

Standard Centrifugal Pump

Model 6504A31-B

Size 6" x 4"



PUMP SPECIFICATIONS

Size: 6" x 4" (152 mm x 102 mm) Flanged.

Casing: Ductile Iron 65-45-12.

Maximum Casing Pressure 311 psi (2144 kPa).*

Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100 F (37 C) Based on System Component Limitations.*

Enclosed Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3" (76,2 mm) Diameter Spherical Solids.

Suction Head: Ductile Iron 65-45-12.

Suction Spool: Ductile Iron 65-45-12.

Impeller Shaft: Alloy Steel 4150.

Replaceable Wear Ring: Ductile Iron 65-45-12.

Pedestal: Gray Iron 30.

Seal Plate: Ductile Iron 65-45-12.

Shaft Sleeve: Stainless Steel 303/304.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

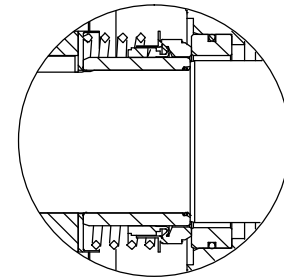
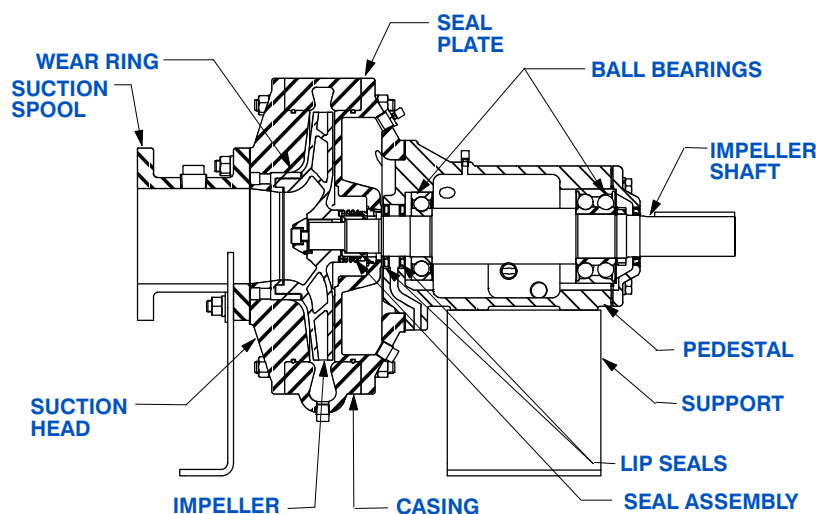
Gaskets: Red Rubber and Buna-N.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Bearing and Seal Cavity Oil Level Sight Gauges.

