

C W

Self Priming Centrifugal Pump

**Super
T SERIES**

VARIOUS PATENTS APPLY

Model T3A60S-B**Size 3" x 3"****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.

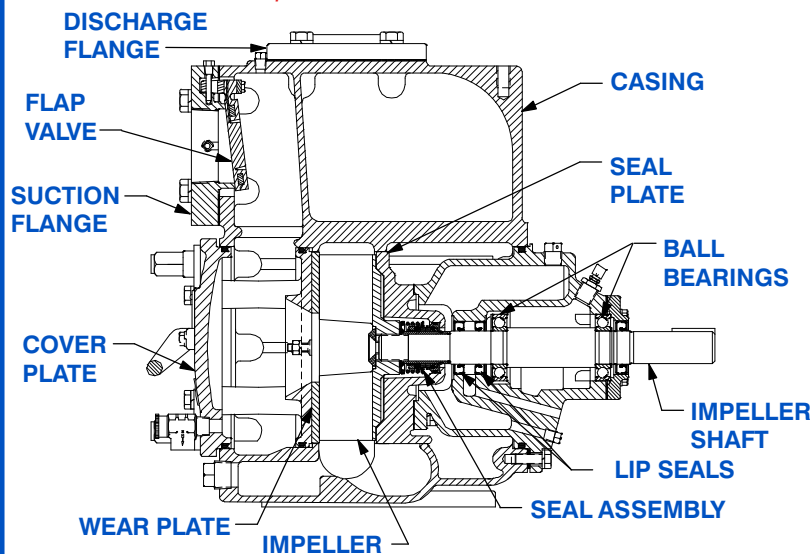
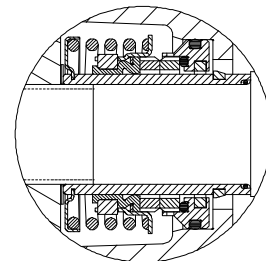
Handles 2 1/2" (63,5 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.**Shaft Sleeve:** Alloy Steel 4130.**Replaceable Wear Plate:** Carbon Steel 1015.**Removable Adjustable Cover Plate:** Gray Iron 30; 35 lbs. (16 kg).**Flap Valve:** Neoprene ^{w/}Nylon and Steel Reinforcing.**Seal Plate:** Gray Iron 30.**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 and Seal Cavity Oil Level Sight Gauges.****Optional Equipment:** Automatic Air Release Valve. Metal Bellows

Seal. 120V/240V Casing Heater. High Pump Temperature

Shutdown Kit. G-R Hard Iron Casing. Self-Cleaning Wear Plate.

Gray Iron 30 Suction and Discharge Spool Flanges:

3" ASA (**Specify Model T3A60S-B /F**).80 mm DIN 2527 (PN 16) (**Specify Model T3A60S-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 SPECIFICATIONS**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).***SEAL DETAIL****THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**

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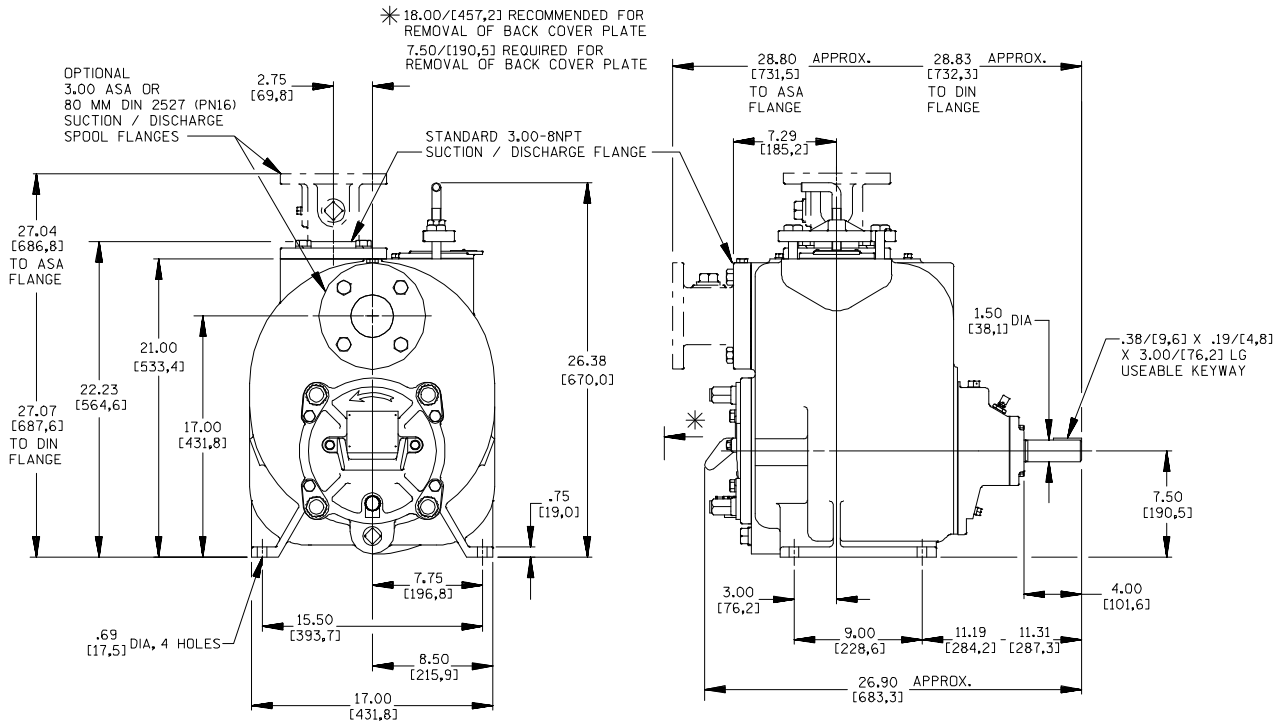
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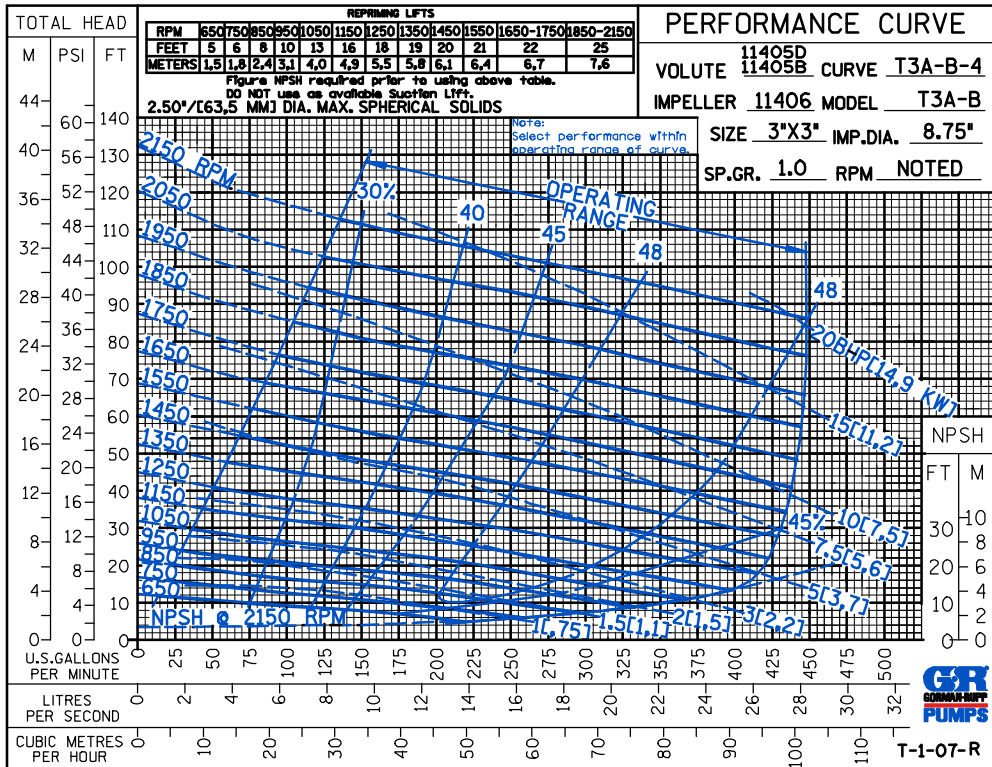
SECTION 55, PAGE 2010

