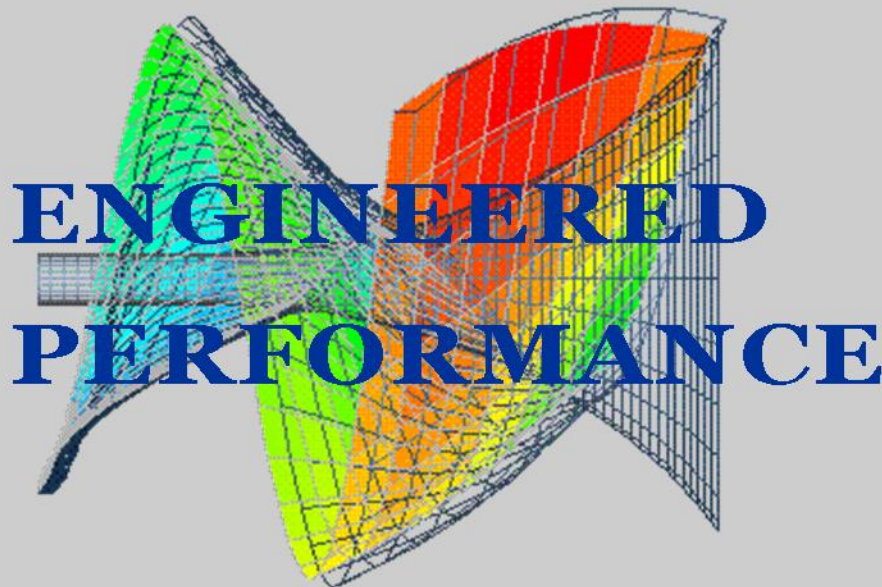


intMPE



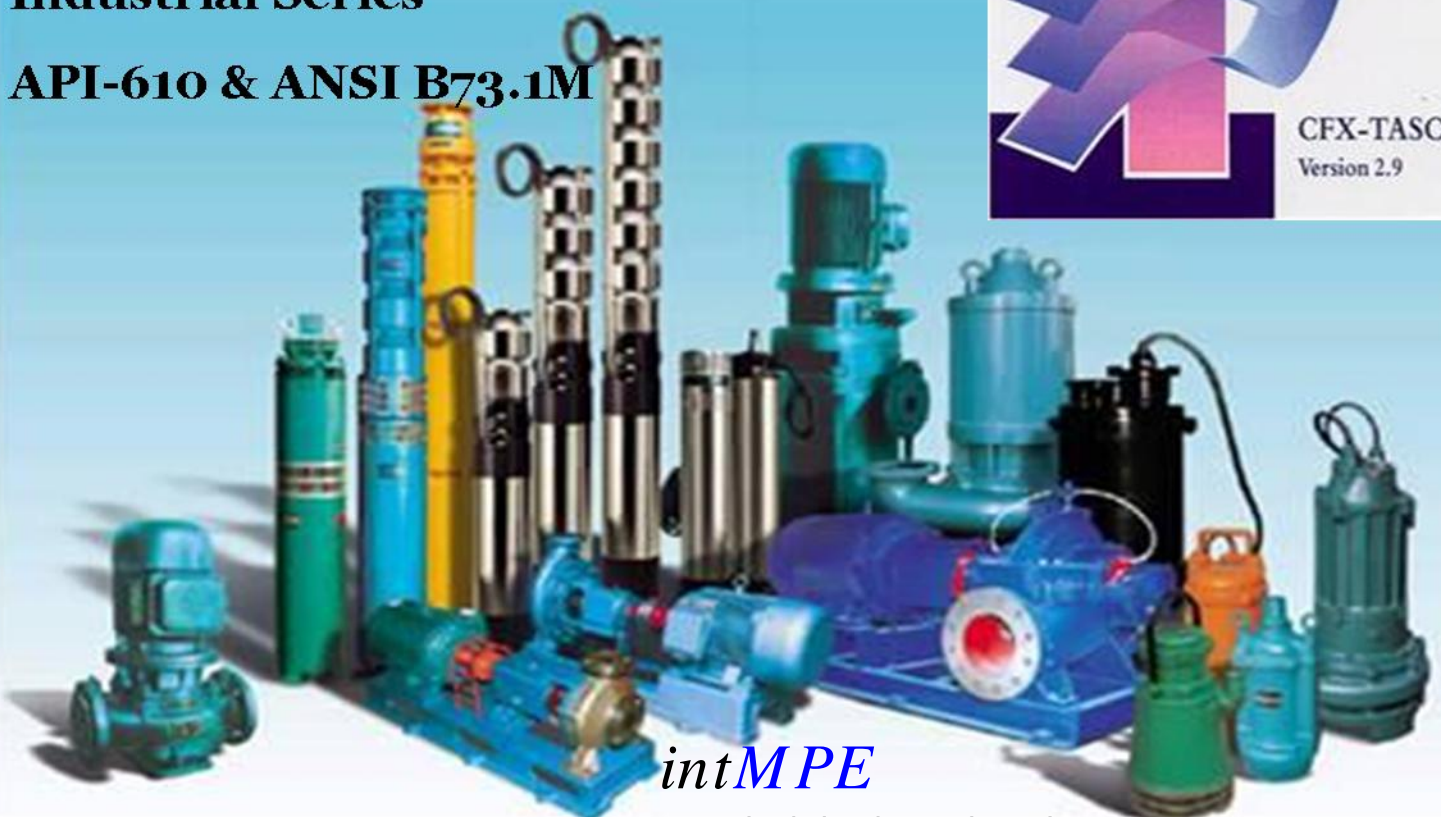
International Mineral Processing Equipment



