Self Priming Centrifugal Pump

Model T4A71S-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: G-R Hard Iron.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Impeller Shaft: Alloy Steel 4150.
Shaft Sleeve: Alloy Steel 4130.
Replaceable Wear Plate: Hardened Alloy Steel.
Removable Adjustable Cover Plate: Gray Iron 30.
Removable Inspection Cover Plate: Gray Iron 30; 12 lbs. (5.4 kg.).
Flap Valve: Neoprene w/Nylon and Steel Reinforcing.
Seal Plate: G-R Hard Iron.
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.
Gray Iron 30 Suction and Discharge Spool Flanges:
4” ASA (Specify Model T4A71S-B /F).
100 mm DIN 2527 (PN 16) (Specify Model T4A71S-B /FM).

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

SEAL DETAIL

Cartridge Type, 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).*
Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

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NET WEIGHT: 585 LBS. (265 KG.)*
SHIPPING WEIGHT: 624 LBS. (283 KG.)*
EXPORT CRATE: 22.7 CU. FT. (0.64 CU. M.)
*ADD 15 LBS. (6.8 KG.) W/EACH SPOOL FLANGE

NOTE: OPTIONAL 400 ASA OR 400 MM DIN 2527 (PN16)
SUCTION / DISCHARGE SPOOL FLANGES

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