

Standard Centrifugal Pump

Model 6514B31-B

Size 14" x 14"



PUMP SPECIFICATIONS

Size: 14" x 14" (356 mm x 356 mm) Flanged.

Casing: Ductile Iron 65-45-12.

Maximum Casing Pressure 100 psi (690 kPa).*

Enclosed Type, Four Vane Impeller: Ductile Iron 80-55-06.

Handles 3-1/2" (88,9 mm) Diameter Spherical Solids.

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 Roller.

Thrust Bearing: Open Double Row Ball.

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

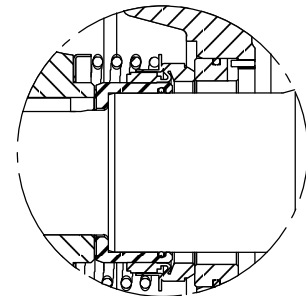
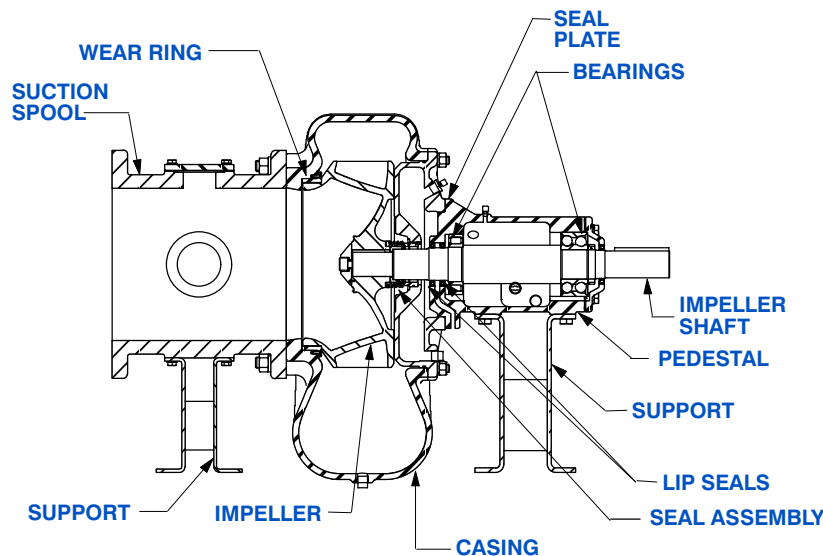
Gaskets: Vegetable Fiber, Red Rubber and Buna-N.

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

Open Double Mechanical, 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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Specifications Subject to Change Without Notice

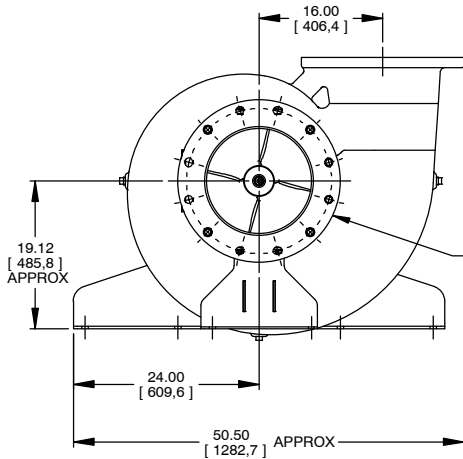
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Specification Data

SECTION 65, PAGE 701

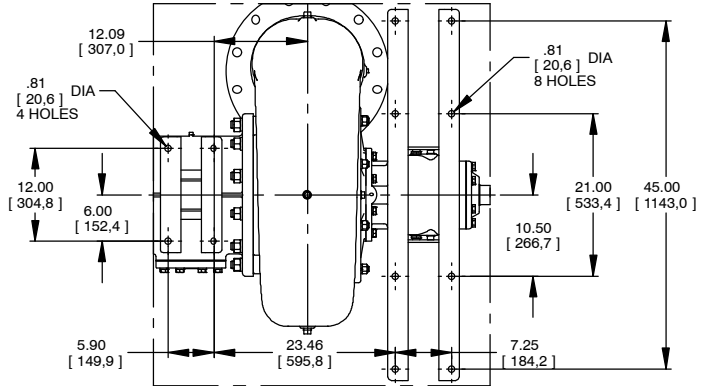
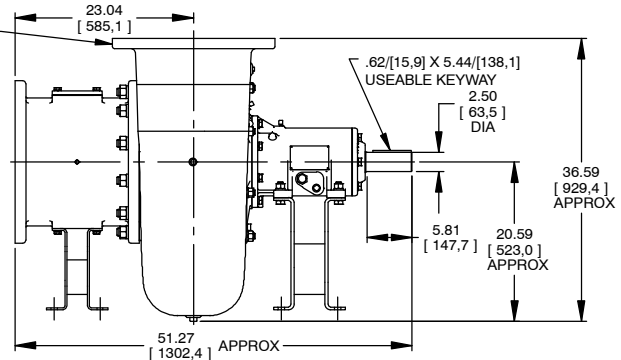
APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 1510 LBS. (684,9 KG.)
SHIPPING WEIGHT: 1680 LBS. (762,0 KG.)
EXPORT CRATE: 92.4 CU. FT. (2,6 CU. M.)

