

# Self Priming Centrifugal Pump

**Super**  
**T SERIES**  
VARIOUS PATENTS APPLY

## Model T3A61S-B

### Size 3" x 3"



#### PUMP SPECIFICATIONS

**Size:** 3" x 3" (76 mm x 76 mm) NPT - Female.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 86 psi (593 kPa).\*

**Semi-Open Type, Two Vane Impeller:** Stainless Steel 316.

Handles 2 1/2" (63,5 mm) Diameter Spherical Solids.

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

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

**Removable Adjustable Cover Plate:** Gray Iron 30.

**Removable Inspection Cover Plate:** Gray Iron 30; 12 lbs. (5,4 kg.).

**Flap Valve:** Neoprene <sup>w/</sup>Nylon and Steel Reinforcing.

**Seal Plate:** Stainless Steel 316.

**Bearing Housing:** Gray Iron 30.

**Radial and Thrust Bearings:** Open Single Row Ball.

**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.

**Flanges:** Gray Iron 30.

**Gaskets:** Buna-N <sup>w/</sup>Compressed Synthetic Fibers, Vegetable Fiber, 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.

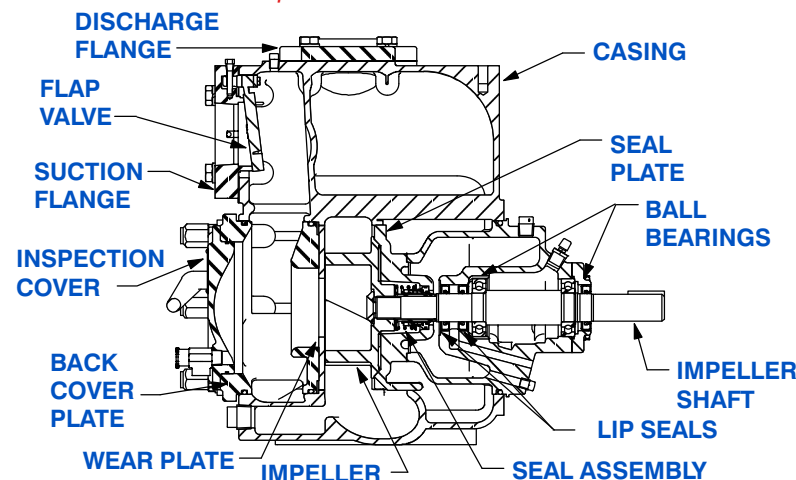
**Bearing and Seal Cavity Oil Level Sight Gauges.**

**Optional Equipment:** Automatic Air Release Valve. Metal Bellows Seal. 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 Suction and Discharge Spool Flanges:

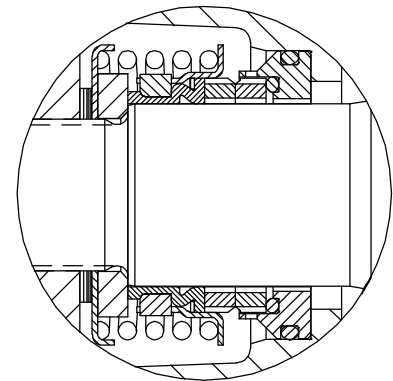
3" ASA (**Specify Model T3A61S-B /F**).

80 mm DIN 2527 (PN 16) (**Specify Model T3A61S-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

Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton<sup>®</sup> or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).\*



## GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

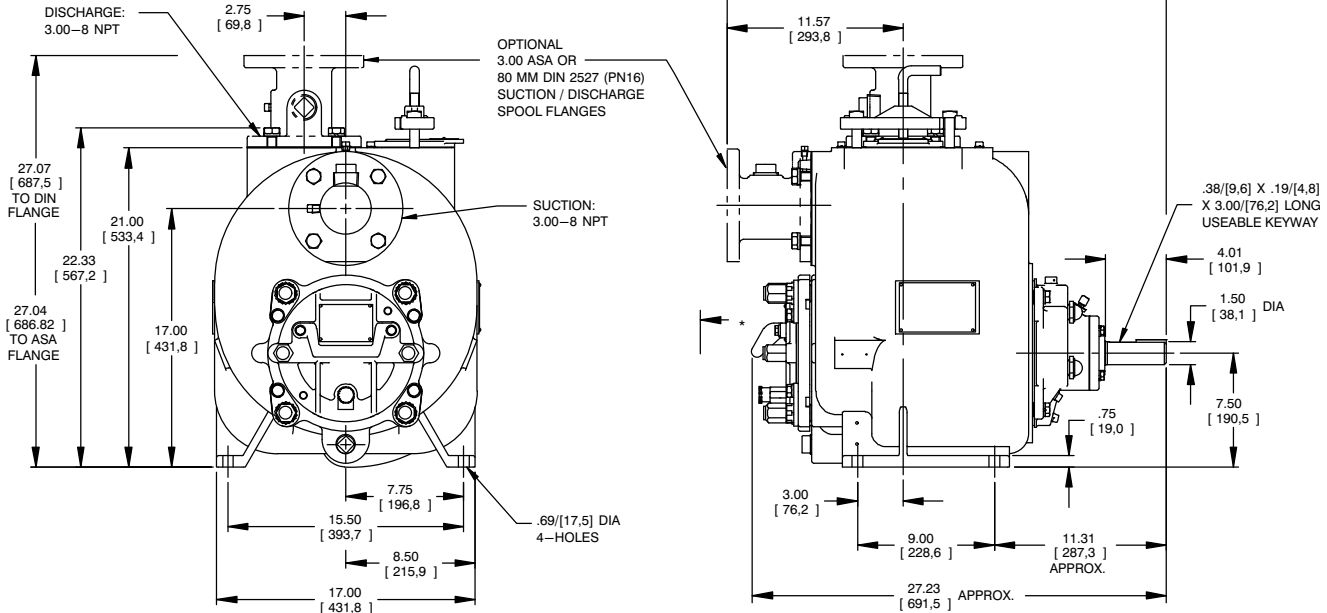
**Specification Data**

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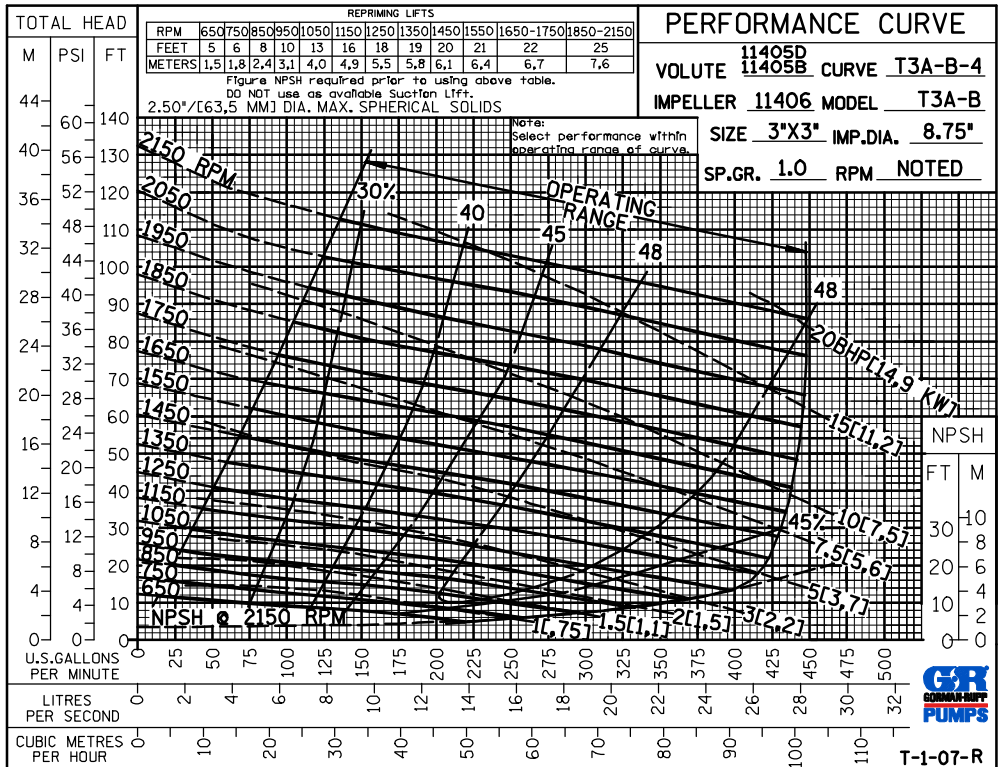
**APPROXIMATE DIMENSIONS and WEIGHTS**

**NET WEIGHT: 420 LBS. (191 KG.)\***  
**SHIPPING WEIGHT: 468 LBS. (212 KG.)\***  
**EXPORT CRATE: 19.3 CU. FT. (0,55 CU. M.)**  
**\*ADD 10 LBS. (4,5 KG.) W/EACH SPOOL FLANGE**

\* 18.00/[457,2] RECOMMENDED FOR REMOVAL OF BACK COVER PLATE  
 9.00/[228,6] REQUIRED FOR REMOVAL OF BACK COVER PLATE



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



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