Self Priming Centrifugal Pump

Model T6B61S-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 81 psi (558 kPa).
Semi-Open Type, Six Vane Impeller: Stainless Steel CD4MCu.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Plate: Stainless Steel CD4MCu.
Removable Adjustable Cover Plate: Gray Iron 30; 62 lbs. (28 kg).
Seal Plate: Stainless Steel 316.
Flap Valve: Neoprene™/Nylon and Steel Reinforcing.
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 Seal Plate. 120V/240V Casing Heater.
- High Pump Temperature Shutdown Kit.
- Gray Iron 30 Suction and Discharge Spool Flanges: (Specify Model T6B61S-B /F).
- 150 mm DIN 2527 (PN16) (Specify Model T6B61S-B /FM).

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

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

SEAL DETAIL

**Specification Data**

**APPROXIMATE DIMENSIONS and WEIGHTS**

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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.) WITH EACH SPOOL FLANGE

**OPTIONAL ASA OR DIN STANDARD SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE**

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**PERFORMANCE CURVE**

Performance curves for the pump are shown in the diagram. The curves indicate the pump's total head, efficiency, and flow rate at various operating conditions. The curves are labeled with specific performance parameters and are designed to help users select the appropriate pump for their application.

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