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# Electric Motor Driven Self Priming Centrifugal Pump



## Model T2A60-KW1.5 3P /FM

Size 50 mm x 50 mm

VARIOUS PATENTS APPLY

### PUMP SPECIFICATIONS

- Size:** 50 mm x 50 mm Flanged (DIN 2527).
- Casing:** Gray Iron 30.  
Maximum Operating Pressure 560 kPa (81 psi).\*
- Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12.  
Handles 38 mm (1 1/2") Diameter Spherical Solids.
- Externally Replaceable Flap Valve:** Neoprene w/Steel Reinforcing.
- Suction Flange:** 125# Gray Iron 30.
- Discharge Flange:** 150# Steel.
- Removable Cover Plate:** Gray Iron 30; 9 kg (20 lbs).
- Replaceable Wear Plate:** Carbon Steel 1026.
- Seal Plate:** Gray Iron 30.
- Intermediate:** Gray Iron 30.
- Adaptor Shaft:** Alloy Steel 4150.
- Shaft Sleeve:** Alloy Steel 4130.
- Lip Seal:** Buna-N.
- Radial Bearing:** Permanently Lubricated Single Ball.
- Gaskets:** Buna-N, Cork and Rubber.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel.
- Brass Pressure Relief Valve.**
- Seal Cavity Oil Level Sight Gauge.**
- Steel Motor Support Feet.**

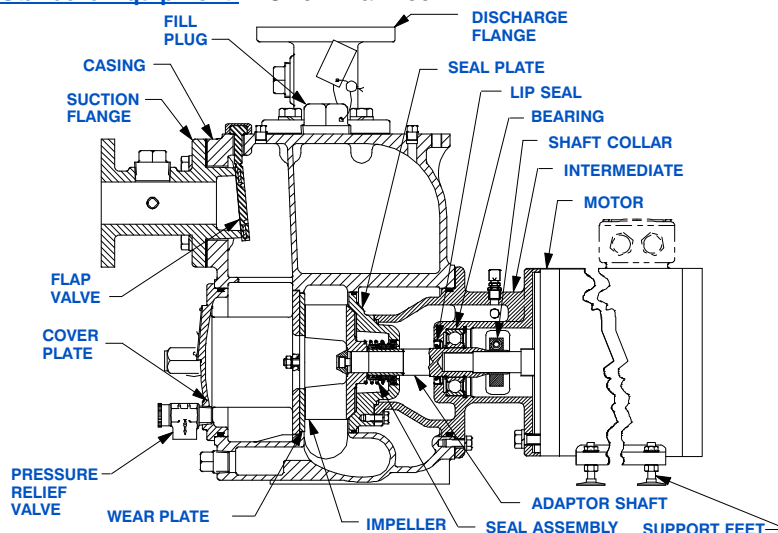


**Optional Equipment:** Strainer. Consult Factory for Additional Options.

### MOTOR SPECIFICATIONS

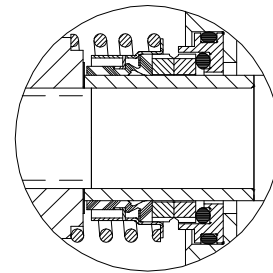
- Type:** IEC IP55.
- Rated kW:** 1.5.
- RPM:** 1450.
- Voltage:** Three Phase - 220V/380V; 50 Hz; IEC Frame 90 L; 1.0 S.F.;  
45.6/26.4 Locked Rotor Amps; 5.7/3.3 Approx. Full Load Amps.

**Standard Equipment:** IEC Terminal Block.



**WARNING!**

Do not use in explosive atmosphere or for pumping volatile flammable liquids.



### 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. Lubrication: SAE 30 Non-Detergent Oil. Maximum Temperature of Liquid Pumped, 71°C (160°F).\*

