

# Self Priming Centrifugal Pump

*Super*  
**TSERIES**

**Model T10A61S-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:** Stainless Steel 316.

Handles 3" (76.2 mm) Diameter Spherical Solids.

**Impeller Shaft:** Stainless Steel 17-4 PH.

**Replaceable Wear Plate:** Stainless Steel 316.

**Seal Plate:** Stainless Steel 316.

**Removable Clean-out Cover Plate:** Gray Iron 30;  
9 lbs. (4 kg).

**Flap Valve:** Neoprene w/Steel Reinforcing.

**Bearing Housing:** Gray Iron 30.

**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.

**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. High Pump Temperature Shutdown Kit. 120V/240V Casing Heater. Eradicator Solids Management System.

Gray Iron 30 Spool Flanges:

10" ASA Discharge.

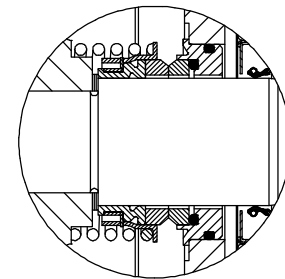
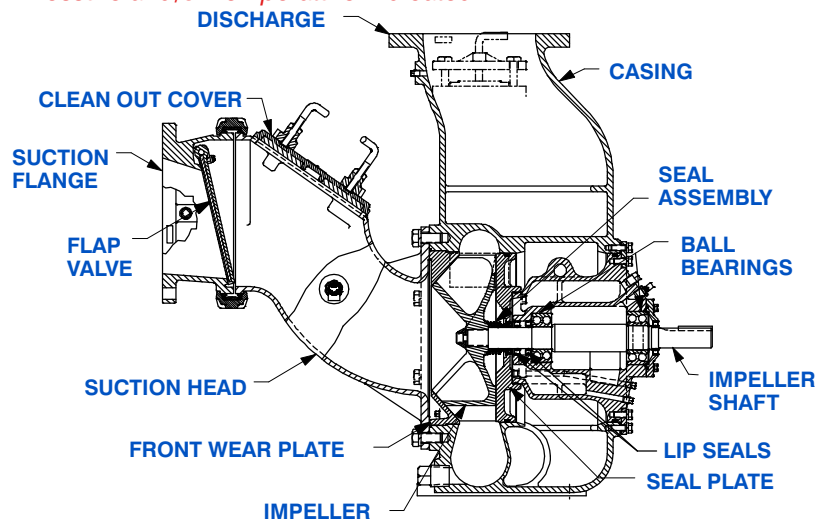
250 mm DIN 2527 (PN 16) Suction and Discharge

(Specify Model T10A61S-B /FM).

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



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



## 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).\*



**GORMAN-RUPP PUMPS**

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Specifications Subject to Change Without Notice

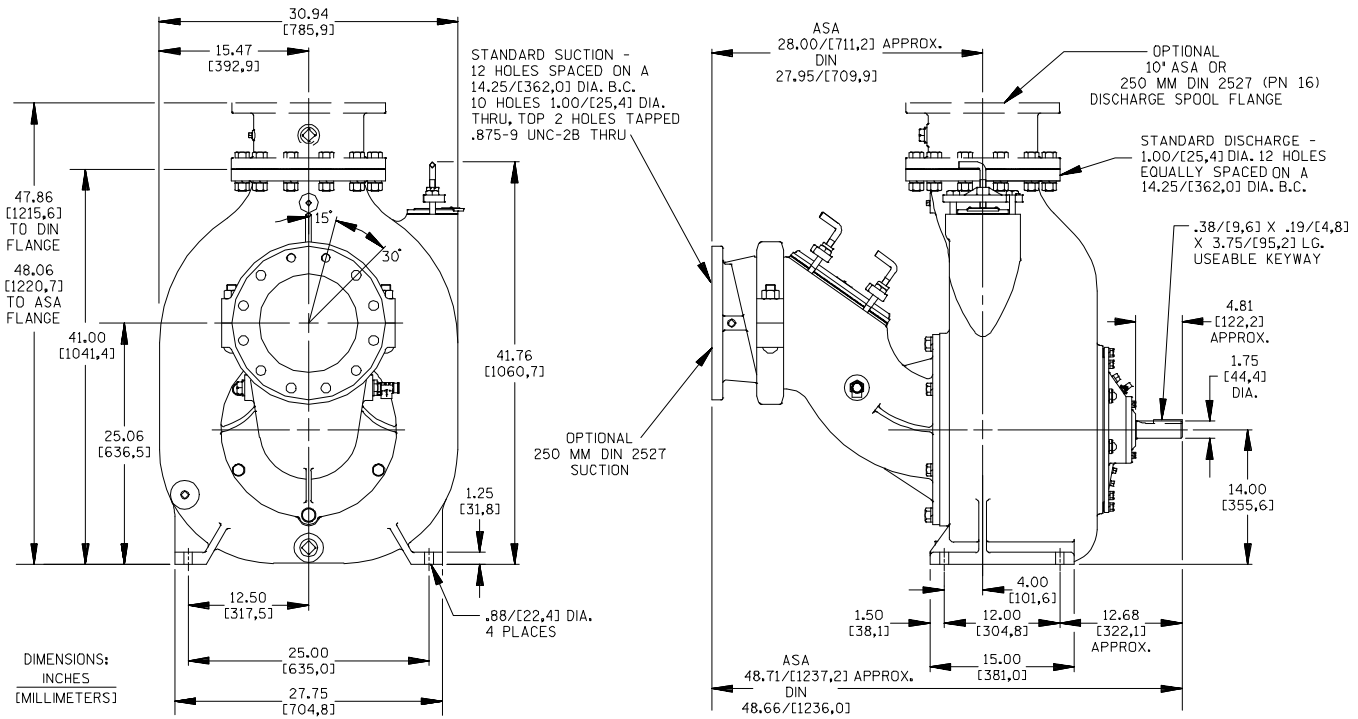
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**Specification Data**

