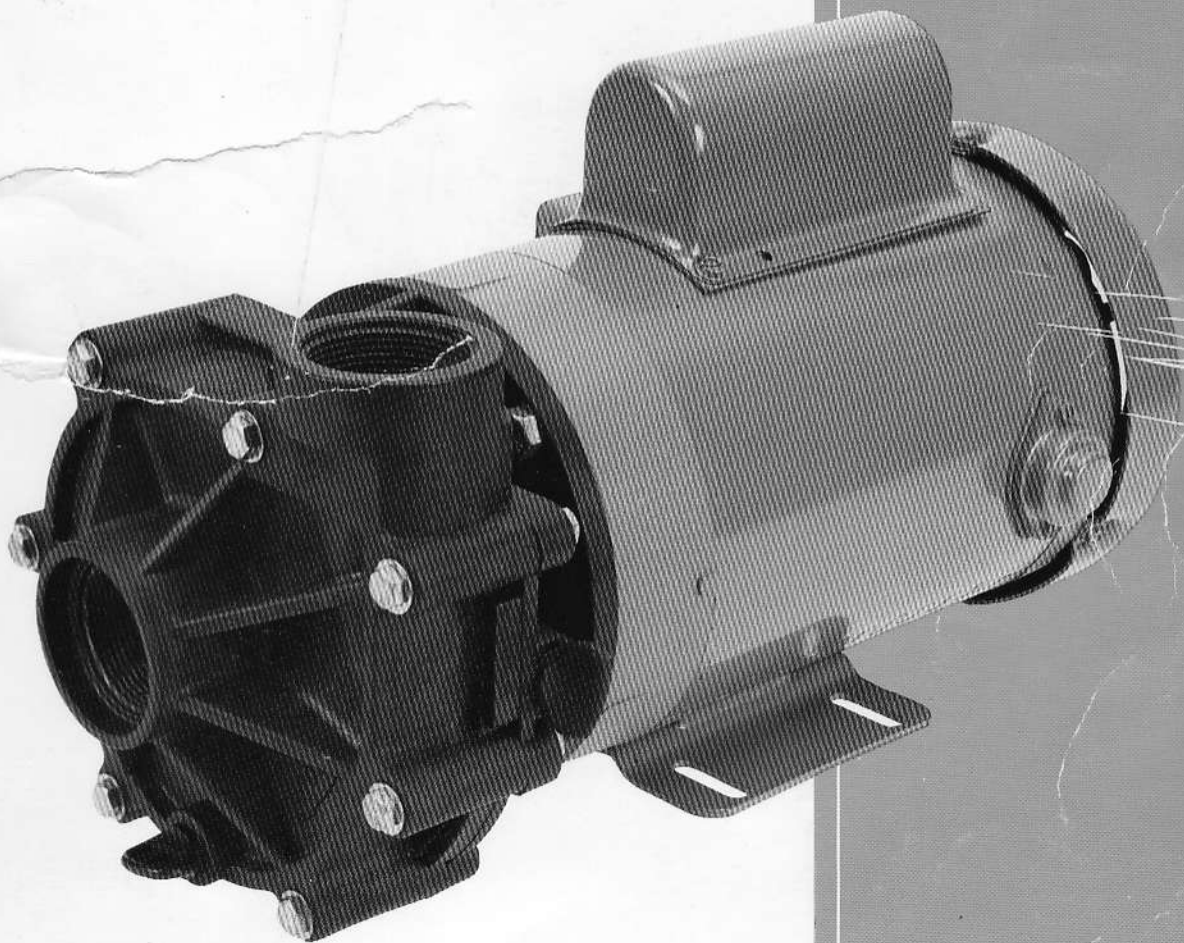


SHERWOOD

Corrosion Resistant Centrifugal Pumps



For Continuous Medium
Pressure Circulation and
Transfer of Aggressive
Liquids

Features

- Polypropylene or Noryl: Construction of either glass filled polypropylene or noryl offers a broad range of liquid compatibility, with excellent chemical resistance to most acids, alkalis and inorganics.
- Two (2) Mounting Styles: Close Coupled Motor Mounted for maximum space utilization. Pedestal Mount for use with explosion proof motors or pulley drive applications.
- Pedestal Pump: Model features a corrosion resistant coated cast iron bearing housing, double row of sealed ball bearings and Carpenter 20 stainless steel shaft.
- Self Priming Option: Threaded noryl priming chamber converts enclosed impeller models into self-priming centrifugals.
- Temperature Resistance: Continuous fluid temperature service to 194°F.
- O'Ring Sealing: Choice of Buna "N" or Viton O'Rings are offered for improved sealing.
- Impeller Design: Six (6) enclosed impellers are available for maximum efficiency.
- Horsepower Available: 1/3, 1/2, 3/4, 1, 1 1/2, 2, 3.
- Port Size: 1 1/2" x 1 1/2".
- Optional polypropylene open impellers