ENGINEERED
PERFORMANCE

Industrial Series

API-610 & ANSI B73.1M



intMPE

International Mineral Processing Equipment
A Division of Canamera Enterprises Inc.

SELF-PRIMING CENTRIFUGAL TRASH PUMP

Model: SH3-U

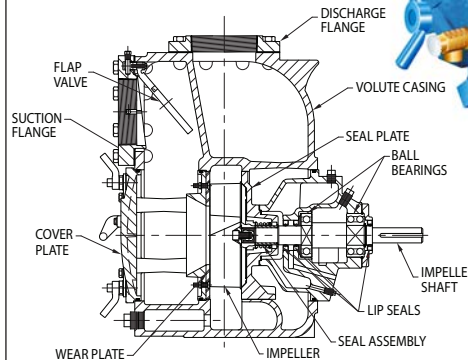
Size: 3" x 3"

Solids: 2 1/2"

**MAXIMUM TEMPERATURE OF LIQUID
PUMPED 160° F (71° C)**

Description:

Self priming centrifugal solids
handling pumps designed for
Municipal and Industrial applica-
tions.

**SIZE**

3" x 3" (76mm x 76 mm) NPT. Female
125 lbs. flange.

PUMP CASING

Gray Iron A.S.T.M. A-48 Class 30. Maximum
operating pressure 87 psi (600KPa).

IMPELLER

Design: two vane open type, handles 2 1/2"
(63.5mm) diameter spherical solids.

Material: Ductil Iron No. 65-45-12.

SHAFT

Alloy Steel No. 4140.

SHAFT SLEEVE

316 Stainless Steel.

REPLACEABLE WEAR PLATE

Carbon Steel No. 1015.

REMOVABLE ADJUSTABLE COVER PLATE

Gray Iron A.S.T.M. A-48, Class 30. Weight 30
lbs. (14 Kgs.)

FLAP VALVE

Neoprene with steel reinforcing.

BEARING HOUSING

Gray Iron A. S. T. M. A-48, Class 30.

SEAL PLATE

Gray Iron A. S. T. M. 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, vege-
table fiber, cork and rubber.

O-RINGS

BUNA-N

HARDWARE

Standard plated steel.

PRESSURE RELIEF VALVE

Brass.

