

*Super*  
**TSERIES**

VARIOUS PATENTS APPLY

Equipped With  
**ERADICATOR**  
Solids Management System

# Self Priming Centrifugal Pump

## Model T2E71SC-B

Size 2" x 2"



### PUMP SPECIFICATIONS

**Size:** 2" x 2" (51 mm x 51 mm) NPT - Female.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 98 psi (676 kPa).\*

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

Handles 3/4" (19,1 mm) Diameter Spherical Solids.

**Impeller Shaft:** Alloy Steel 4150.

**Shaft Sleeve:** Alloy Steel 4130.

**Replaceable Self-Cleaning Wear Plate:** Hardened Alloy Steel.

**Removable Back Cover Plate:** Gray Iron 30.

**Removable Inspection Cover Plate:** Gray Iron 30; 3.2 lbs. (1,45 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 w/Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.

**O-Rings:** Buna-N, Fluorocarbon (DuPont Viton® 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. Gray Iron 30 Suction and Discharge Spool Flanges:

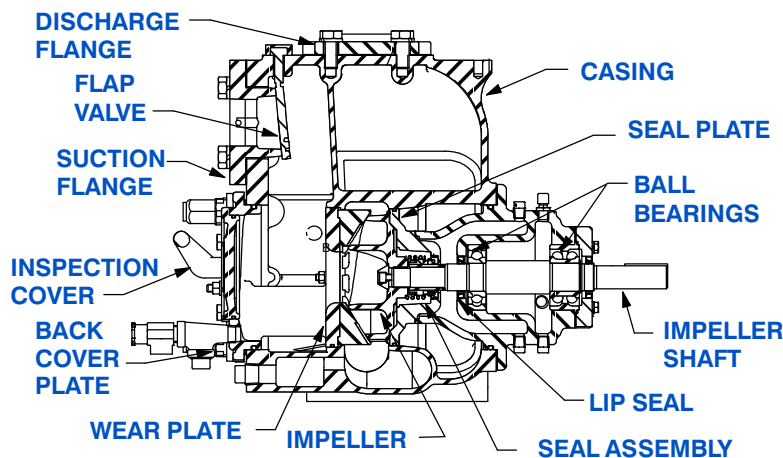
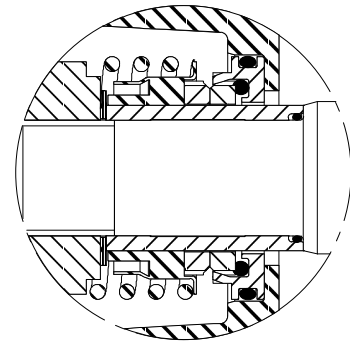
2" ASA (**Specify Model T2E71SC-B /F**).

50 mm DIN 2527 (PN 16) (**Specify Model T2E71SC-B /FM**).

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



Shown with Optional Suction & Discharge Spool Flanges (Available in ASA or DIN Standard Sizes).



### SEAL DETAIL

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).\*

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Specifications Subject to Change Without Notice

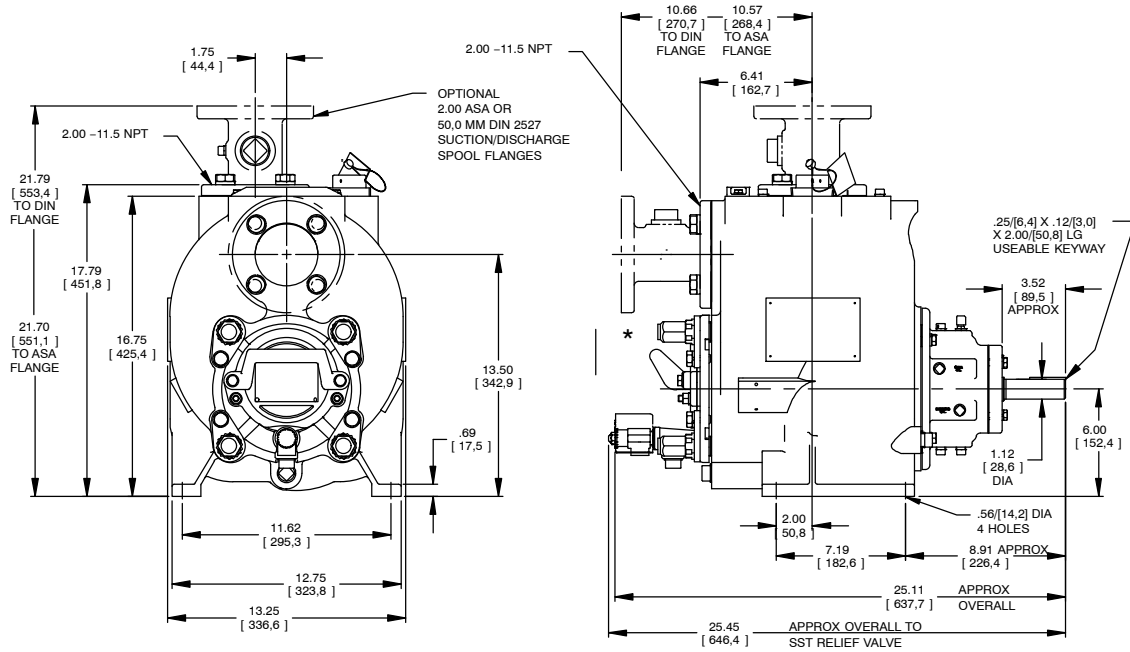
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**Specification Data**

