



Self Priming Centrifugal Pump

Classic T Series
Model T3A3-B
Size 3" x 3"

T SERIES
Classic

PUMP SPECIFICATIONS

Size: 3" x 3" (76 mm x 76 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 86 psi (593 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 2 1/2" (63.5 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Shaft Sleeve: Alloy Steel 4130.

Replaceable Wear Plate: Carbon Steel 1015.

Removable Cover Plate: Gray Iron 30; 30 lbs. (14 kg).

Seal Plate: Gray Iron 30.

Flap Valve: Neoprene ^{w/}Steel Reinforcing.

Bearing Housing: Gray Iron 30.

Radial and Thrust Bearings: Open Single Row Ball.

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

Flanges: 125# Gray Iron 30.

Gaskets: Buna-N ^{w/}Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork and Rubber.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Brass Pressure Relief Valve.

Bearing Cavity Oil Level Sight Gauge.

Optional Equipment: Stainless Steel 316 Pressure Relief Valve. Automatic Air Release Valve. G-R Hard Iron Impeller, Seal Plate and Wear Plate. 120V/240V Casing Heater. High Pump Temperature Shutdown Kit. Self-Cleaning Wear Plate. Gray Iron 30 Suction and Discharge Spool Flanges:

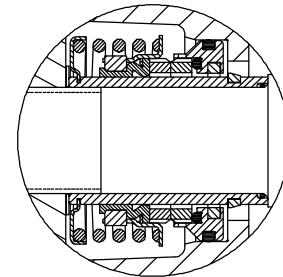
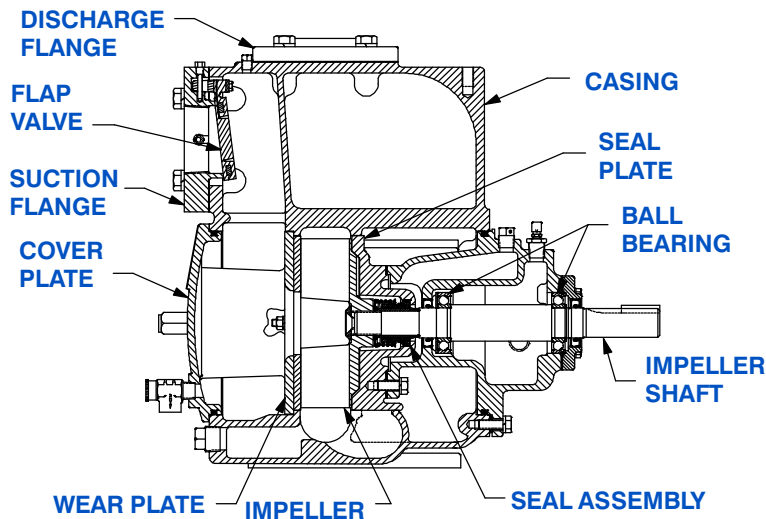
3" ASA (**Specify Model T3A3-B /F**).

80 mm DIN 2527 (PN 16) (**Specify Model T3A3-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. 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).*