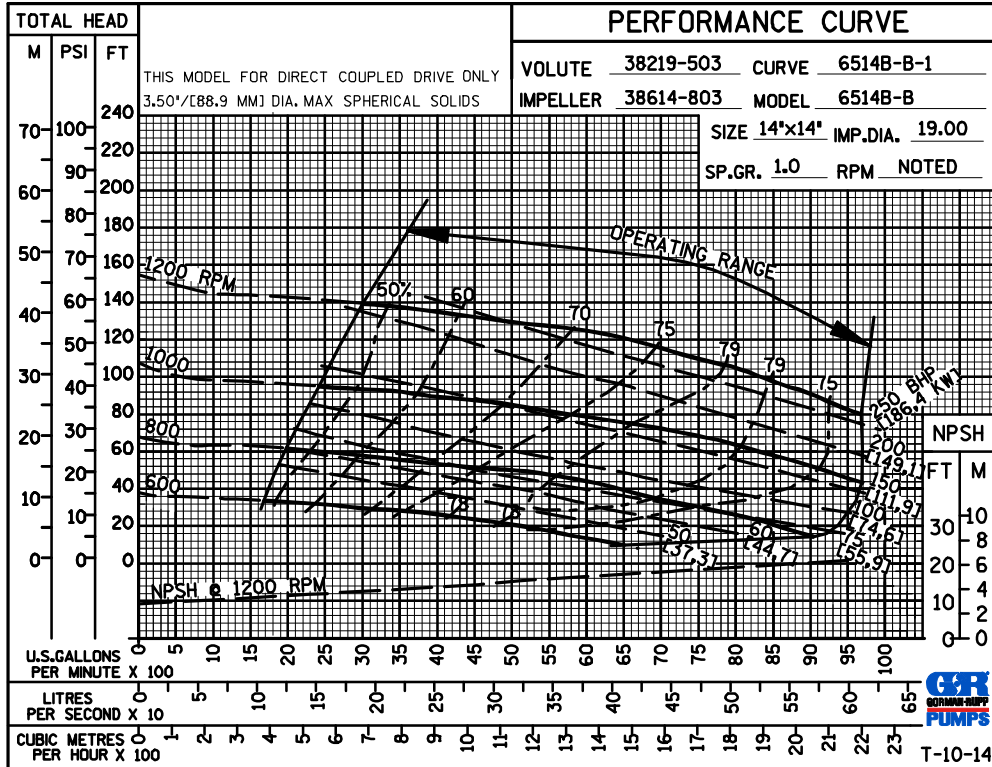


DISCHARGE:
 14.00 NOMINAL WITH
 12 HOLES 1.12/[28,6] DIA
 EQUALLY SPACED ON A
 18.75/[476,2] DIA BC

SUCTION:
 14.00 NOMINAL WITH
 12 HOLES 1.12/[28,6] DIA
 EQUALLY SPACED ON A
 18.75/[476,2] DIA BC