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 SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE



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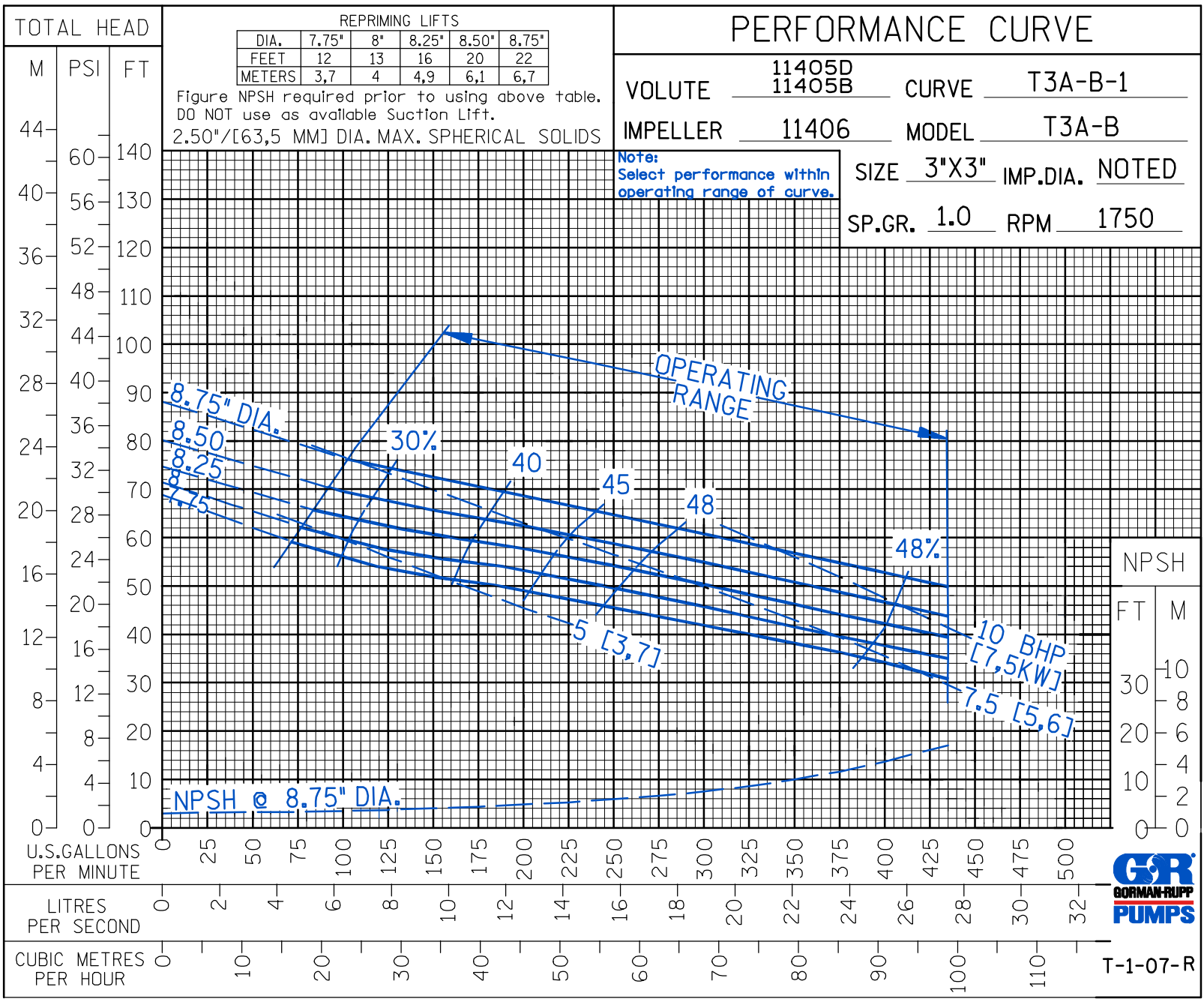


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Sec. 55
PAGE 2051.1
JULY 2008



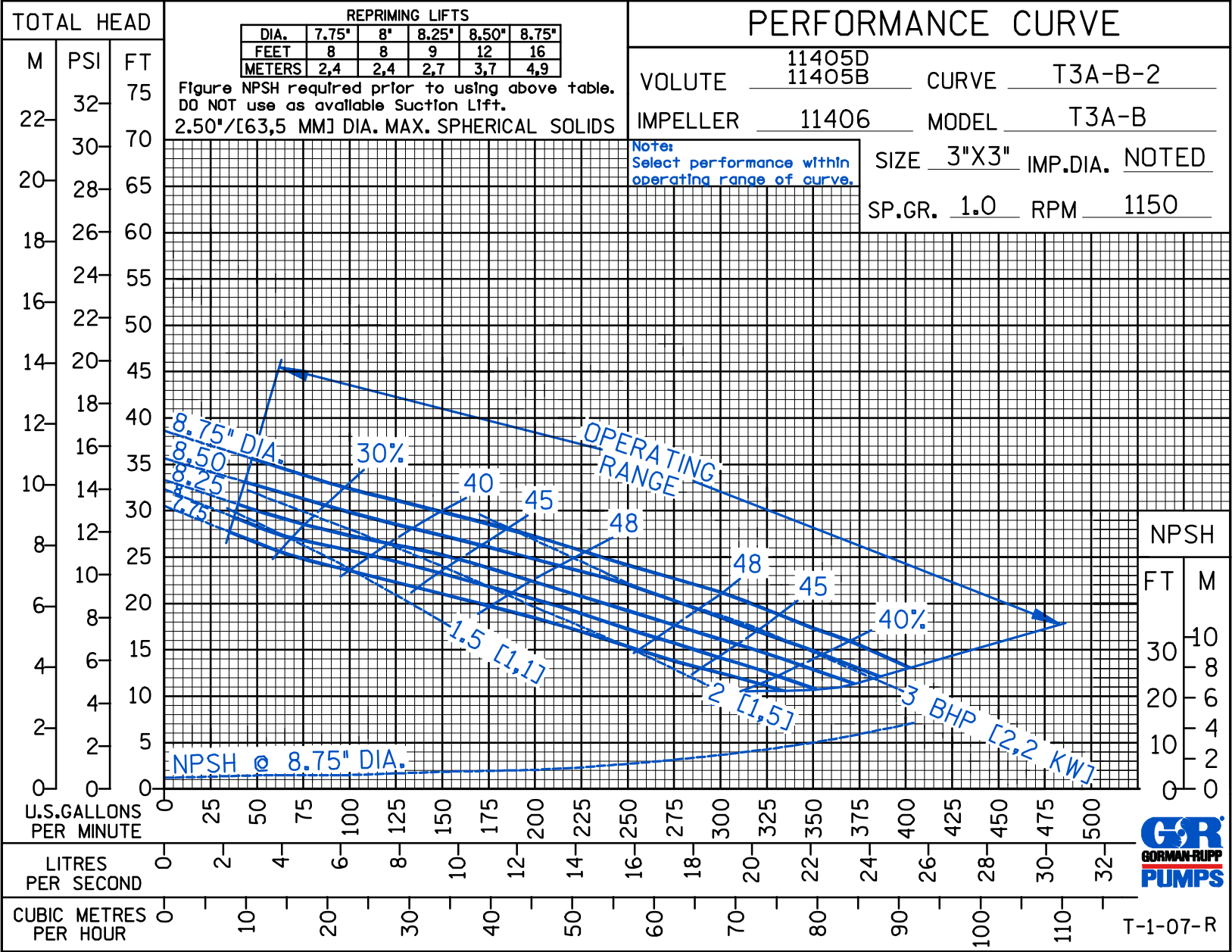
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Sec. 55

