

*Super*  
**T SERIES**

VARIOUS PATENTS APPLY

Equipped With  
**ERADICATOR**  
Solids Management System

# Self Priming Centrifugal Pump

## Model T3E71SC-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 96 psi (662 kPa).\*

**Semi-Open Type, Two Vane Impeller:** G R Hard Iron.

Handles 1 1/2" (38,1 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 <sup>w</sup>/Nylon and Steel Reinforcing.

**Seal Plate:** G R Hard Iron.

**Bearing Housing:** Gray Iron 30.

**Radial and 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, Fluorocarbon (DuPont Viton<sup>®</sup> or Equivalent).

**Hardware:** Standard Plated Steel.

**Brass Pressure Relief Valve.**

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

**Optional Equipment:** 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:

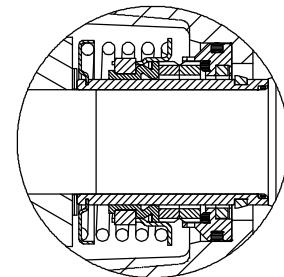
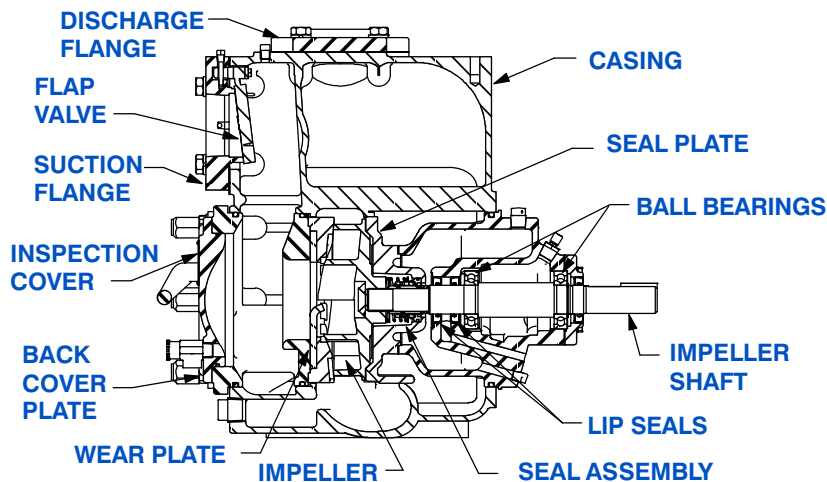
3" ASA (**Specify Model T3E71SC-B /F**).

80 mm DIN 2527 (PN 16) (**Specify Model T3E71SC-B /FM**).

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



Also Available with ASA or DIN Standard Size Suction & Discharge Spool Flanges.



### 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<sup>®</sup> or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).\*

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Specifications Subject to Change Without Notice

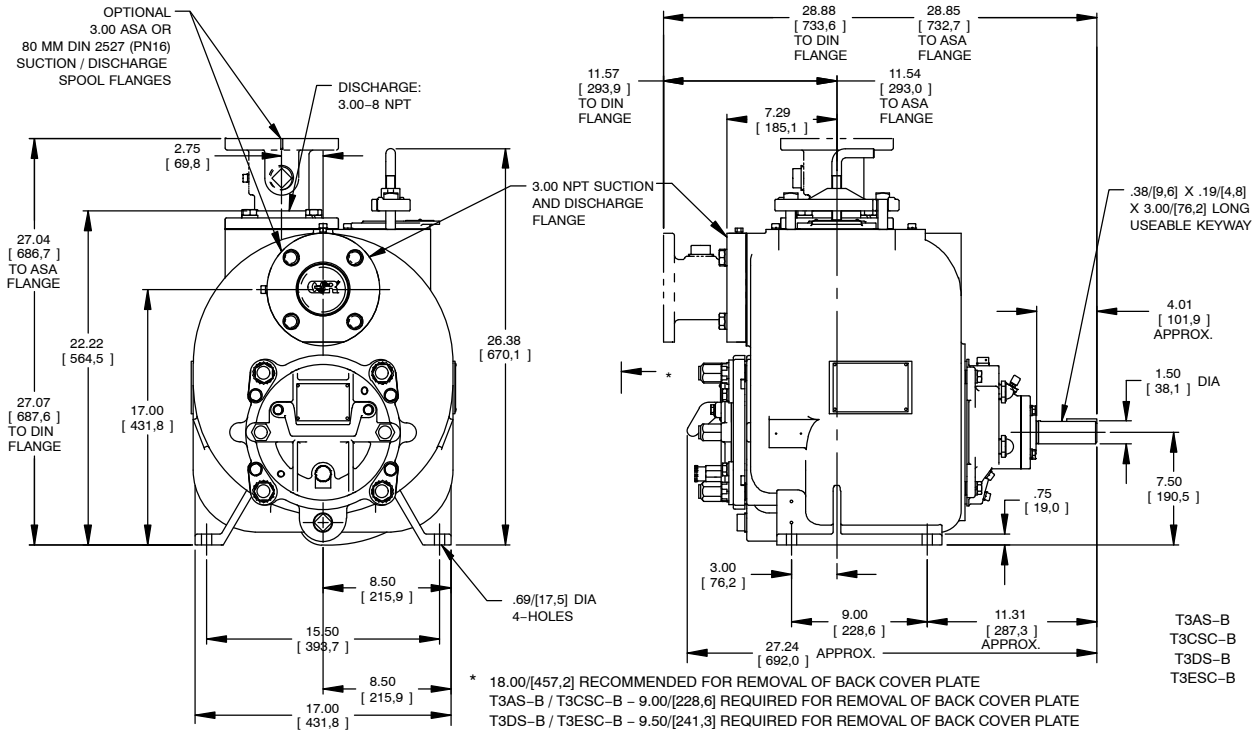
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**Specification Data**

