

CDSW

Vertically Staged Self Priming Centrifugal Pumps

Ultra V Basic Pump ^w/UltraMate Second Stage



Model VS3A60-B

Size 4" x 3"



PUMP SPECIFICATIONS

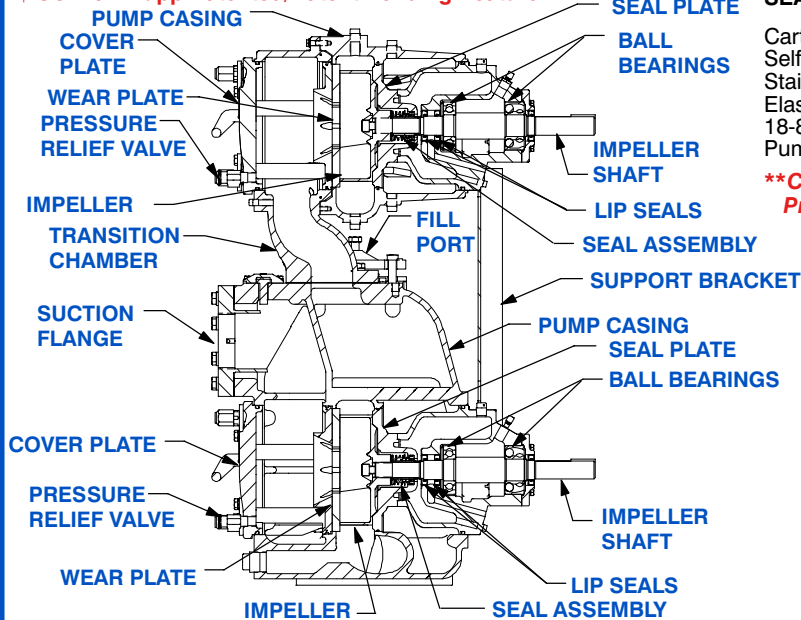
- Size:** 4" x 3" (102 mm x 76 mm).*
- Pump Casings:** Gray Iron No. 30.†
- Maximum Operating Pressure 249 psi (1717 kPa).**
- Semi-Open Type, Two Vane Impellers:** Ductile Iron No. 65-45-12.
Handles 2-1/2" (63,5 mm) Diameter Spherical Solids.
- Impeller Shafts:** Alloy Steel No. 4140.
- Self-Cleaning Replaceable Wear Plates:** Carbon Steel No. 1015.†
- Shimless Adjustable Cover Plates:** Gray Iron No. 30.†
- Suction Flange:** Gray Iron No. 30.
- Bearing Housings:** Gray Iron No. 30.
- Seal Plates:** Gray Iron No. 30.
- Shaft Sleeves:** Alloy Steel No. 4130.
- Radial and Thrust Bearings:** Open Double Ball.
- Bearing and Seal Cavity Lubrication:** SAE No. 30 Non-Detergent Oil.
- Gaskets:** Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.
- O-Rings:** Buna-N.
- Transition Chamber:** Ductile Iron No. 65-45-12.†
- Hardware:** Standard Plated Steel.
- Brass Pressure Relief Valves.**
- Bearing and Seal Cavity Oil Level Sight Gauges.**
- Optional Equipment:** Automatic Air Release Valve. High Pump Temperature Shutdown Kit. Stainless Steel/G-R Hard Iron Impellers and Wear Plates. 120/240 Volt Casing Heater.
- *Optional Gray Iron No. 30 Flange Kits Available as Follows
(See Price Sheets):
3" 125# Female NPT Discharge Flange Kit.
4" and 3" ASA Suction/Discharge Spool Flange Kits.
100 mm and 80 mm DIN 2527 (PN 16) Suction/Discharge Spool Flange Kits.

UltraMate
Second
Stage

Ultra V
Basic
Pump



† Gorman-Rupp Patented/Patent Pending Feature.

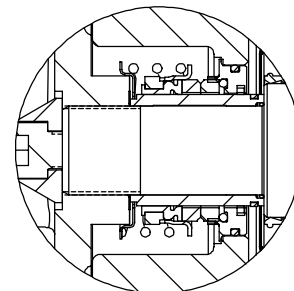


SEAL SPECIFICATIONS

Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel No. 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton[®] or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).†**