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



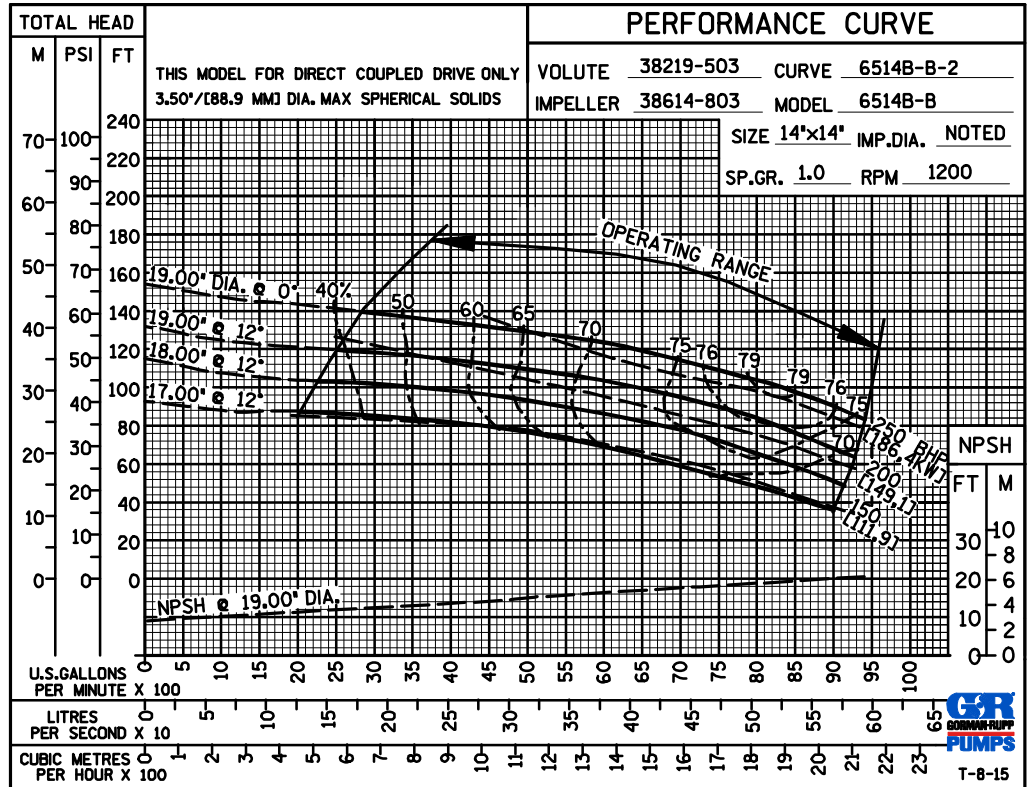
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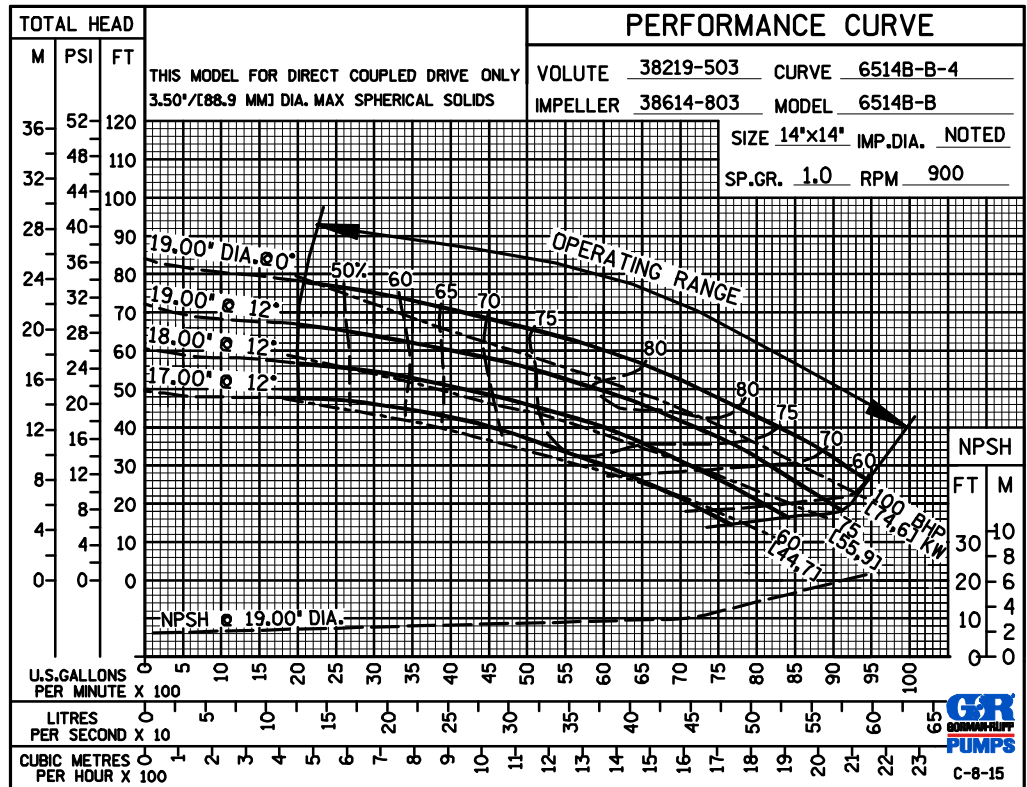
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TRIMMED