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www.grpumps.com

Specifications Subject to Change Without Notice

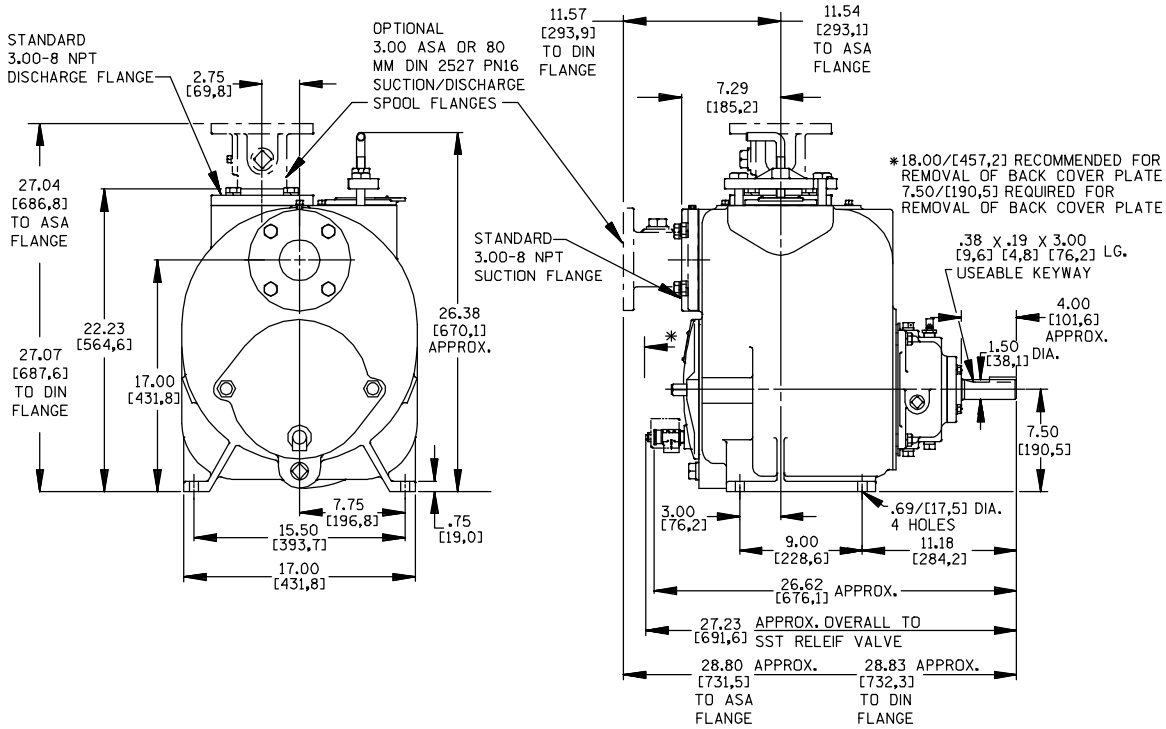
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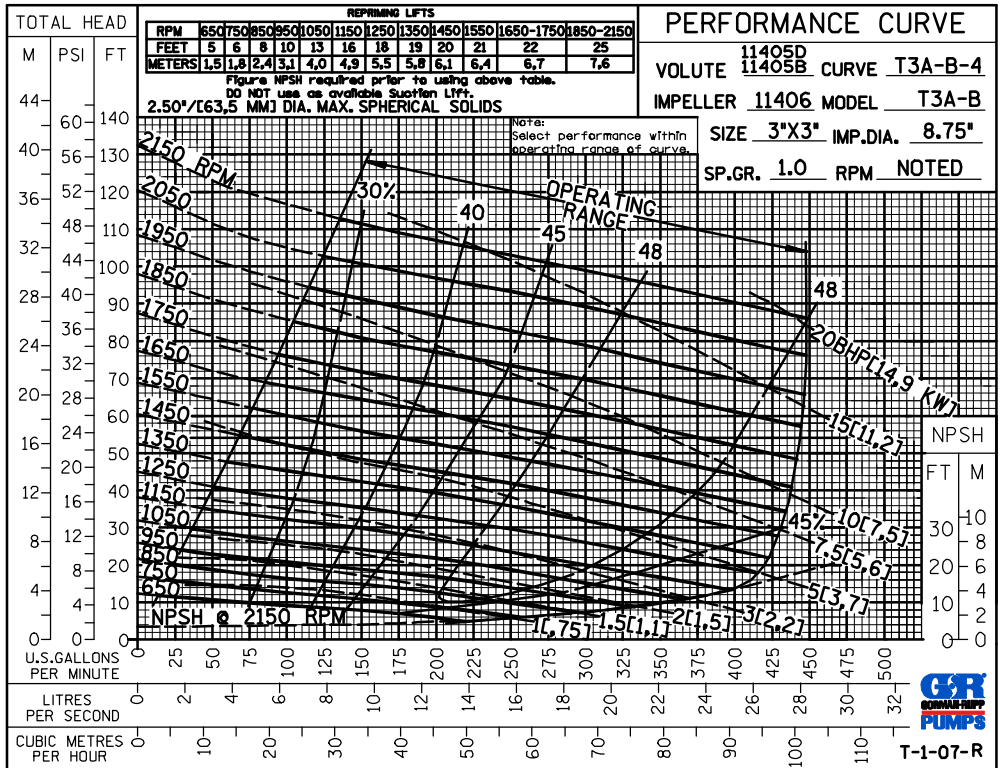
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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 404 LBS. (183 KG.)*
SHIPPING WEIGHT: 452 LBS. (205 KG.)*
EXPORT CRATE: 19.3 CU. FT. (0,55 CU. M.)
***ADD 10 LBS. (4,5 KG.) W/EACH SPOOL FLANGE**



