

C D F S W

Basic Pump

Super
U SERIES™**Self Priming Centrifugal Pump****Model U6B60S—B****Size 6" x 6"****PUMP SPECIFICATIONS****Size:** 6" x 6" (152 mm x 152 mm) NPT - Female.**Casing:** Gray Iron No. 30.

Maximum Operating Pressure 123 psi (848 kPa).

Semi-Open Type, Five Vane Impeller: Ductile Iron No. 65-45-12.

Handles 1 1/4" (31,7 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel No. 4150.**Replaceable Wear Plate:** Gray Iron No. 30.**Removable Adjustable Cover Plate:** Gray Iron No. 30; 75 lbs. (34 kg).**Flap Valve:** Neoprene w/Nylon and Steel Reinforcing.**Bearing Housing:** Gray Iron No. 30.**Seal Plate:** Gray Iron No. 30.**Shaft Sleeve:** Alloy Steel No. 4130.**Radial and Thrust Bearings:** Open Double Row Ball.**Bearing and Seal Cavity Lubrication:** SAE No. 30 Non-Detergent Oil.**Flanges:** 125# Gray Iron No. 30.**Gaskets:** PTFE, Buna-N w/Compressed Synthetic Fibers.**O-Rings:** Buna-N.**Hardware:** Standard Plated Steel.**Brass Pressure Relief Valve.****Bearing and Seal Cavity Oil Level Sight Gauges.****Optional Equipment:** Stainless Steel No. 316 Pressure Relief Valve.

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

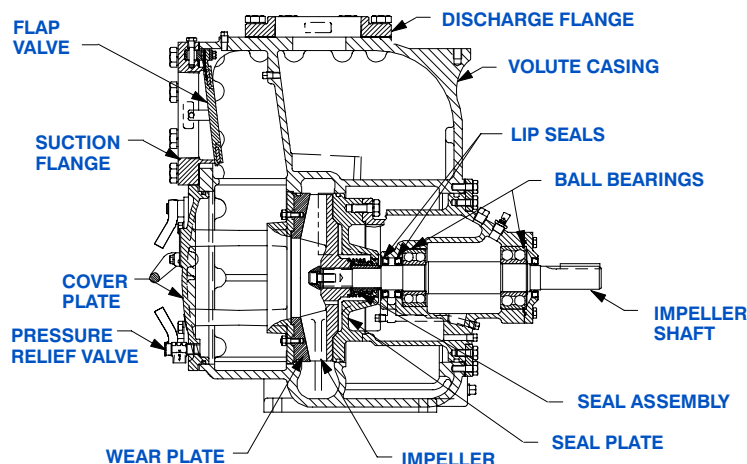
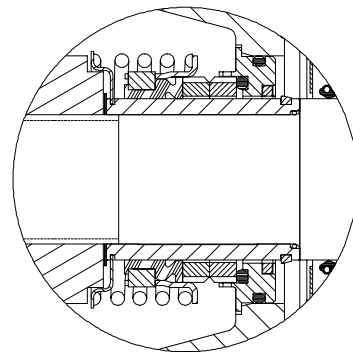
Gray Iron No. 30 Suction and Discharge Spool Flanges:

6" ASA (**Specify Model U6B60S—B /F**).150 mm DIN 2527 (PN 16) (**Specify Model U6B60S—B /FM**).**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