- Optional Non-Metallic Seal: Unique polypropylene mechanical shaft seal for liquids not compatible with stainless steel.
- Protected Drive Shaft: Internal design isolates shaft from fluid.
- Water flush seal option increases seal life with aggressive liquids.
- 5 mechanical seal options available
- Extra heavy molded body and housing capable of withstanding increased total dynamic pressure
- Polypropylene Shaft Seal Non-Corrosive Thermo-Plastic Mechanical Stationary Shaft Seal isolates all metal parts from liquid contact. Stainless Steel components are sealed in polypropylene. Unique seal guarantees reliability through simplicity and balance of design.

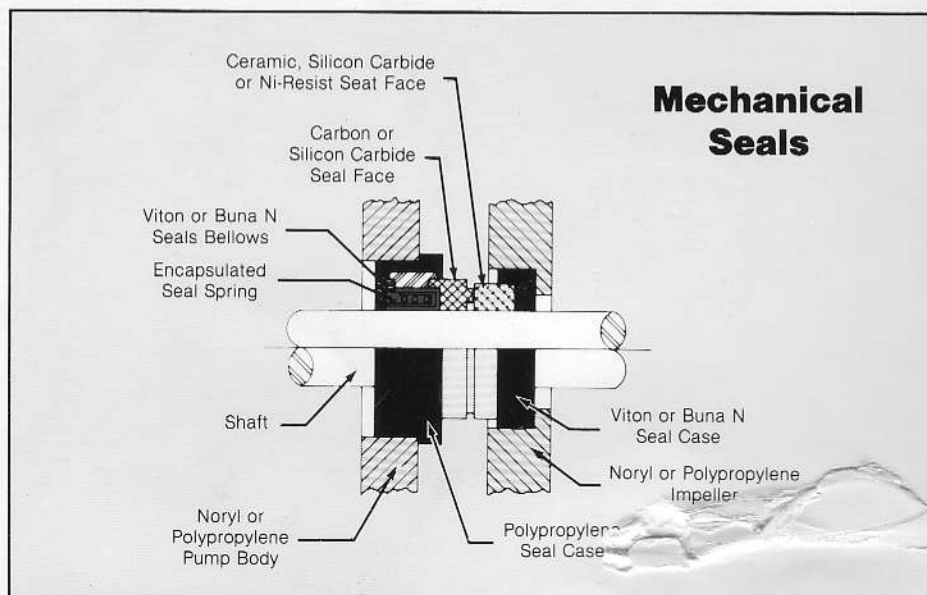
Water Flushed Seal Option

Water flushed seals are recommended for abrasive solutions, high temperature service, or when pumps may run dry or against dead head conditions.

Where conditions cause the pumped liquid to form crystals, or if the pump remains idle for a period of time without adequate flushing, the water flush seal option is advised.

The Sherwood water flush option will provide decontamination of chemicals on elastomers and seal and seat faces, while providing lubrication for start up.

