

CDS

# Self Priming Centrifugal Pump

## Model T4A75S-B

### Size 4" x 4"

**Super  
T SERIES**

VARIOUS PATENTS APPLY



#### PUMP SPECIFICATIONS

**Size:** 4" x 4" (101 mm x 101 mm) NPT - Female.**Casing:** G-R Hard Iron.

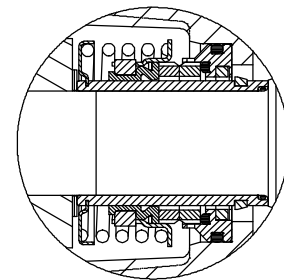
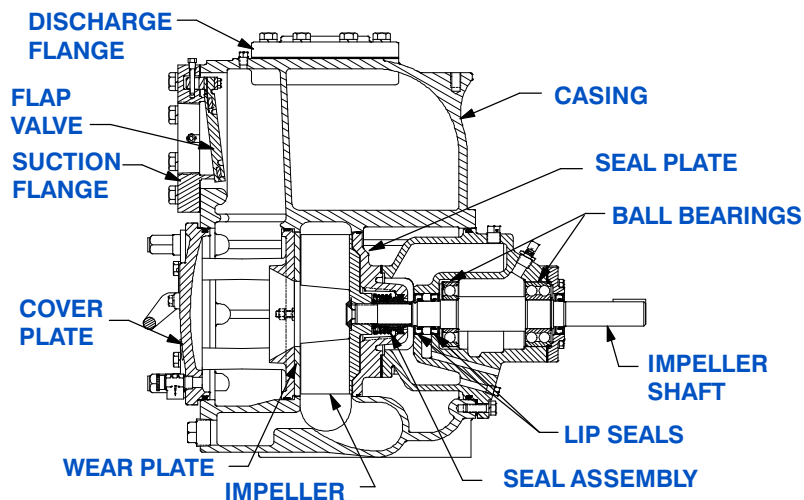
Maximum Operating Pressure 86 psi (593 kPa).\*

**Semi-Open Type, Two Vane Impeller:** G-R Hard Iron.

Handles 3" (76,2 mm) Diameter Spherical Solids.

**Impeller Shaft:** Alloy Steel 4150.**Shaft Sleeve:** Alloy Steel 4130.**Replaceable Wear Plate:** Hardened Alloy Steel.**Removable Adjustable Cover Plate:** Gray Iron 30; 41 lbs. (18 kg).**Flap Valve:** Neoprene w/Nylon and Steel Reinforcing.**Seal Plate:** G-R Hard Iron.**Bearing Housing:** Gray Iron 30.**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:** Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork, and Rubber.**O-Rings:** Buna-N.**Hardware:** Standard Plated Steel.**Brass Pressure Relief Valve.****Bearing and Seal Cavity Oil Level Sight Gauges.****Optional Equipment:** Metal Bellows Seal. Automatic Air Release Valve. 120V/240V Casing Heater. High Pump Temperature Shutdown Kit. High Chrome Cast Iron Impeller. Self-Cleaning Wear Plate.

Gray Iron 30 Suction and Discharge Spool Flanges:

4" ASA (**Specify Model T4A75S-B /F**).100 mm DIN 2527 (PN 16) (**Specify Model T4A75S-B /FM**).*\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.***Shown with Optional Suction & Discharge Spool Flanges (Available in ASA or DIN Standard Sizes).**

#### 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).\*

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www.grpumps.com

Specifications Subject to Change Without Notice

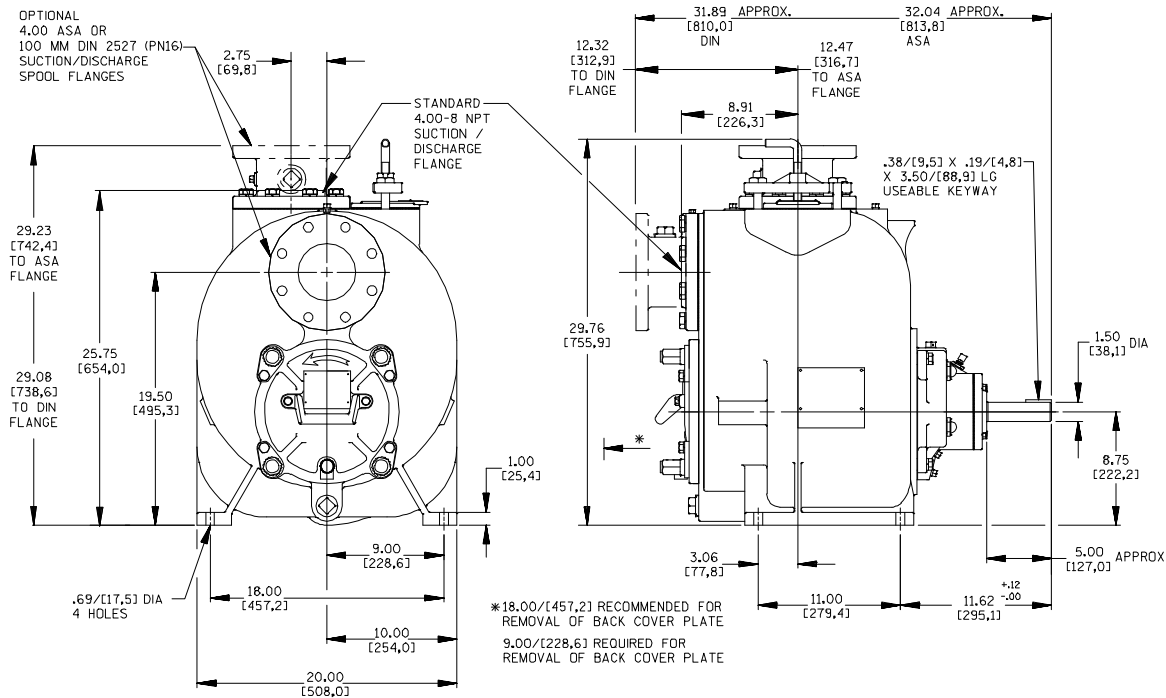
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**Specification Data**