Shown w/Optional Spool Flanges

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).*

**SEAL AREA DETAIL****THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**

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

www.gormanrupp.com

Specifications Subject to Change Without Notice

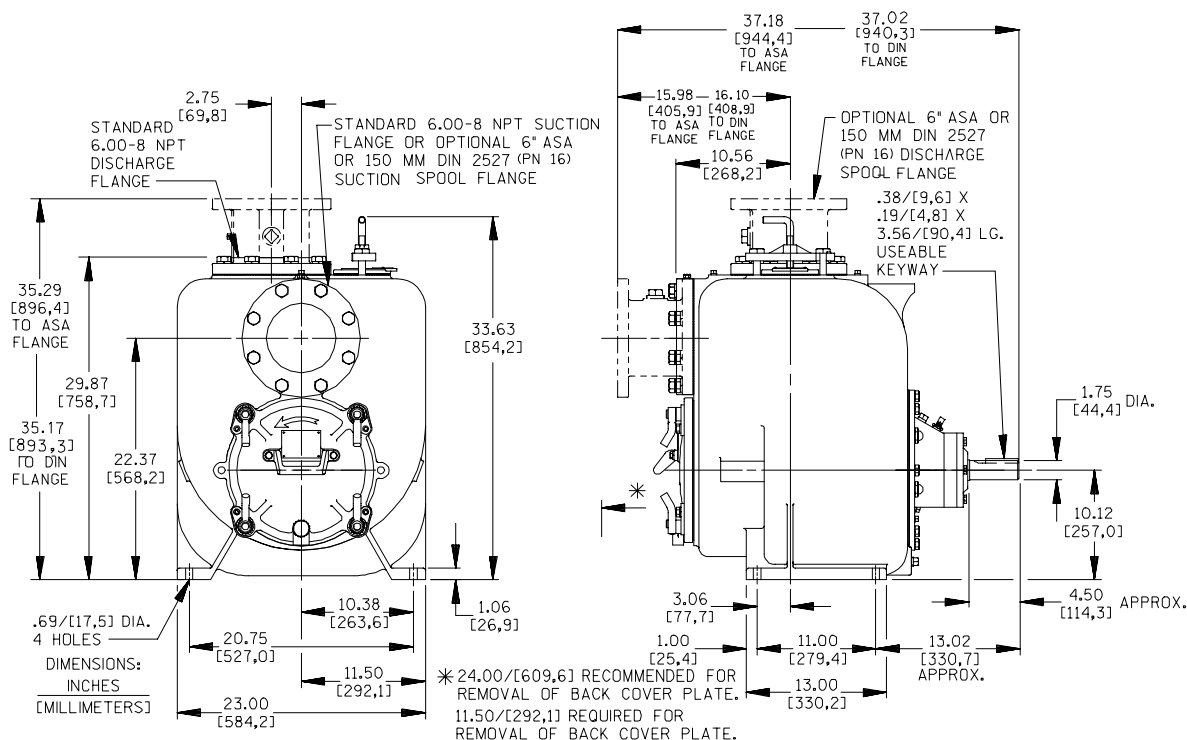
Printed in U.S.A.

Specification Data

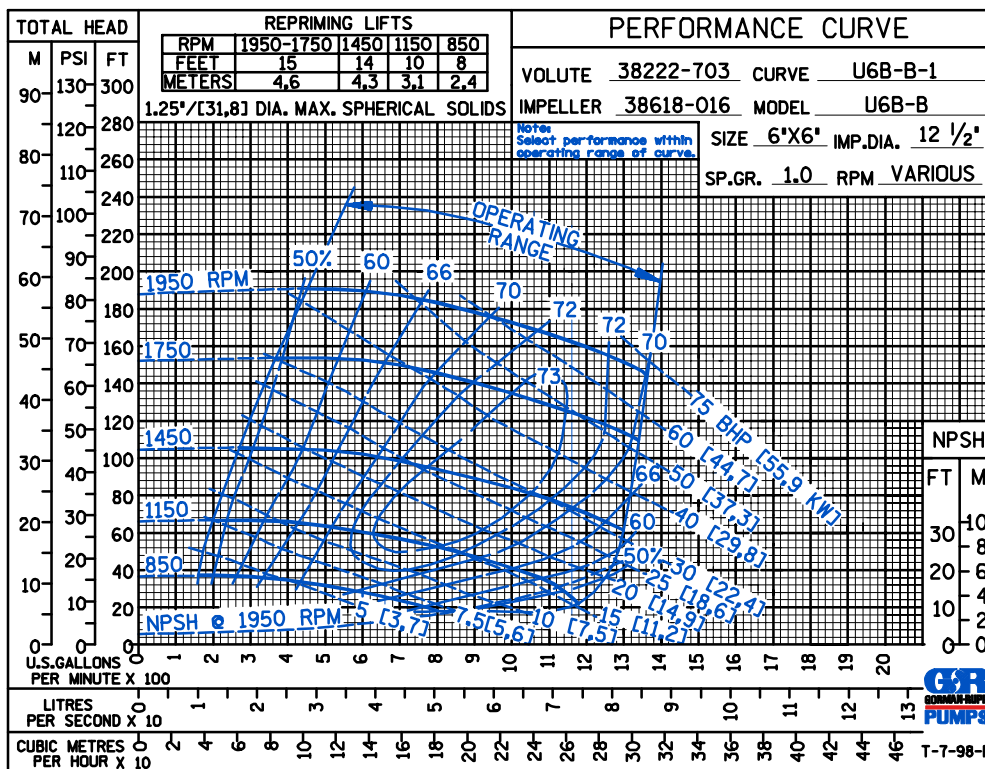
SECTION 50, PAGE 2910

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 920 LBS. (417 KG.)
SHIPPING WEIGHT: 1034 LBS. (469 KG.)
EXPORT CRATE: 32.5 CU. FT. (0,92 CU. M.)