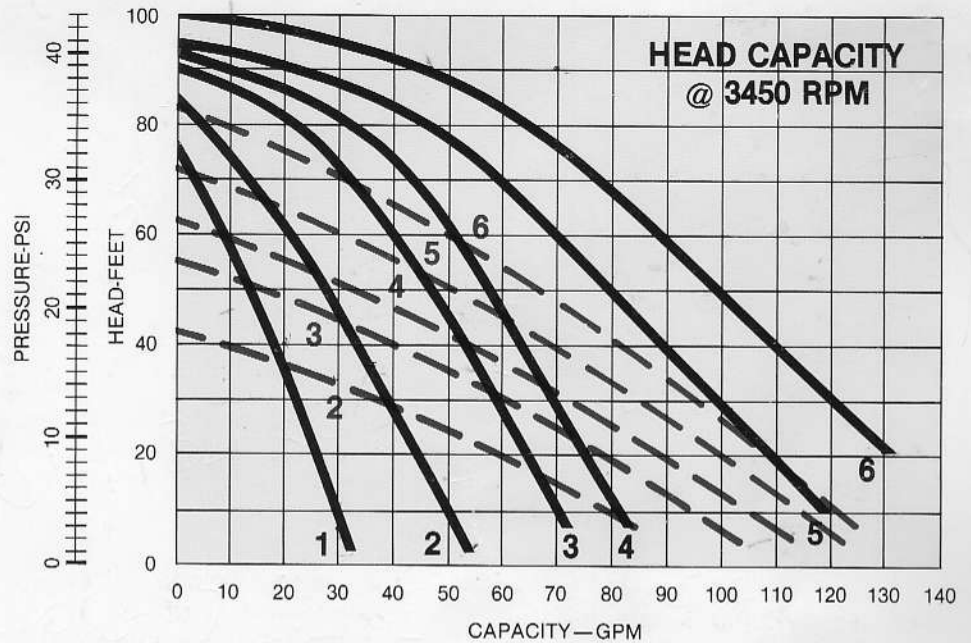
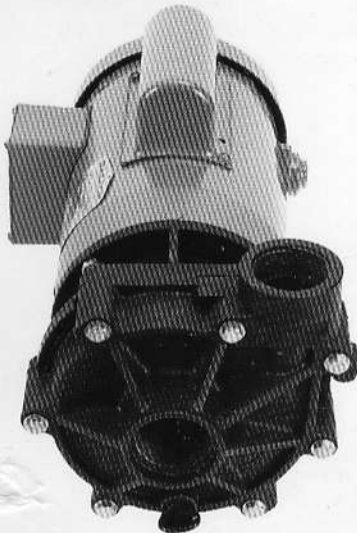
Order pump model with optional "W" suffix and Sherwood supplies the drilled, tapped and plugged port required for city water hook-up (See installation manual for further data).



Performance

Enclosed Impeller ———
Open Impeller - - - - -

Total Dynamic Head
Not To Exceed 200 Ft. Hd.

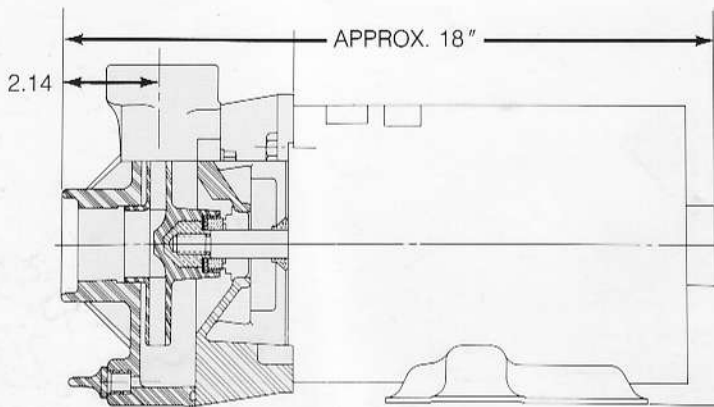
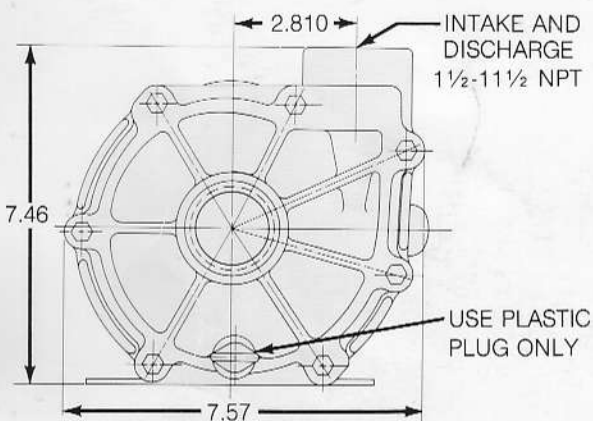
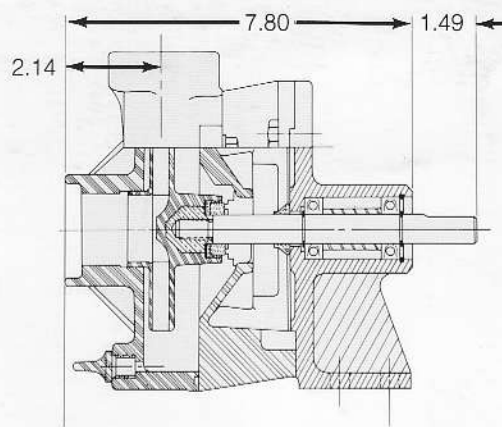
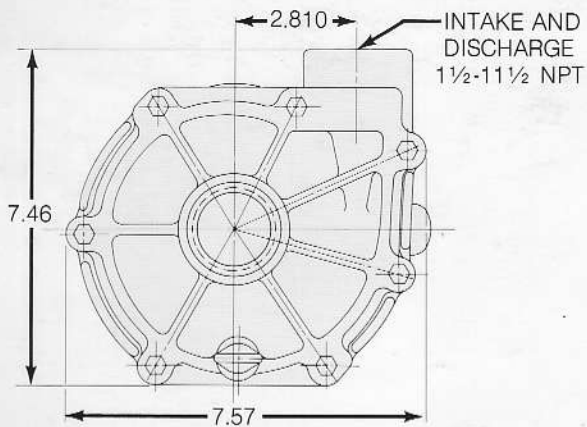