PAGE 2051.2
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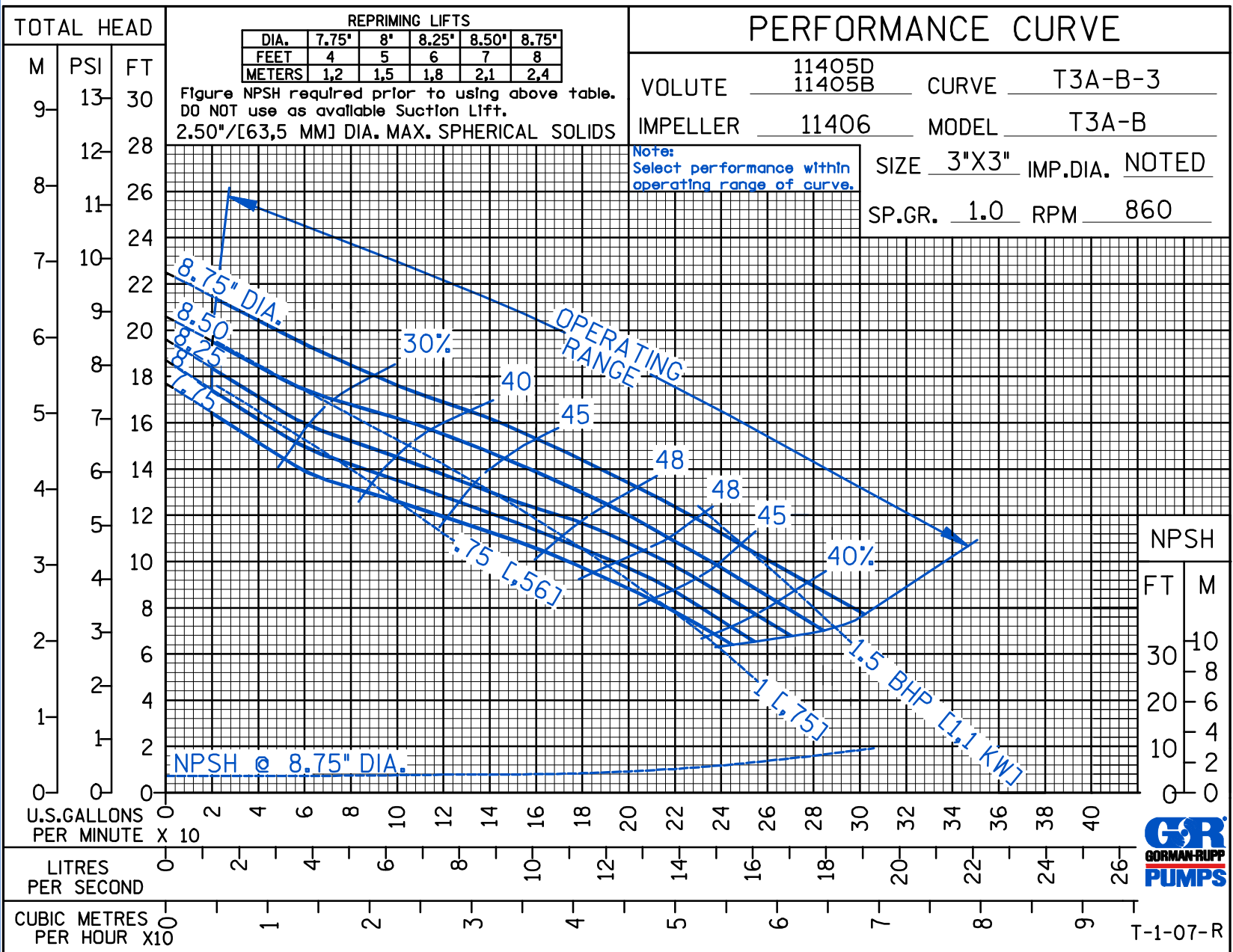
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Sec. 55