NOTE: OPTIONAL ASA OR DIN STANDARD SPOOL FLANGES AVAILABLE



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

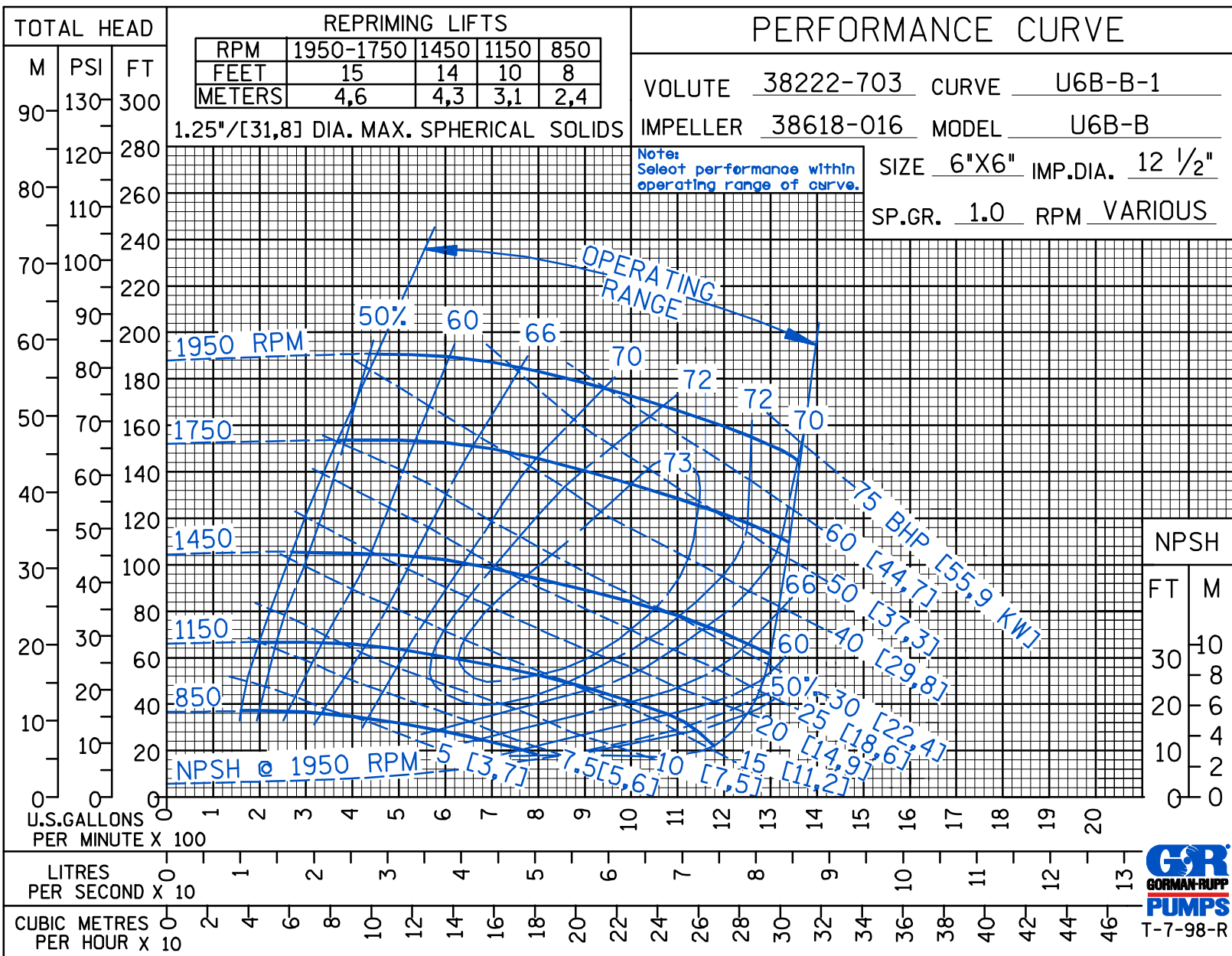
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