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



SEAL DETAIL

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



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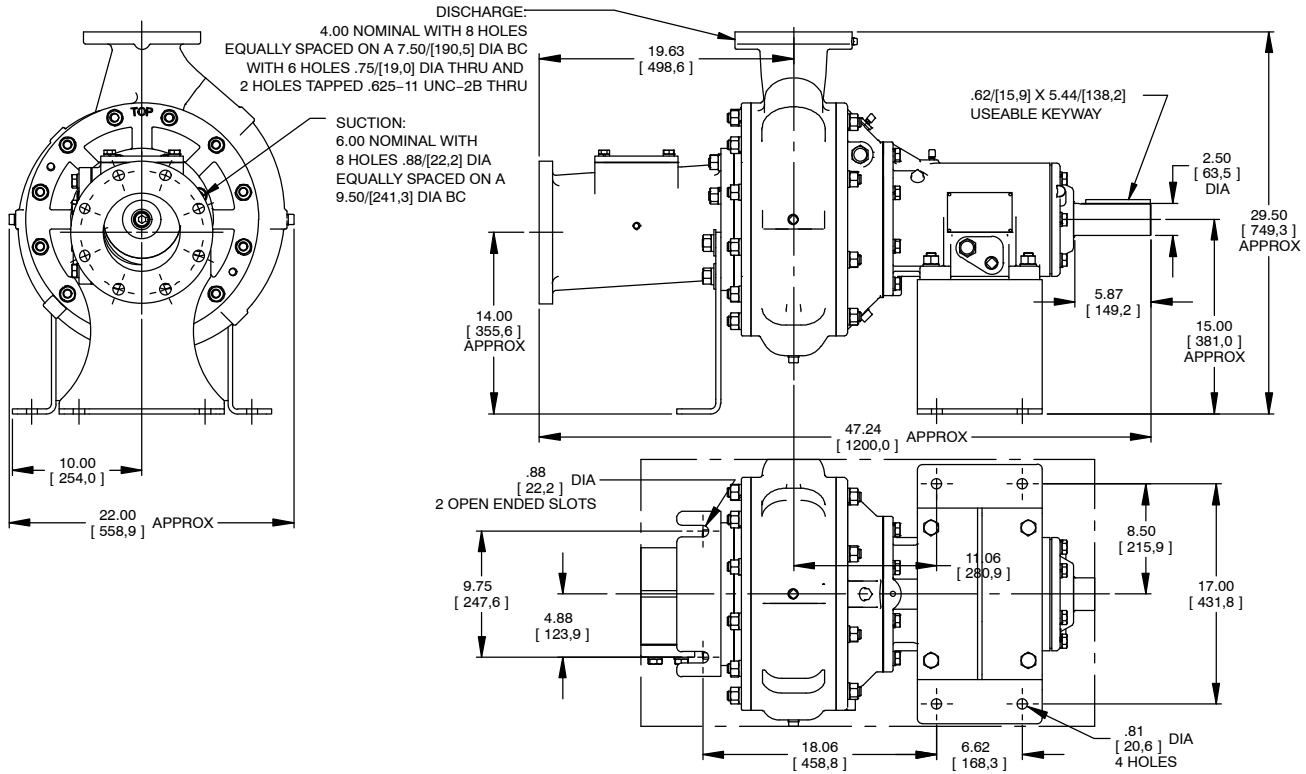
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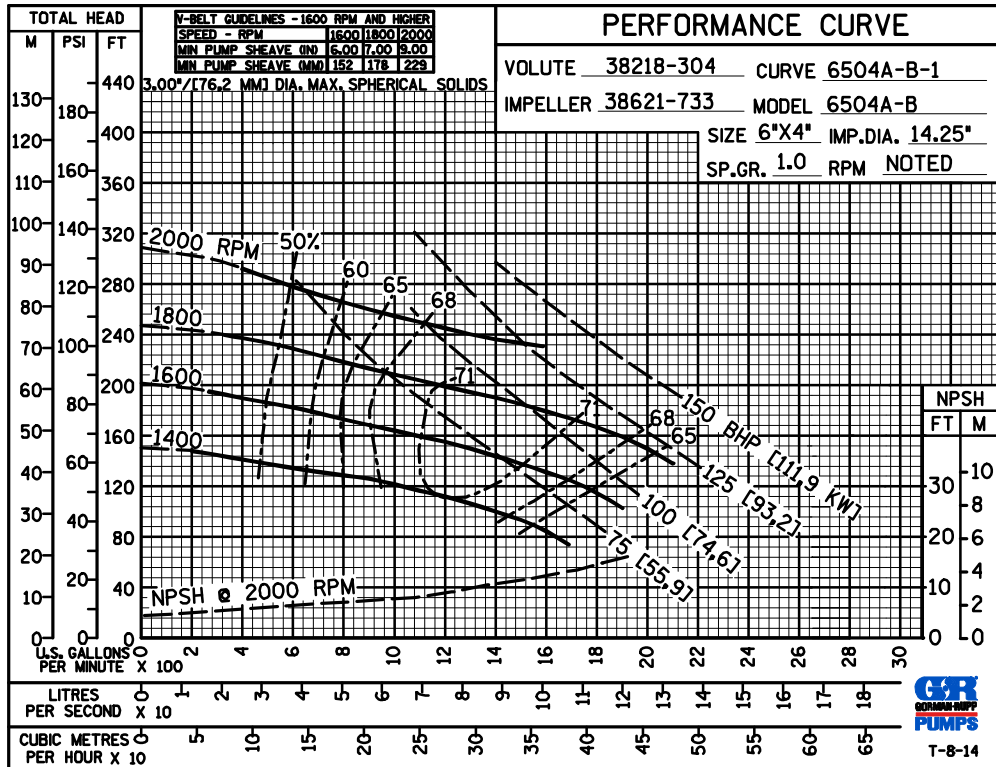
SECTION 65, PAGE 201

