

3" High Head Pump

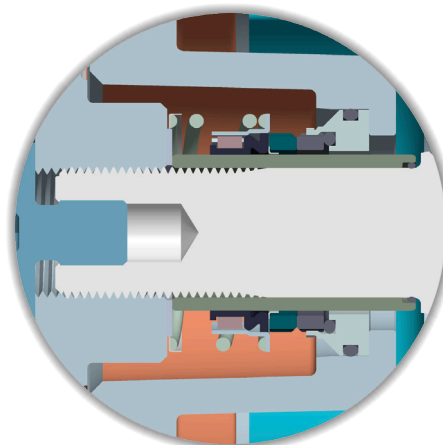
Head to 200 ft/16 M & Flow to 350 GPM/79.5 M³/Hr

HHSP3A High Head Pump

Pump Size ANSI/DIN	3"x3" 75 mm x 75 mm
Pump Casing	Cast Iron
Operating Pressure	Maximum 150 psi (995 kPa)
Impeller	Open type, six vane. Material - Ductile Iron Pumps 3/4" (19 mm) solids
Impeller Shaft	4140 steel
Wear Plate, Re- placeable	Ductile Iron
Cover Plate	Cast Iron
Flap Valve	Neoprene with steel reinforcing ring
Bearing Housing	Cast iron
Seal Plate	Cast iron
Shaft Sleeve	4140 steel
Radial Bearing	Open single ball
Thrust Bearing	Open double ball
Bearing/Seal Cavity Lubrication	SAE No. 30 oil
Flanges	Cast Iron
Gaskets	Buna-N, com- pressed synthetic fibers, vegetable fiber, PTFE, cork, and rubber
O-Rings	Buna-N
Hardware	Steel
Pressure Release Valve	Brass
Oil Level Sight Gauges	Bearing Cavity
Net Weight	490 lbs / 220 KG
Shipping Weight	545 lbs / 250 KG
Export Crate	25 Ft ³ / 0.7 M ³



Seal Detail View



Seal Specifications

Mechanical oil-lubricated, double floating, self-aligning seal. Tungsten 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.

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