Specifications Subject to Change Without Notice

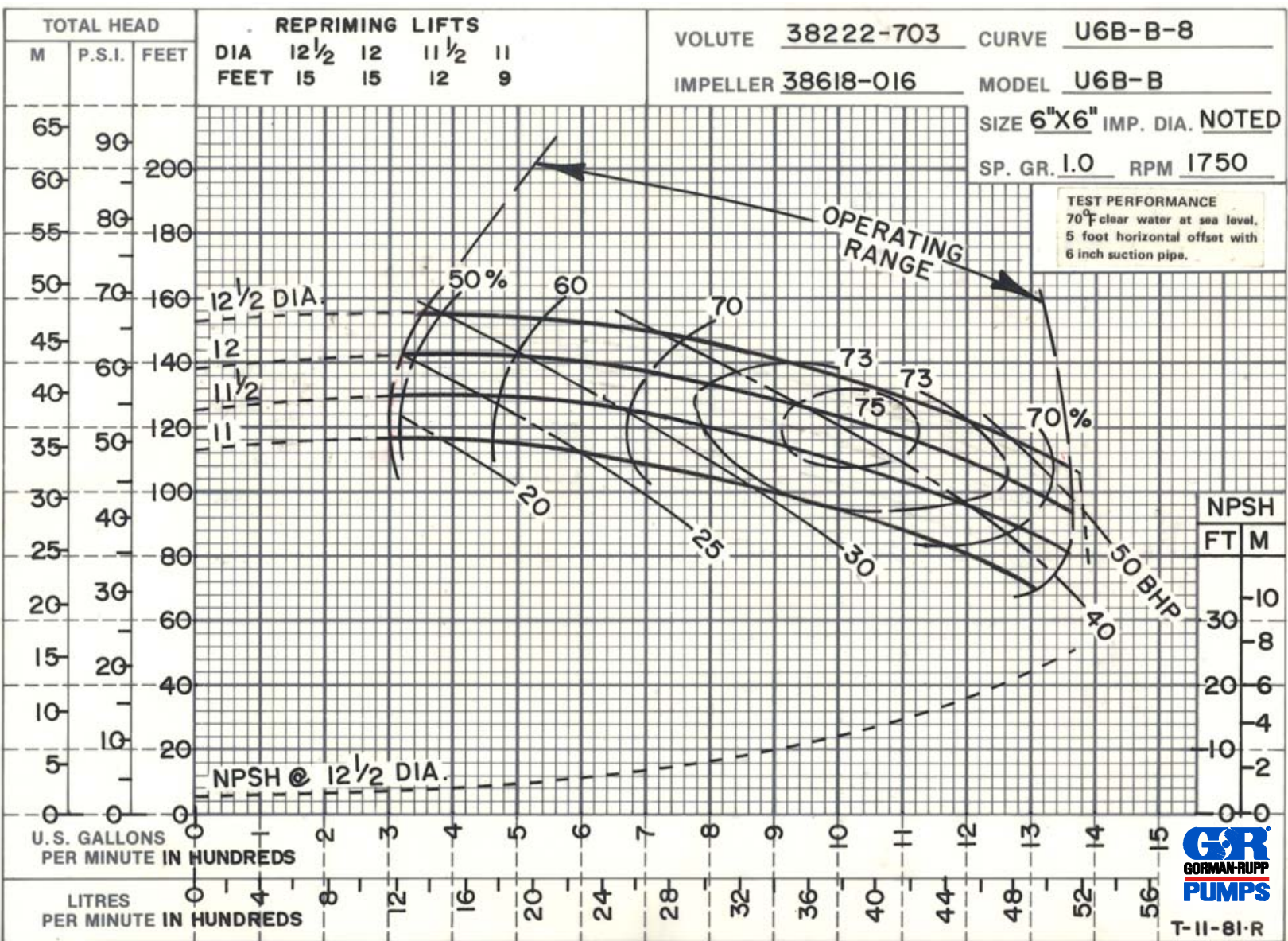
Printed in U.S.A.

CDSW

PERFORMANCE CURVE

VOLUTE 38222-703 CURVE U6B-B-1IMPELLER 38618-016 MODEL U6B-BSIZE 6"X6" IMP.DIA. 12 1/2"SP.GR. 1.0 RPM VARIOUSNote:
Select performance within
operating range of curve.