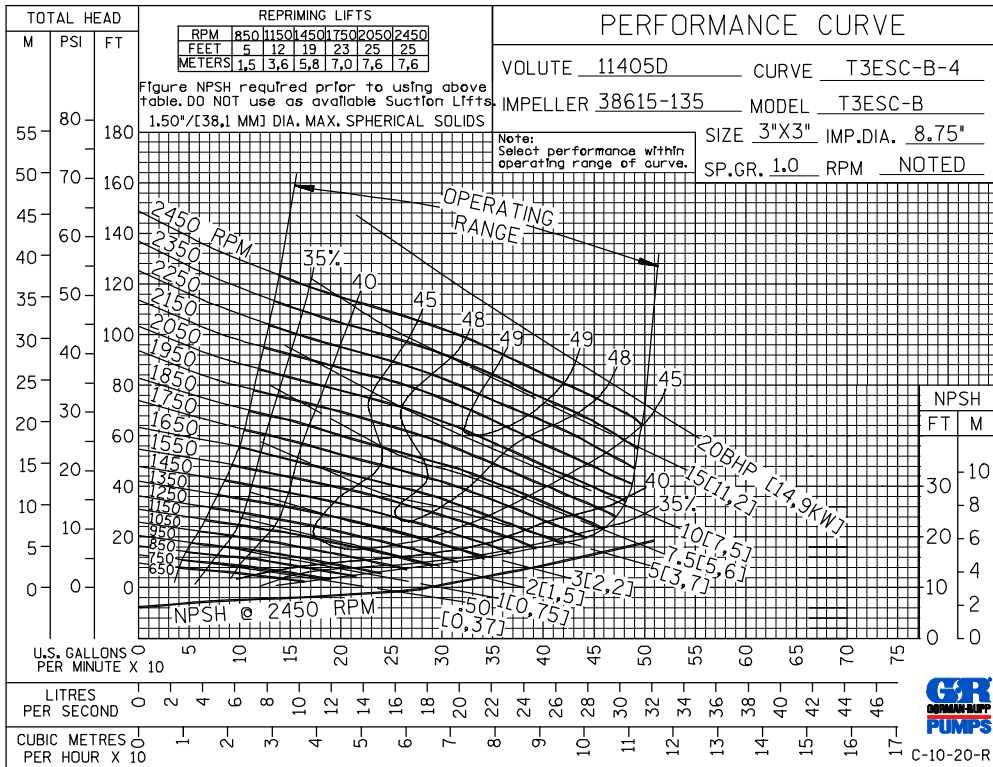
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**APPROXIMATE DIMENSIONS and WEIGHTS**

**NET WEIGHT: 450 LBS. (204 KG.)\***  
**SHIPPING WEIGHT: 465 LBS. (211 KG.)\***  
**EXPORT CRATE: 9.9 CU. FT. (0,28 CU. M.)**  
**\*ADD 10 LBS. (4,5 KG.) W/EACH SPOOL FLANGE**



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



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