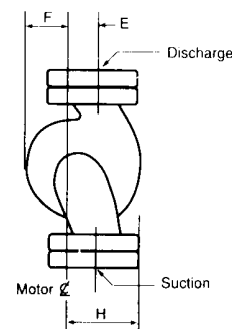
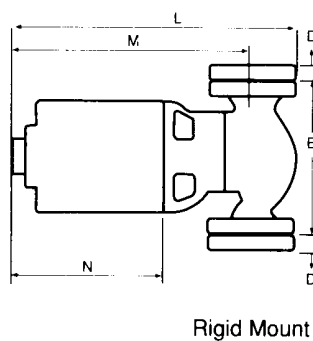
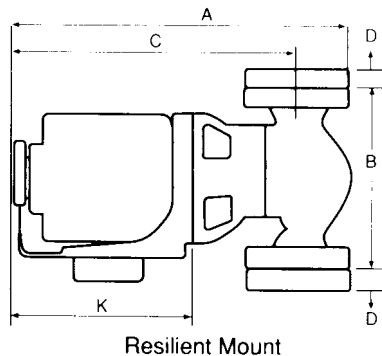
| OPTIONAL EQUIPMENT | |
|--------------------|-----------|
| Performance curve | See pg. 2 |

| MATERIALS OF CONSTRUCTION | | |
|---------------------------|---|---------------------------|
| PART NAME | BRONZE FITTED | ALL BRONZE |
| 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 | ARMSEAL Mechanical | ARMSEAL Mechanical |
| Stationary Seal Face | ARMSEAL Ceramic | ARMSEAL Ceramic |
| Coupler | S25-S46:Flexible, 4 - Spring; | |
| | S55-S69:Flexible Spacer Type | |
| Motor | Single Phase - 1800 RPM - Resilient Mounted Three Phase - 1800 RPM - Resilient Mounted | |

| 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 | 1/2 | 1 Phase 115 V | 13-3/4 (349) | 6-1/2 (165) | 11-1/2 (292) | 3/4 (19) | 20 (9) |
| | 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) |
| S-45 | 2-1/2 | 1/4 | | 19-1/2 (495) | 10 (254) | 12-1/2 (318) | 1 (25) | 51 (23) |
| | 3 | | | 15-3/4 (400) | 10 (254) | 12-1/2 (318) | 1 (25) | 51 (23) |
| S-46 | 3 | 1/3 | | 19-1/2 (495) | 12 (305) | 16 (406) | 1 (25) | 82 (37) |
| S-55 | 3 | 1/2 | 1 Phase 115/230 V or 3 Phase 208-230/460 or 575 V | 20 (508) | 12 (305) | 16-1/2 (419) | 1 (25) | 85 (39) |
| S-57 | 3 | 3/4 | | 25 (635) | 14-1/4 (362) | 20 1/4 (514) | 1 (25) | 135 (61) |
| S-69 | 3 | 1 | | | | | | |

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

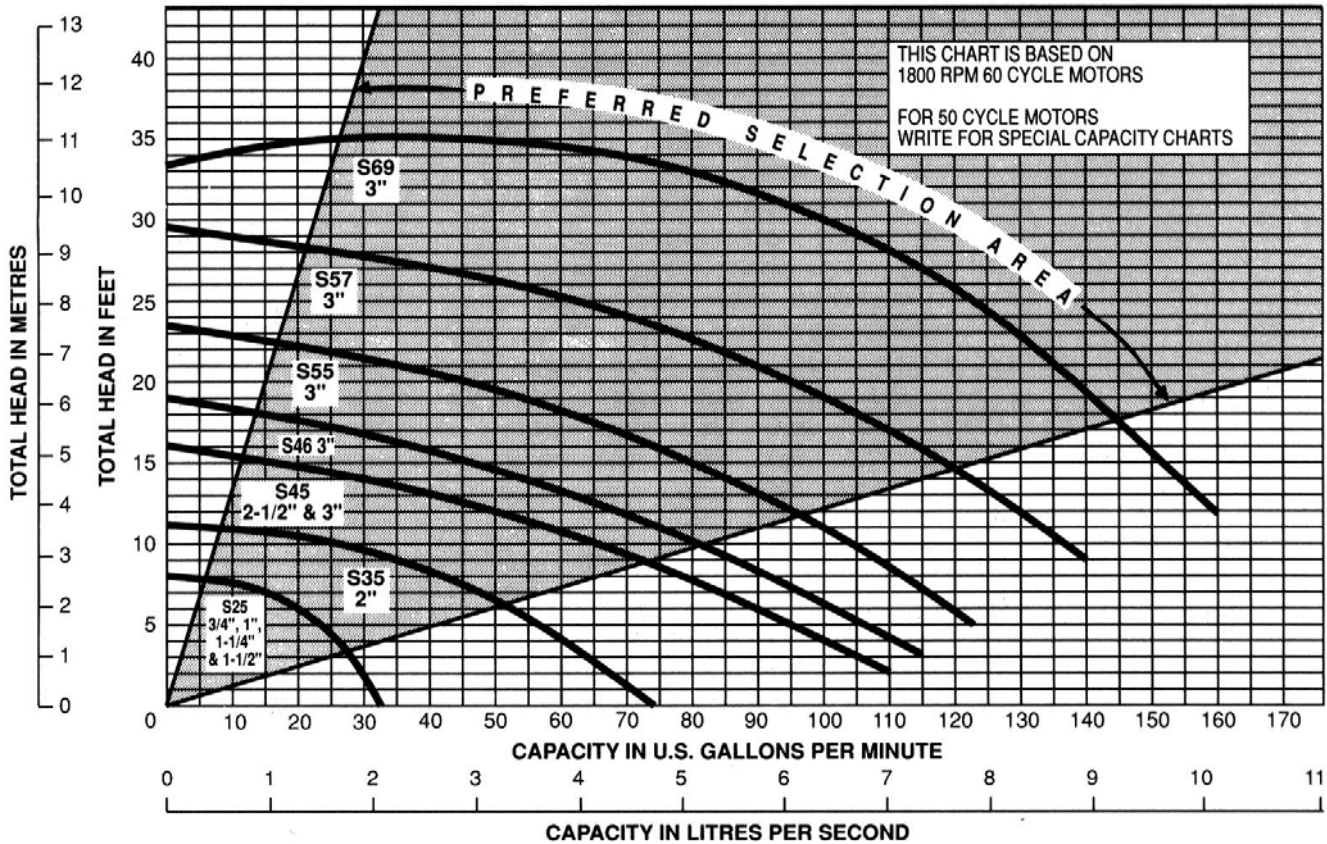
* All single phase motors are equipped with a built-in thermal overload protection. Three phase motors require external overload protection. Conduit box not supplied on 1/2 hp or greater.





PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated



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