Self Priming Centrifugal Pump
Model T10A71S-B
Size 10” x 10”

PUMP SPECIFICATIONS
Size: 10” x 10” (254 mm x 254 mm) Flanged.
Casing: Gray Iron 30.
Maximum Operating Pressure 99 psi (683 kPa).*
Semi-Open Type, Two Vane Impeller: G-R Hard Iron.
Handles 3” (76,2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Front Wear Plate: Hardened Alloy Steel.
Replaceable Rear Wear Plate: Hardened Alloy Steel.
Removable Clean-out Cover Plate: Gray Iron 30; 9 lbs. (4 kg).
Flap Valve: Neoprene w/Steel Reinforcing.
Bearing Housing: Gray Iron 30.
Seal Plate: G-R Hard Iron.
Radial and Thrust Bearings: Open Double Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30
Non-Detergent Oil.
Suction Flange: Gray Iron 30.
Suction Head: Gray Iron 30.
Gaskets: Buna-N, 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
120V/240V Casing Heater. Continuous Vane GR Hard Iron
Impeller.
Gray Iron 30 Spool Flanges:
10” ASA Discharge.
250 mm DIN 2527 (PN16) Suction and Discharge
(Specify Model T10A71S–B /FM).
*Consult Factory for Applications Exceeding Maximum
Pressure and/or Temperature Indicated.

SEAL DETAIL
Cartridge Type, Mechanical, Oil-Lubricated,
Double Floating, Self-Aligning, Silicon 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).*