**PUMP SPECIFICATIONS**

**Size:** 12” x 10” (305 mm x 254 mm) Flanged.

- **Casing:** Ductile Iron 65-45-12. Maximum Casing Pressure 351 psi (2420 kPa).* Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100 °F (37 °C) Based on System Component Limitations.*
- **Enclosed Type, Four Vane Impeller:** Ductile Iron 80-55-06. Handles 2” (50.8 mm) Diameter Spherical Solids.
- **Suction Spool:** Gray Iron 30.
- **Impeller Shaft:** Alloy Steel 4150M.
- **Replaceable Wear Rings:** Ductile Iron 65-45-12.
- **Pedestal:** Gray Iron 30.
- **Seal Plate:** Ductile Iron 65-45-12.
- **Shaft Sleeve:** Stainless Steel 303/304.
- **Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.
- **Discharge Check Valve:** Ductile Iron Housing w/Buna-N Flapper.
- **Radial and Thrust Bearing:** Open Double Row Ball.
- **Bearing Cavity Lubrication:** Lithium EP2 Grease.
- **Gaskets:** Resistant Synthetic Rubber, Vegetable Fiber w/Compressed Synthetic Fibers.
- **O-Rings:** Buna-N.
- **Hardware:** Standard Plated Steel.
- **Seal Cavity Oil Level Sight Gauges.**

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

**Standard Equipment:**
- Belt Driven Air Compressor With Electric Motor Driven Cooling Fan (12 Volt Power Supply Required to be Supplied by End User). Strainer.

**Optional Equipment:**
- Base. NPT Threaded Flange Kit. Coupling. TEFC Motor. Suction Vacuum and Discharge Pressure Gauge Kit.

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**WARNING!**

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

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**SEAL DETAIL**

Mechanical, SAE 30 Non-Detergent Oil-Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton™ or Equivalent). Stainless Steel 316 Cage and Stainless Steel 18-8 Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*

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**GORMAN-RUPP PUMPS**

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Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

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NET WEIGHT: 2540 LBS. (1152 KG.)
SHIPPING WEIGHT: 2900 LBS. (1315 KG.)
EXPORT CRATE SIZE: 156 CU. FT. (4.4 CU. M.)

MULTI-SPEED CURVE PERFORMANCE BASED ON WATER
60 Hertz Performance Based on Water Trimmed Impeller

50 Hertz Performance Based on Water Trimmed Impeller