

WEMCO SELF PRIMER

Solids Handling Self Primer Pumps

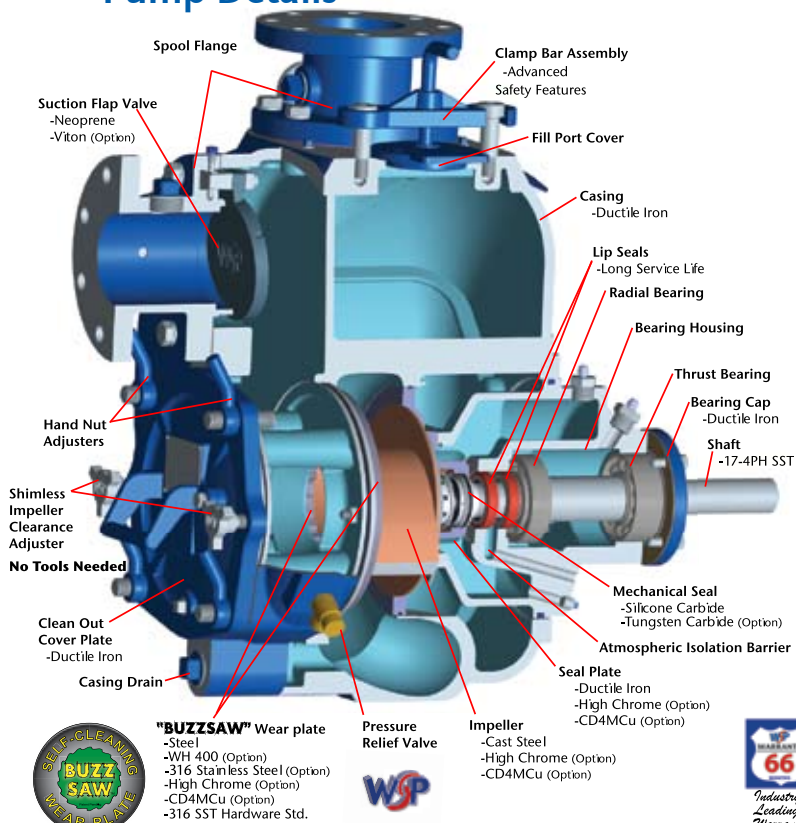
4" Pump - WSP4A

No Tools Required For Clearance Adjustment

Excellent
Power & Industrial
Solutions



WEMCO® Self-Primer™ Pump Details



Pump Size	4"x4" • 100 mm x 100 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	Hardened steel
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 - Teflon coated
Hardware	Plated steel/grade 8/SST
Pressure Release Valve	Brass
Oil Level Sight Gauges	Bearing and seal cavity
Net Weight	625 lbs./283 KG
Shipping Weight	675 lbs./305 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

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4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX

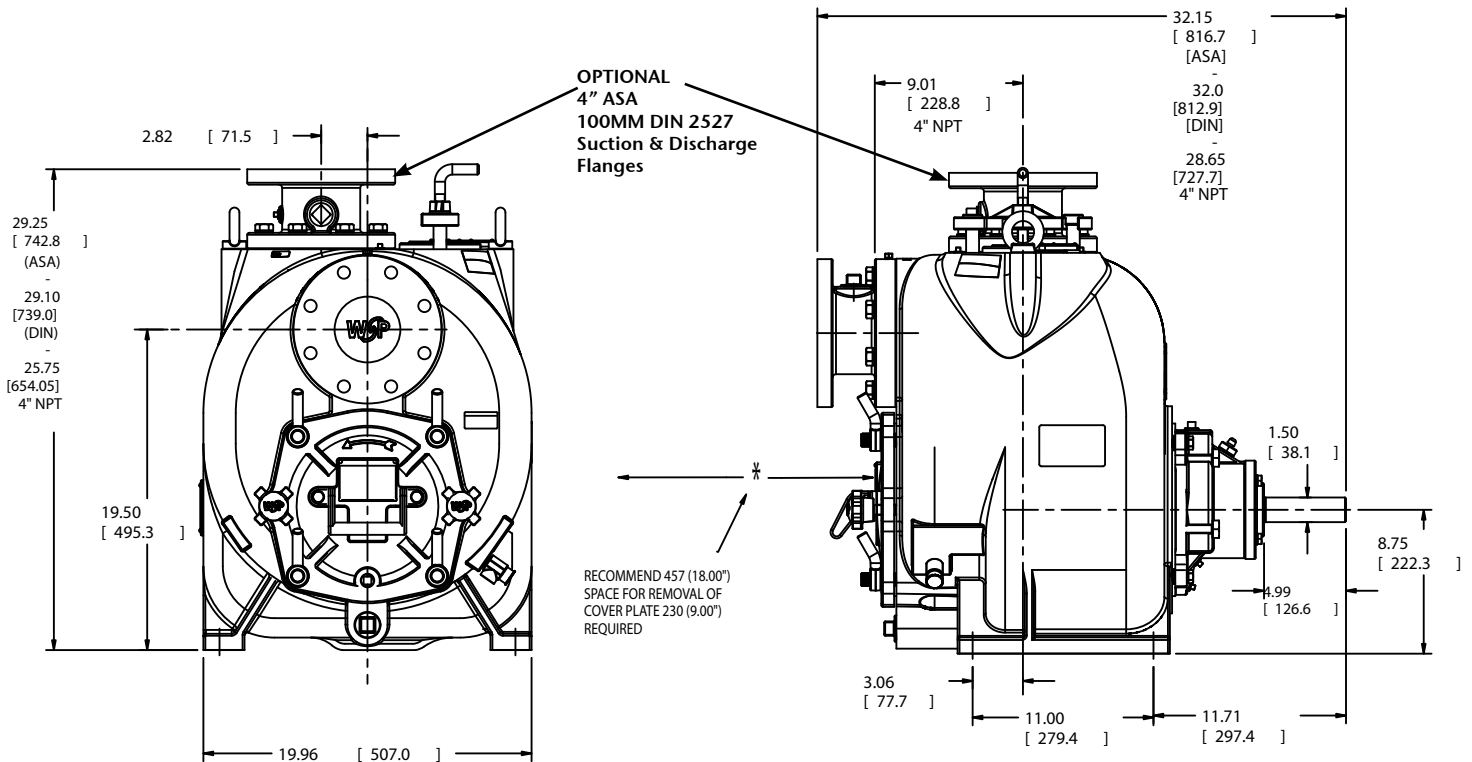
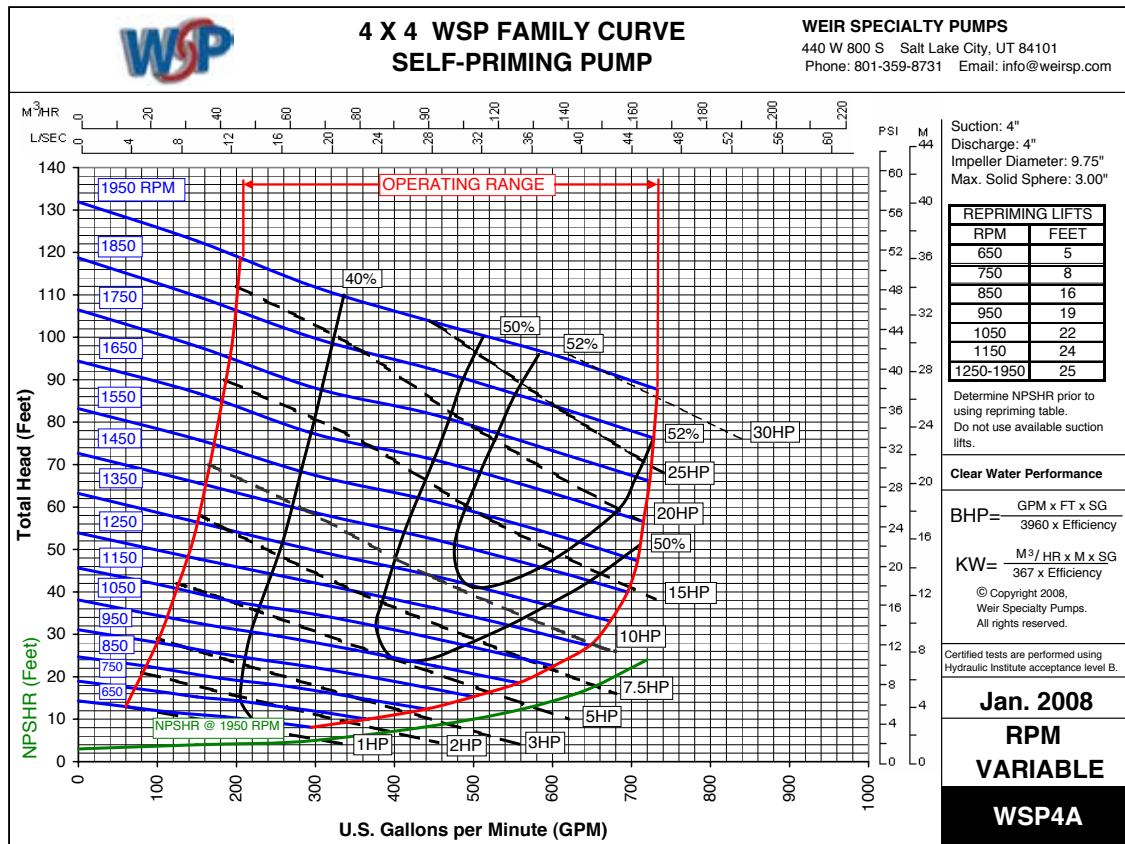
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WSP4A • Size: 4"x4" 100 x100 mm



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