OPTIONAL ASA OR DIN STANDARD & DISCHARGE SPOOL FLANGES AVAILABLE



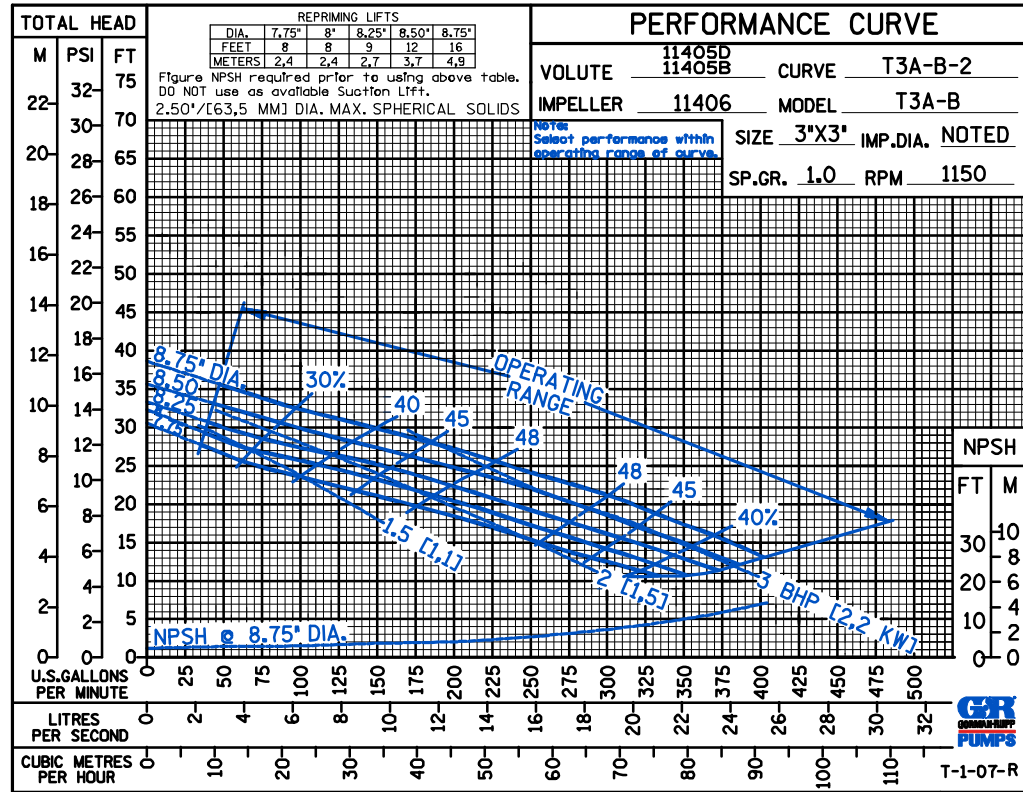
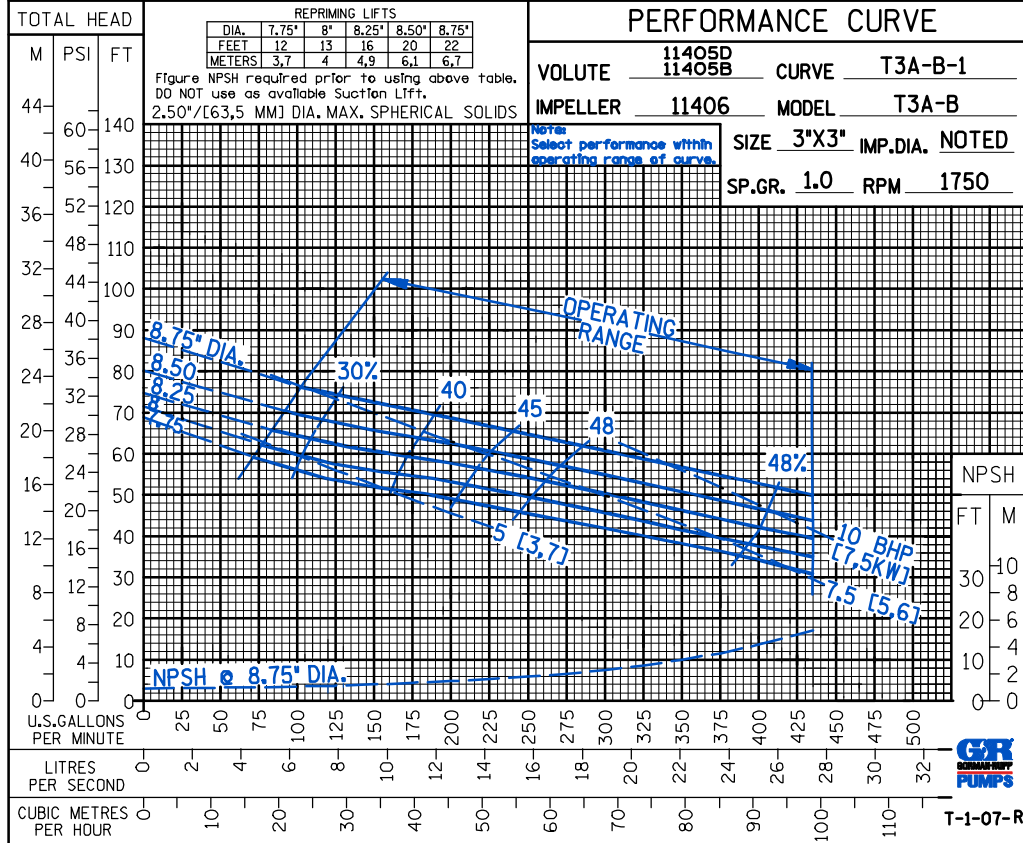
