



Self Priming Centrifugal Pump

Models 14A9-B and 14A22-B

Size 4" x 4"

PUMP SPECIFICATIONS

Size: 4" x 4" (102 mm x 102 mm) NPT - Female.

Casing: Stainless Steel 316.

Maximum Operating Pressure 81 psi (558 kPa).*

Semi-Open Type, Two Vane Impeller: Stainless Steel 316.

Handles 1 13/16" (46 mm) Diameter Spherical Solids.

Impeller Shaft: Stainless Steel 17-4PH.

Shaft Sleeve: Stainless Steel 17-4PH.

Replaceable Wear Plate: Stainless Steel 316.

Removable Cover Plate: Stainless Steel 316; 22 lbs. (10 kg).

Pedestal: Gray Iron 30.

Seal Plate: Stainless Steel 316.

Flap Valve: Fluorocarbon Elastomers (DuPont Viton® or Equivalent) and Stainless Steel 316.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Flanges: Stainless Steel 316.

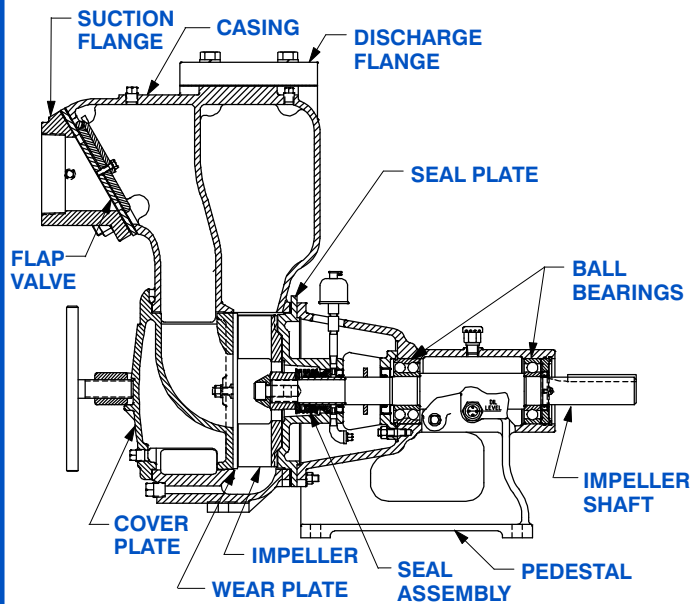
Gaskets: PTFE and Fluorocarbon (DuPont Teflon® and Viton® or Equivalents).

Internal Wetted Hardware: Stainless Steel 316.

External Hardware: Standard Plated Steel; Stainless Steel 316.

Optional Equipment: Consult Factory.

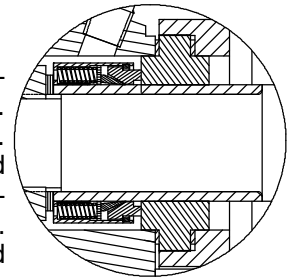
**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*



14A22-B SHOWN

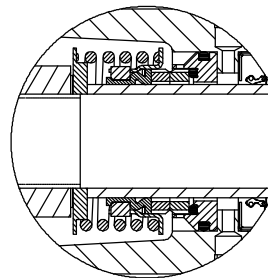
14A9-B SEAL DETAIL

Type 9, Mechanical, Self-Lubricated. Carbon Rotating Face. Ceramic Stationary Face. Stainless Steel 316 Cage and Spring. PTFE Elastomers (DuPont Teflon® or Equivalents). Maximum Temperature of Liquid Pumped, 160°F (71°C).*



14A22-B SEAL DETAIL

Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Tungsten Titanium 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