PAGE 2051.3
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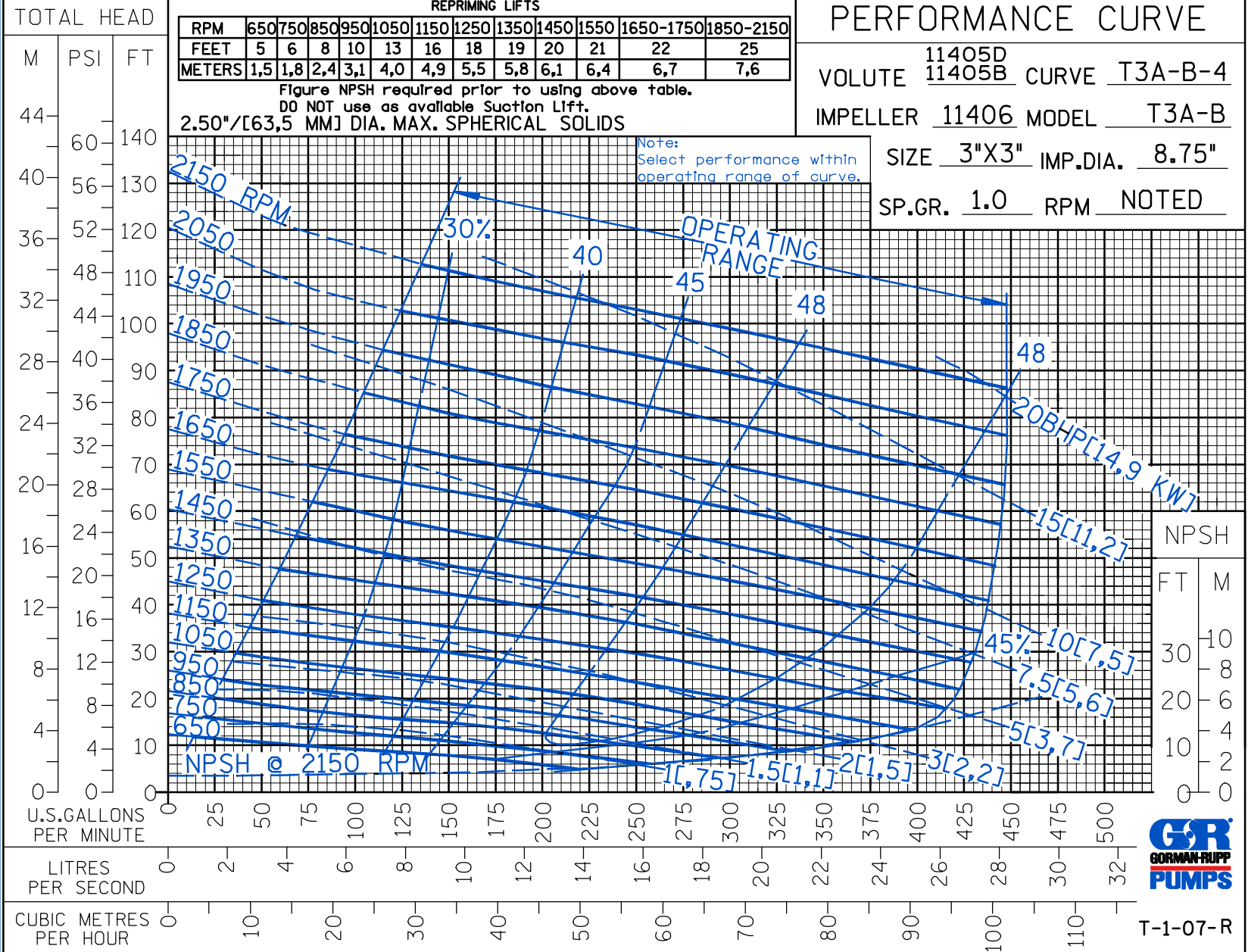
PERFORMANCE CURVE

VOLUTE 11405D
 11405B CURVE T3A-B-4
 IMPELLER 11406 MODEL T3A-B
 SIZE 3"X3" IMP.DIA. 8.75"
 SP.GR. 1.0 RPM NOTED

REPRIMING LIFTS												
RPM	650	750	850	950	1050	1150	1250	1350	1450	1550	1650-1750	1850-2150
FEET	5	6	8	10	13	16	18	19	20	21	22	25
METERS	1,5	1,8	2,4	3,1	4,0	4,9	5,5	5,8	6,1	6,4	6,7	7,6

Figure NPSH required prior to using above table.
 DO NOT use as available Suction Lift.
 2.50"/[63,5 MM] DIA. MAX. SPHERICAL SOLIDS

Note:
 Select performance within
 operating range of curve.



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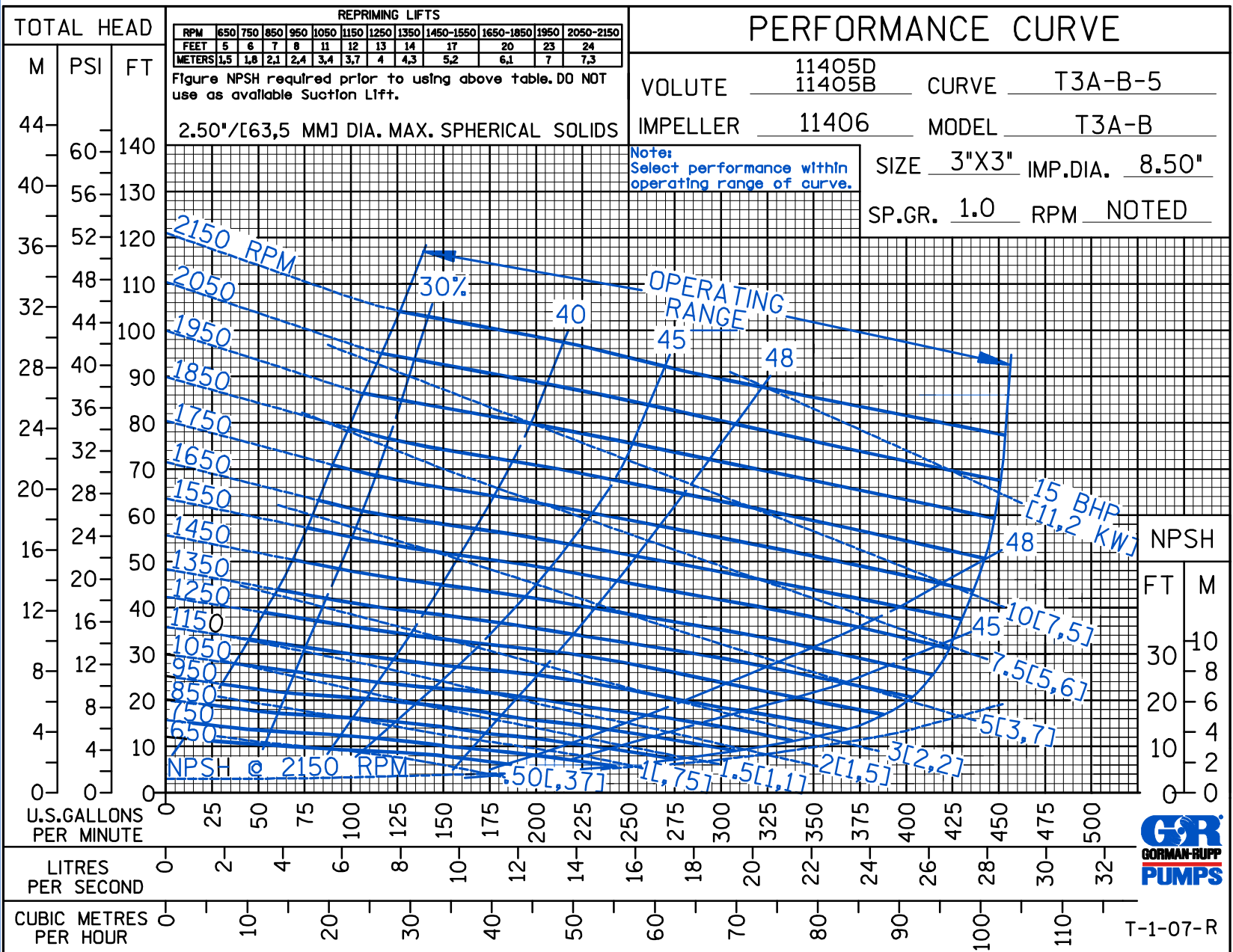
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Sec. 55