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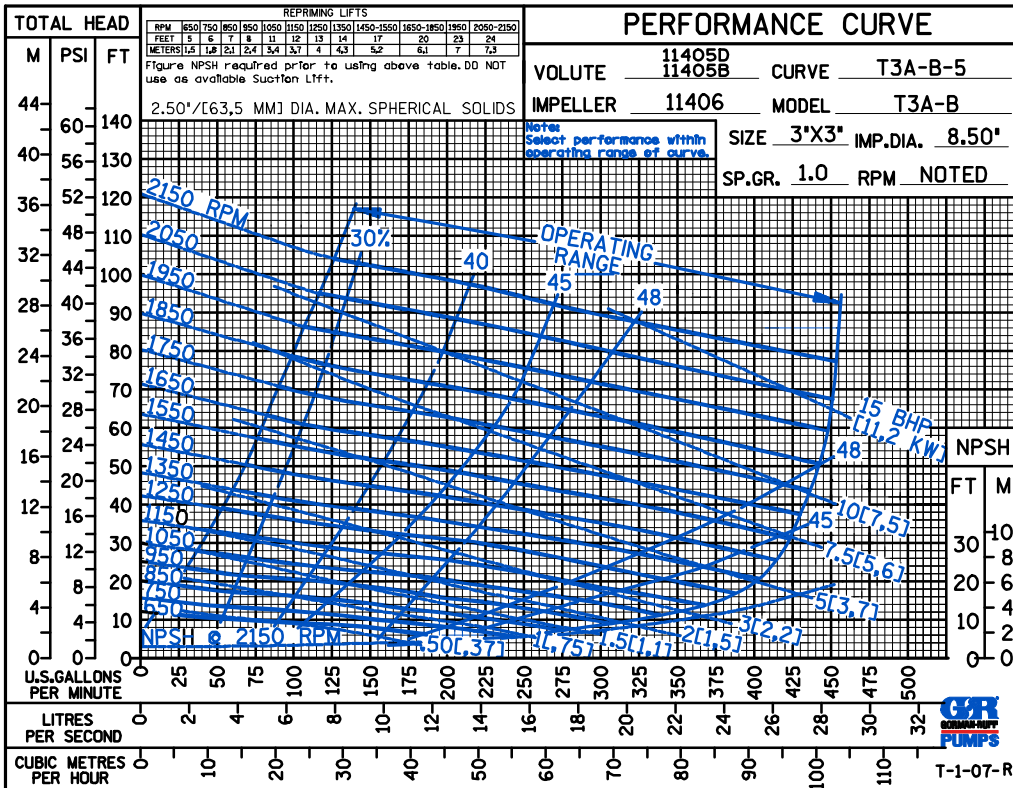
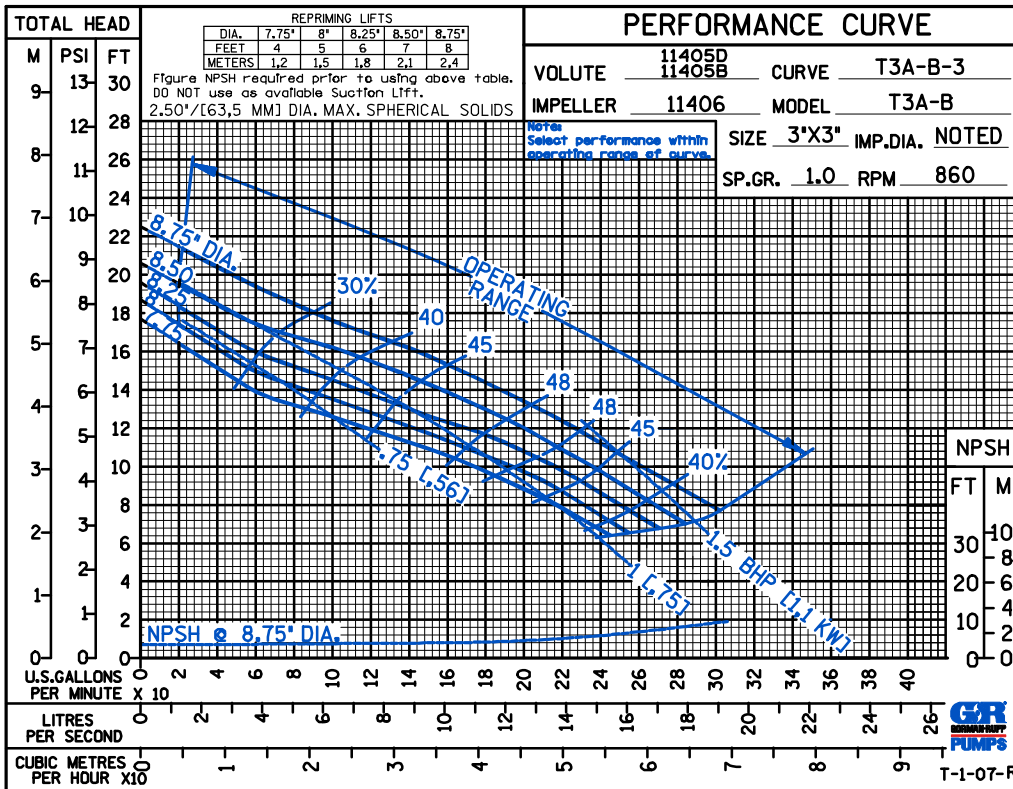
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