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 658 LBS. (298,5 KG.)
SHIPPING WEIGHT: 758 LBS. (343,8 KG.)
EXPORT CRATE: 24.3 CU. FT. (0,7 CU. M.)



**MULTI-SPEED
CURVE
PERFORMANCE
BASED ON
WATER**

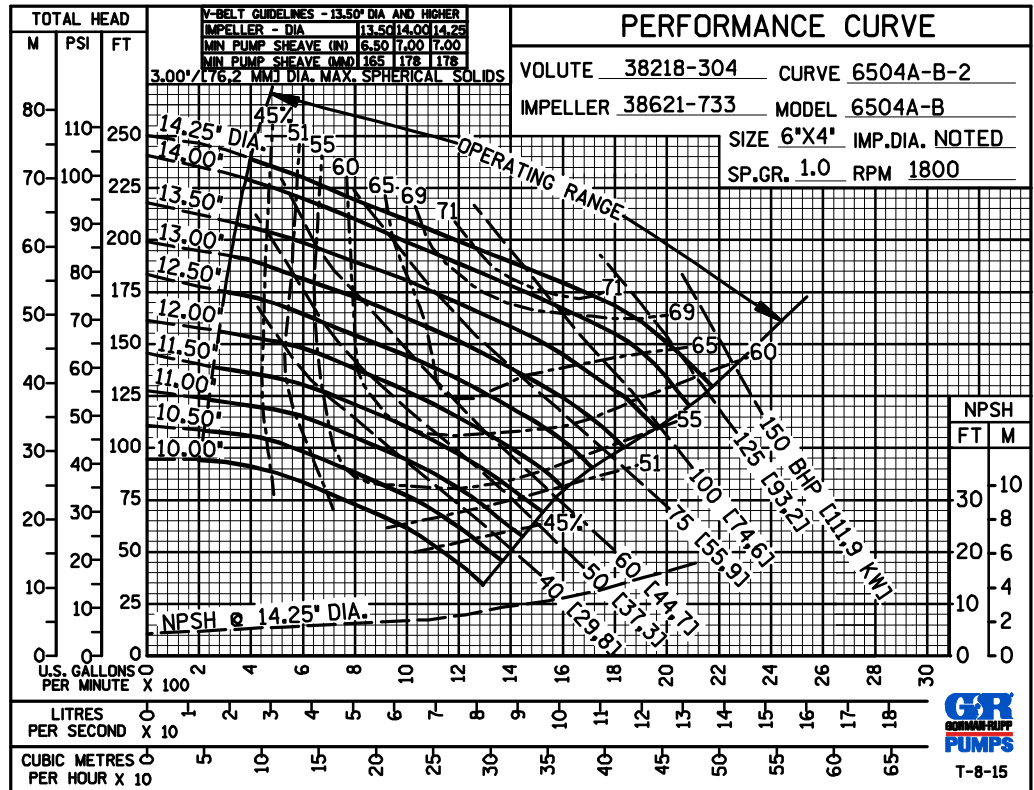


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60 HERTZ
 PERFORMANCE
 BASED ON
 WATER
 TRIMMED
 IMPELLER



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