CDSW



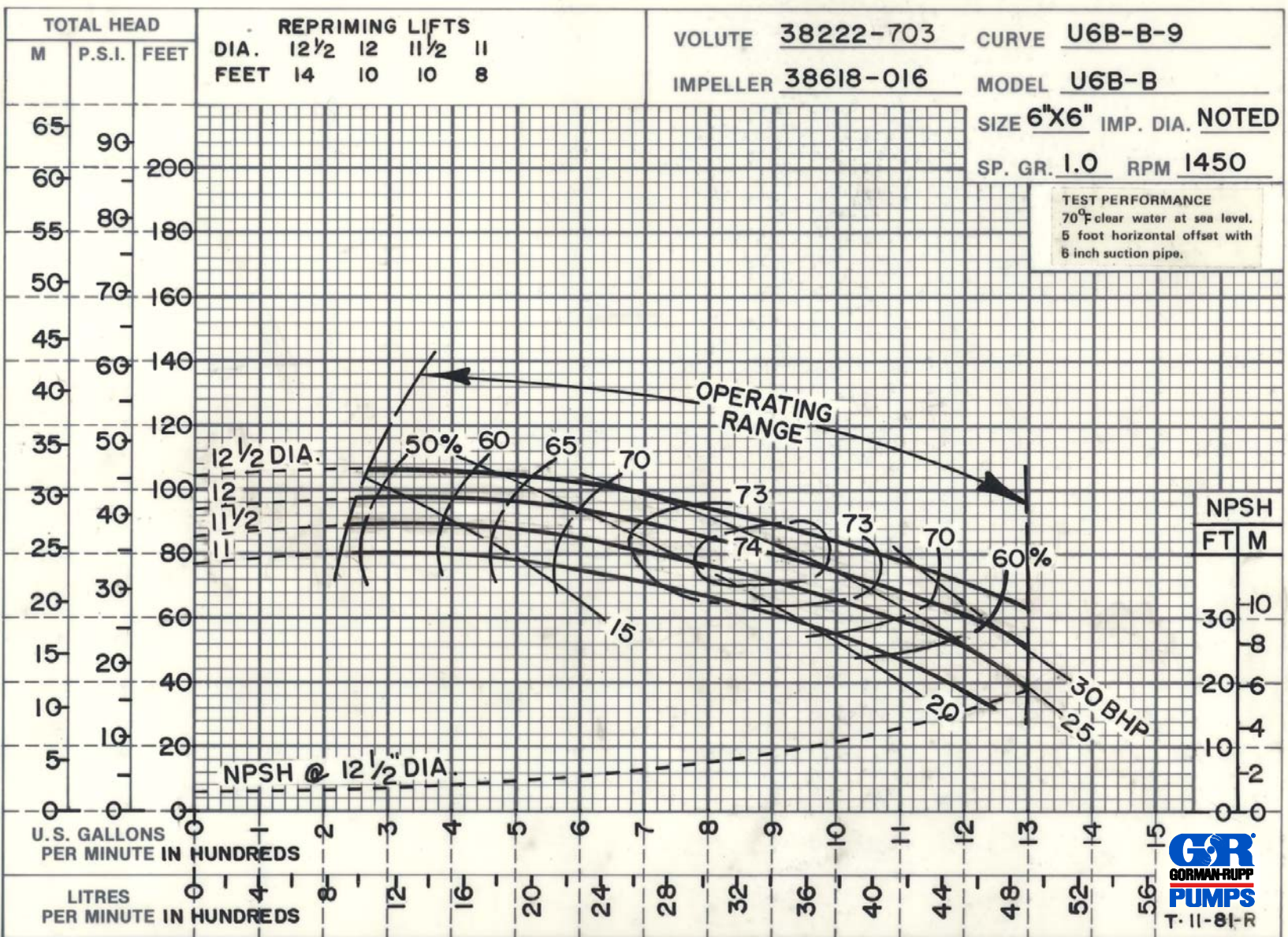
THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