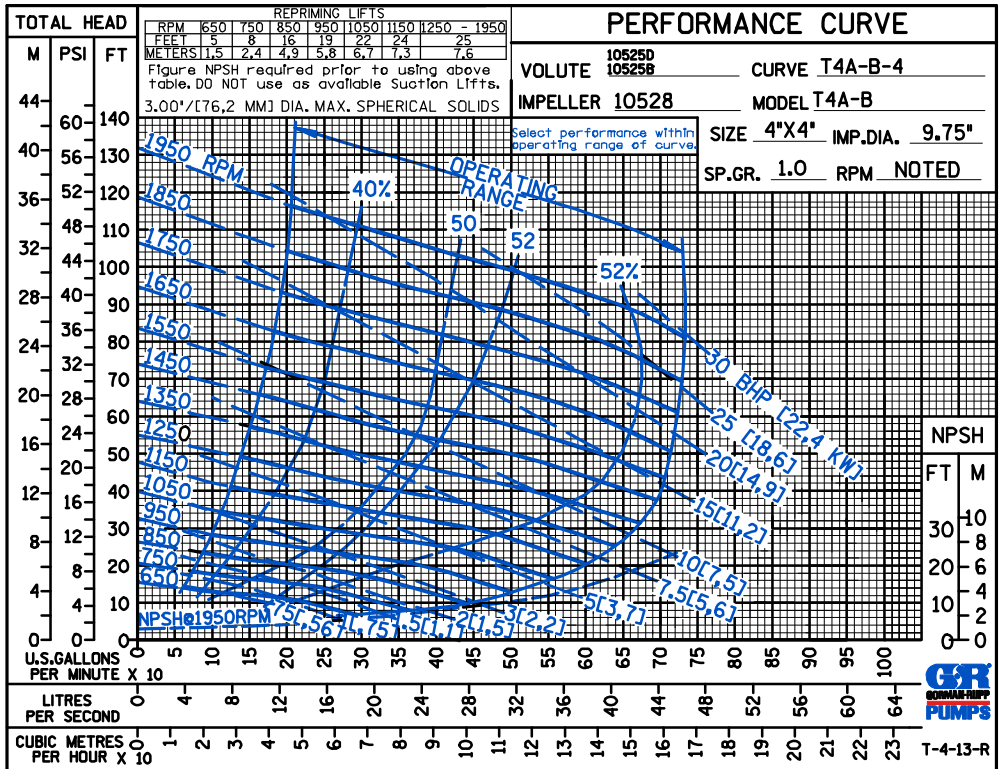
SECTION 55, PAGE 2142

**APPROXIMATE DIMENSIONS and WEIGHTS**

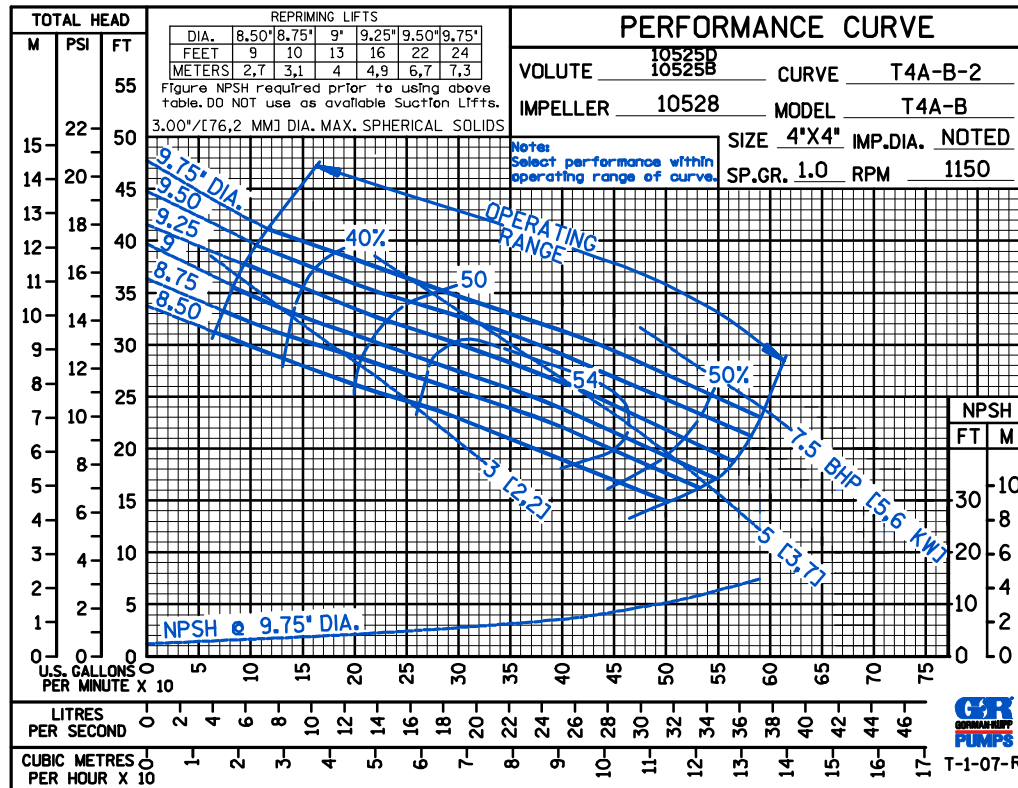
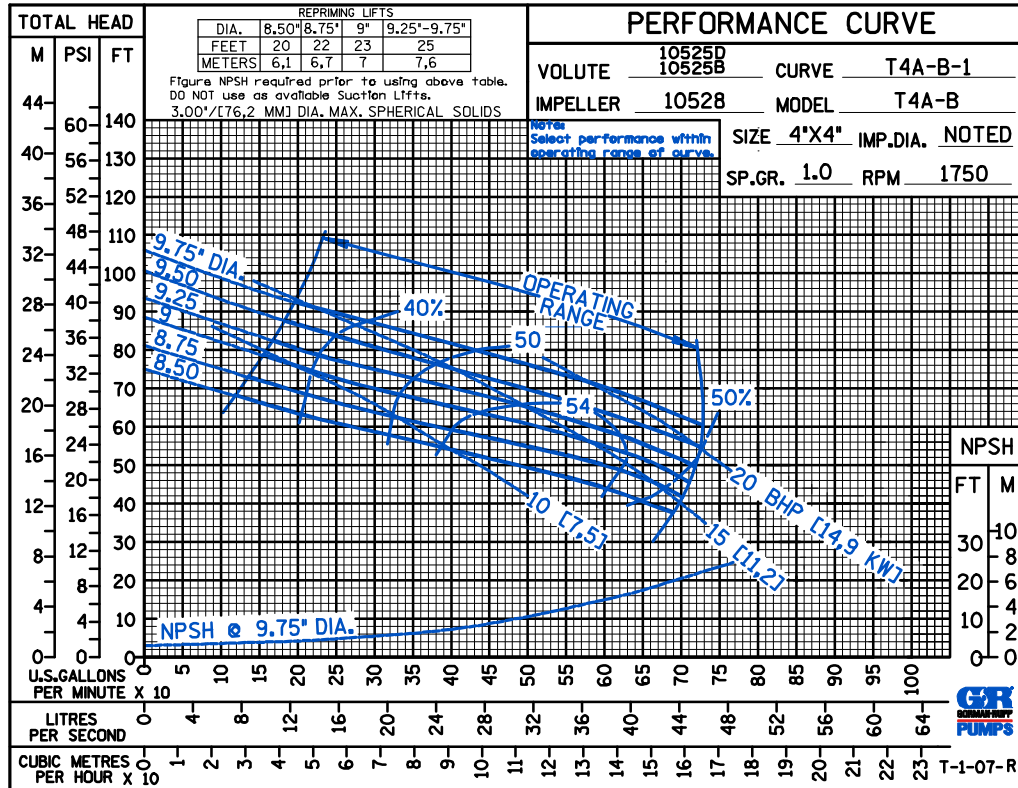
**NET WEIGHT: 585 LBS. (265 KG.)\***  
**SHIPPING WEIGHT: 624 LBS. (283 KG.)\***  
**EXPORT CRATE: 22.7 CU. FT. (0,64 CU. M.)**  
**\*ADD 15 LBS. (6,8 KG.) W/EACH SPOOL FLANGE**



NOTE: OPTIONAL ASA OR DIN STANDARD SUCITON & DISCHARGE SPOOL FLANGES AVAILABLE.