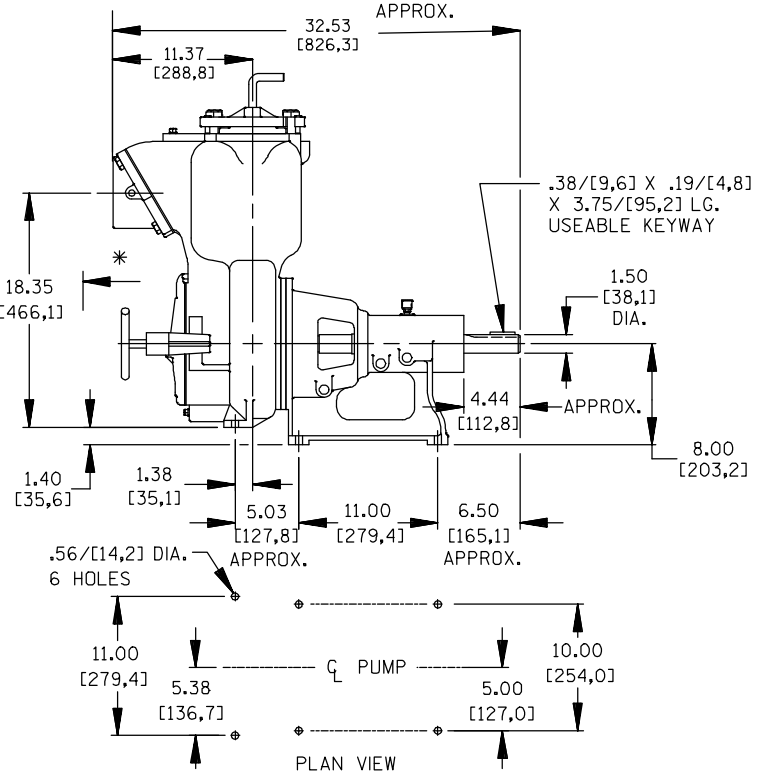
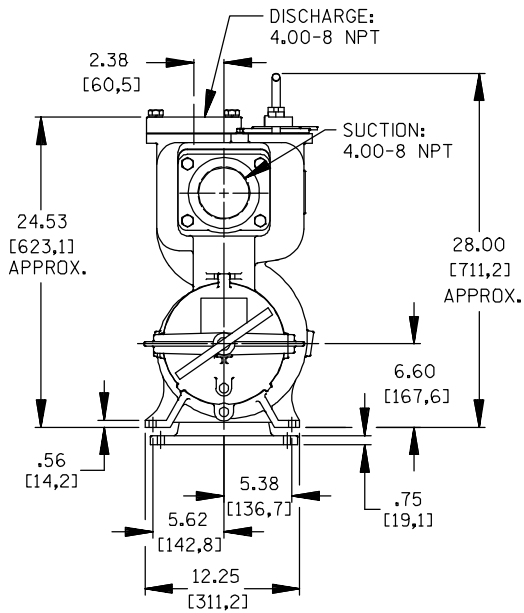
Printed in U.S.A.

Specification Data

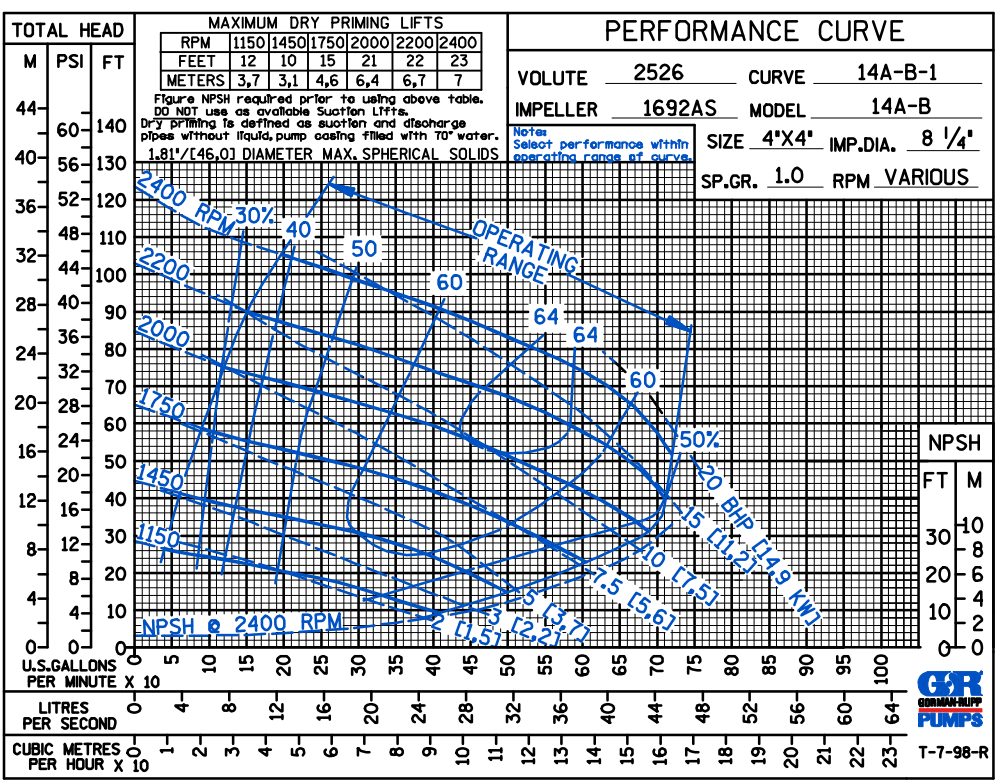
SECTION 55, PAGE 604

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 313 LBS. (142 KG.)
 SHIPPING WEIGHT: 328 LBS. (149 KG.)
 EXPORT CRATE SIZE: 18 CU. FT. (0,51 CU. M.)