SEAL

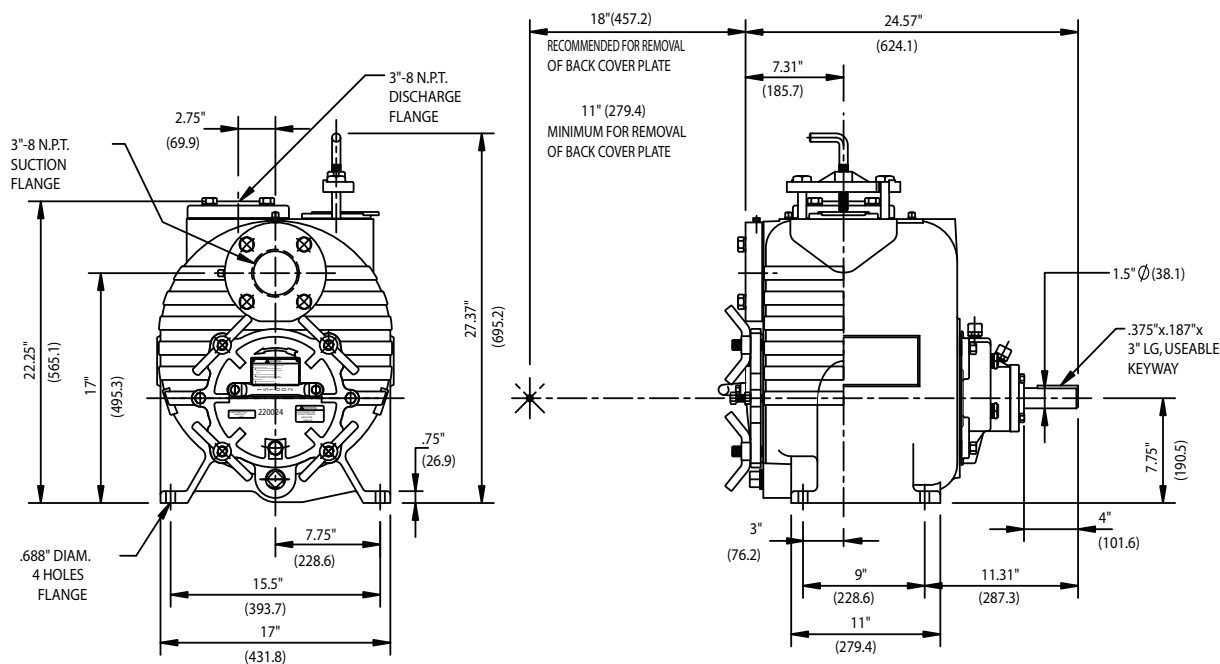
Design: Type 21, mechanical, oil lubricated, dou-
ble floating, self aligning.

Material: Silicon carbide rotating and stationary
faces, fluorocarbon elastomers (Dupont Viton[®] or
equivalent).

Stainless Steel No. 18-8 cage and spring.