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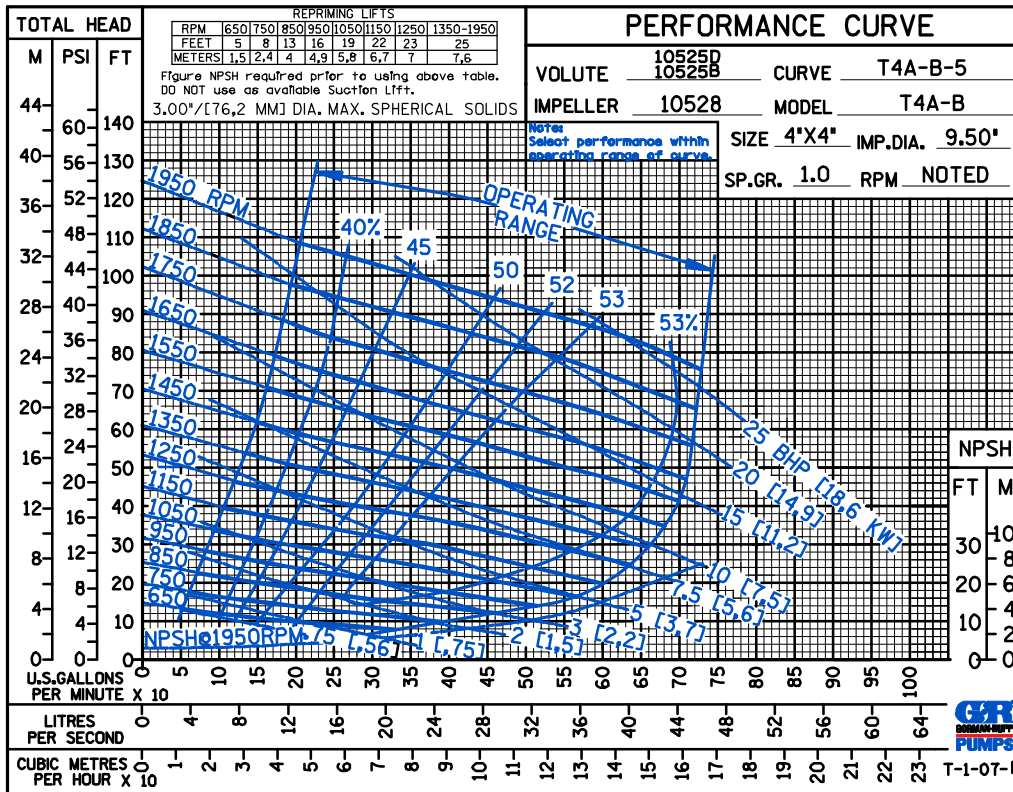
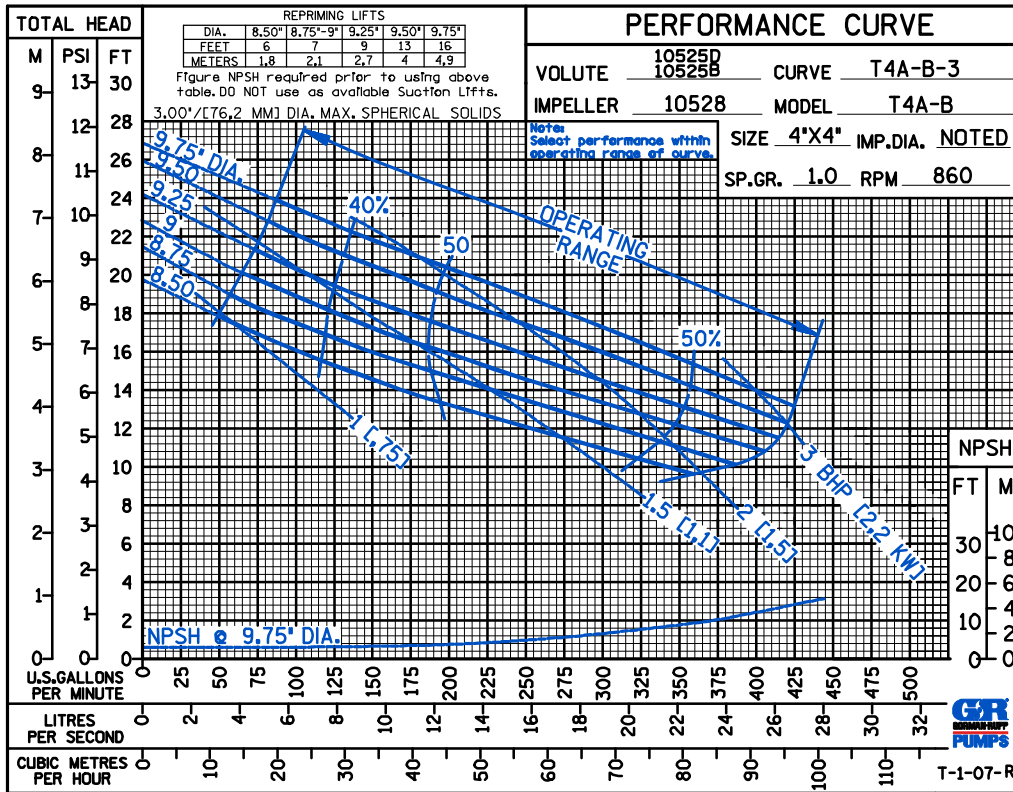
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