Self Priming Centrifugal Pump
Model T8A3S-B
Size 8” x 8”

PUMP SPECIFICATIONS
Size: 8” (203 mm) ASA Flanged Suction x 8” (203 mm)
NPT Female Discharge.
Casing: Gray Iron 30.
Maximum Operating Pressure 83 psi (572 kPa).*
Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.
Handles 3” (76,2 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Wear Plate: Gray Iron 30.
Removable Adjustable Cover Plate: Gray Iron 30; 94 lbs. (43 kg).
Flap Valve: Neoprene */Nylon and Steel Reinforcing.
Seal Plate: Gray Iron 30.
Radial and Thrust Bearings: Open Double Row Ball.
Bearing Housing: Gray Iron 30.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Flanges: Gray Iron 30.
Gaskets: Buna-N, Compressed Synthetic Fibers, 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: Metal Bellows Seal. Automatic Air Release
Valve. High Pump Temperature Shutdown Kit. 120V/240V
Casing Heater.
Gray Iron 30 Spool Flanges:
8” ASA Discharge (Specify Model T8A3S-B /F).
200 mm DIN 2527 (PN 16) Suction and Discharge
(Specify Model T8A3S-B /FM).

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

SEAL DETAIL
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).*
Specification Data

APPROMATE DIMENSIONS and WEIGHTS

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NET WEIGHT: 1295 LBS. (587 KG.)*
SHIPPING WEIGHT: 1399 LBS. (635 KG.)*
EXPORT CRATE: 47.9 CU. FT. (1.36 CU. M.)
*ADD 35 LBS. (15.9 KG.) W/EACH SPOOL FLANGE

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