PAGE 2051.5
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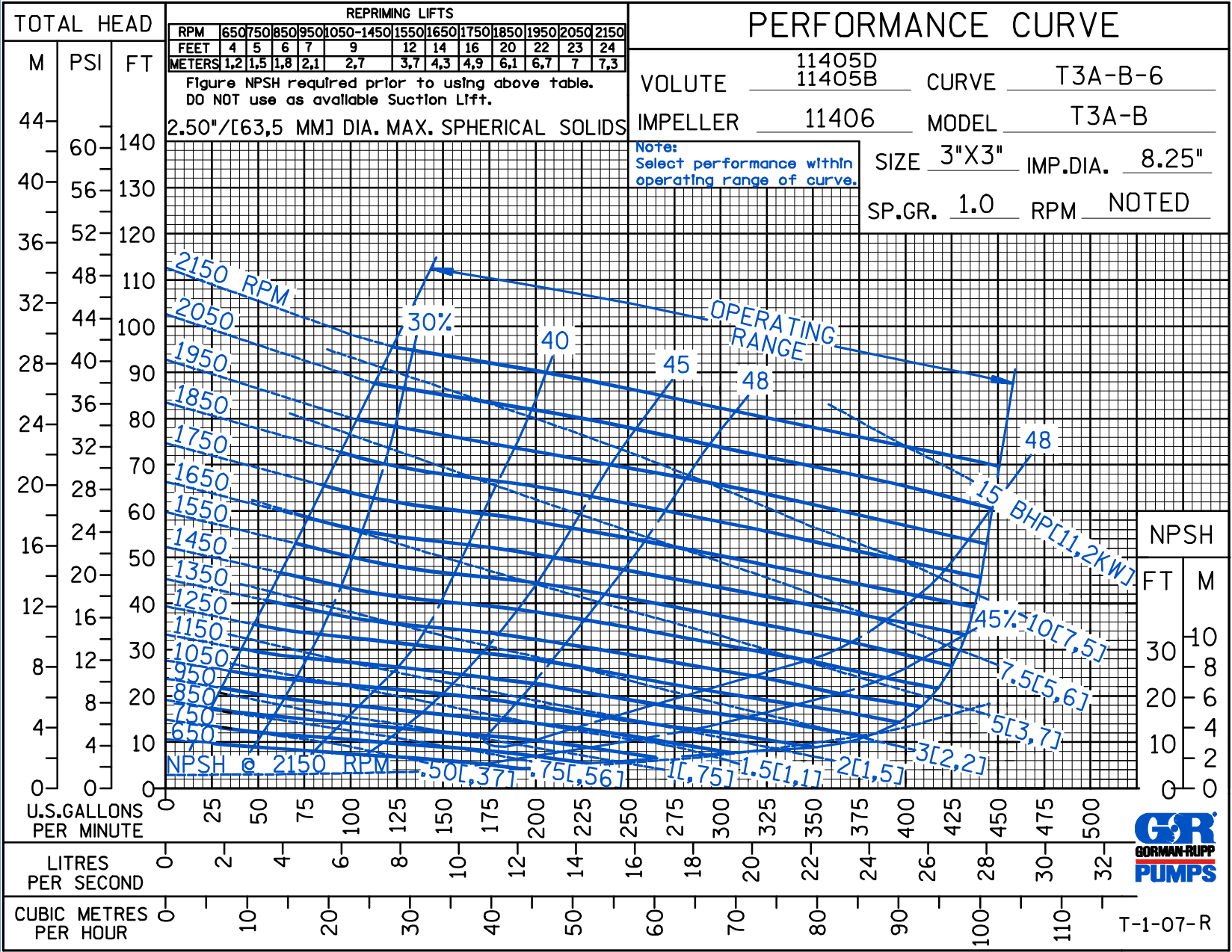
PERFORMANCE CURVE

VOLUTE 11405D
 11405B CURVE T3A-B-6
 IMPELLER 11406 MODEL T3A-B
 SIZE 3"X3" IMP.DIA. 8.25"
 SP.GR. 1.0 RPM NOTED

Note:
 Select performance within
 operating range of curve.

REPRIMING LIFTS													
RPM	650	750	850	950	1050	1450	1550	1650	1750	1850	1950	2050	2150
FEET	4	5	6	7	9	12	14	16	20	22	23	24	
METERS	1,2	1,5	1,8	2,1	2,7	3,7	4,3	4,9	6,1	6,7	7	7,3	

Figure NPSH required prior to using above table.
 DO NOT use as available Suction Lift.
 2.50"/[63,5 MM] DIA. MAX. SPHERICAL SOLIDS



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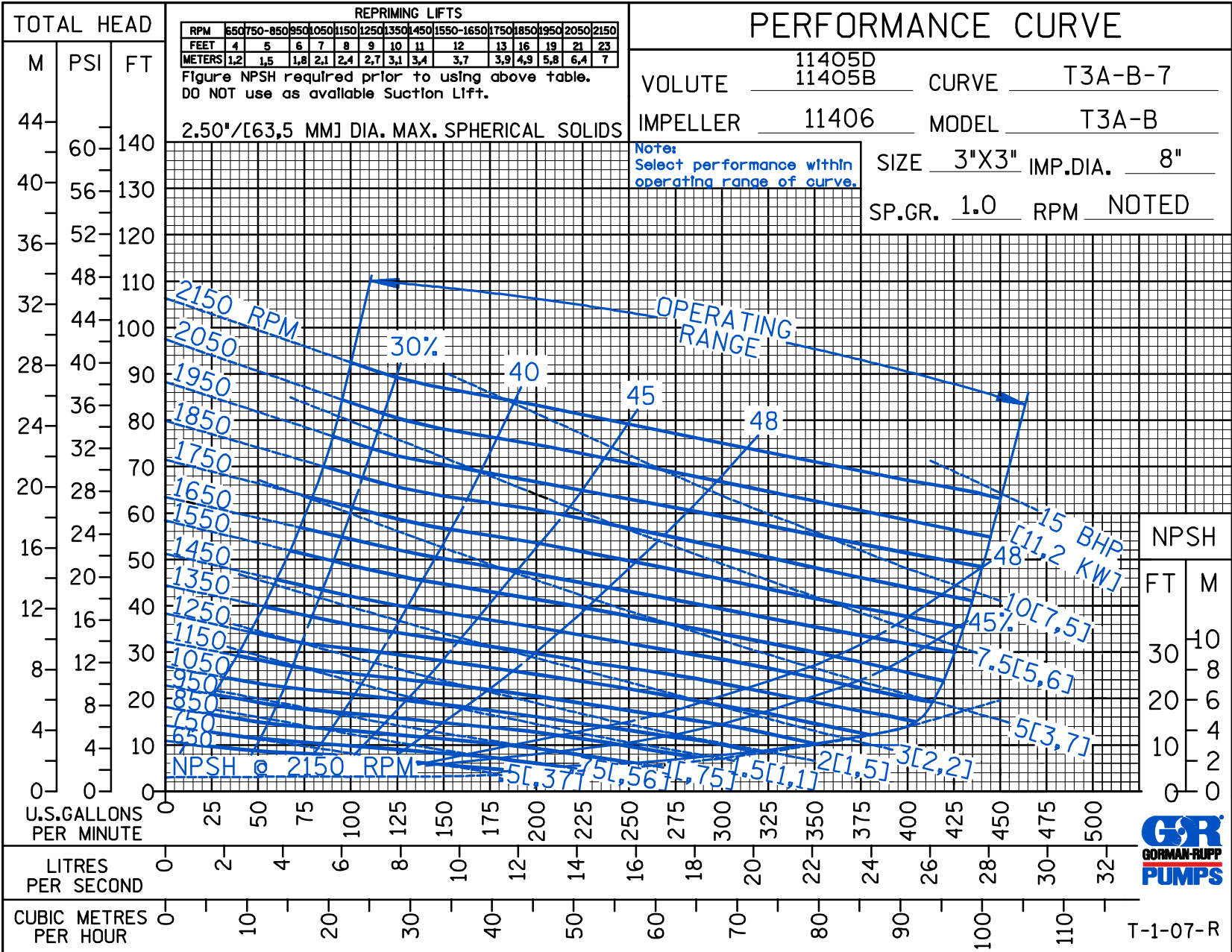
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Sec. 55

