Self Priming Centrifugal Pump
Model T3A3S-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: Ductile Iron 65-45-12.
  Handles 2 1/2” (63,5 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Wear Plate: Carbon Steel 1015.
Removable Adjustable Cover Plate: Gray Iron 30.
Removable Inspection Cover Plate: Gray Iron 30; 12 lbs. (5,4 kg.).
Seal Plate: Gray Iron 30.
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 w/Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork and Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Brass Pressure Relief Valve.
Bearing and Seal Cavity Oil Level Sight Gauges.
  3” ASA (Specify Model T3A3S-B /F).
  80 mm DIN 2527 (PN 16) (Specify Model T3A3S-B /FM).
*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

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

SEAL DETAIL
**SECTION 55, PAGE 2000**

**APPROXIMATE DIMENSIONS and WEIGHTS**

- **NET WEIGHT:** 404 LBS. (183 KG.)*
- **SHIPPING WEIGHT:** 452 LBS. (205 KG.)*
- **EXPORT CRATE:** 19.3 CU. FT. (0.55 CU. M.)
- *ADD 10 LBS. (4.5 KG.) W/EACH SPOOL FLANGE

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

**PERFORMANCE CURVE**

- **VOLUTE:** 14086
- **IMPELLER:** 11406
- **MODEL:** T3A-B
- **SIZE:** 3"x3" IMPL. DIA. 8.75" SP.GR. 1.0 RPM NOTED

**GORMAN-RUPP PUMPS**

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Specifications Subject to Change Without Notice
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