Self Priming Centrifugal Pump

Model T4A3S-B

Size 4” x 4”

PUMP SPECIFICATIONS

Size: 4” x 4” (101 mm x 101 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 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Wear Plate: Carbon Steel ASTM A36.
Removable Adjustable Cover Plate: Gray Iron 30.
Removable Inspection Cover Plate: Gray Iron 30; 12 lbs. (5.4 kg.).
Flap Valve: Neoprene ™/Nylon and Steel Reinforcing.
Seal Plate: Gray Iron 30.
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, 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.
  4” ASA (Specify Model T4A3S-B /F).
  100 mm DIN 2527 (PN 16) (Specify Model T4A3S-B /FM).
*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

SEAL DETAIL

APPROXIMATE DIMENSIONS and WEIGHTS

SECTION 55, PAGE 2100

- **NET WEIGHT:** 575 LBS. (261 KG.)*
- **SHIPPING WEIGHT:** 614 LBS. (279 KG.)*
- **EXPORT CRATE:** 22.7 CU. FT. (0.64 CU. M.)
- *ADD 15 LBS. (6.8 KG.) W/EACH SPOOL FLANGE

**NOTICE:**
- OPTIONAL ASA OR DIN STANDARD SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE.

**TOTAL HEAD**

- **50 PSI**
  - 100 PSI
- **55 PSI**
  - 110 PSI
- **60 PSI**
  - 120 PSI

**PERFORMANCE CURVE**

- **VOLUTE:** T4A-B-4
- **IMP. DIA.:** 9.75" (247.2 MM)
- **CURVE:** T4A-B
- **MODEL:** T4A-B
- **SIZE:** 4" X 4"

**GORMAN-RUPP PUMPS**

www grpumps.com

Specifications Subject to Change Without Notice Printed in U.S.A.

© Copyright Gorman-Rupp Pumps 2020