OPTIONAL EQUIPMENT

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



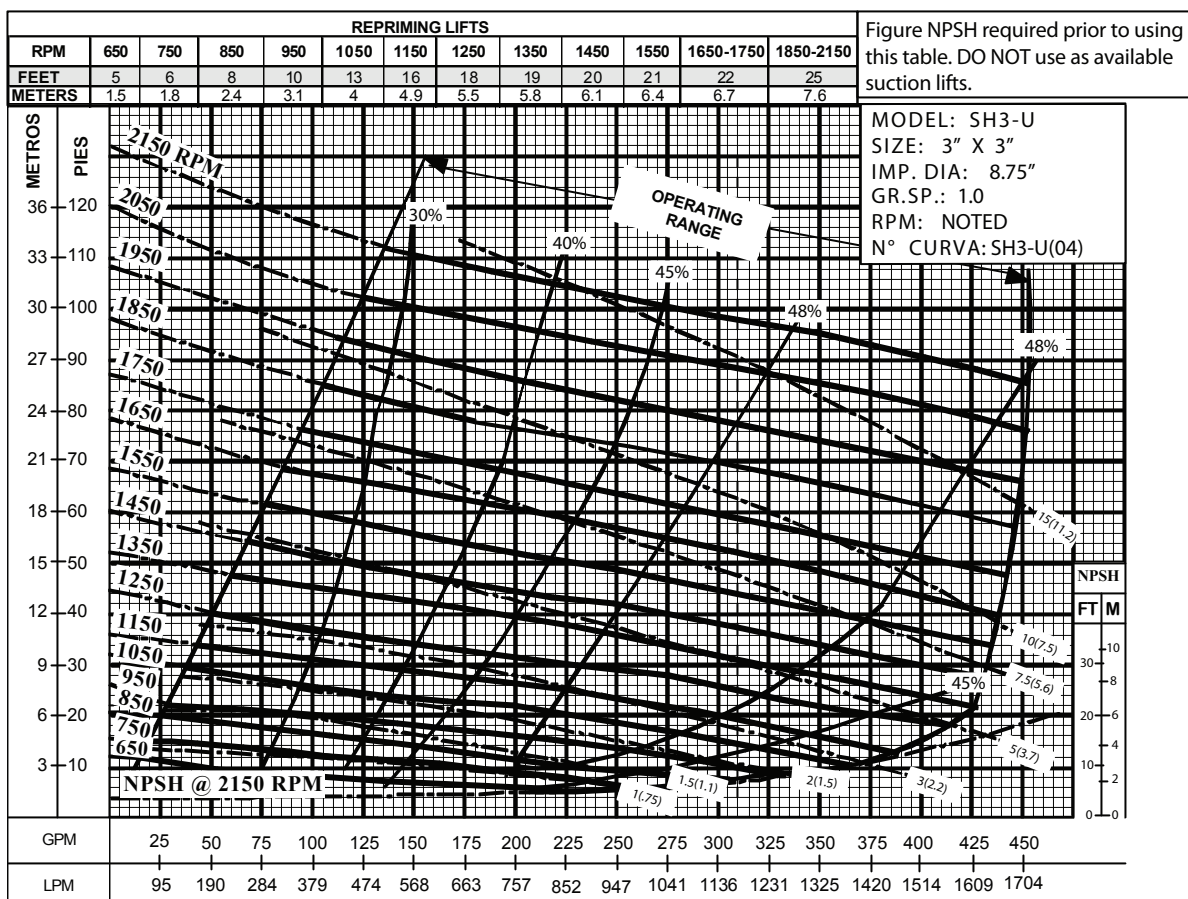
DIMENSIONAL DRAWING SH3-U SERIES

DIMENSIONS IN INCHES (MM)



WARNING

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



SELF-PRIMING CENTRIFUGAL TRASH PUMP

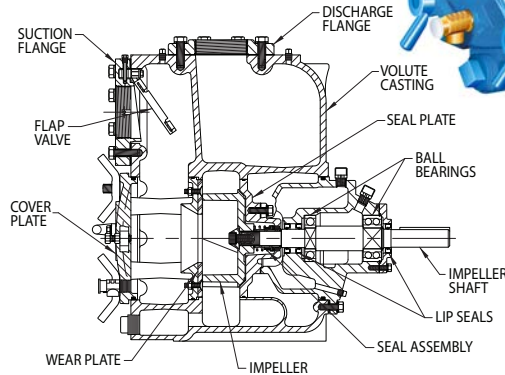
Model: SH4-U

Size: 4" x 4"

Solids: 3"

**MAXIMUM TEMPERATURE OF LIQUID
PUMPED 160° F (71° C)****Description:**

Self priming centrifugal solids handling pumps designed for Municipal and Industrial applications.

**SIZE**

4" x 4" (101 mm x 101 mm) NPT. Female
125 lbs. flange.

PUMP CASING

Gray Iron A.S.T.M. A-48 Class 30. Maximum
operating pressure 86 psi (593KPa).

IMPELLER

Design: two vane open type, handles 3"
(76.2mm) diameter spherical solids.

Material: Ductile Iron No. 65-45-12.

SHAFT

Alloy Steel No. 4140.

SHAFT SLEEVE

316 Stainless Steel.

REPLACEABLE WEAR PLATE

Carbon Steel No. 1015.

REMOVABLE ADJUSTABLE COVER PLATE

Gray Iron A.S.T.M. A-48, Class 30. Weight 37
lbs. (17 Kgs.)

FLAP VALVE

Neoprene with steel reinforcing.

BEARING HOUSING

Gray Iron A. S. T. M. A-48, Class 30.

SEAL PLATE

Gray Iron A. S. T. M. 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, vege-
table fiber, cork and rubber.