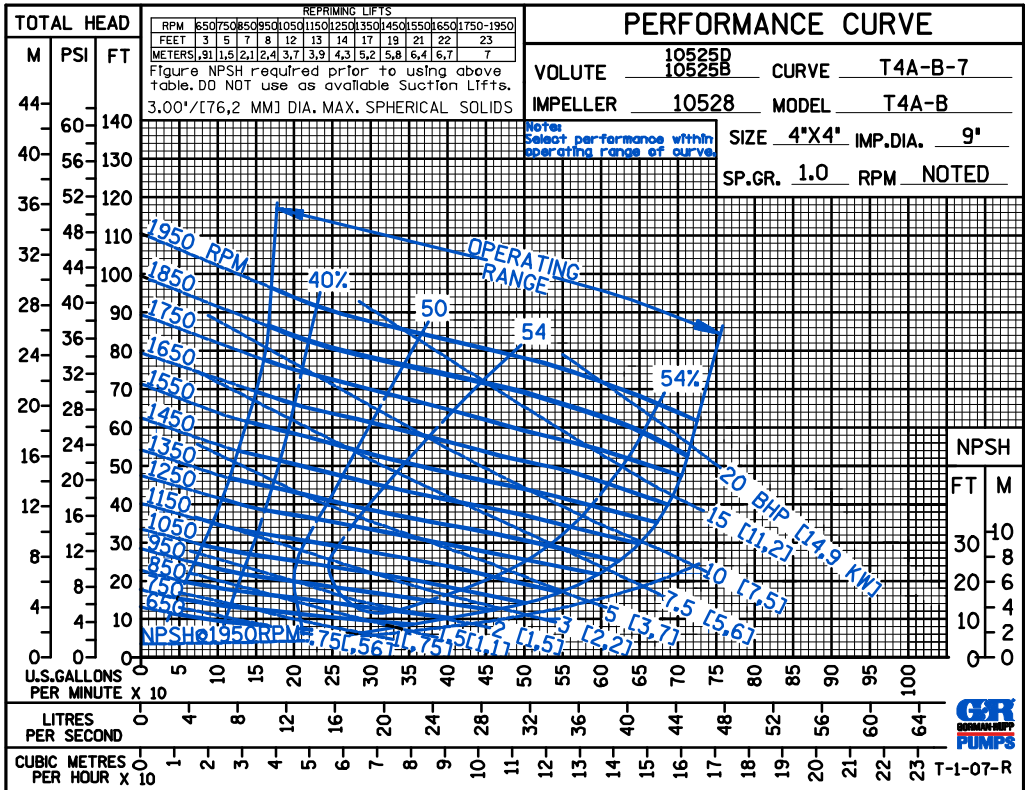
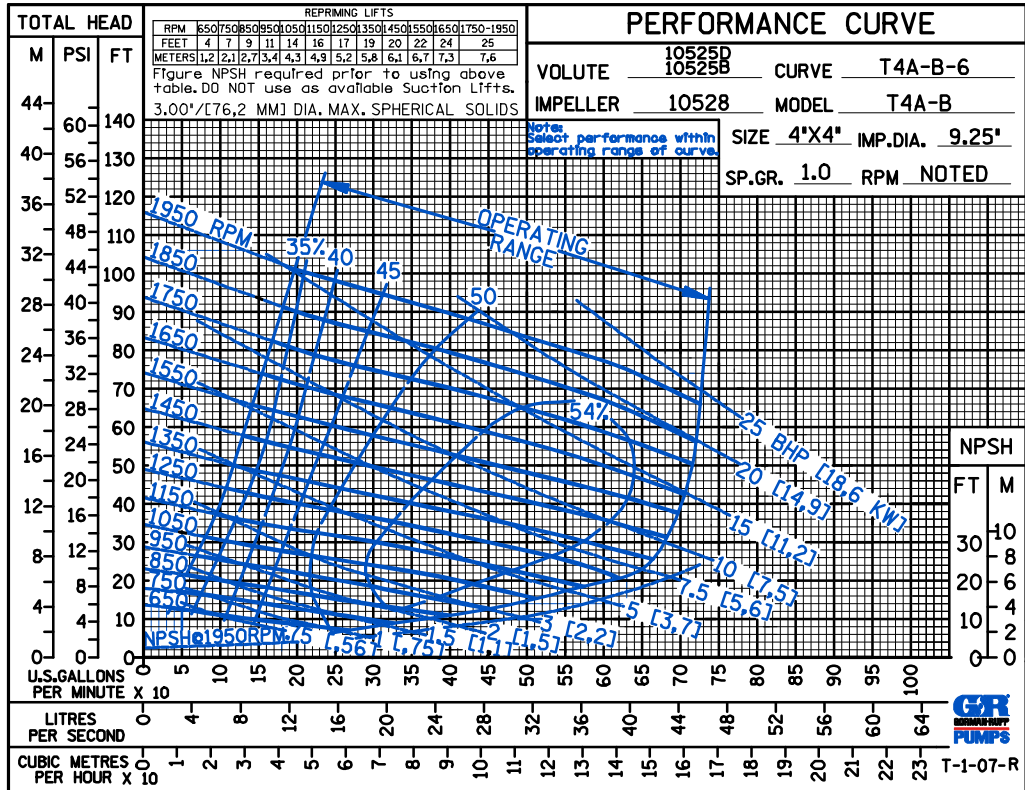
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