

WEMCO SELF PRIMER

Solids Handling Self Primer Pumps

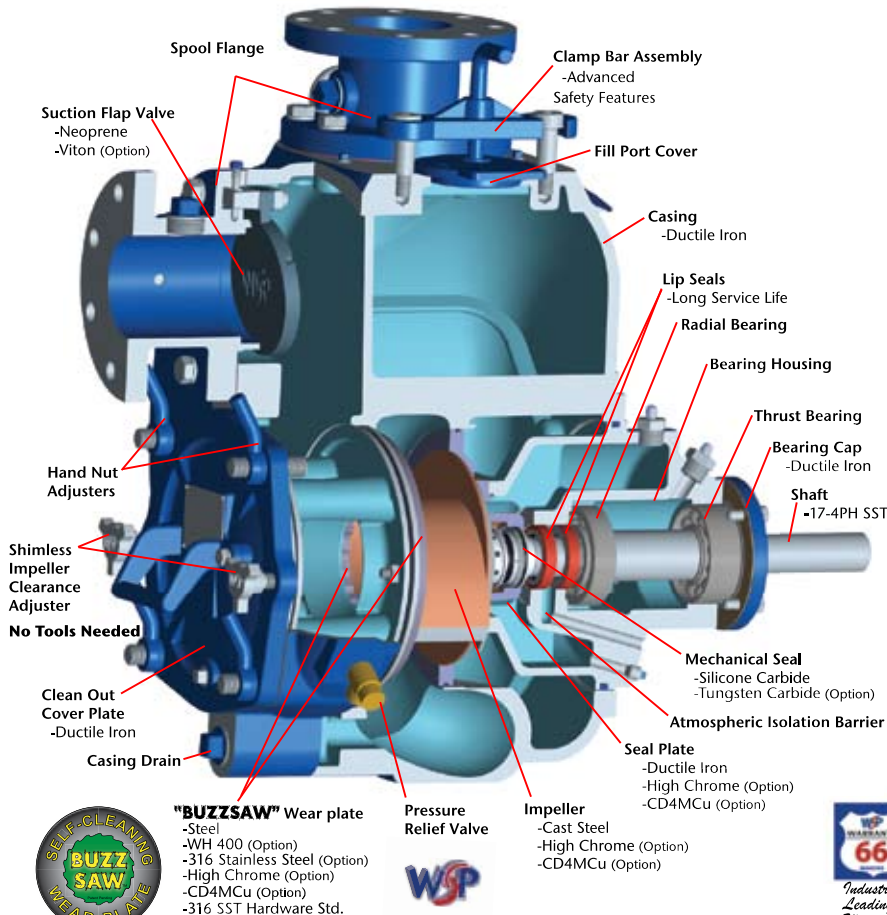
3" Pump WSP3A

No Tools Required For Clearance Adjustment

Excellent
Power & Industrial
Solutions



Patent Pending



Pump Size	3"x3" • 75 mm x75 mm ANSI/DIN
Pump Casing	Ductile Iron
Operating Pressure	Maximum 120 psi (797 kPa)
Impeller	Open type, two vane. Material - cast steel Pumps 2.5" (63.5 mm) solids
Impeller Shaft	17-4PH SST
Wear Plate, Replaceable	Hardened steel
Cover Plate	Removable/Adjustable Ductile Iron
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 single 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
Net Weight	490 lbs./222 KG
Shipping Weight	545 lbs./250 KG
Export Crate	25 Ft ³ /0.7 M ³

Optional Equipment and Materials

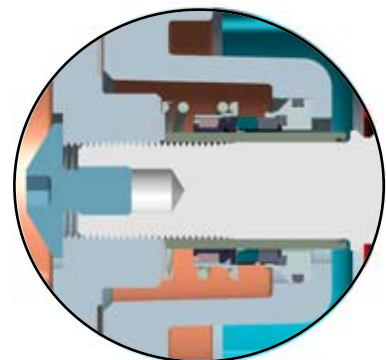
Hi-Chrome, CD4MCu. Automatic air release valve, 120V/240V casing heater. High pump temperature shutdown kit, moisture probe, gauge kit, NPT & DIN standard suction and discharge flanges. Other elastomers available.

