

CDS

# Self Priming Centrifugal Pump

*Super*  
**U SERIES**  
VARIOUS PATENTS APPLY

## Model U3A60S-B

### Size 3" x 3"



#### PUMP SPECIFICATIONS

**Size:** 3" (76 mm) Flange Suction x 3" (76 mm) NPT Discharge.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 139 psi (958 kPa).\*

**Semi-Open Type, Six Vane Impeller:** Ductile Iron 60-40-18.

Handles 13/16" (20,6 mm) Diameter Spherical Solids.

**Impeller Shaft:** Alloy Steel 4150.

**Replaceable Wear Plate:** Gray Iron 30.

**Removable Adjustable Cover Plate:** Gray Iron 30; 60 lbs. (27 kg).

**Suction Extension Pipe:** Schedule 40 Steel w/Gray Iron Flange.

**Bearing Housing:** Gray Iron 30.

**Seal Plate:** Gray Iron 30.

**Shaft Sleeve:** Alloy Steel 4130.

**Radial Bearing:** Open Single Row Ball.

**Thrust Bearing:** Open Double Row Ball.

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

**Flanges:** Gray Iron 30.

**Gaskets:** Cork, Rubber, Vegetable Fiber and PTFE.

**O-Rings:** Buna-N and Fluorocarbon (DuPont Viton® or Equivalent).

**Hardware:** Standard Plated Steel.

**Brass Pressure Relief Valve.**

**Victaulic® Suction Coupling.**

**Bearing and Seal Cavity Oil Level Sight Gauges.**

**Optional Equipment:** Stainless Steel 316 Pressure Relief Valve. G-R Hard Iron and Stainless Steel Impeller, Seal Plate, and Wear Plate. Automatic Air Release Valve. 120V/240V Casing Heater. High Pump Temperature Shutdown Kit. Permalon, Kalrez or Fluorocarbon Metal Bellows Seals. Stainless Steel Cartridge Seal.

**Discharge Spool Flange:** Gray Iron 30.

3" ASA (**Specify Model U3A60S-B /F**).

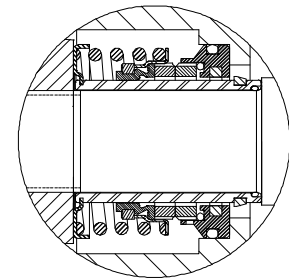
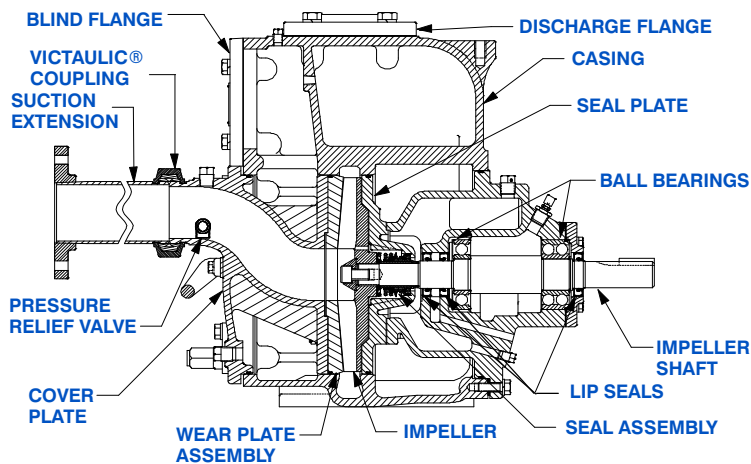
80 mm DIN 2527 (PN 16). Gray Iron 30 Suction and Discharge Spool Flanges.

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

Victaulic is a Registered Trademark of Victaulic Company of America.