DIMENSIONS: INCHES [MILLIMETERS]
 * 18.00/[457,2] RECOMMENDED FOR REMOVAL OF BACK COVER PLATE
 6.00/[152,4] REQUIRED FOR REMOVAL OF BACK COVER PLATE



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

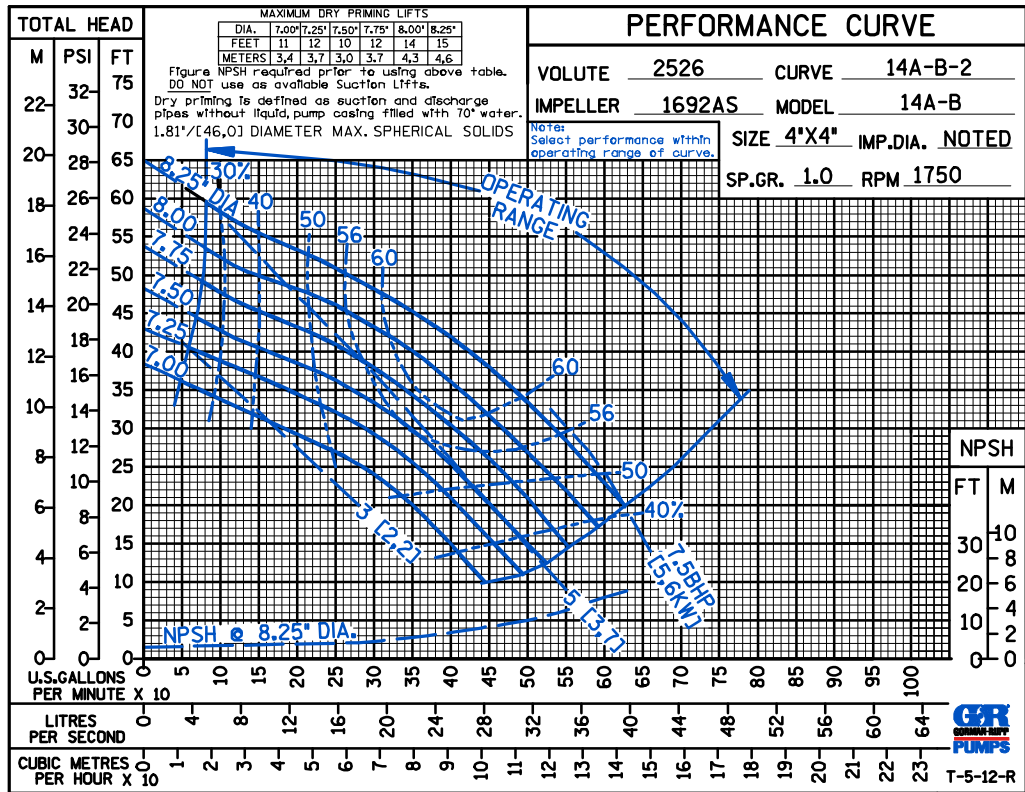
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