CDSW



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

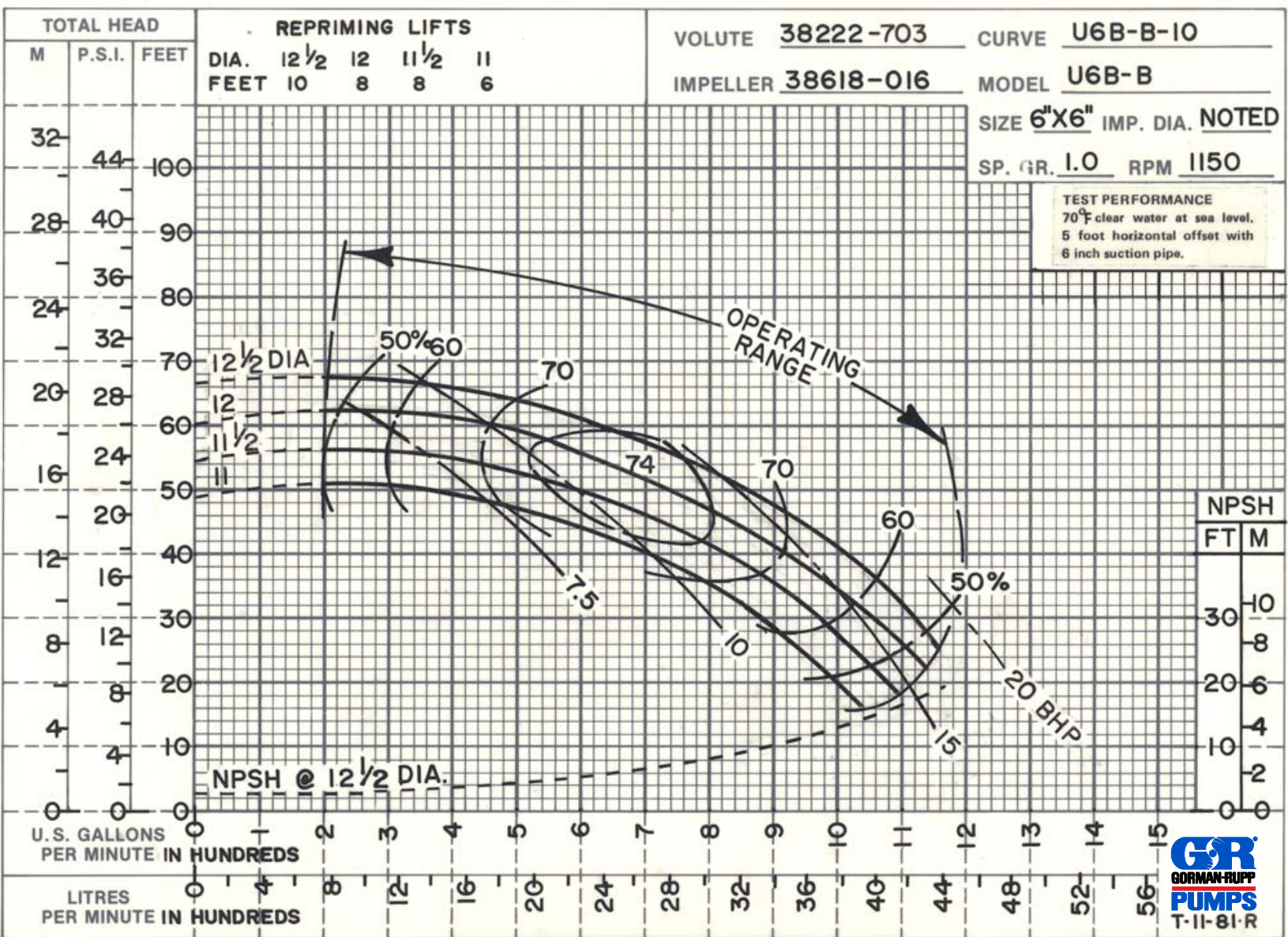
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

CDSW



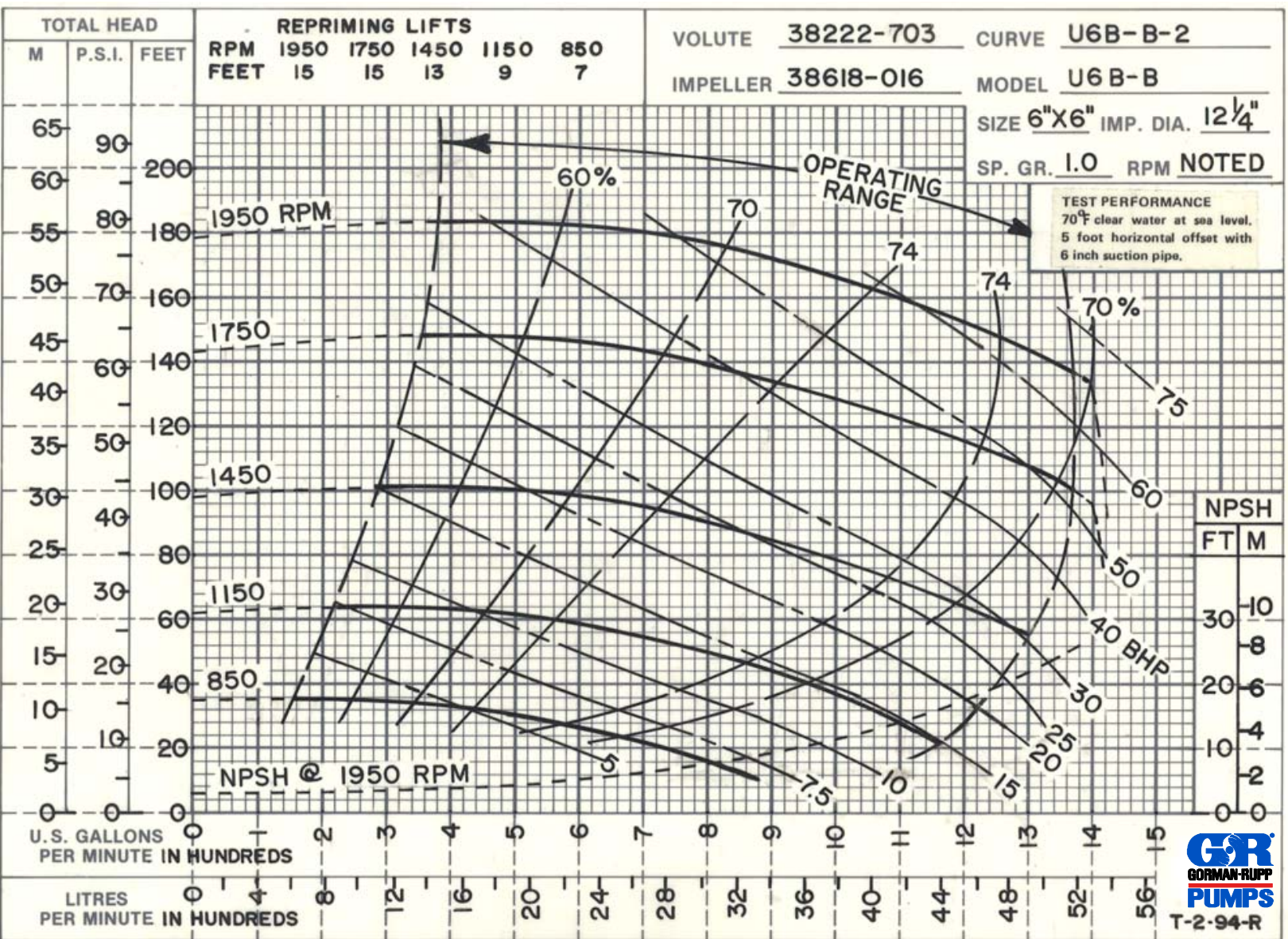
THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO
 GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