Model Ordering Code

MODEL ORDERING CODE FOR CRP PUMPS & OPTIONS							
1st	2nd	3rd	4th	5th	6th	7th	8th
Model	Mounting	Material	Seal	Impeller Size	H.P.	Motor Options	Accessories
C = Centrifugal	P = Pedestal	N = Noryl	V = Viton (Stainless Steel Case)	1	1 = 1/3 H.P.	3 = 3 Phase	V = Viton Priming Chamber
	M = Motor (Welded Base)	P = Polypropylene	B = Buna N (Stainless Steel Case)	2	2 = 1/2 H.P.	T = 1 Phase TEFC	N = Buna N Priming Chamber
	J = Jet Motor (Removable Base)		P = Viton (Polypropylene Case)	3	3 = 3/4 H.P.	3T = 3 Phase TEFC	W = Water Flushed Seals
			C = Viton (Polypropylene Case) (Silicon Carbide Seal & Seat Faces)	4	4 = 1 H.P.		O = Open Impellers (Polypropylene)
			N = Neoprene (Polypropylene Case) (Ni-Resist Seat)	5	5 = 1 1/2 H.P.		
				6	6 = 2 H.P.		
					7 = 3 H.P.*		

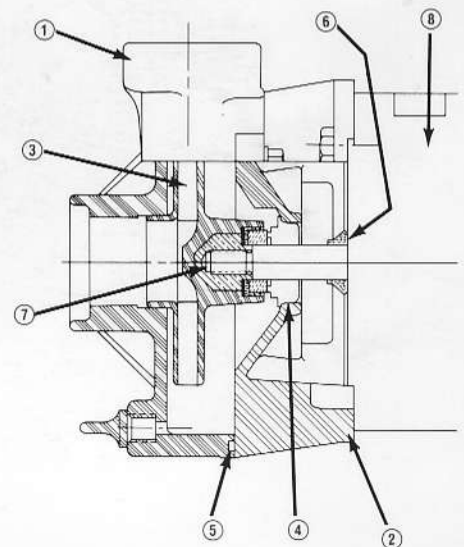
Totally enclosed and three phase motors are available upon request.
Due to service factor, it is recommended TEFC Motors are oversized by one increment.
Pedestal mounted pumps are not supplied with motor.
*Available with J mounting only.

Dimensions



Parts and Materials

1. Housing	Polypropylene or Noryl
2. Body	Polypropylene or Noryl
3. Impeller	Polypropylene or Noryl
4. Mechanical Seal	Polypropylene, Viton, Buna N, Silicon Carbide
5. O-Ring	Viton or Buna N
6. Slinger	Buna N
7. Shaft	304 Stainless (Close coupled models) Carpenter 20 (Pedestal models)
8. Motor	Nema 56J (TEFC) or O.D.P.



See installation & service manual for all service part numbers.



SHERWOOD
A DIVISION OF HYPRO CORP.

6331 E. JEFFERSON AVENUE DETROIT, MICHIGAN 48207 • (313) 259-2095
FAX# (313) 259-8397 • TELEX# 4979376

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