Self Priming Centrifugal Pump

Model T3A71S-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: G-R Hard Iron.
Handles 2 1/2” (63,5 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Wear Plate: Hardened Alloy Steel.
Removable Adjustable Back 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: G-R Hard Iron.
Bearing Housing: Gray Iron 30.
Radial/Thrust Bearings: Open Single 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.
Optional Equipment: Automatic Air Release Valve.
Metal Bellows Seal. 120V/240V Casing Heater. High Pump Temperature Shutdown Kit.
High Chrome Cast Iron Impeller.
Gray Iron 30 Suction and Discharge Spool Flanges:
3” ASA (Specify Model T3A71S-B /F),
80 mm DIN 2527 (PN 16) (Specify Model T3A71S-B /FM).

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

SEAL DETAIL
**Specification Data**

**APPROXIMATE DIMENSIONS and WEIGHTS**

| NET WEIGHT: | 414 LBS. (188 KG.)* |
| SHIPPING WEIGHT: | 462 LBS. (210 KG.)* |
| EXPORT CRATE: | 19.3 CU. FT. (0.55 CU. M.) |
| **ADD 10 LBS. (4.5 KG.)** W/ EACH SPOOL FLANGE |

**SECTION 55, PAGE 2040**

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  - **SHIPPING WEIGHT:** 462 LBS. (210 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**

- **DISCHARGE:**
  - 3.00-8 NPT

- **Suction:**
  - 3.00-8 NPT
  - OPTIONAL 3.00 ASA OR 80 MM DIN 2527 (PN16) SUCTION / DISCHARGE SPOOL FLANGES

**PERFORMANCE CURVE**

- IMPeller: 114060
- Volute: 114058
- Curve: T3A-B-4
- Size: 3" X 3" IMP.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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