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



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**Specification Data**

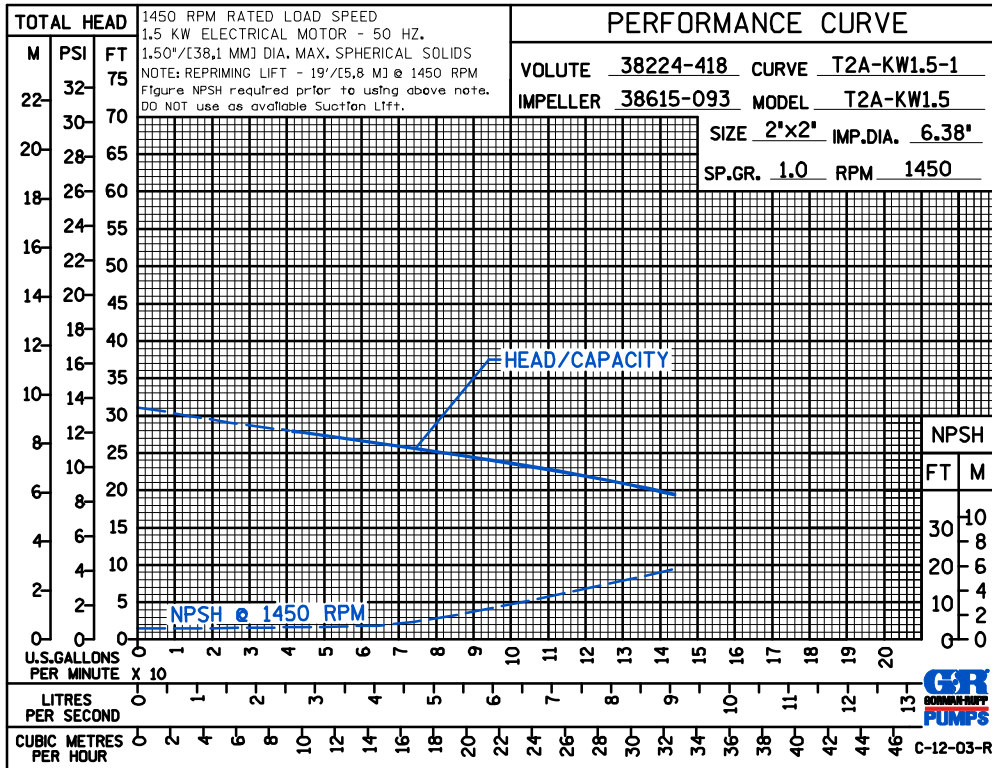
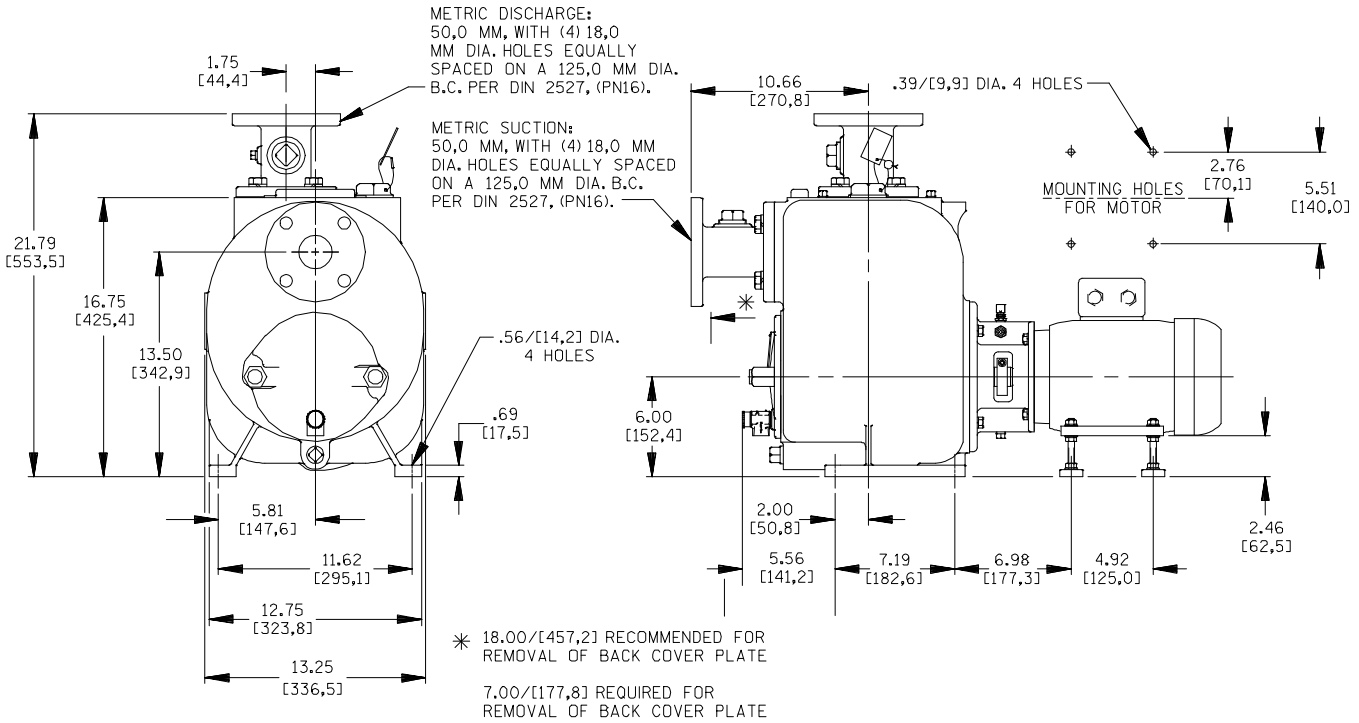
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APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT:** 102 KG. (225 LBS.)

**SHIPPING WEIGHT:** 136 KG. (300 LBS.)

**EXPORT CRATE SIZE:** 0,5 CU. M. (18.0 CU. FT.)



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