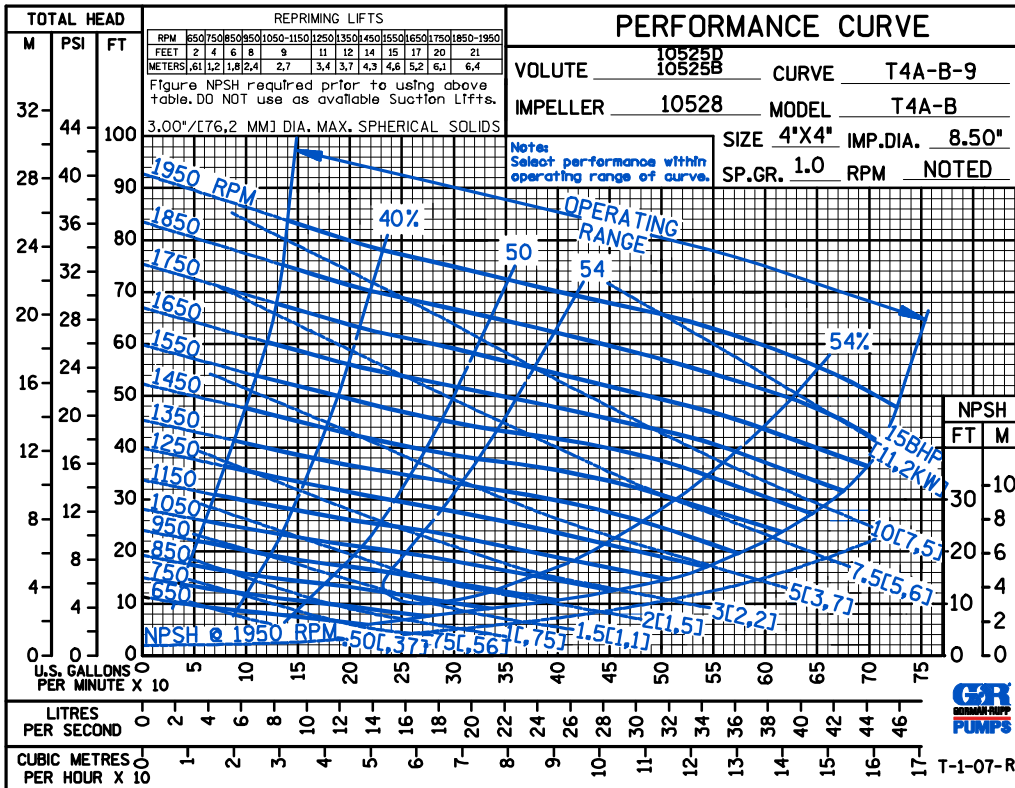
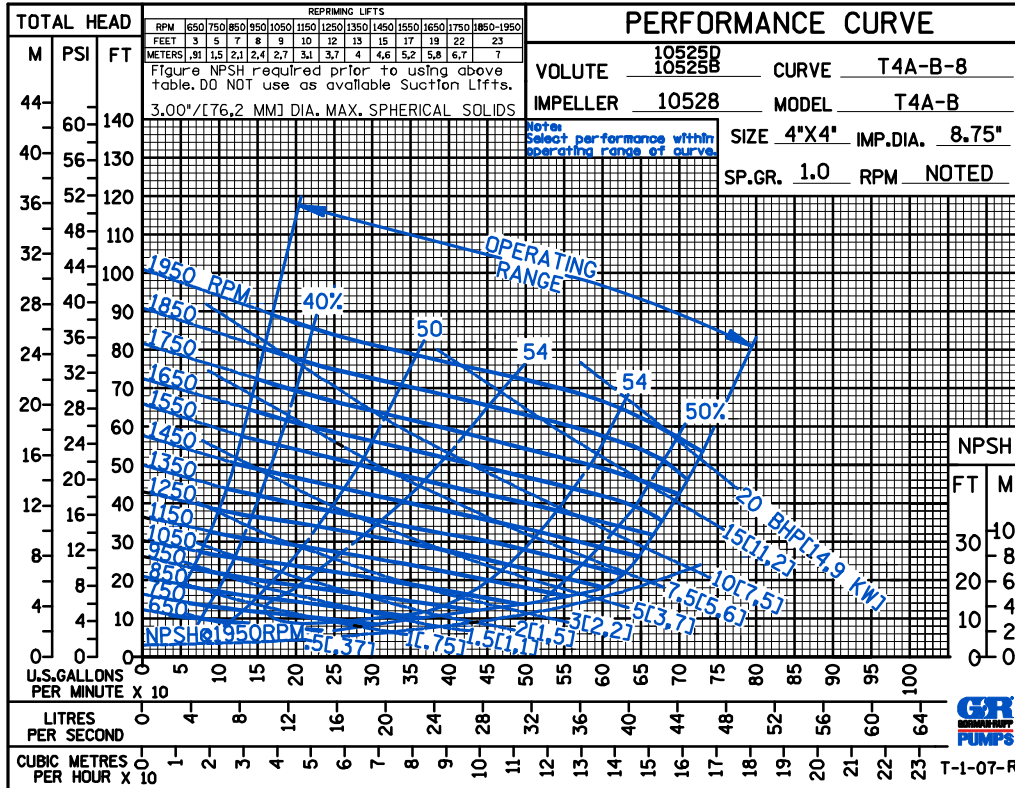
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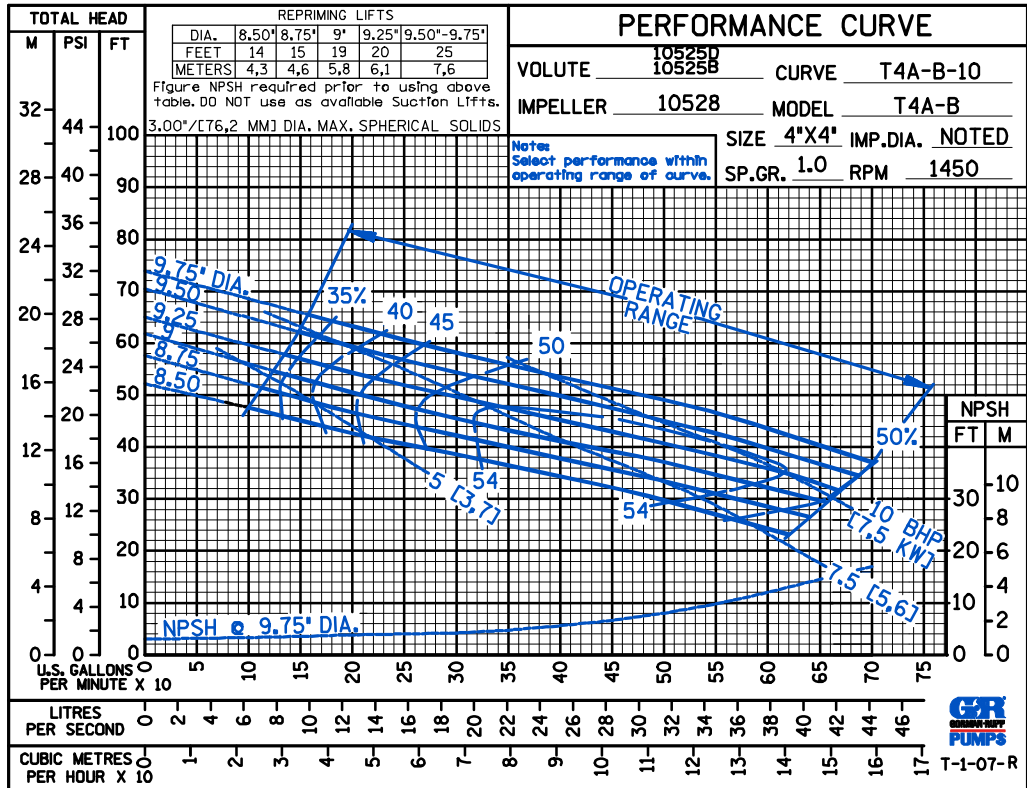
