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**: Ductile Iron 65-45-12.

Handles 2 1/2” (63,5 mm) Diameter Spherical Solids.

**Impeller Shaft**: Alloy Steel 4150.

**Shaft Sleeve**: Alloy Steel 4130.


**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**: 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**.

**Optional Equipment**: Tungsten Titanium Carbide Seal, Metal Bellows Seal. Automatic Air Release Valve. 120V/240V Casing Heater.

**High Pump Temperature Shutdown Kit. G-R Hard Iron Casing.**

Gray Iron 30 Suction and Discharge Spool Flanges:

- 3” ASA (Specify Model T3C60SC-B /F).
- 80 mm DIN 2527 (PN 16) (Specify Model T3C60SC-B /FM).

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

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**SEAL DETAIL**

## APPROXIMATE DIMENSIONS and WEIGHTS

### NET WEIGHT:
445 LBS. (202 KG.)*

### SHIPPING WEIGHT:
465 LBS. (211 KG.)*

### EXPORT CRATE:
19.3 CU. FT. (0.55 CU. M.)

*ADD 15 LBS. (6.8 KG.) W/EACH SPOOL FLANGE

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**TOTAL HEAD**

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**PERFORMANCE CURVE**

- **VOLUTE**: T3CSC-B-4
- **IMPELLER**: 11406
- **MODEL**: T3CSC-B

**NPSH**

- **SP. GR.**: 1.0
- **RPM NOTED**

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GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

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