PAGE 2051.7
JULY 2008



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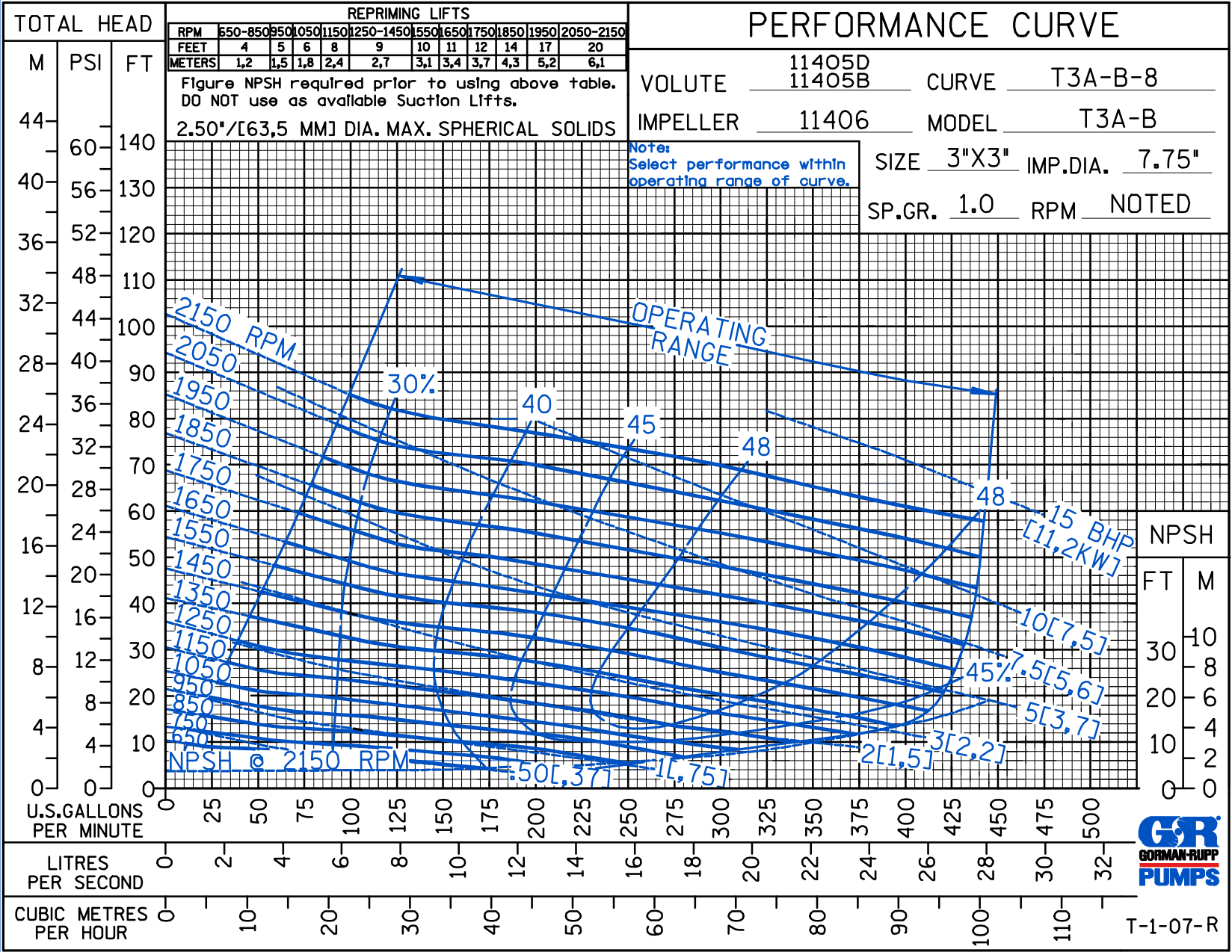


