Standard Centrifugal Pump

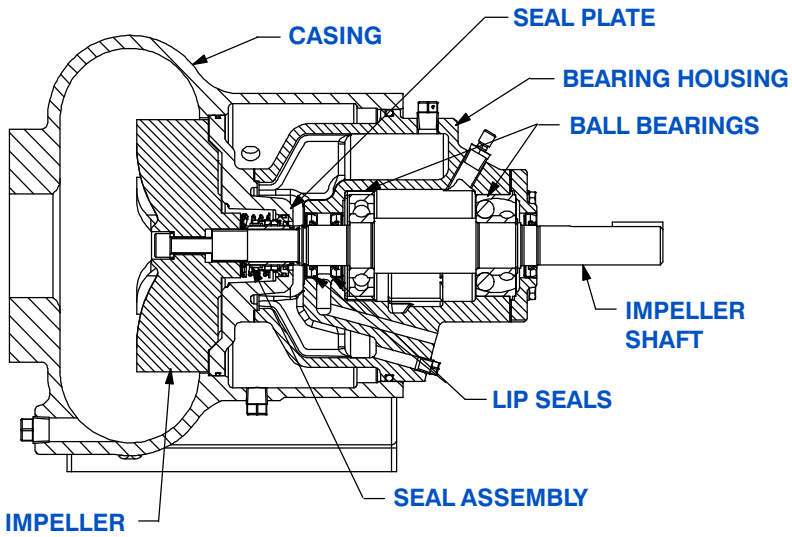
Model 6404VA71–B

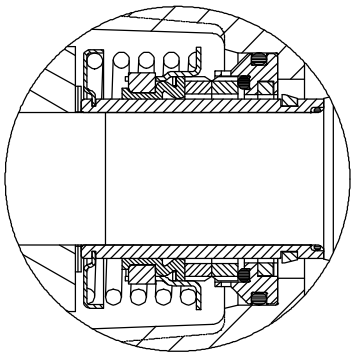
Size 4” x 4”

PUMP SPECIFICATIONS

Size: 4” x 4” (101 mm x 101 mm) Flanged.
Casing: Ductile Iron 65-45-12.
Maximum Operating Pressure 105 psi (724 kPa).*
Impeller: Vortex, Straight-Vane, GR Hard Iron
Handles 3” (76,2 mm) Diameter Spherical Solids.
Impeller Shaft: Stainless Steel 17-4 PH.
Shaft Sleeve: Alloy Steel 4130.
Seal Plate: GR 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: Ductile Iron 65-45-12.
Gaskets: Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Bearing and Seal Cavity Oil Level Sight Gauges.
Optional Equipment: Metal Bellows Seal. High Pump Temperature Shutdown Kit. Suction Spool w/Clean-out.