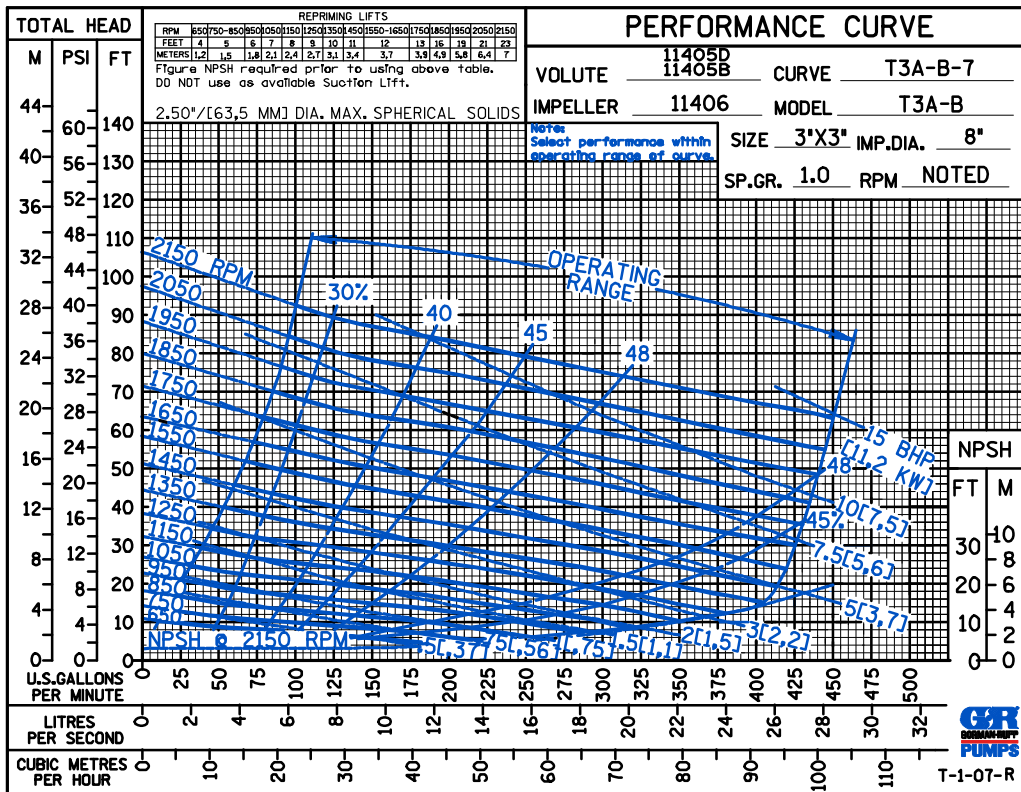
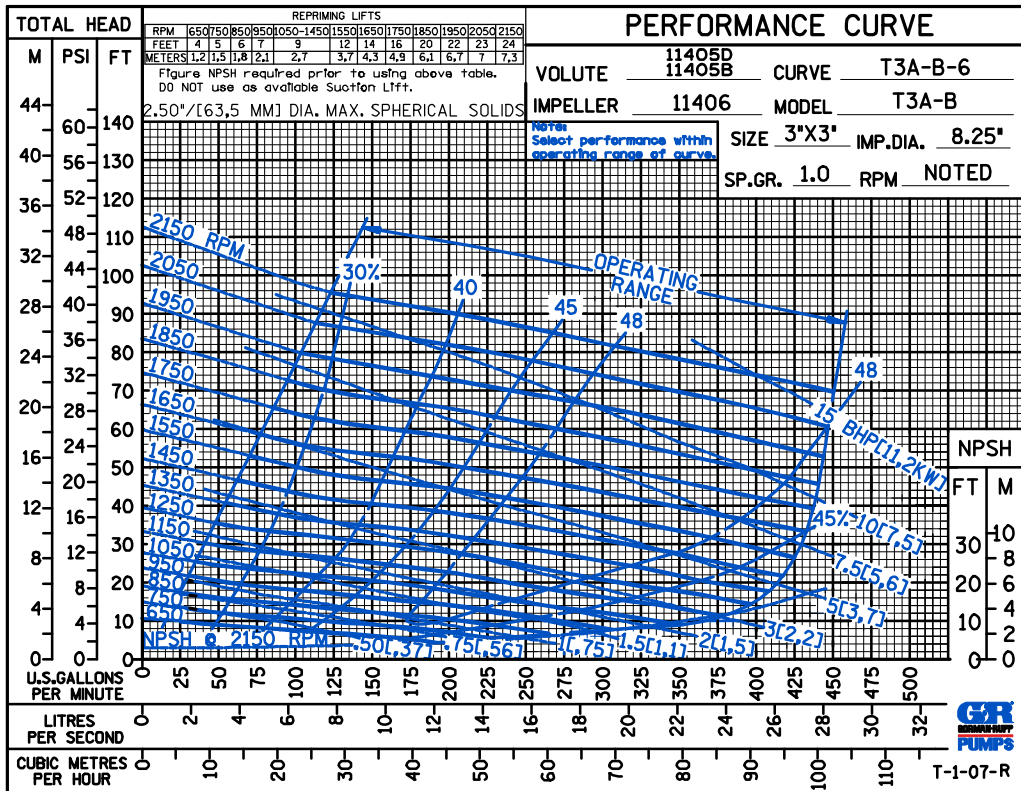
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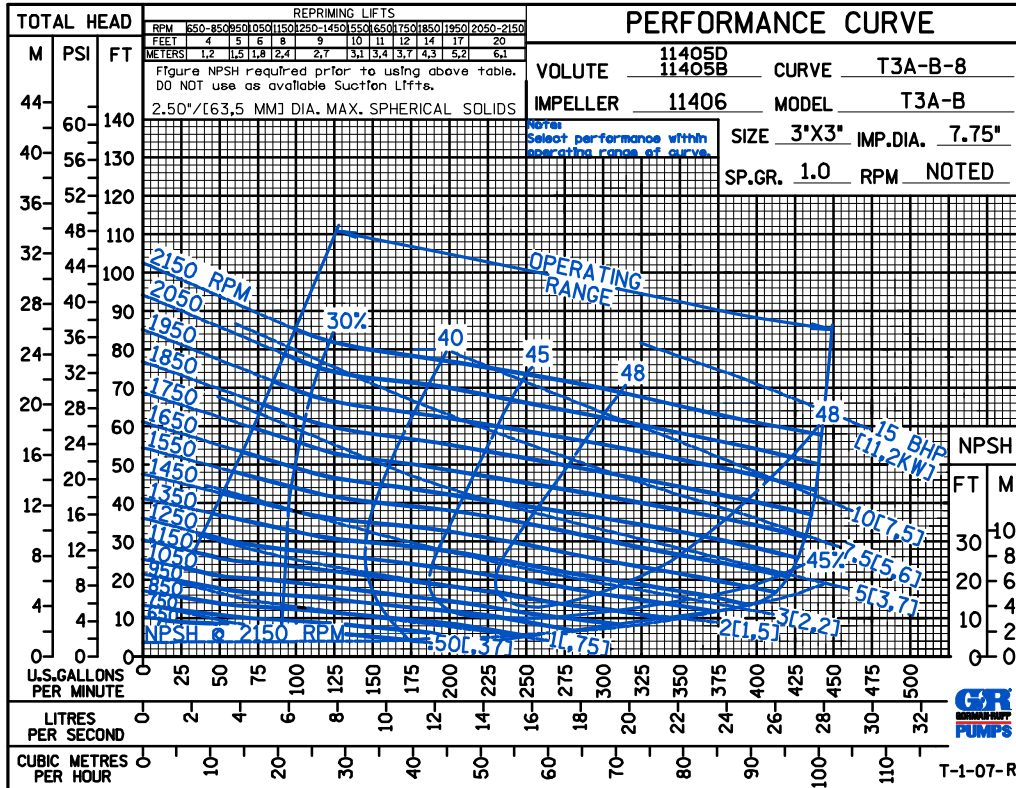
