



WEMCO[®] Self-Primer™

WEIR SPECIALTY PUMPS

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Patent Pending

Weir Self-Primer Pump Details

| Pump Size | 10" x 10" • 250 mm x 250 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 | Front: Hi Chrome (minimum 600 Brinnell) Rear: Hardened Steel (minimum 400 brinnell) |
| Clean-out | Removable - Ductile Iron |
| Flap Valve | Neoprene with steel reinforcing ring |
| Bearing Housing | Ductile Iron |
| Seal Plate | Hi Chrome (minimum 600 Brinnell) |
| Shaft Sleeve | 17-4PH SST |
| Radial Bearing | Open single ball |
| Thrust Bearing | Open double ball |
| Bearing/Seal Cavity Lubrication | SAE No. 30 oil |
| Suction Flange | 125# Ductile Iron ANSI or DIN |
| Gaskets | Buna-N, compressed synthetic fibers, vegetable fiber, PTFE, cork, and rubber |
| O-Rings | Buna-N |
| Hardware | Steel Grade 5/316SST |

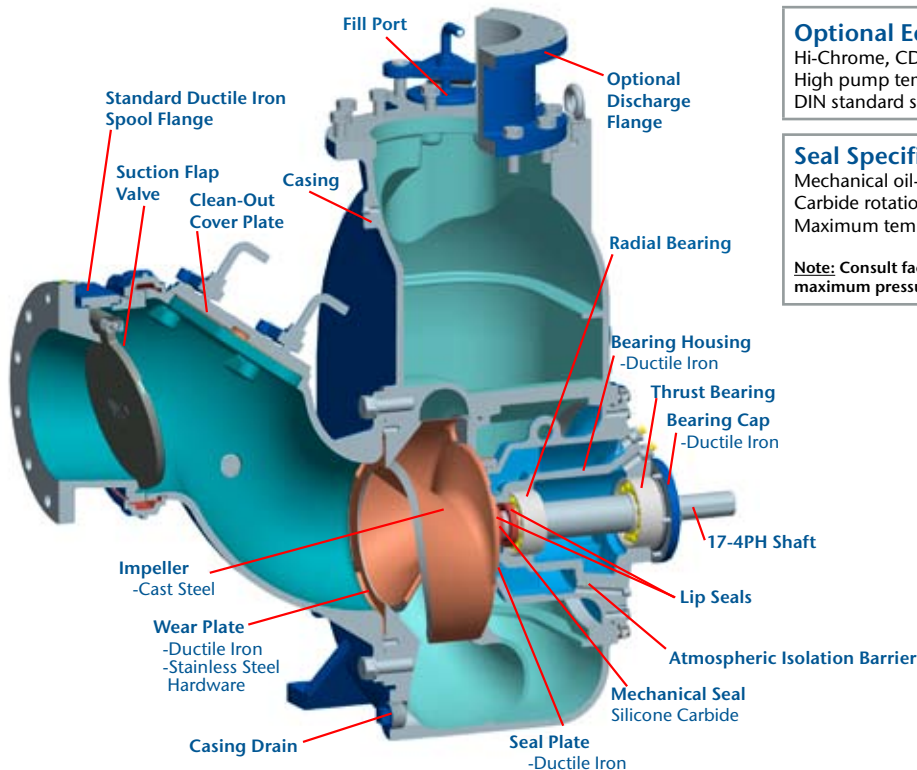
Optional Equipment and Materials

Hi-Chrome, CD4MCU. Automatic air release valve, 120V/240V casing heater. High pump temperature shutdown kit, moisture probe, guage kit, NPT & DIN standard suction and discharge flanges. Other elastomers available.

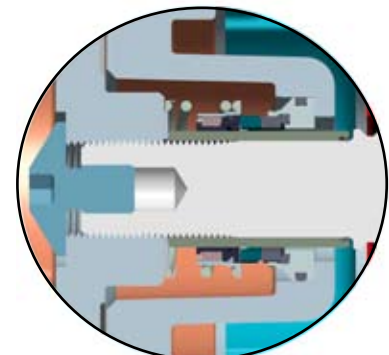
Seal Specifications

Mechanical oil-lubricated, double floating, self-aligning seal. Silicon 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: WSP10A



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| | |
|-----------------|---|
| Pump Size | 10"x10"/254 mm x254 mm |
| Net Weight | 1600 lbs./726 KG. |
| Shipping Weight | 1660 lbs./753 KG |
| Export Crate | 53 Ft ³ / 1.5 M ³ |