CDSW



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

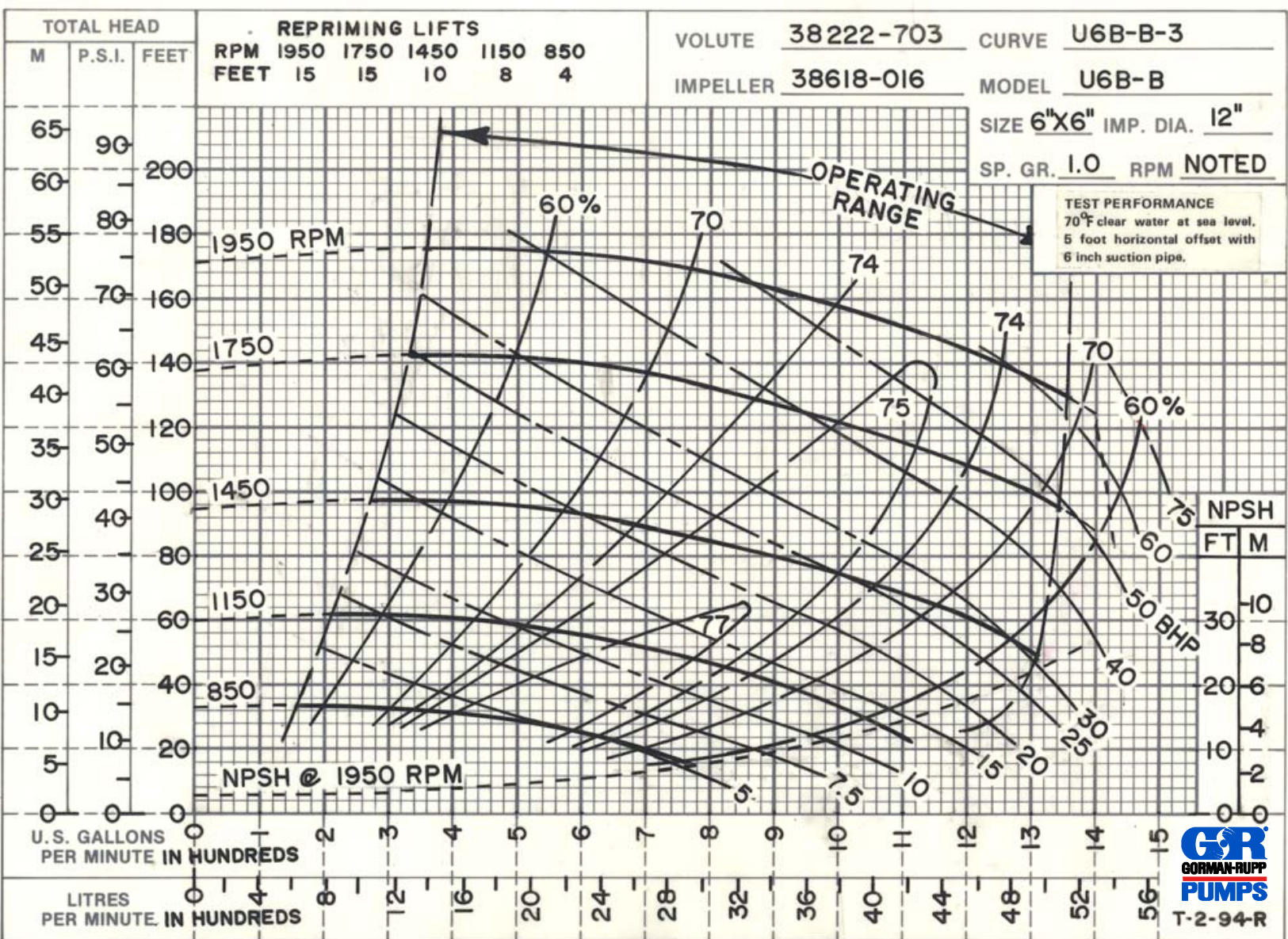
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