O-RINGS

BUNA-N

HARDWARE

Standard plated steel.

PRESSURE RELIEF VALVE

Brass.

SEAL

Design: Type 21, mechanical, oil lubricated, dou-
ble floating, self aligning.

Material: Silicon carbide rotating and stationary
faces, fluorocarbon elastomers (Dupont Viton[®] or
equivalent).

Stainless Steel No. 18-8 cage and spring.

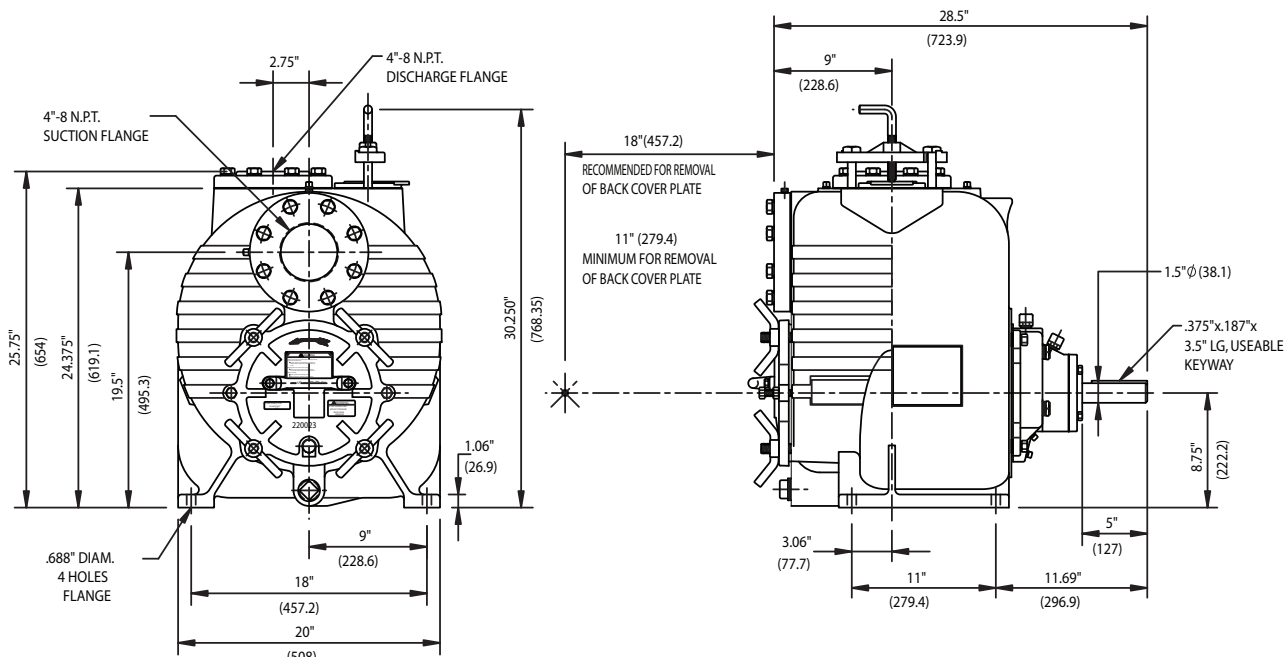
OPTIONAL EQUIPMENT

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

**SPECIFICATION
DATA**

**APPROXIMATE
DIMENSIONS**

MODEL: SH4-U
NET WEIGHT: 575 LBS. (261 KGS.)
SHIPPING WEIGHT: 614 LBS. (279 KGS.)
EXPORT CRATE: 22.7 CU FT.