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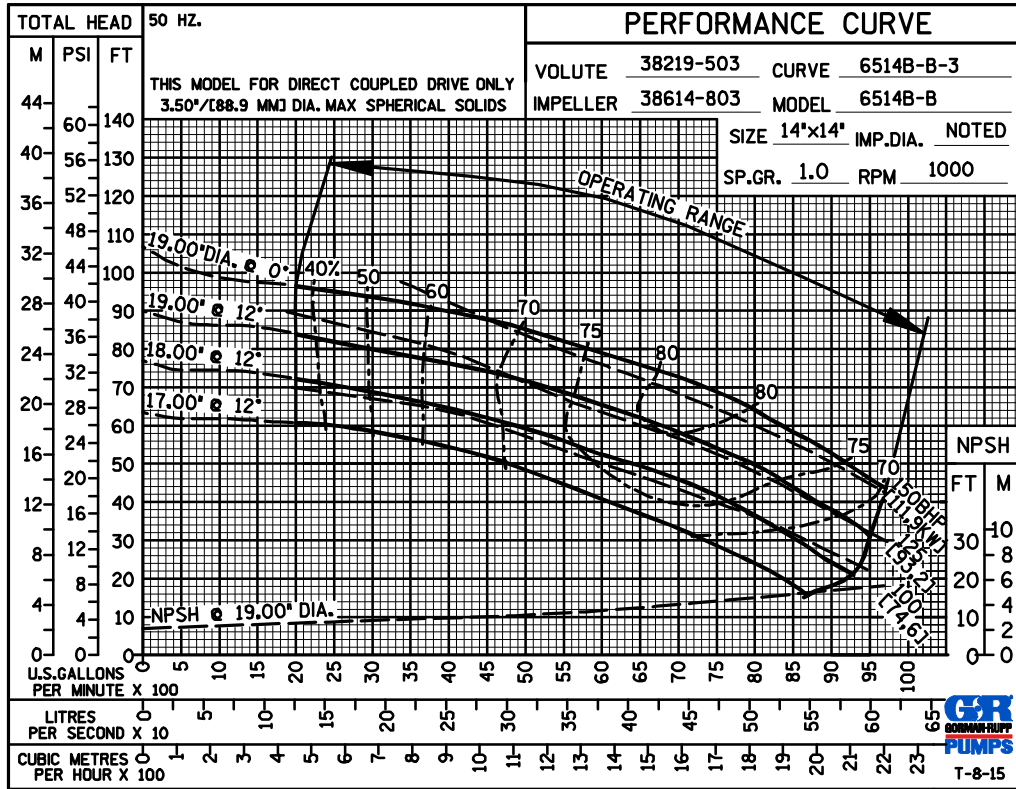
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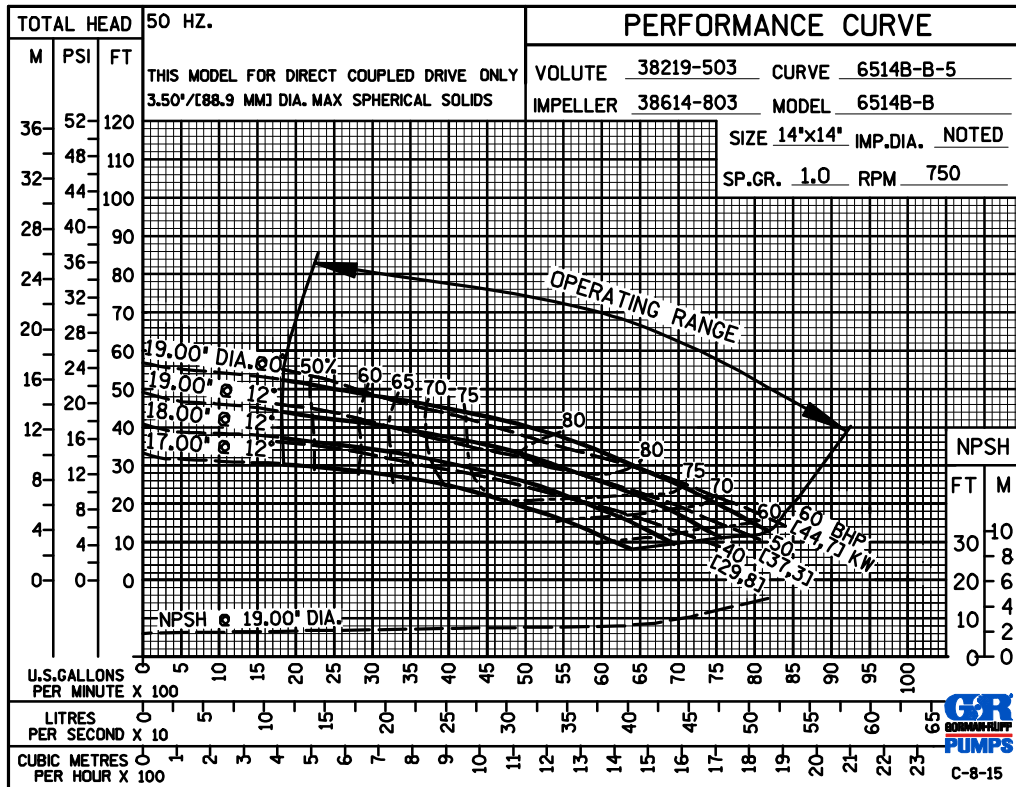
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