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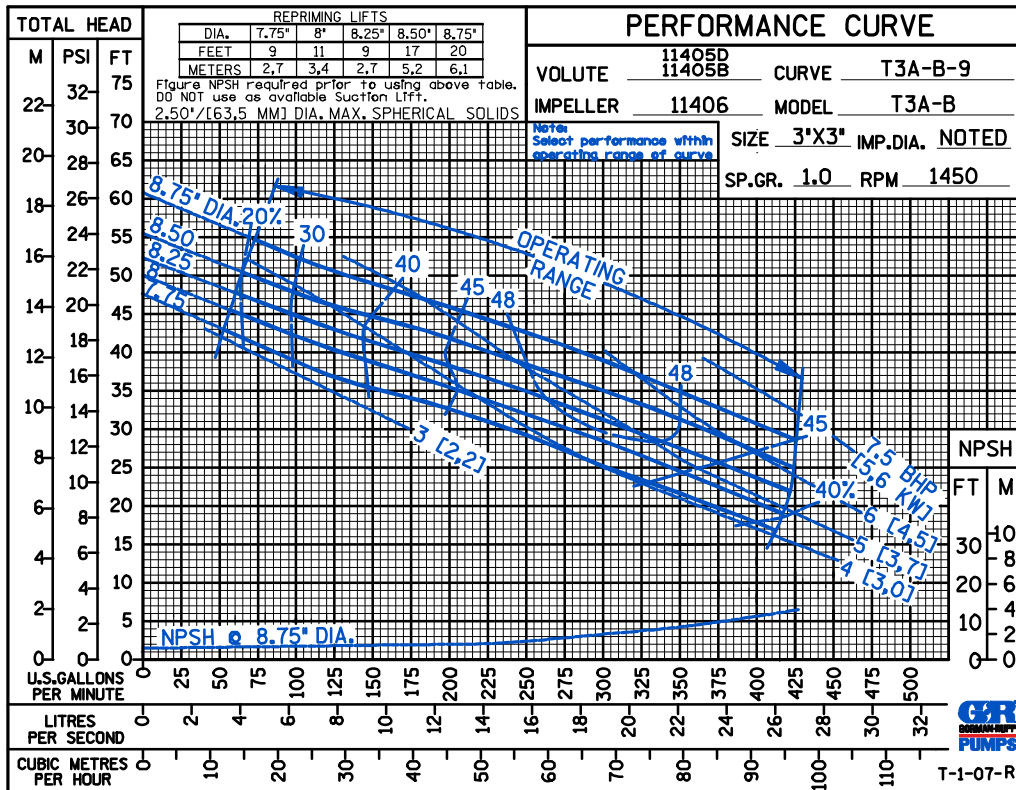
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50 HERTZ



