Self Priming Centrifugal Pump

Model T6A61S-B
Size 6” x 6”

PUMP SPECIFICATIONS

Size: 6” x 6” (152 mm x 152 mm) NPT - Female.
Casing: Gray Iron 30.
Maximum Operating Pressure 79 psi (545 kPa).*
Semi-Open Type, Two Vane Impeller: Stainless Steel 316.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Plate: Stainless Steel 316.
Removable Adjustable Cover Plate: Gray Iron 30; 64 lbs. (29 kg).
Flap Valve: Neoprene ™/Nylon and Steel Reinforcing.
Seal Plate: Stainless Steel 316.
Bearing Housing: Gray Iron 30.
Radial Bearing: Open Single Row Ball.
Thrust Bearing: Open Double Row Ball.
Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.
Flanges: Gray Iron 30.
Gaskets: Buna-N, Compressed Synthetic Fibers, PTFE, Vegetable
Fiber, Cork, and Rubber.
O-Rings: Buna-N.
Internal Wetted Hardware: Stainless Steel 316.
External Hardware: Standard Plated Steel.
Pressure Relief Valve: Stainless Steel 316.
Bearing and Seal Cavity Oil Level Sight Gauges.
Optional Equipment: Metal Bellows Seal. Automatic Air
Release Valve. Stainless Steel CD4MCu Impeller, Seal
Plate and Wear Plate, 120V/240V Casing Heater. High Pump
Gray Iron 30 Suction and Discharge Spool Flanges:
6” ASA (Specify Model T6A61S-B /F).
150 mm DIN 2527 (PN16) (Specify Model T6A61S-B /FM).
*Consult Factory for Applications Exceeding Maximum
Pressure and/or Temperature Indicated.

SEAL DETAIL
Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide
Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluoro-carbon
Elastomers (DuPont ™ Viton™ or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of
Liquid Pumped, 160°F (71°C).*

Specifications Subject to Change Without Notice
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NET WEIGHT: 885 LBS. (401 KG.)*
SHIPPING WEIGHT: 945 LBS. (429 KG.)*
EXPORT CRATE: 32.5 CU. FT. (0.92 CU. M.)
*ADD 25 LBS. (11.3 KG.) W/EACH SPOOL FLANGE

OPTIONAL ASA OR DIN STANDARD SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE

TOTAL HEAD

PERFORMANCE CURVE