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





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

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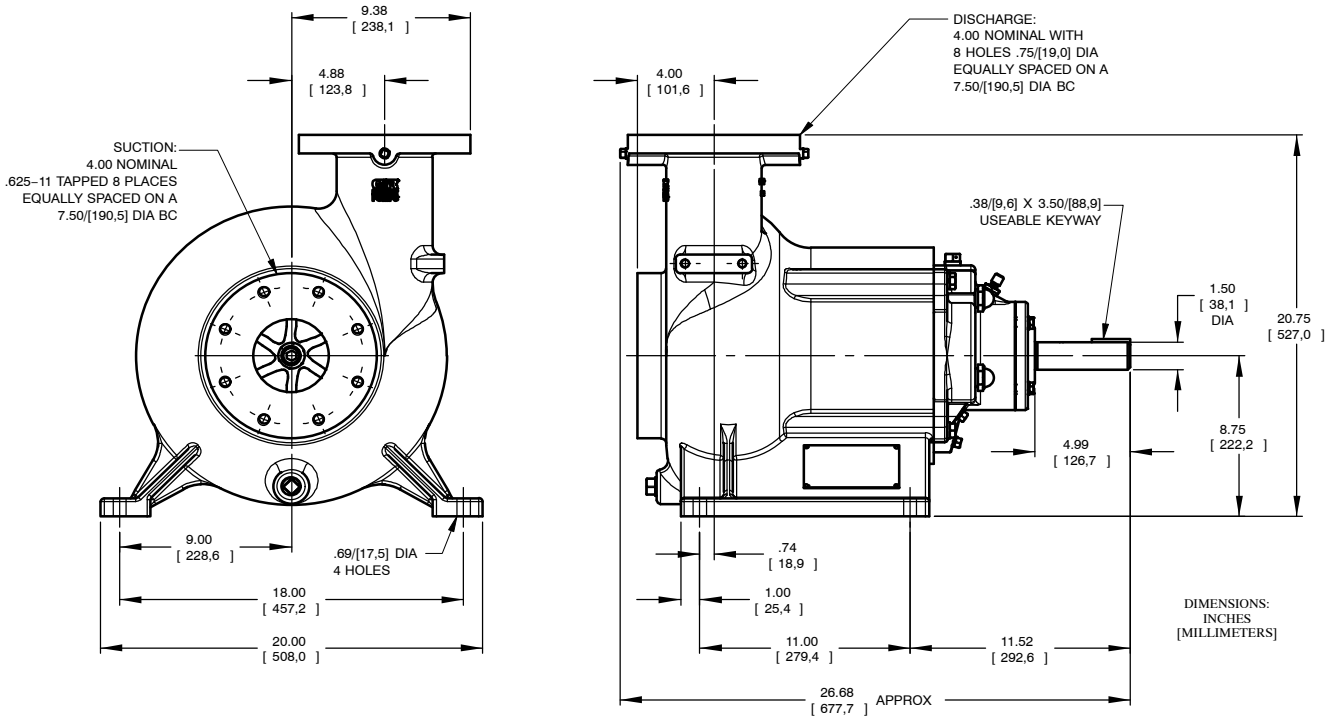
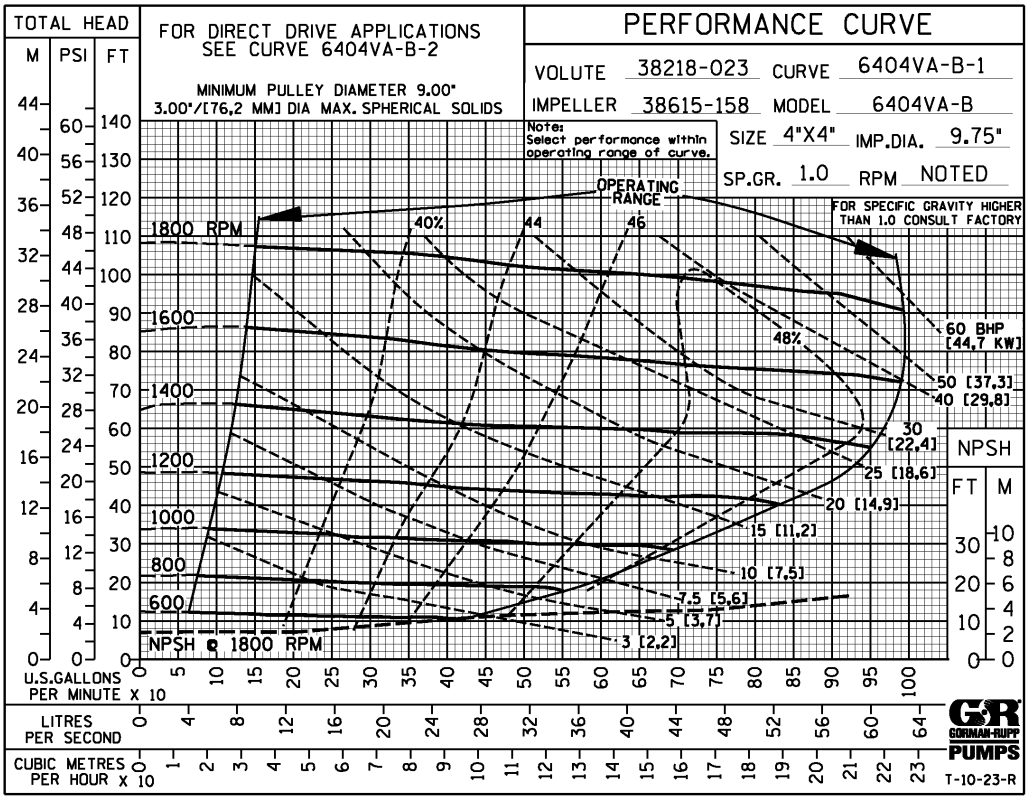
Specification Data	APPROXIMATE DIMENSIONS and WEIGHTS	NET WEIGHT: 355 LBS. (161 KG.)*
SECTION 64, PAGE 460		SHIPPING WEIGHT: 445 LBS. (202 KG.)*
		EXPORT CRATE: 10.0 CU. FT. (0,28 CU. M.)





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Specifications Subject to Change Without Notice

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