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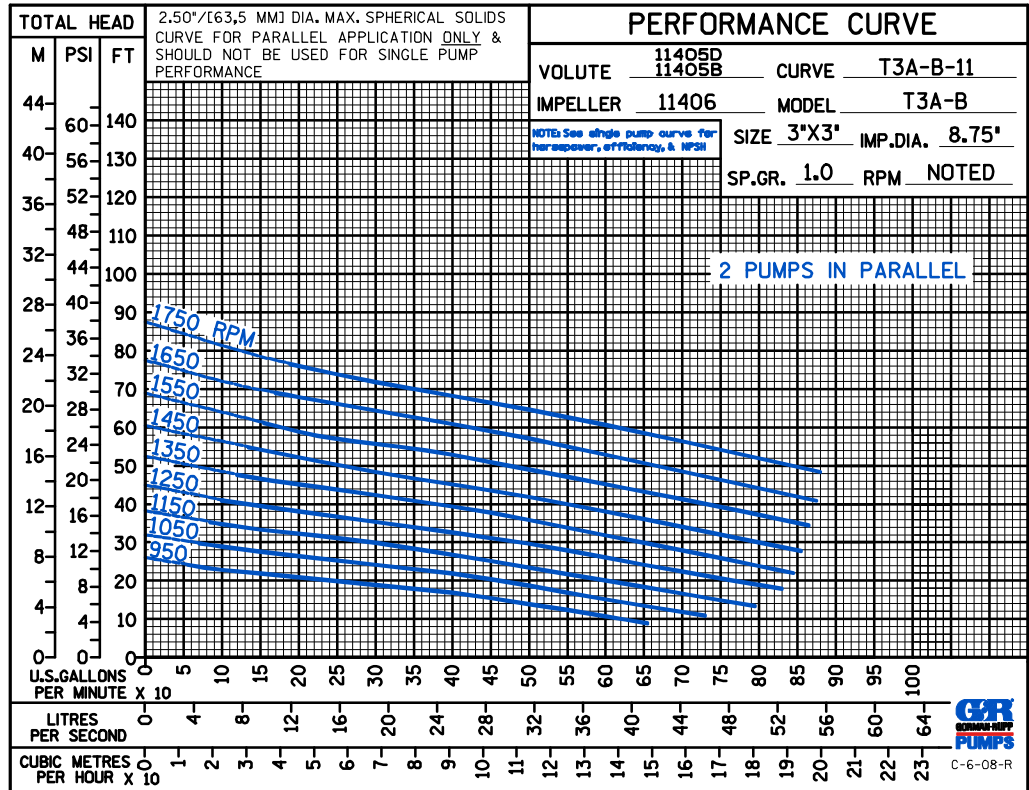
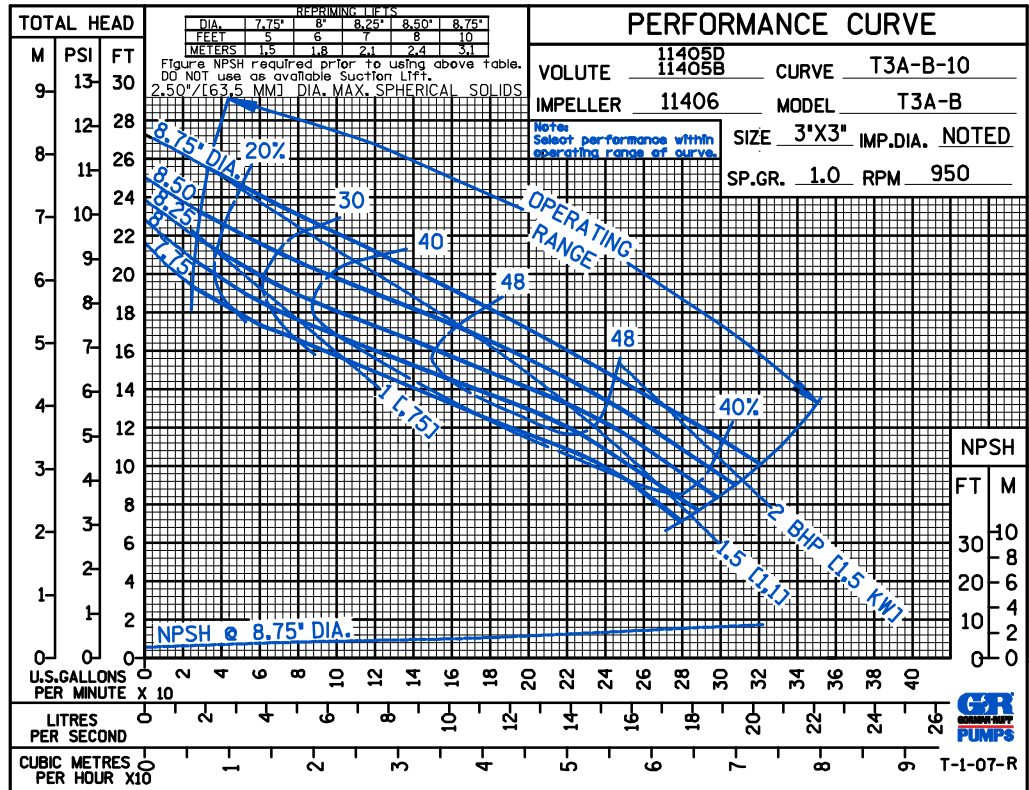
