

SELF-PRIMING CENTRIFUGAL SOLIDS HANDLING PUMP

Series: SH6-U

Suction: 6"

Discharge: 6"

Spherical solids handling: 3"



*Representative image

SIZE

6" x 6", 125 lb

LIQUID TEMPERATURE

160°F (71 °C)

CASING

Cast iron ASTM A-48 class 30. Maximum operating pressure 79 psi (545 KPa).

IMPELLER

Design: 2 vane, open.

Material: ductile iron no. 65-45-12

SHAFT

Alloy Steel no. 4140

SHAFT SLEEVE

316 series stainless steel

REPLACEABLE WEAR PLATE

Carbon steel no. 1015

REMOVABLE COVER PLATE

Cast iron ASTM A-48 class 30, weight 50 lb.

FLAP VALVE

Neoprene with steel reinforcing

BEARING HOUSING

Cast iron ASTM A-48 class 30

SEAL PLATE

Cast iron ASTM A-48 class 30

BEARING - PUMP END

Open single ball, radial load.

BEARING - DRIVE END

Open double ball, thrust load.

SEAL CAVITY AND BEARING LUBRICATION

SAE no. 30 non detergent oil, pump includes oil level sight gauges.

GASKETS

Buna-N, compressed synthetic fibers, PTFE, vegetable fiber, cork and rubber.

O-RINGS

Buna-N

HARDWARE

Standard plated steel

PAINT

Air dry enamel, water based.

PRESSURE RELIEF VALVE

Brass

SEAL

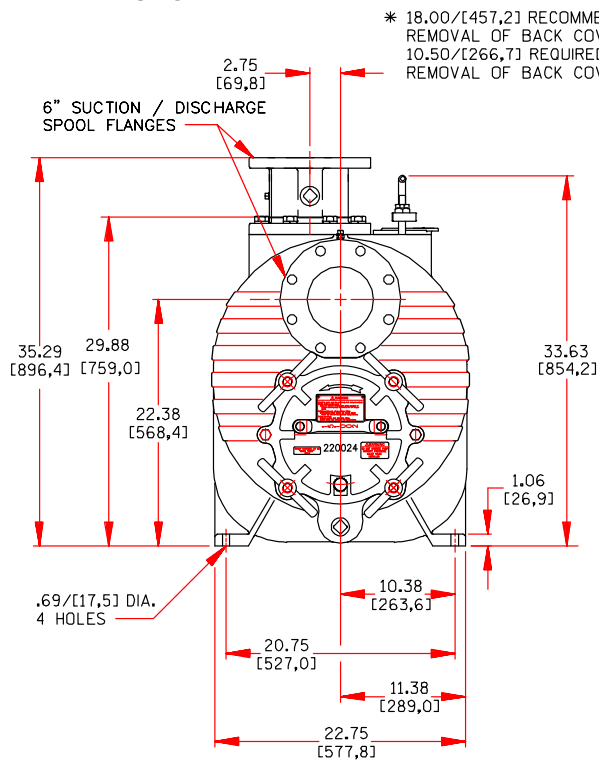
Design: type 21, mechanical, oil lubricated, double floating, self aligning.

Material: silicon carbide rotating and stationary faces, fluorocarbon elastomers (Viton® or equivalent). 316 stainless steel cage and spring.

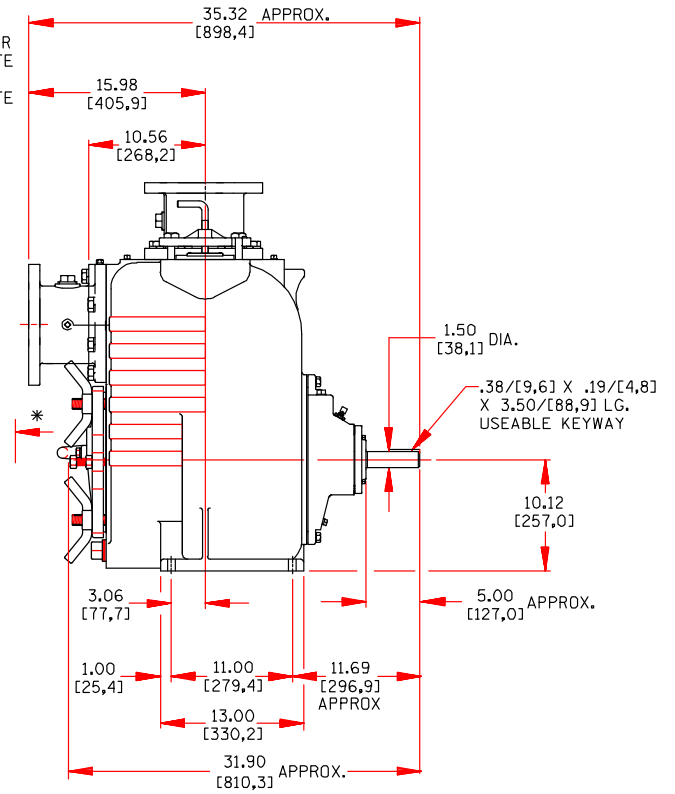
OPTIONAL EQUIPMENT

Flexible coupled assy, with base OSHA guard and electric motor.

DIMENSIONS: in[mm]



* 18.00/[457,2] RECOMMENDED FOR REMOVAL OF BACK COVER PLATE
10.50/[266,7] REQUIRED FOR REMOVAL OF BACK COVER PLATE



IMPORTANT! - Do not use in explosive atmosphere or for pumping volatile flammable liquids.