Shown w/Optional  
Discharge Spool Flange



#### 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).\*



### THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

www.grpumps.com

Specifications Subject to Change Without Notice

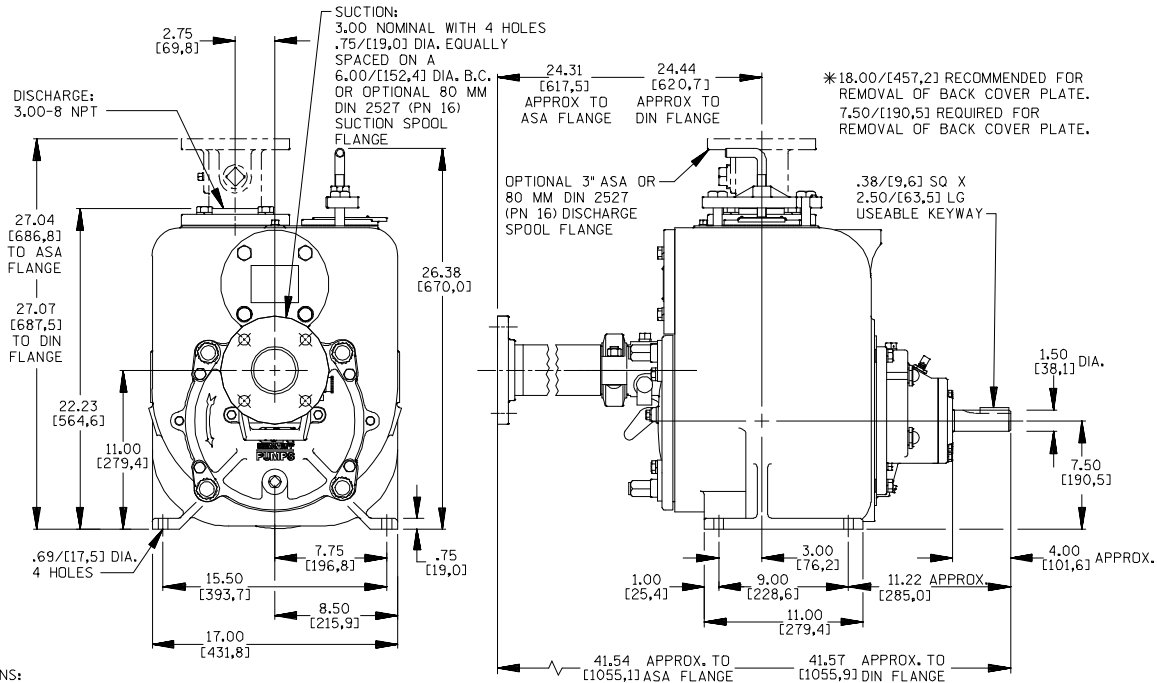
Printed in U.S.A.

**Specification Data**

**SECTION 50, PAGE 2700**

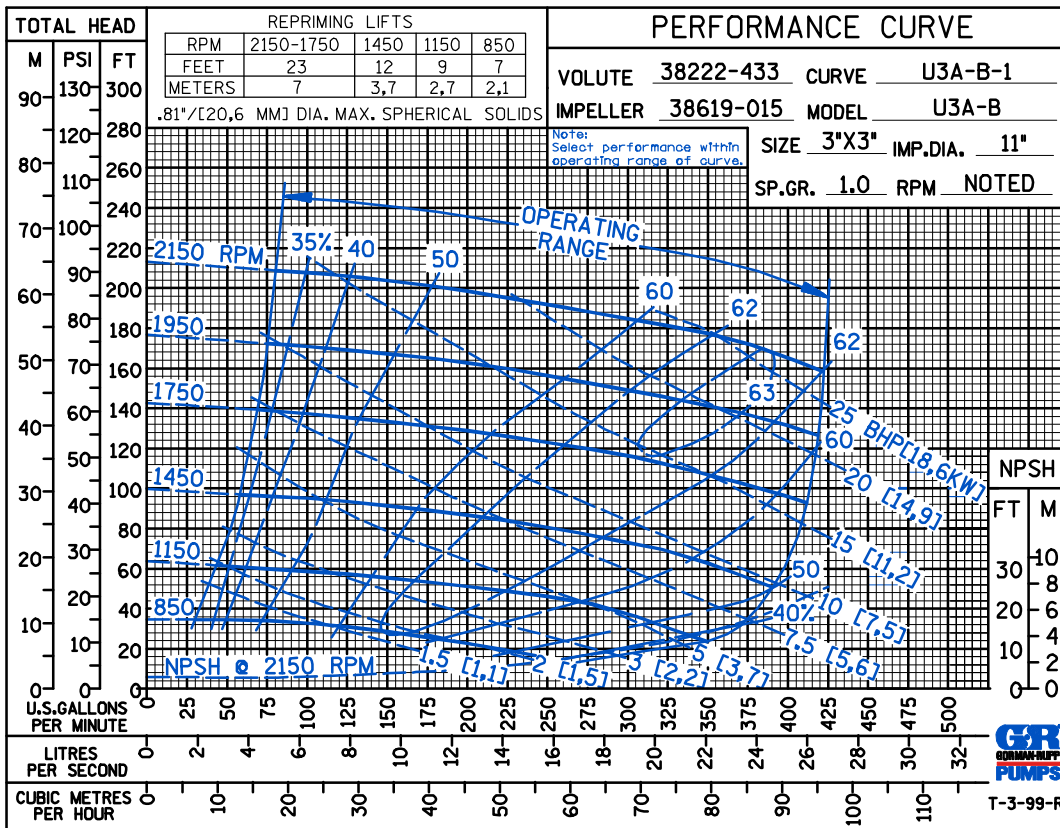
APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT: 511 LBS. (231 KG.)**  
**SHIPPING WEIGHT: 531 LBS. (241 KG.)**  
**EXPORT CRATE: 20 CU. FT. (0,59 CU. M.)**



DIMENSIONS:  
INCHES  
[MILLIMETERS]

**NOTE: OPTIONAL ASA OR DIN STANDARD SPOOL FLANGES AVAILABLE**



**THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**

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

Specifications Subject to Change Without Notice

Printed in U.S.A.