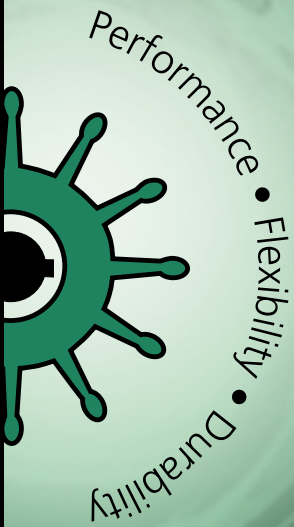


SHERTECH®

Flexible Impeller Pumps




A WICOR COMPANY
INDUSTRIAL PRODUCTS GROUP

SHERTECH®

Hypro Industrial Products Group is excited to bring you the complete flexible impeller pump line from SherTech, to provide your customers with innovative systems solutions.

Hypro Corporation's flexible impeller pumps provide an alternative positive displacement technology for a wide range of industrial, agricultural and commercial applications. Our flexible impeller technology allows for self-priming pumps with pulse-free flow and the ability to pass small particles.

Performance

Pumps are capable of flow rates up to 38 GPM and pressures up to 35 PSI, depending on the properties of the liquid.

Flexibility

Two types of construction are offered. 316 Stainless Steel or bronze meet the requirements of transferring a broad range of fluids. 316 Stainless Steel can be specified for pumping hard-to-transfer, high-temperature and/or highly corrosive liquids.

Durability

SherTech pumps are simple in construction with a minimum number of moving parts for less maintenance and longer life. Design features include mechanical seals, flush ports and a variety of impellers.

Regardless of the SherTech pump you select, our team of customer service representatives and engineers are available to provide innovative solutions to your most complex pumping problems. If you have any questions you can reach our staff at **(800) 471-0460**.



316 Stainless Steel Close Coupled Series



Model Number:
MRS9901

Features

Benefits

- * 316 Stainless Steel Excellent corrosion resistance
- * Built-in cam profile Extends impeller life
- * Standard Viton mechanical seal Allows for higher vacuum capabilities
- * Nitrile impeller Offers excellent resistance to petroleum
- * Replaceable 316 SS Teflon-coated Lengthens life of the pump wear plates
- * Concave 316 SS manifold Protects impeller from intermittent dry run
- * Close coupled to 56C frame motor Compact size/multiple motor options
- * Self-priming design Eliminates need for manual priming
- * Flexible impeller Allows for pulse-free flow with the ability to pass small particles, pump mild abrasives and move shear-sensitive or viscous fluids

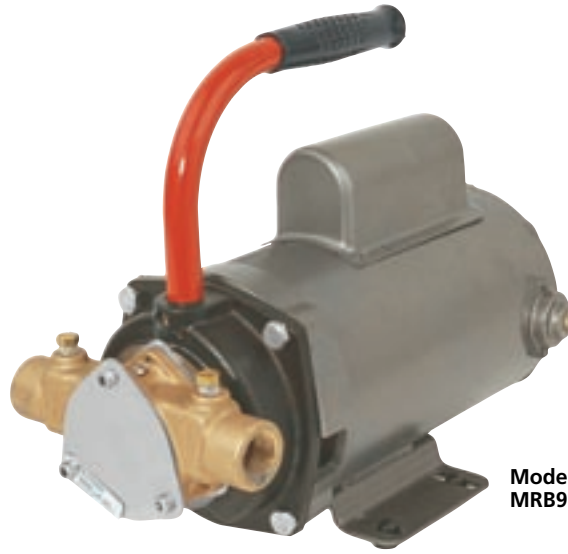
MODEL ORDERING CODES AND OPTIONS

Example Model: MRS9901

1st	2nd	3rd	4th	5th	6th
Mounting	Type	Material	Impeller Size (Ports)	Impeller Material	Motor Options
M: Motor Mount	R: Flexible (Rubber) Impeller	S: Stainless Steel	90 (¾") 99 (1") 150 (1¼")	0: Nitrile 1: Neoprene	0: Pump only 1: 1725 RPM 2: 3450 RPM

Note: Standard TEFC motor

Bronze Close Coupled Series



**Model Number:
MRB9901**

Features

Benefits

- * Corrosion-resistant, bronze-constructed body Meets a wide range of fluid compatibility
- * Counterbalanced handle assembly Ease of portability
- * Standard Nitrile lip seal and o-rings Superior sealing capabilities
- * Nitrile impeller-based fluids Offers excellent resistance to petroleum
- * Stainless steel shaft, cover, and wear plates Extends life of pump assembly
- * Close coupled to 56C frame motor Compact size/multiple motor options
- * Self-priming design Eliminates need for manual priming
- * Flexible impeller Allows for pulse-free flow with the ability to pass small particles, pump mild abrasives and move shear-sensitive or viscous fluids

MODEL ORDERING CODES AND OPTIONS

Example Model: MRB9901

(1) M (2) R (3) B (4) 99 (5) 0 (6) 1

1st	2nd	3rd	4th	5th	6th
Mounting	Type	Material	Impeller Size (Ports)	Impeller Material	Motor Options
M: Motor Mount	R: Flexible (Rubber) Impeller	B: Bronze	90 (½") 99 (¾") 150 (1")	0: Nitrile 1: Neoprene	0: Pump only 1: 1725 RPM 2: 3450 RPM

