



WEMCO[®] Self-Primer[™]

WEIR SPECIALTY PUMPS

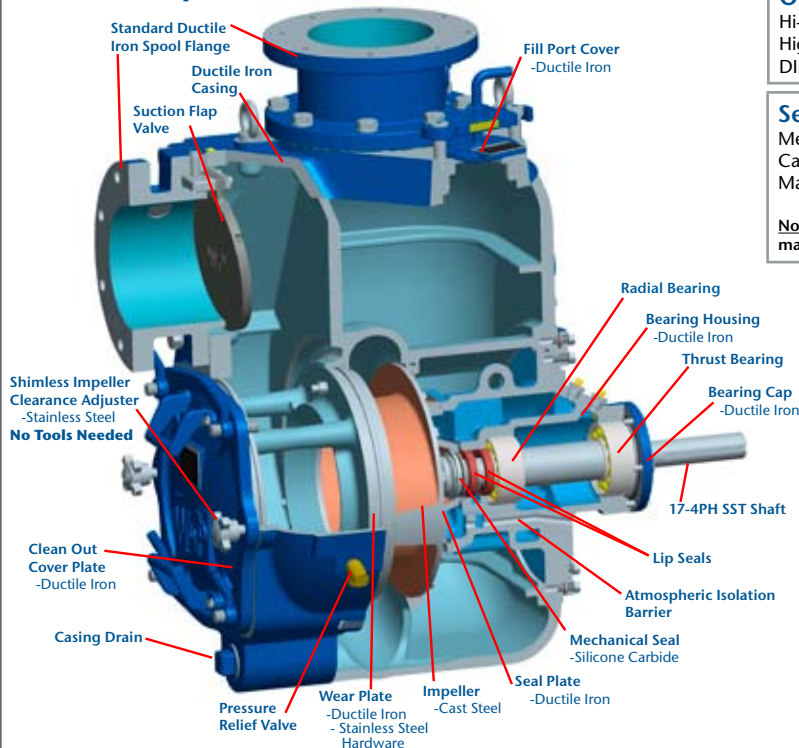
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Patent Pending

| Pump Size | 8" x 8" • 200 mm x 200 mm ANSI/DIN |
|---------------------------------|---|
| Pump Casing | Ductile Iron |
| Operating Pressure | Maximum 120 psi (797 kPa) |
| Impeller | Open type, two vane Material - cast steel Pumps 3" (76.2 mm) solids |
| Impeller Shaft | 17-4PH SST |
| Wear Plate, Replaceable | Ductile iron |
| Cover Plate | Removable/adjustable ductile iron 30 |
| Flap Valve | Neoprene with steel reinforcing ring |
| Bearing Housing | Ductile iron |
| Seal Plate | Ductile iron |
| Shaft Sleeve | 17-4PH SST |
| Radial Bearing | Open single ball |
| Thrust Bearing | Open double ball |
| Bearing/Seal Cavity Lubrication | SAE No. 30 oil |
| Flanges | 125# Ductile iron ANSI or DIN |
| Gaskets | Buna-N, compressed synthetic fibers, vegetable fiber, PTFE, cork, and rubber |
| O-Rings | Buna-N |
| Hardware | Plated steel/Grade 8/SST |
| Pressure Release Valve | Brass |
| Oil Level Sight Gauges | Bearing and seal cavity |

WEMCO[®] Self-Primer[™] Pump Details



Optional Equipment and Materials

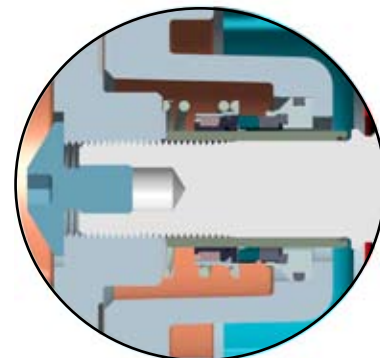
Hi-Chrome, CD4MCu. Automatic air release valve, 120V/240V casing heater. High pump temperature shutdown kit, moisture probe, gauge kit, NPT & DIN standard suction and discharge flanges. Other elastomers available.

Seal Specifications

Mechanical oil-lubricated, double floating, self-aligning seal. Silicone Carbide rotation and stationary faces. Stainless steel metal components. Maximum temperature of liquid pumped 180°F/83°C.

Note: Consult factory for applications exceeding maximum pressure and/or temperature indicated.

Seal Detail View



No Tools Required For Clearance Adjustment!

Pump Specification: WSP8A



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| | |
|-----------------|--|
| Pump Size | 8"x8" • 200mm x200mm |
| Net Weight | 1300 lbs./590 KG |
| Shipping Weight | 1400 lbs./635 KG |
| Export Crate | 48 Ft ³ /1.4 M ³ |

