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ACE

Basic Pedestal



Standard Centrifugal Pump Model VG2 1/2D3-B

Size 3" x 2 1/2"

PUMP SPECIFICATIONS

Size: 3" x 2 1/2" (76 mm x 64 mm) Flanged.

Casing: Gray Iron 40.

Maximum Operating Pressure 115 psi (793 kPa).* Enclosed Type, Five Vane Impeller: Gray Iron 40. Handles 3/8" (9,5 mm) Diameter Spherical Solids.

Impeller Shaft: Steel 1045. Shaft Sleeve: Stainless Steel 420.

Seal Plate: Gray Iron 40.

Bearing Housing: Gray Iron 40.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Nitrile Rubber.

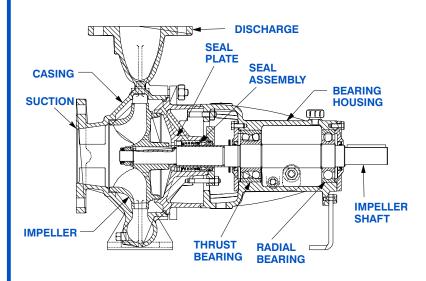
O-Ring: Fluorocarbon (DuPont Viton® or Equivalent).

Hardware: Standard Plated Steel.

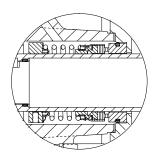
Oil Level Sight Gauge.

Optional Equipment: NPT Suction and Discharge Flanges. Strainer. Stainless Steel Impeller. Mechanical Seal with Fluorocarbon Elastomers (DuPont Viton® or Equivalent).

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







SEAL DETAIL

Type 1, Mechanical, Self-Lubricated. Carbon Rotating Face. Ceramic Stationary Seat. Buna-N Elastomers. Stainless Steel Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*



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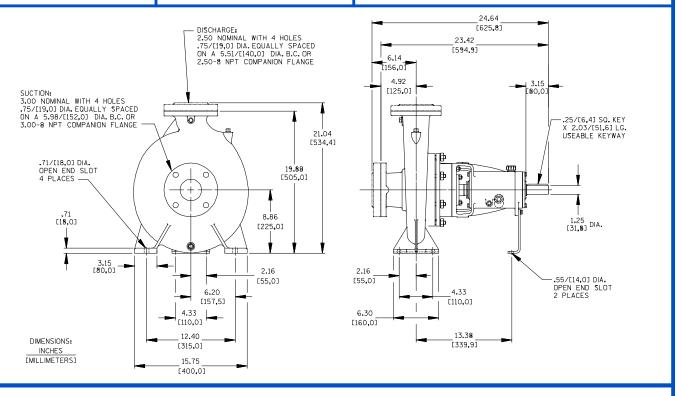
Specifications Subject to Change Without Notice

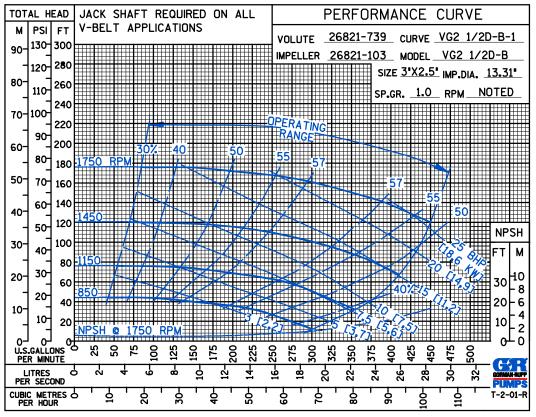
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 200 LBS. (90,7 KG.) SHIPPING WEIGHT: 210 LBS. (95,3 KG.) EXPORT CRATE SIZE: 11.9 CU. FT. (0,34 CU. M.)