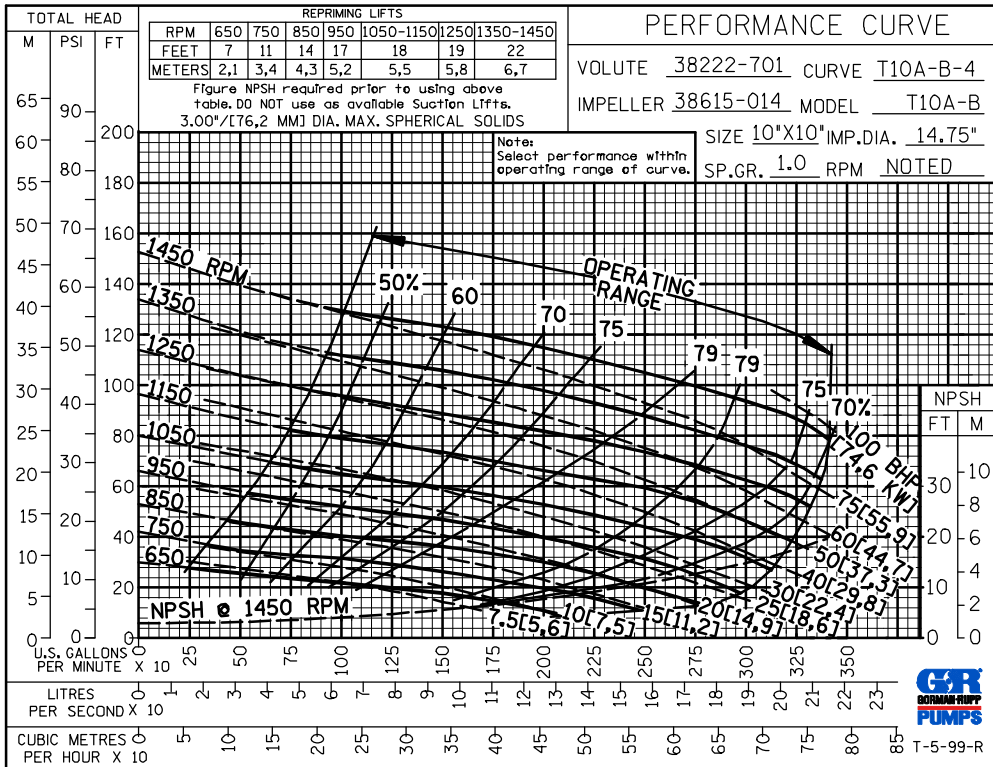
**NET WEIGHT: 1455 LBS. (660 KG.)\***  
**SHIPPING WEIGHT: 1605 LBS. (728 KG.)\***  
**EXPORT CRATE: 70.3 CU. FT. (2 CU. M.)**  
**\*ADD 71 LBS. (32,2 KG.) W/DISCH SPOOL FLANGE**

**SECTION 55, PAGE 2420**

**APPROXIMATE DIMENSIONS and WEIGHTS**



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



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