PUMP SPECIFICATIONS

Size: 3” x 3” (76 mm x 76 mm) NPT - Female.
Casing: Gray Iron 30.
Maximum Operating Pressure 82 psi (565 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 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.
Optional Equipment: Tungsten Titanium Carbide Seal. Metal Bel-
lows Seal. Automatic Air Release Valve. 120V/240V Casing Heater.
Chrome Cast Iron Impeller.
Gray Iron 30 Suction and Discharge Spool Flanges:
3" ASA (Specify Model T3C71SC-B /F).
80 mm DIN 2527 (PN 16) (Specify Model T3C71SC-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**

**SECTION 55, PAGE 2075**

- **NET WEIGHT:** 497 LBS. (225 KG.)*
- **SHIPPING WEIGHT:** 512 LBS. (232 KG.)*
- **EXPORT CRATE:** 19.3 CU. FT. (0.55 CU. M.)
- *ADD 15 LBS. (6.8 KG.) W/EACH SPOOL FLANGE

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

**GORMAN-RUPP PUMPS**

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