**PUMP SPECIFICATIONS**

**Size:** 4” x 4” (101 mm x 101 mm) NPT - Female.

**Casing:** Gray Iron 30.

**Maximum Operating Pressure** 83 psi (572 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 Self-Cleaning Wear Plate:** Hardened Alloy Steel.

**Adjustable Back 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.**

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


**Gray Iron 30 Suction and Discharge Spool Flanges:**

- 4” ASA (Specify Model T4C71SC-B/F).
- 100 mm DIN 2527 (PN 16) (Specify Model T4C71SC-B/FM).

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

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**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: 635 LBS. (288 KG.)*
SHIPPING WEIGHT: 665 LBS. (302 KG.)*
EXPORT CRATE: 22.7 CU. FT. (0.64 CU. M.)
*ADD 15 LBS. (6.8 KG.) W/EACH SPOOL FLANGE

OPTIONAL ASA OR DIN STANDARD SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE

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