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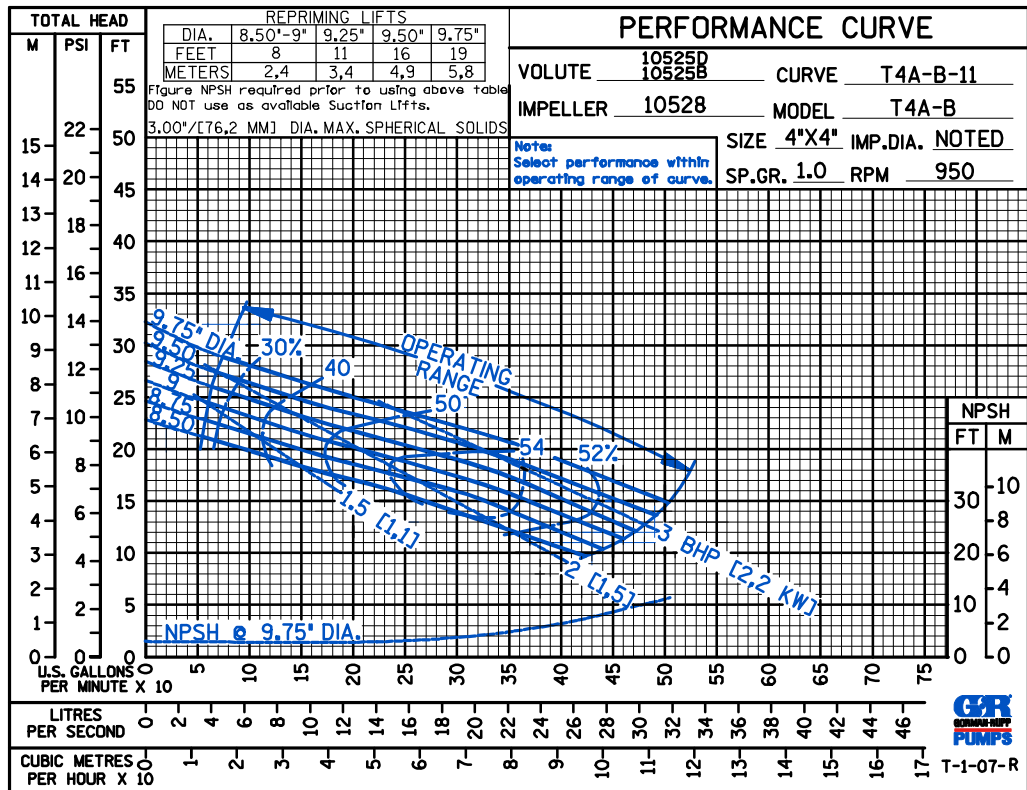
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50 HERTZ