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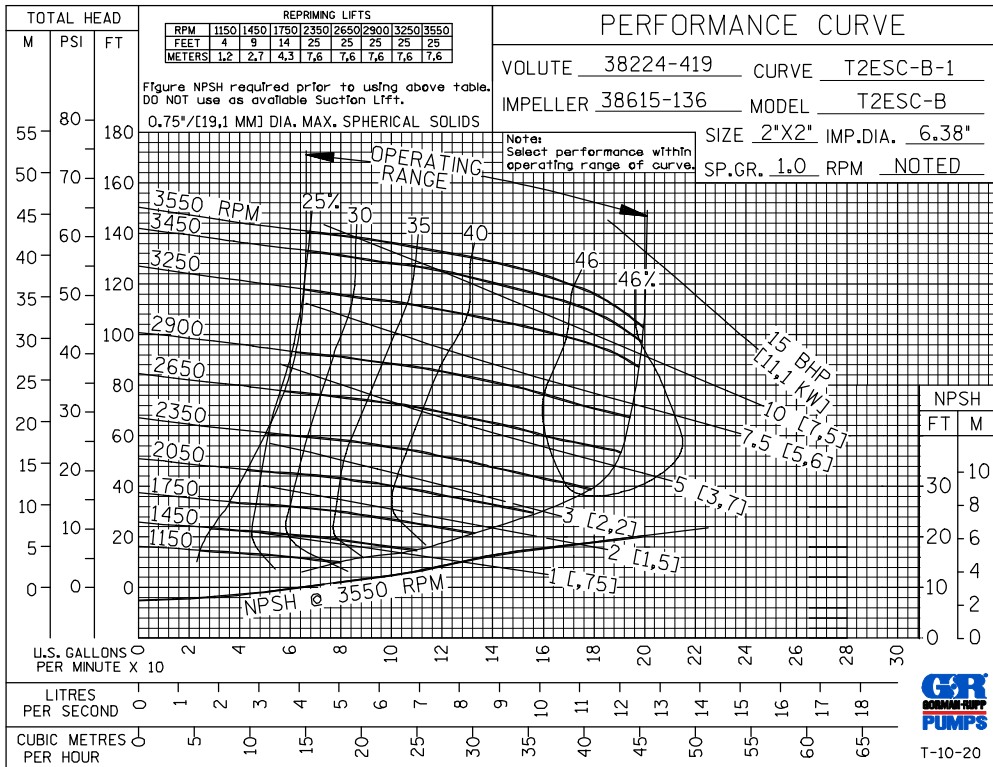
**APPROXIMATE DIMENSIONS and WEIGHTS**

**NET WEIGHT: 220 LBS. (100 KG.)\***  
**SHIPPING WEIGHT: 230 LBS. (104 KG.)\***  
**EXPORT CRATE: 6.4 CU. FT. (0,18 CU. M.)**  
**\*ADD 8 LBS. (3,6 KG.) W/EACH SPOOL FLANGE**



\* 18.00/[457,2] RECOMMENDED FOR REMOVAL OF BACK COVER PLATE  
 T2CSC-B - 8.50/[215,9] REQUIRED FOR REMOVAL OF BACK COVER PLATE  
 T2DS-B / T2ESC-B - 9.50 / [241,3] REQUIRED FOR REMOVAL OF BACK COVER PLATE

T2CSC-B  
 T2DS-B  
 T2ESC-B



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