Self Priming Centrifugal Pump

Model T8A61S-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: 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; 94 lbs. (43 kg).
Flap Valve: Neoprene */Nylon and Steel Reinforcing.
Seal Plate: Stainless Steel 316.
Bearing Housing: Gray Iron 30.
Radial and Thrust Bearings: 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, 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
Temperature Shutdown Kit. Eradicator Solids Management System
Gray Iron 30 Spool Flanges:
8” ASA Discharge (Specify Model T8A61S-B /F).
200 mm DIN 2527 (PN 16) Suction and Discharge (Specify Model T8A61S-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. Fluorocarbon
Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring.
Maximum Temperature of Liquid Pumped, 160°F (71°C).*
### Specification Data

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**APPROXIMATE DIMENSIONS and WEIGHTS**

| NET WEIGHT: 1332 LBS. (604 KG.)* |
| SHARING WEIGHT: 1399 LBS. (651 KG.)* |
| EXPORT CRATE: 47.9 CU. FT. (1.36 CU. M.) |

*ADD 35 LBS. (15.9 KG.) TO EACH SPOOL FLANGE

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**DIMENSIONS (INCHES) (MM)***

- **Suction:** 8.00 normal, 8 holes
- **Discharge:** 6.00
- **Flange:** 12.50
- **Dimensions:** 97.79 (2489.0)

**NET WEIGHT:** 1332 LBS. (604 KG.)*

**SHIPPING WEIGHT:** 1399 LBS. (651 KG.)*

**EXPORT CRATE:** 47.9 CU. FT. (1.36 CU. M.)

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**OPTIONAL ASA OR DIN STANDARD SPOOL FLANGES AVAILABLE**

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**PERFORMANCE CURVE**

- **VOLUTE:** 38224-705
- **CURVE:** TRA-B-3
- **MILLER:** 12349
- **MODEL:** TRA-B

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**GORMAN-RUPP PUMPS**

www grpumps.com

Specifications Subject to Change Without Notice

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