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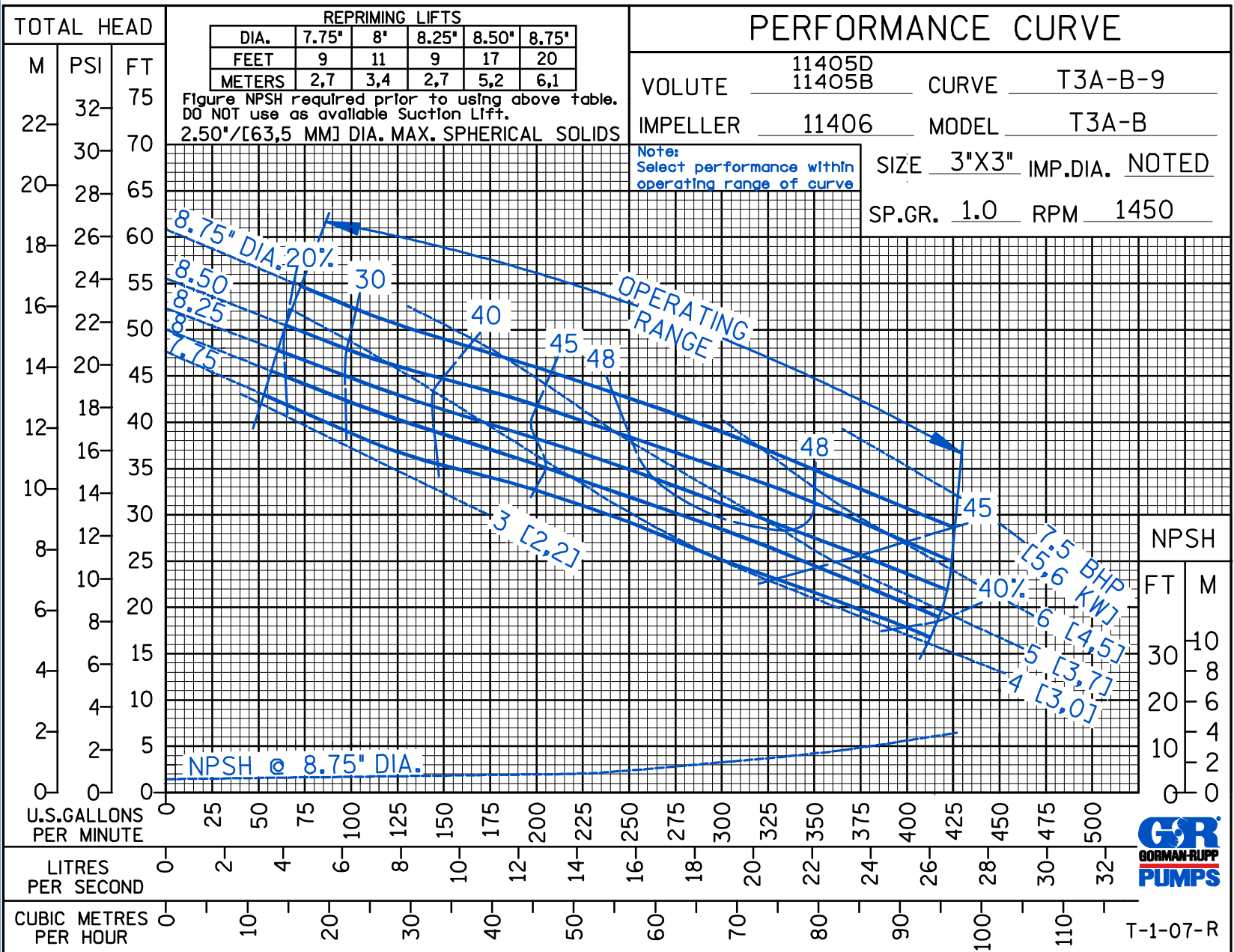
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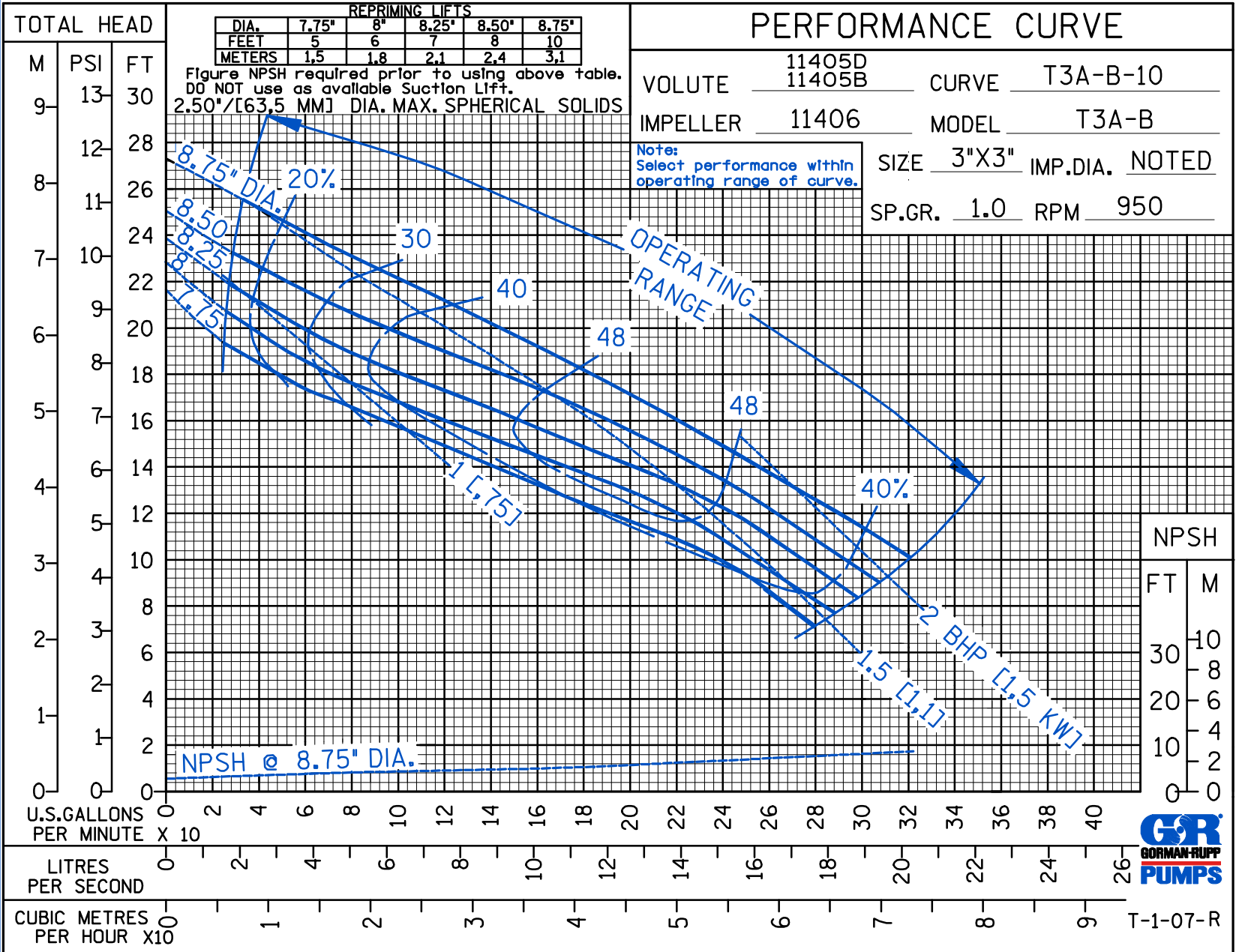