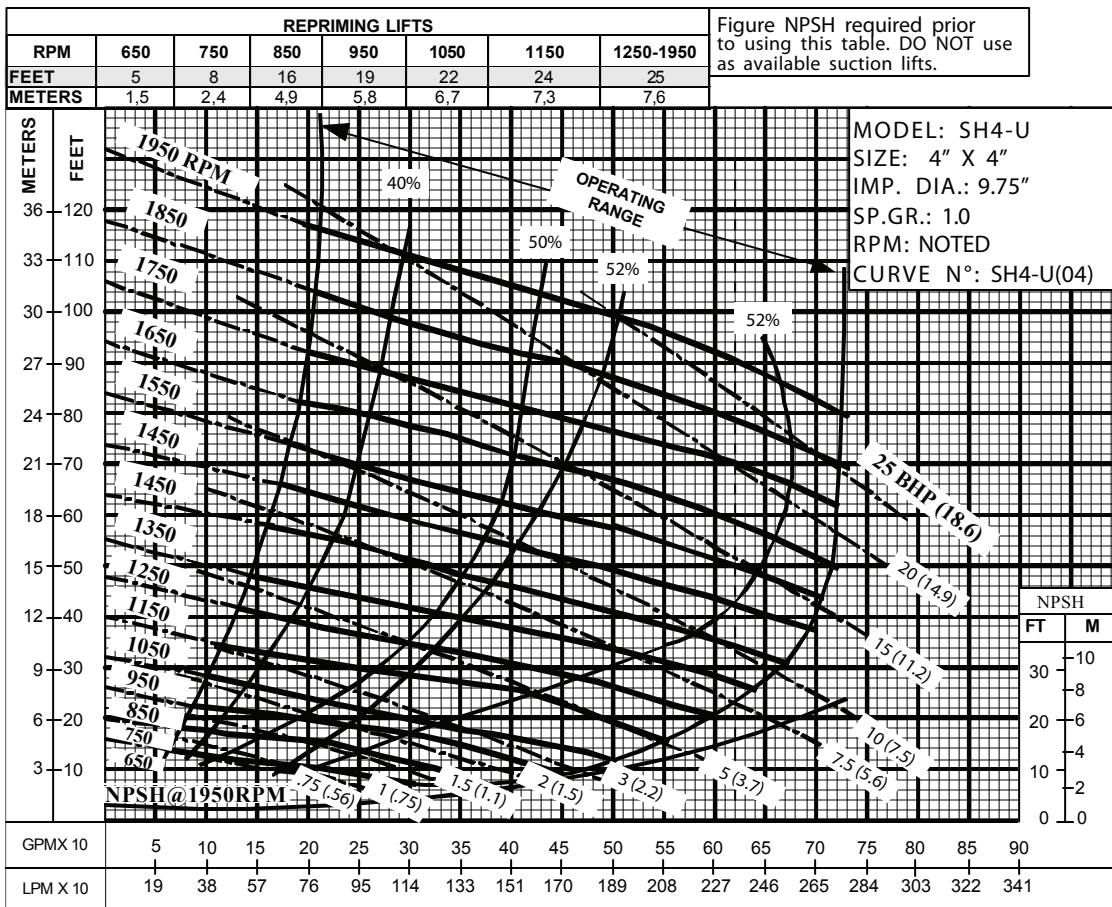
DIMENSIONAL DRAWING SH4-U SERIES

DIMENSIONS IN INCHES (MM)



WARNING

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



SELF-PRIMING CENTRIFUGAL TRASH PUMP

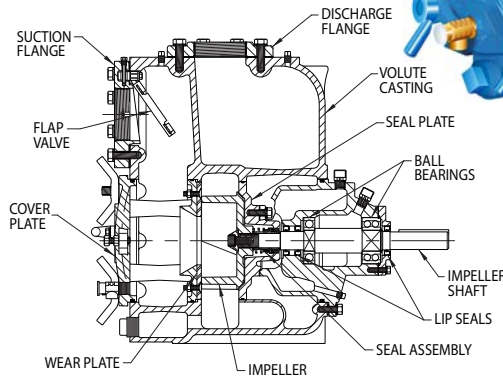
Model: SH6-U

Size: 6" x 6"

Solids: 3"

**MAXIMUM TEMPERATURE OF LIQUID
PUMPED 160° F (71° C)****Description:**

Self priming centrifugal solids handling pumps designed for Municipal and Industrial applications.

**SIZE**

6" x 6" (152 mm x 152 mm) NPT. Female
125 lbs. flange.

PUMP CASING

Gray Iron A.S.T.M. A-48 Class 30. Maximum
operating pressure 79 psi (545KPa).

IMPELLER

Design: two vane open type, handles 3"
(76.2mm) diameter spherical solids.