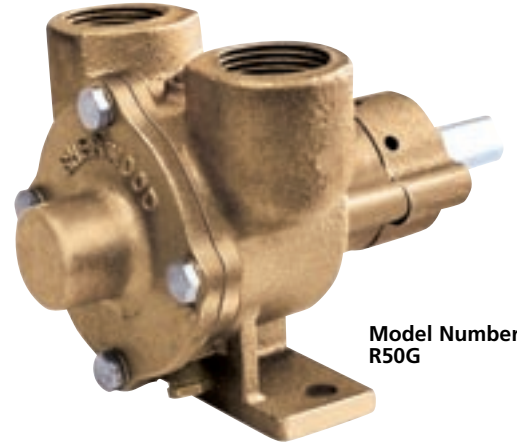
Note: Standard ODP motor

Model R Series

Features

- * Bronze body, cover Meets a wide range of fluid compatibility
- * Stainless steel shaft Extends life of pump assembly
- * Self-lubricating carbon graphite bearing Increased durability and longevity
- * Permanently sealed and lubricated shaft ball bearings Heavy-duty support for radial loads
- * Optional nitrile rubber impeller Offers excellent resistance to petroleum
- * Nitrile mechanical seal Increased life and higher vacuum capability

Benefits



Model Number: R50G

Model	Port Size	Nitrile Impeller Option
R30G	½"	R30GN
R50G	¾"	R50GN
R102	1"	R102N

Notes: Maximum speed 3600 RPM
R series pumps are all pedestal mounts for multi-speed configurations



Vac-on Switch

Features

- * Automatically shuts off electric motors on loss of vacuum Protection for unattended pumping, which increases pump life
- * Designed for temperatures up to 140° F Dependable operation
- * Operates with both AC and DC motors Multiple applications

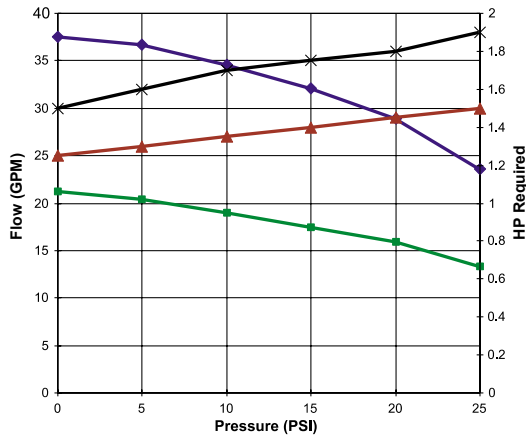
Benefits



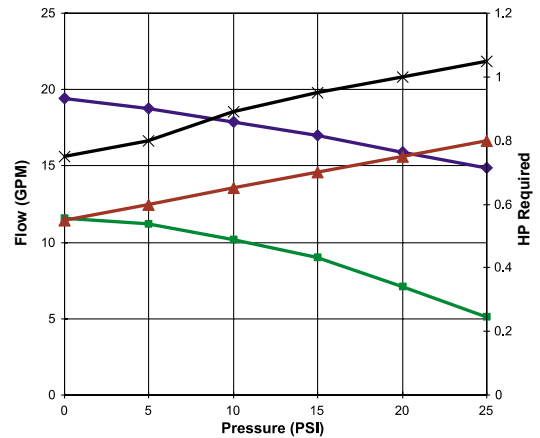
Part No.	Description	Vacuum Req.	Elastomer	Construction
13217	Vac-On switch	2½" mercury	Neoprene	Plated steel (yellow zinc dichromate)
21971	Vac-On switch	1½" mercury	Buna N	300 Series SS wetted components
18204	Vac-On switch (includes 13217 switch, wire, close brass nipple, Sta-Kon forked terminals)	2½" mercury	Neoprene	Plated steel (yellow zinc dichromate)

Bronze and Stainless Steel Performance Data

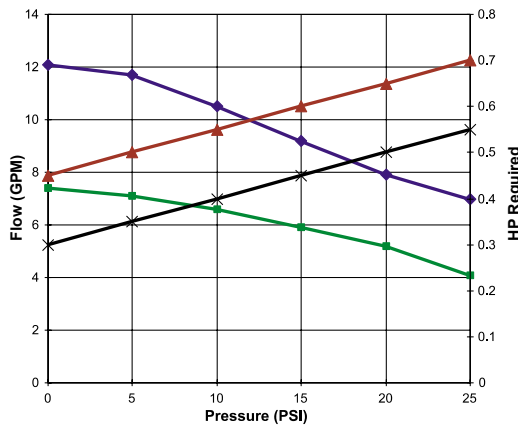
MRB15000 and MRS15000 Rubber Impeller Curves



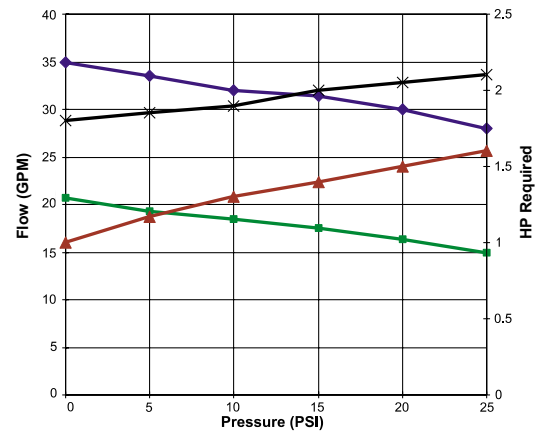
R50G, MRB9900, and MRS9900 Rubber Impeller Curves



MRB9000 and MRS9000 Rubber Impeller Curves



R102 Rubber Impeller Curve



R30G Rubber Impeller Curve