Seal Specifications

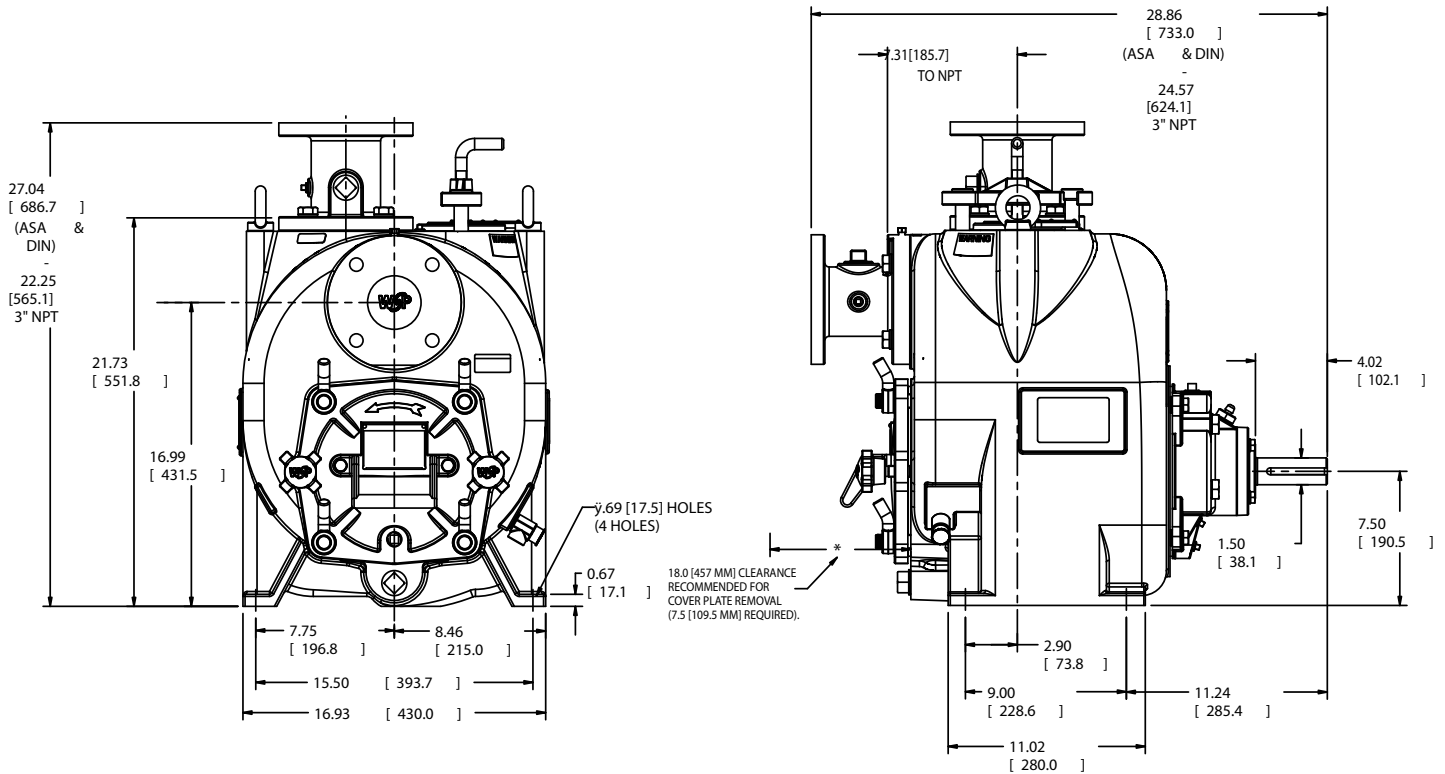
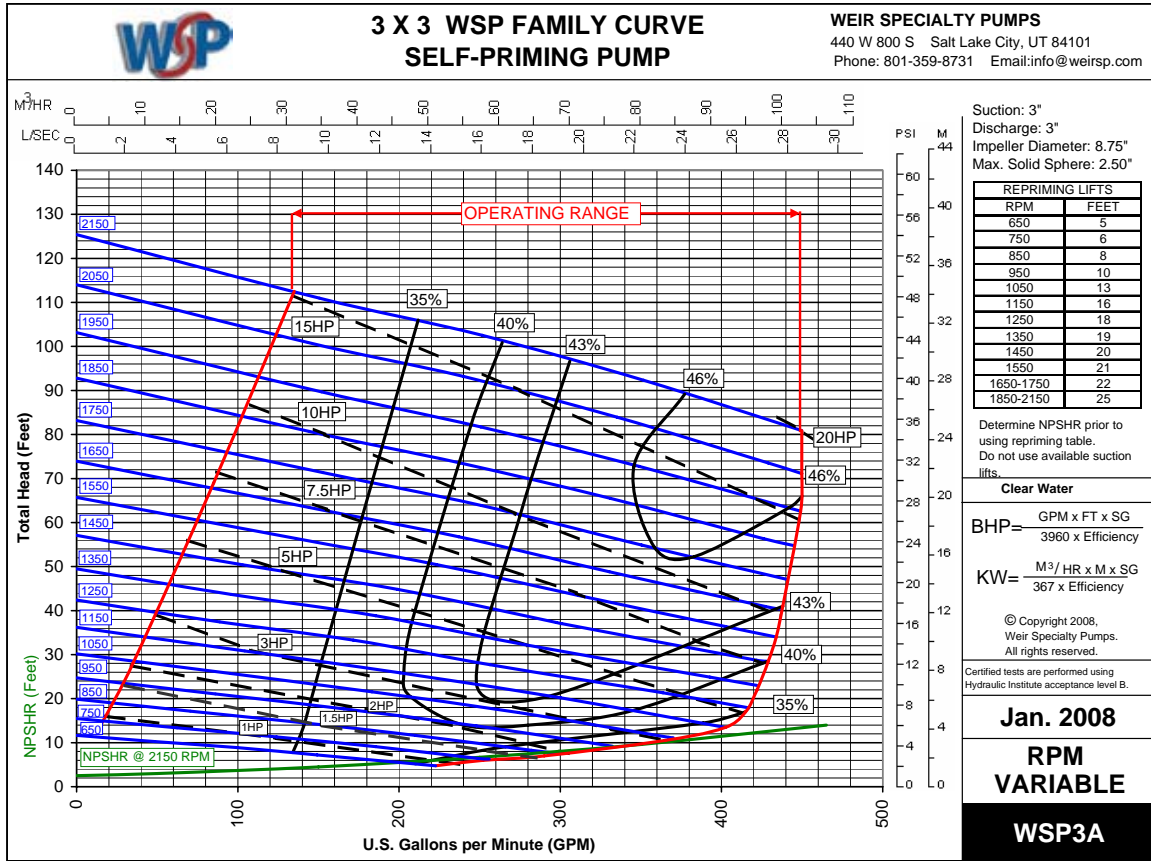
Mechanical oil-lubricated, double floating, self-aligning seal. Silicone carbide rotation and stationary faces. Stainless steel metal components. Maximum temperature of liquid pumped 180°F/83°C.

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

Seal Detail View



WSP3A • Size: 3"x3" 75 x75 mm



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