Material: Ductile Iron No. 65-45-12.

SHAFT

Alloy Steel No. 4140.

SHAFT SLEEVE

316 Stainless Steel.

REPLACEABLE WEAR PLATE

Carbon Steel No. 1015.

REMOVABLE ADJUSTABLE COVER PLATE

Gray Iron A.S.T.M. A-48, Class 30. Weight 50
lbs. (23 Kgs.)

FLAP VALVE

Neoprene with steel reinforcing.

BEARING HOUSING

Gray Iron A. S. T. M. A-48, Class 30.

SEAL PLATE

Gray Iron A. S. T. M. 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, vege-
table fiber, cork and rubber.

O-RINGS

BUNA-N

HARDWARE

Standard plated steel.

PRESSURE RELIEF VALVE

Brass.

SEAL

Design: Type 21, mechanical, oil lubricated, dou-
ble floating, self aligning.

Material: Silicon carbide rotating and stationary
faces, fluorocarbon elastomers (Dupont Viton[®] or
equivalent).

Stainless Steel No. 18-8 cage and spring.

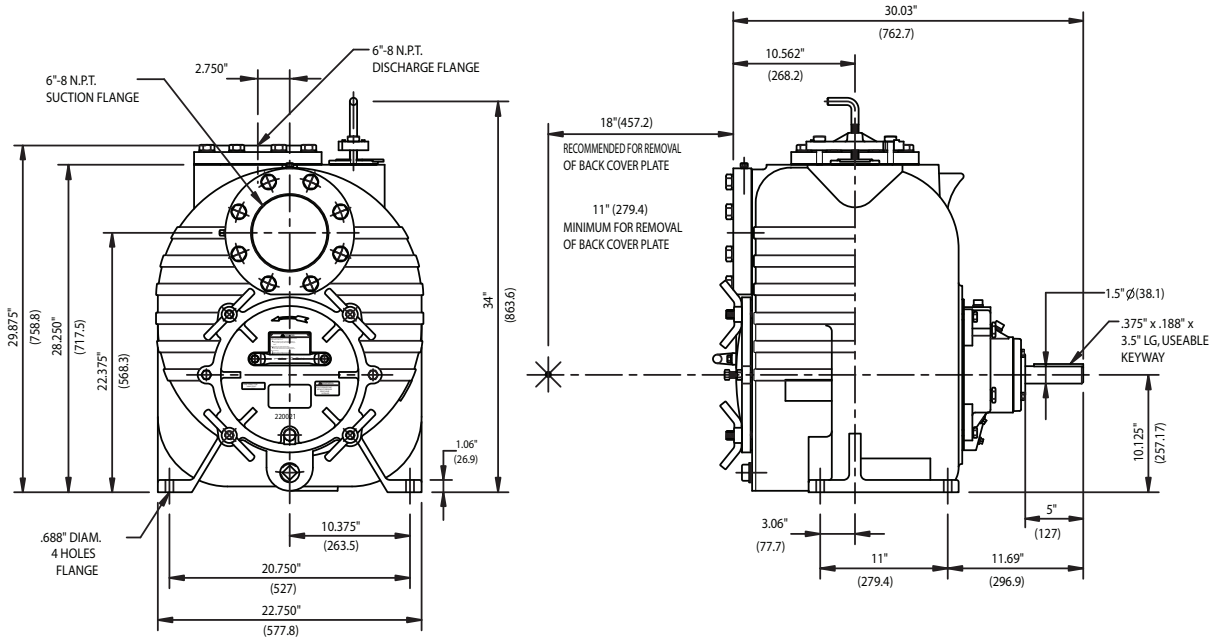
OPTIONAL EQUIPMENT

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

SPECIFICATION
DATA

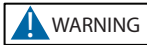
APPROXIMATE
DIMENSIONS

MODEL: SH6-U
NET WEIGHT: 802 LBS. (364 KGS.)
SHIPPING WEIGHT: 862 LBS. (391 KGS.)
EXPORT CRATE: 32.5 CU FT.



DIMENSIONAL DRAWING SH6-U SERIES

DIMENSIONS IN INCHES (MM)



WARNING

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

