

Basic Pump

JS

Self Priming Centrifugal Pump

**Super
T SERIES**

VARIOUS PATENTS APPLY

Model T3A3S-B

Size 3" x 3"

**PUMP SPECIFICATIONS**

Size: 3" x 3" (76 mm x 76 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 86 psi (593 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 2 1/2" (63.5 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Shaft Sleeve: Alloy Steel 4130.

Replaceable Wear Plate: Carbon Steel 1015.

Removable Adjustable Cover Plate: Gray Iron 30; 35 lbs. (16 kg)

Seal Plate: Gray Iron 30.

Flap Valve: Neoprene w/Nylon and Steel Reinforcing.

Bearing Housing: Gray Iron 30.

Radial and Thrust Bearings: Open Single Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Flanges: 125# Gray Iron 30.

Gaskets: Buna-N w/Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork and Rubber.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Brass Pressure Relief Valve.

Bearing and Seal Cavity Oil Level Sight Gauges.

Optional Equipment: Automatic Air Release Valve. Metal

Bellows Seal. 120V/240V Casing Heater. High Pump

Temperature Shutdown Kit. G-R Hard Iron Casing.

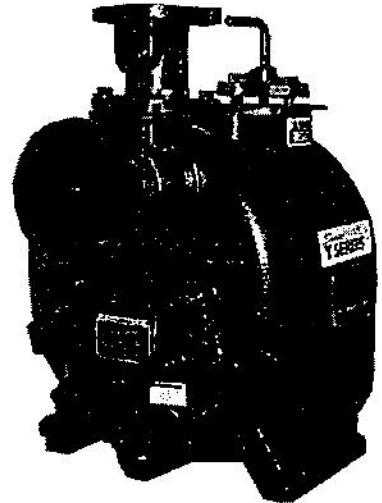
Self-Cleaning Wear Plate.

Gray Iron 30 Suction and Discharge Spool Flanges:

3" ASA (Specify Model T3A3S-B /F).

80 mm DIN 2527 (PN 16) (Specify Model T3A3S-B /FM).

*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.



Shown with Optional Suction and Discharge Spool Flanges (Available in ASA or DIN Standard Sizes).

SEAL SPECIFICATIONS

Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Tungsten Titanium Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*

SEAL DETAIL