Specifications Subject to Change Without Notice

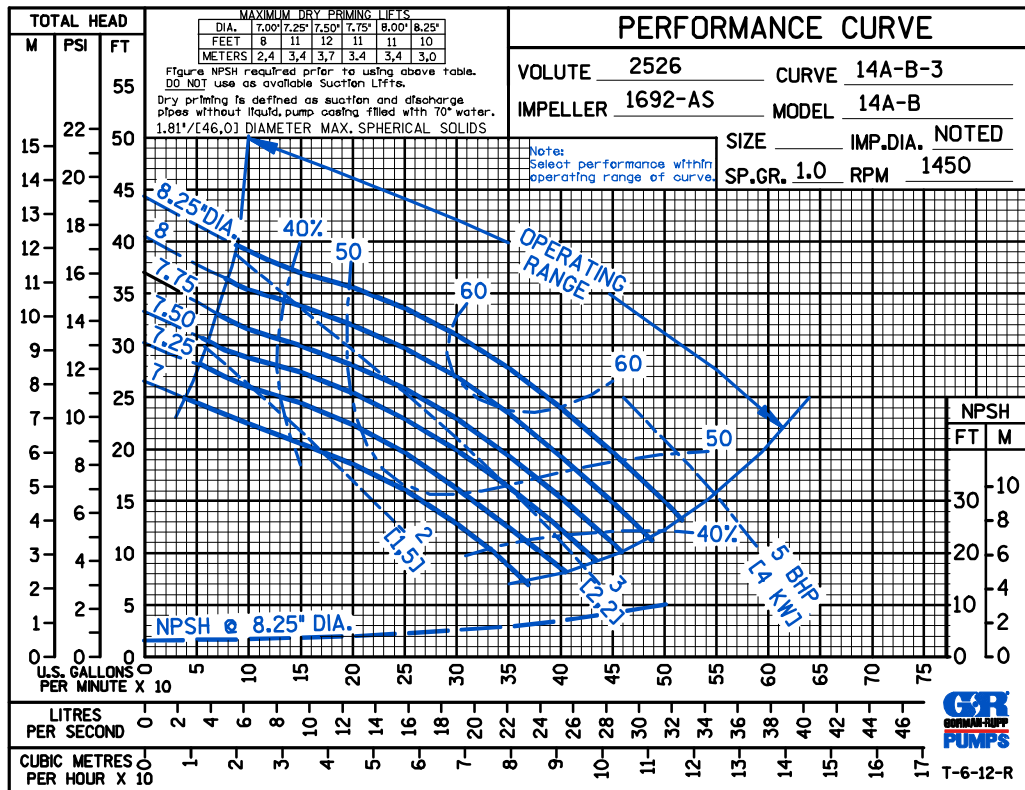
Printed in U.S.A.

ACDE

PERFORMANCE
BASED ON
WATER



50 HERTZ
PERFORMANCE
BASED ON
WATER



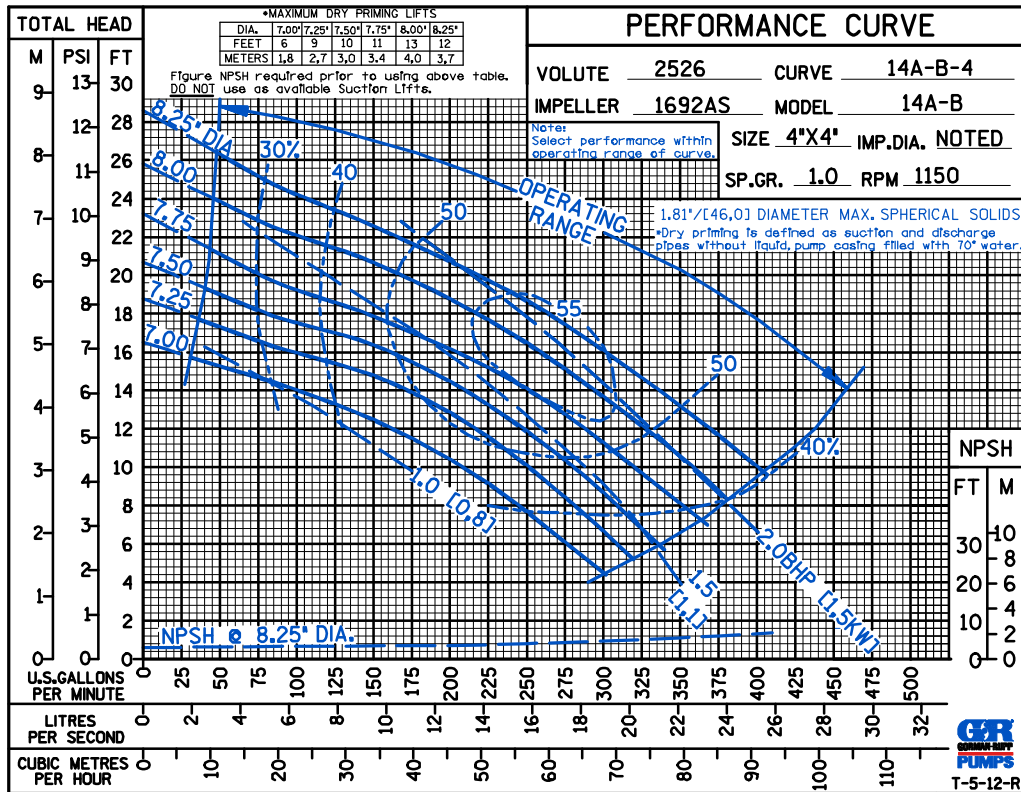
THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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

Specifications Subject to Change Without Notice

Printed in U.S.A.

ACDE



PERFORMANCE
BASED ON
WATER



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.