CDSW

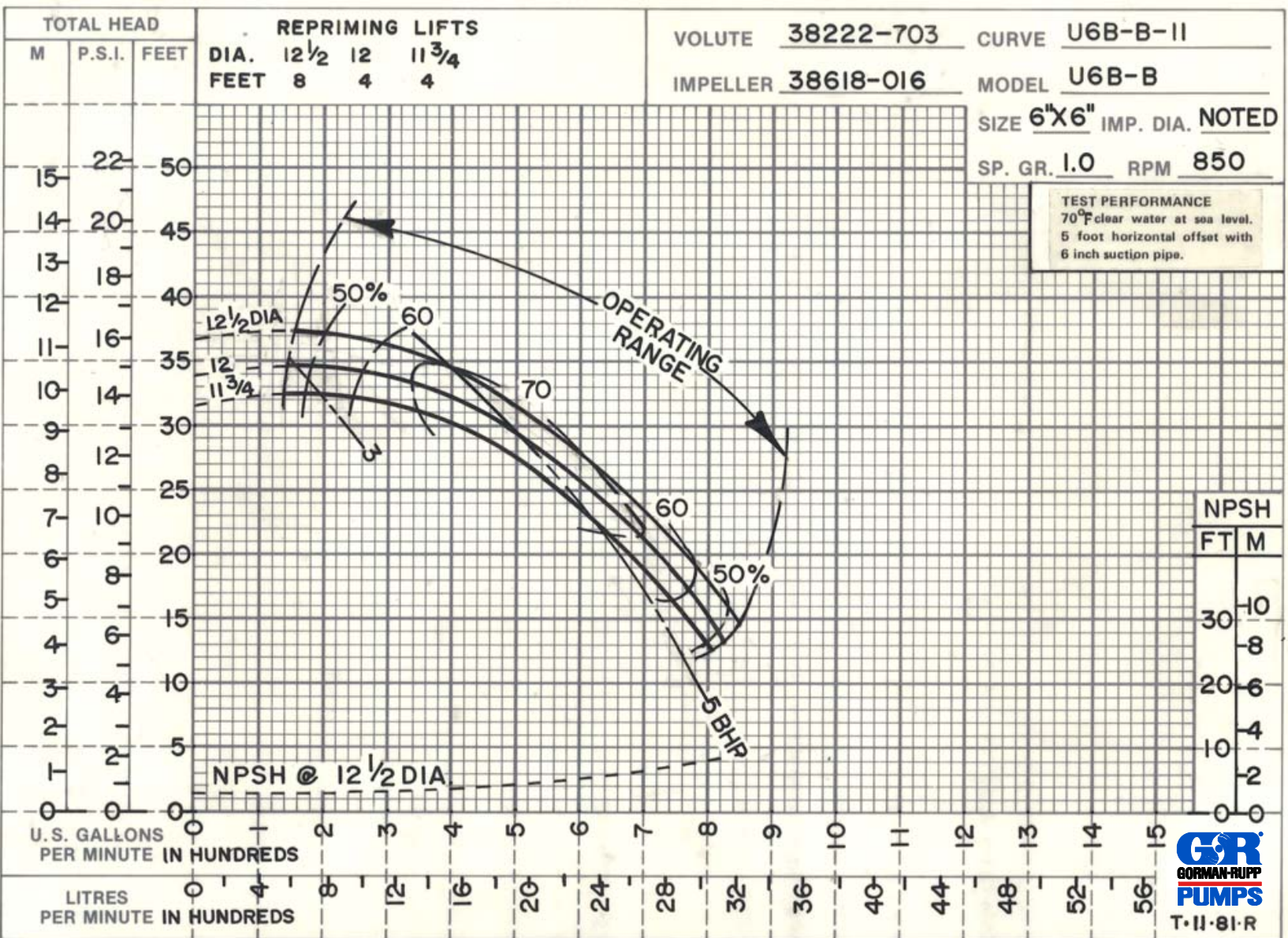


THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO
GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA
www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

CDSW



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.