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PAGE 275.1 Curve Data Sec. 70 **NOVEMBER 2007** ACE TOTAL HEAD JACK SHAFT REQUIRED ON ALL PERFORMANCE CURVE V-BELT APPLICATIONS PSI FT VOLUTE 26821-739 CURVE VG2 1/2D-B-1 300 130-90 IMPELLER 26821-103 MODEL VG2 1/2D-B 280 120 SIZE 3"X2.5" IMP.DIA. 13.31" 80 260 110-SP.GR. 1.0 RPM NOTED 240 100-70-90 200 60-80-180 50 70-160 140 60-40-**PERFORMANCE** 120 50-**NPSH BASED ON** 100 **WATER** 30-40-М 80 30^{H0} 30-20-60 - 8 20-40 20 - 6 10-10-10 - 2 1750 RPM OT 0 0 U.S.GALLONS 25 50 75 10 PER MINUTE 30-4 8 32 8 PUMF PER SECOND CUBIC METRES 6 傛 힉 þ ద T-2-01-R TOTAL HEAD JACK SHAFT REQUIRED ON ALL PERFORMANCE CURVE PSI FT V-BELT APPLICATIONS VOLUTE 26821-739 CURVE VG2 1/2D-B-2 130 300 90-IMPELLER 26821-103 MODEL VG2 1/2D-B 280 120-SIZE 3"X2.5" IMP.DIA. NOTED 80-260 110-SP.GR. 1.0 RPM 240 100 70-220 90 200 60-80 180 50 70-160 140 60-**PERFORMANCE** 40-**BASED ON** 120 50-**NPSH** WATER 30-40-FT М 80 30 ¹⁰ 30-20-60 - 8 20-20 - 6 40 10-10-10 20 OT 0 0-25 50 75 8 U.S.GALLONS PER MINUTE 5 LITRES 22-PUMPS PER SECOND CUBIC METRES & T-5-01-R THE GORMAN-RUPP COMPANY ● MANSFIELD. OHIO



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Specifications Subject to Change Without Notice

Curve Data

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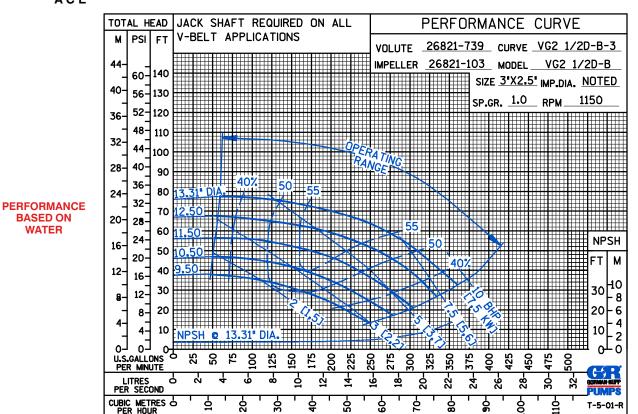
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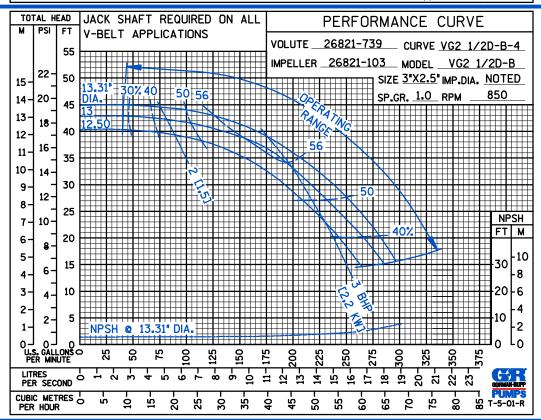
BASED ON

WATER



PERFORMANCE BASED ON

WATER





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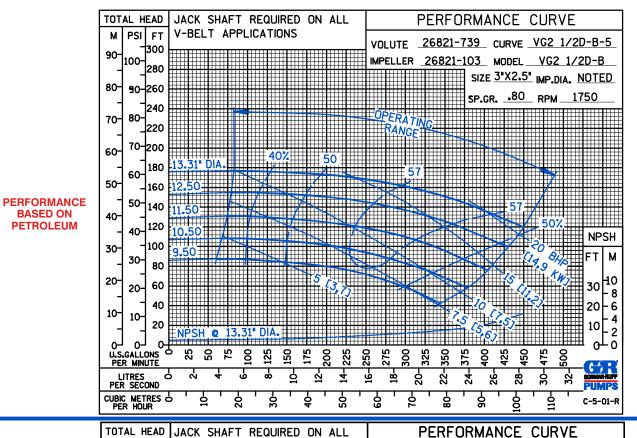
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Specifications Subject to Change Without Notice

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BASED ON



36 40-110 32-35-100 28 90 30-80

V-BELT APPLICATIONS

PSI FT

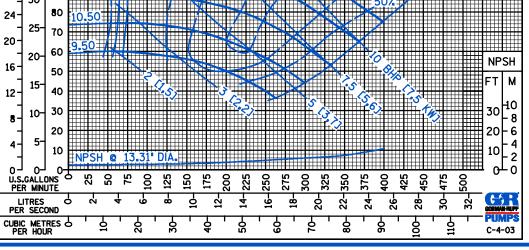
45-130

140

44-50-

40 -

PERFORMANCE BASED ON PETROLEUM



50 54 RAA

VOLUTE 26821-739 CURVE VG2 1/2D-B-6

IMPELLER <u>26821-103</u> MODEL <u>VG2 1/2D-B</u>

SIZE 3"X2.5" IMP.DIA. NOTED

SP.GR. _80 RPM



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