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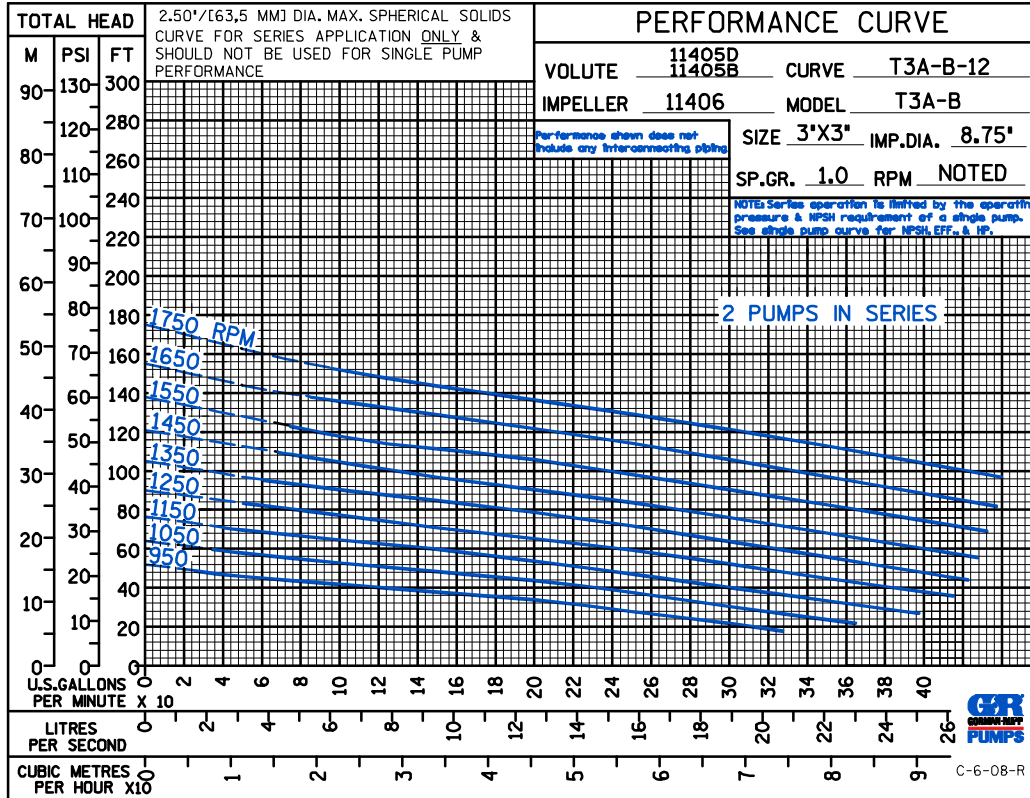
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