50 HERTZ



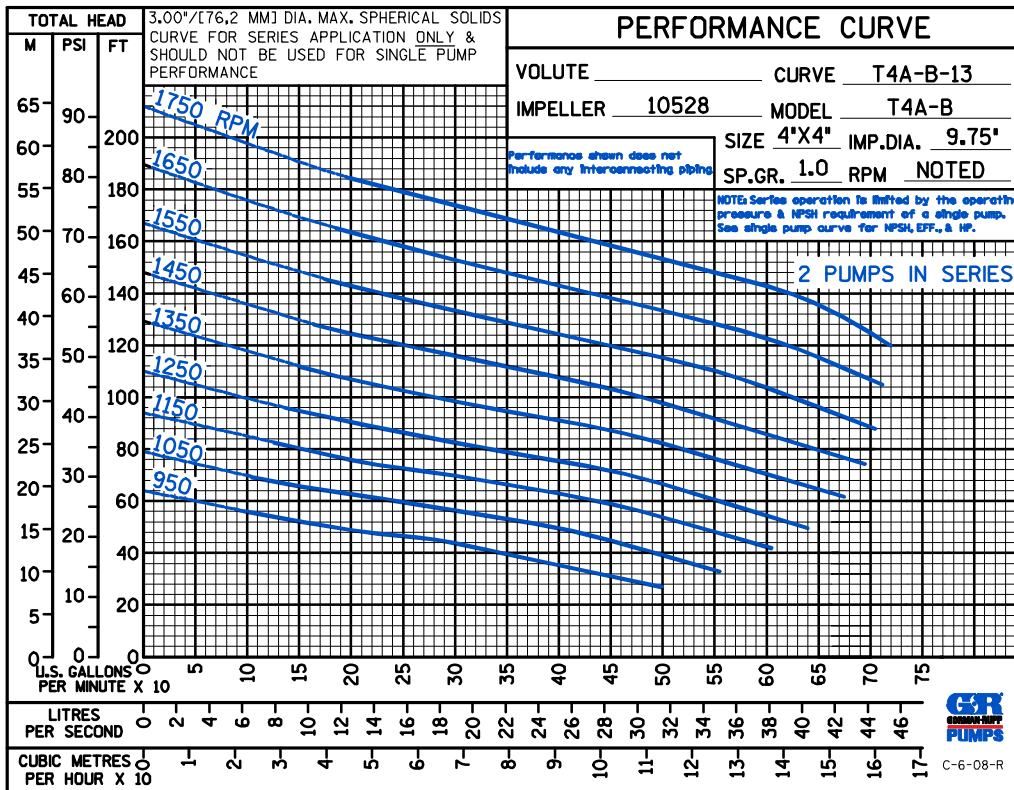
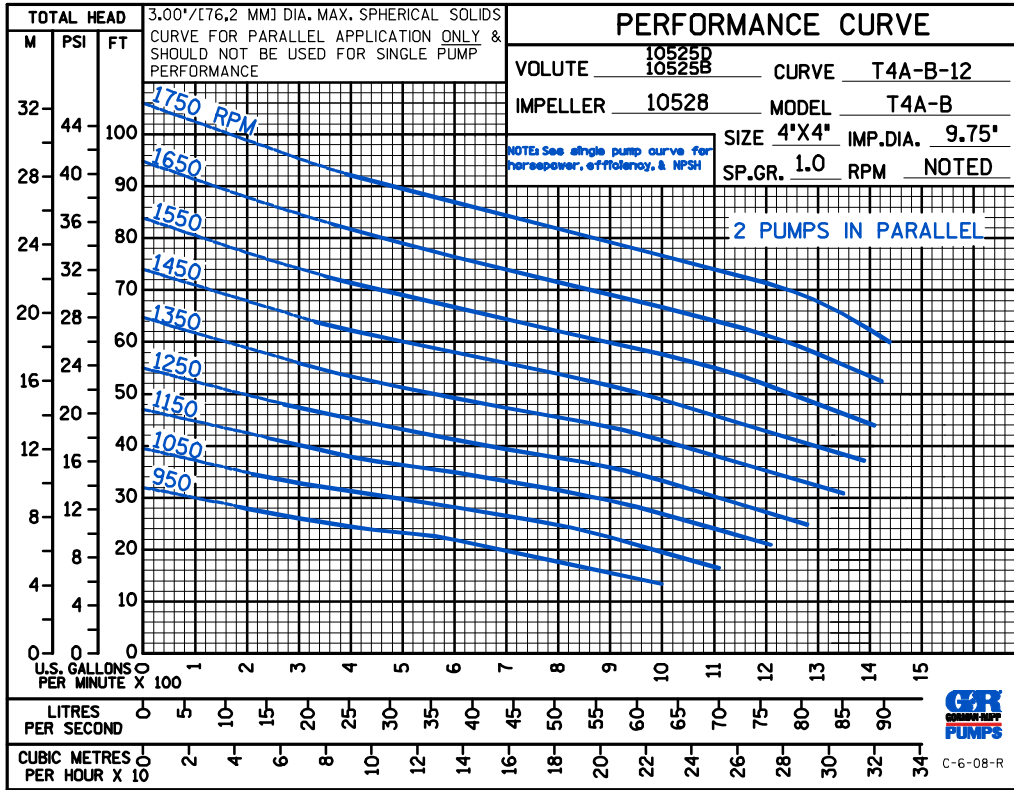
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