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

SEAL DETAIL



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

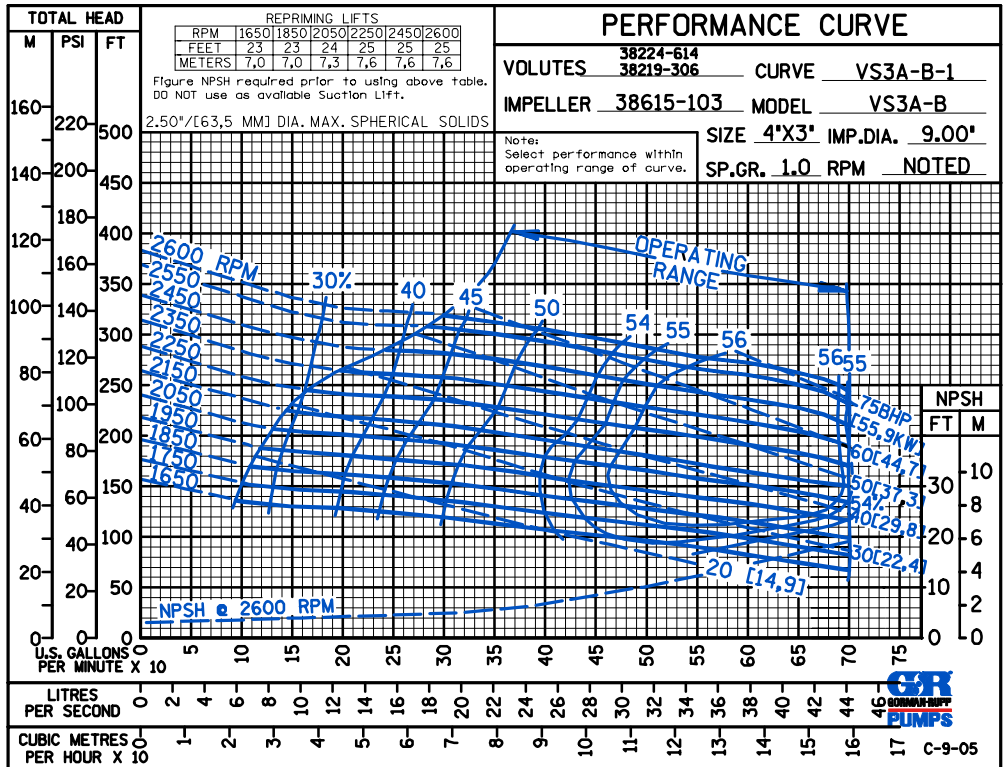
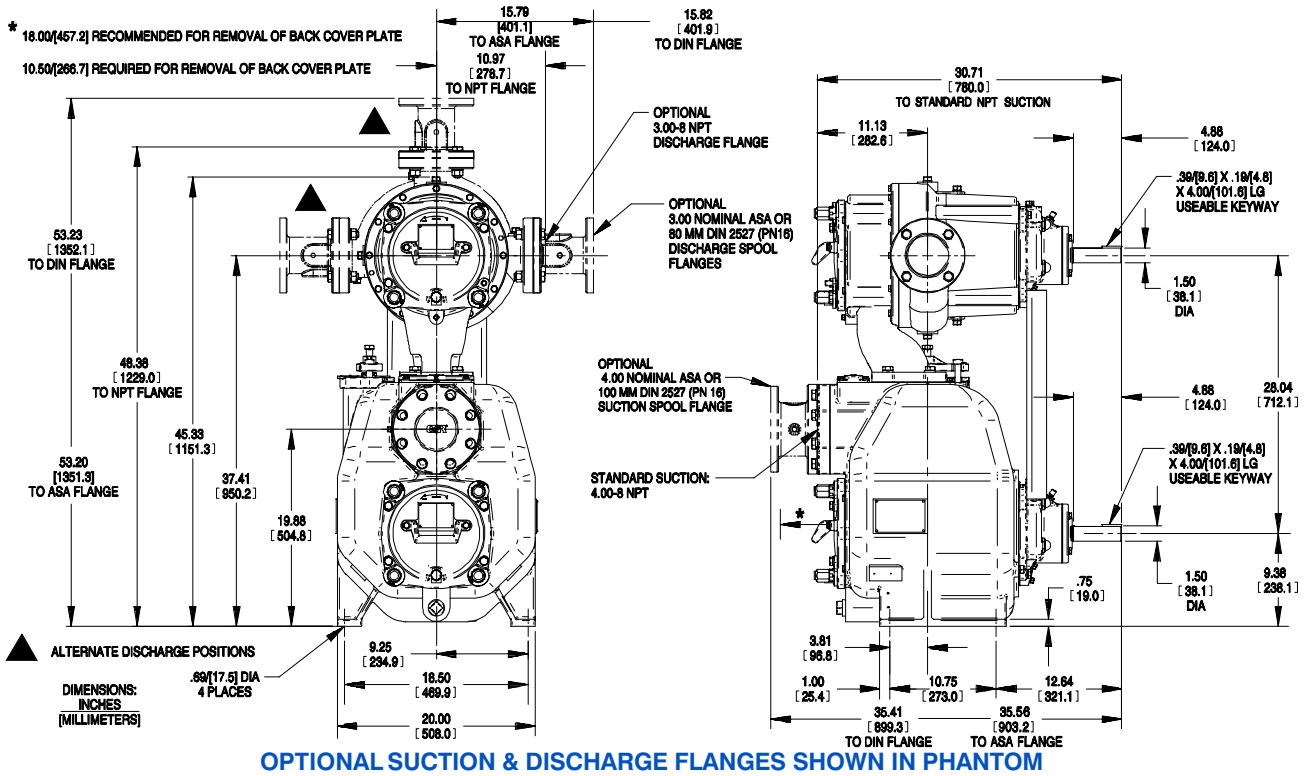
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Specification Data

SECTION 55, PAGE 3000

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 1120 LBS. (508 KG.)*
SHIPPING WEIGHT: 1195 LBS. (542 KG.)*
EXPORT CRATE: 53 CU. FT. (1,5 CU. M.)
*WEIGHTS DO NOT INCLUDE OPTIONAL FLANGE KITS.



Total
Combined
H.P.
Shown



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