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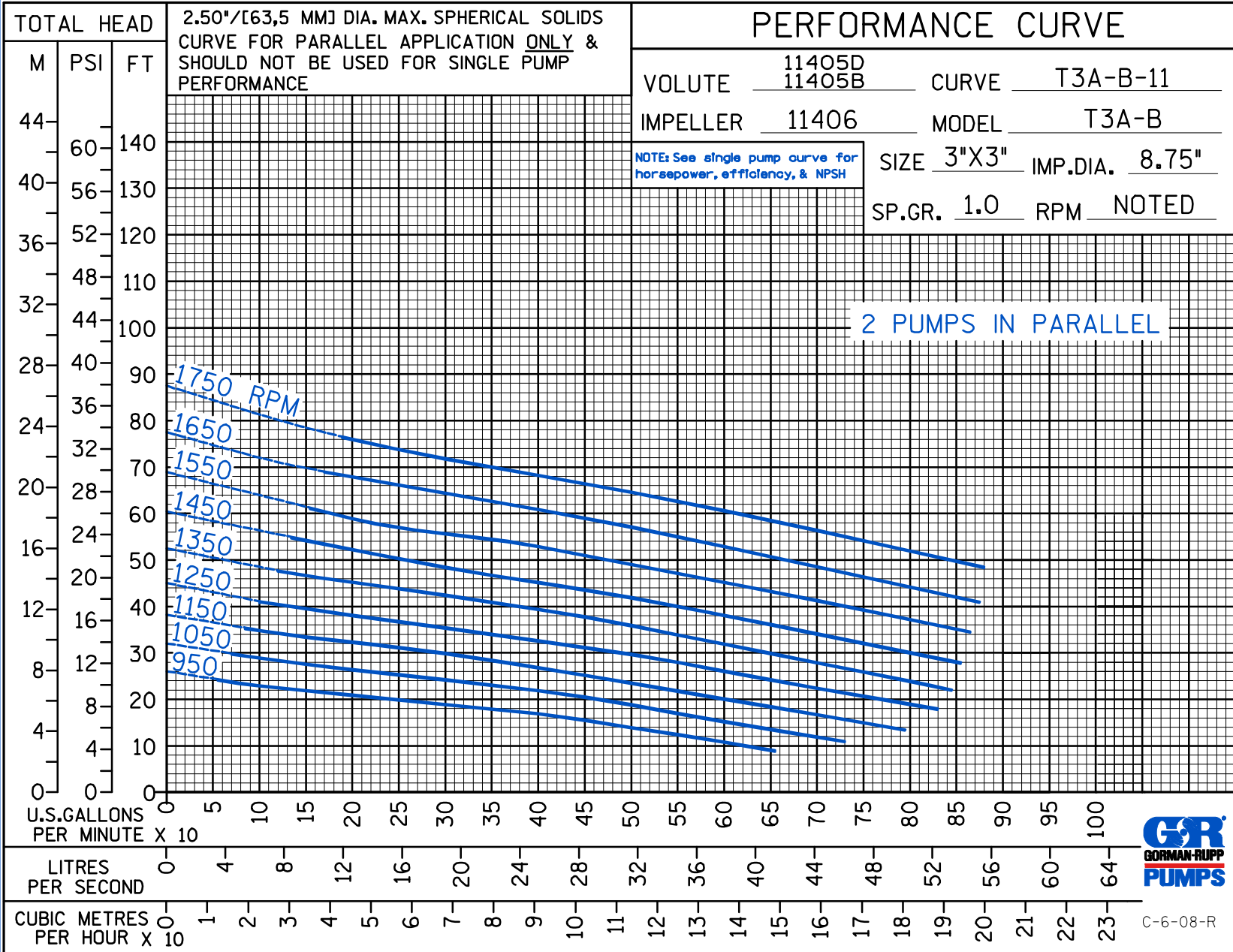
PAGE 2051.10
 JULY 2008

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PERFORMANCE CURVE

VOLUTE	11405D 11405B	CURVE	T3A-B-11
IMPELLER	11406	MODEL	T3A-B
NOTE: See single pump curve for horsepower, efficiency, & NPSH		SIZE	3"X3" IMP.DIA. 8.75"
		SP.GR.	1.0 RPM NOTED

2.50"/[63,5 MM] DIA. MAX. SPHERICAL SOLIDS CURVE FOR PARALLEL APPLICATION ONLY & SHOULD NOT BE USED FOR SINGLE PUMP PERFORMANCE



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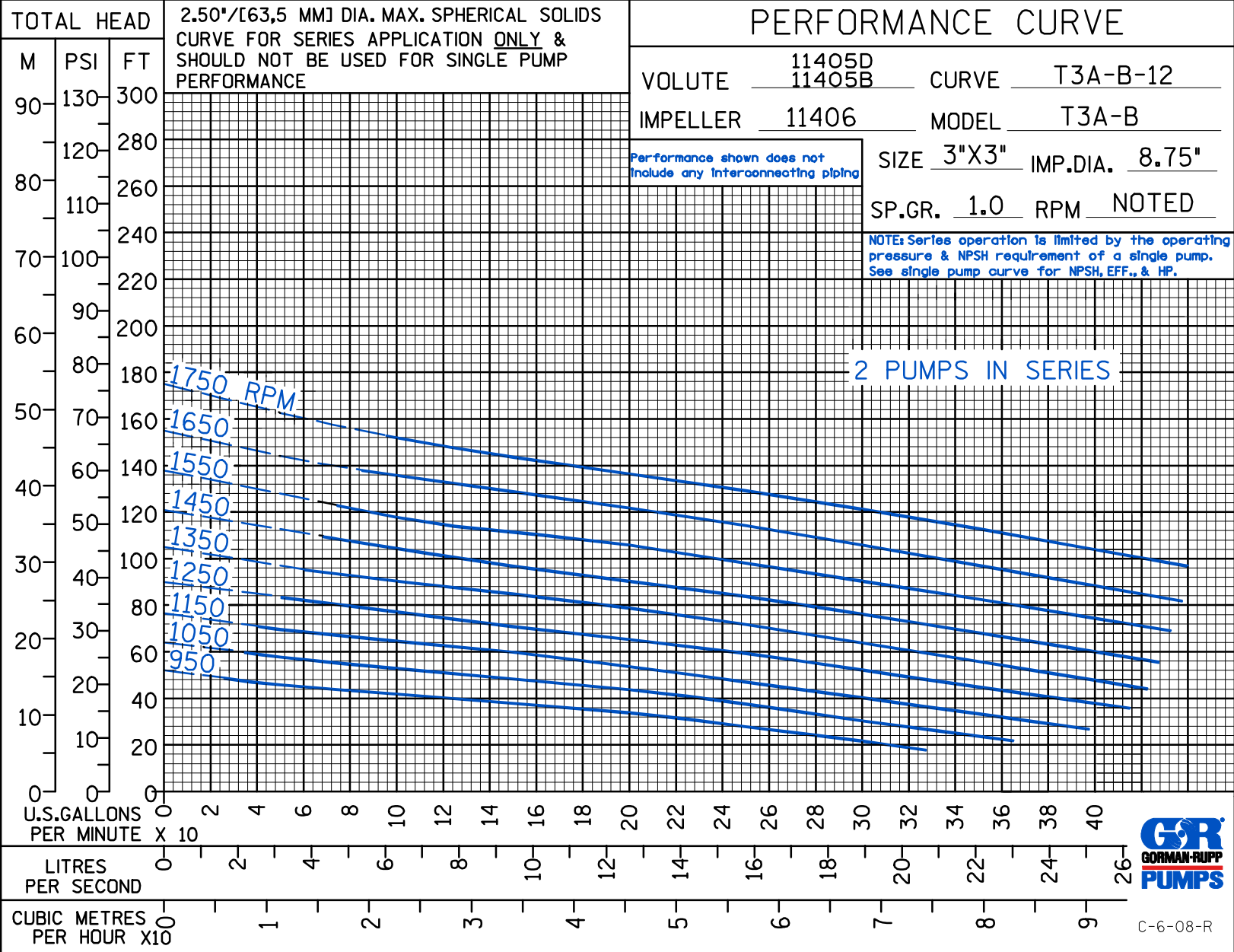
PERFORMANCE CURVE

VOLUTE 11405D / 11405B CURVE T3A-B-12
 IMPELLER 11406 MODEL T3A-B
 SIZE 3"X3" IMP.DIA. 8.75"
 SP.GR. 1.0 RPM NOTED

Performance shown does not include any interconnecting piping

NOTE: Series operation is limited by the operating pressure & NPSH requirement of a single pump. See single pump curve for NPSH, EFF., & HP.

2.50" [63,5 MM] DIA. MAX. SPHERICAL SOLIDS CURVE FOR SERIES APPLICATION ONLY & SHOULD NOT BE USED FOR SINGLE PUMP PERFORMANCE



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