

Stainless Steel Fitted Basic Pump

Self Priming Centrifugal Pump



VARIOUS PATENTS APPLY

Model T6A61S-B

Size 6" x 6"



PUMP SPECIFICATIONS

Size: 6" x 6" (152 mm x 152 mm) NPT - Female.**Casing:** Gray Iron 30.

Maximum Operating Pressure 79 psi (545 kPa).*

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

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

Impeller Shaft: Stainless Steel 17-4 PH.**Replaceable Wear Plate:** Stainless Steel 316.**Adjustable Back Cover Plate:** Gray Iron 30.**Removable Inspection Cover Plate:** Gray Iron 30; 20 lbs. (9,1 kg.).**Flap Valve:** Neoprene w/Nylon and Steel Reinforcing.**Seal Plate:** Stainless Steel 316.**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, PTFE, Vegetable Fiber, Cork, and Rubber.**O-Rings:** Buna-N.**Internal Wetted Hardware:** Stainless Steel 316.**External Hardware:** Standard Plated Steel.**Pressure Relief Valve:** Stainless Steel 316.**Bearing and Seal Cavity Oil Level Sight Gauges.****Optional Equipment:** Automatic Air Release Valve. Metal Bellows Seal.

Stainless Steel CD4MCu Impeller, Seal Plate and Wear Plate.

120V/240V Casing Heater. High Pump Temperature Shutdown Kit.

Eradicator Solids Management System. Gray Iron 30 Suction and

Discharge Spool Flanges:

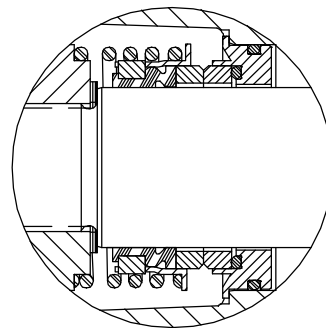
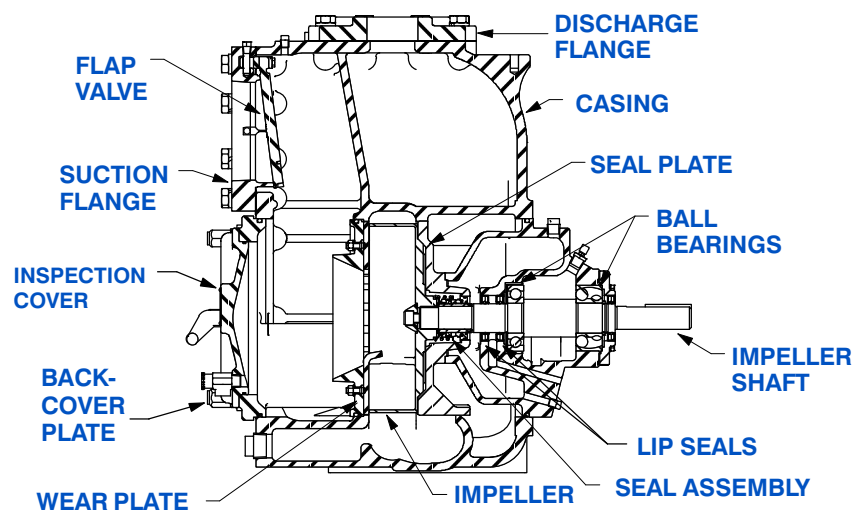
6" ASA (Specify Model T6A61S-B /F).

150 mm DIN 2527 (PN16) (Specify Model T6A61S-B /FM).

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



Shown with Optional Suction and Discharge Spool Flanges (Available in ASA or DIN Standard Sizes).



SEAL DETAIL

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

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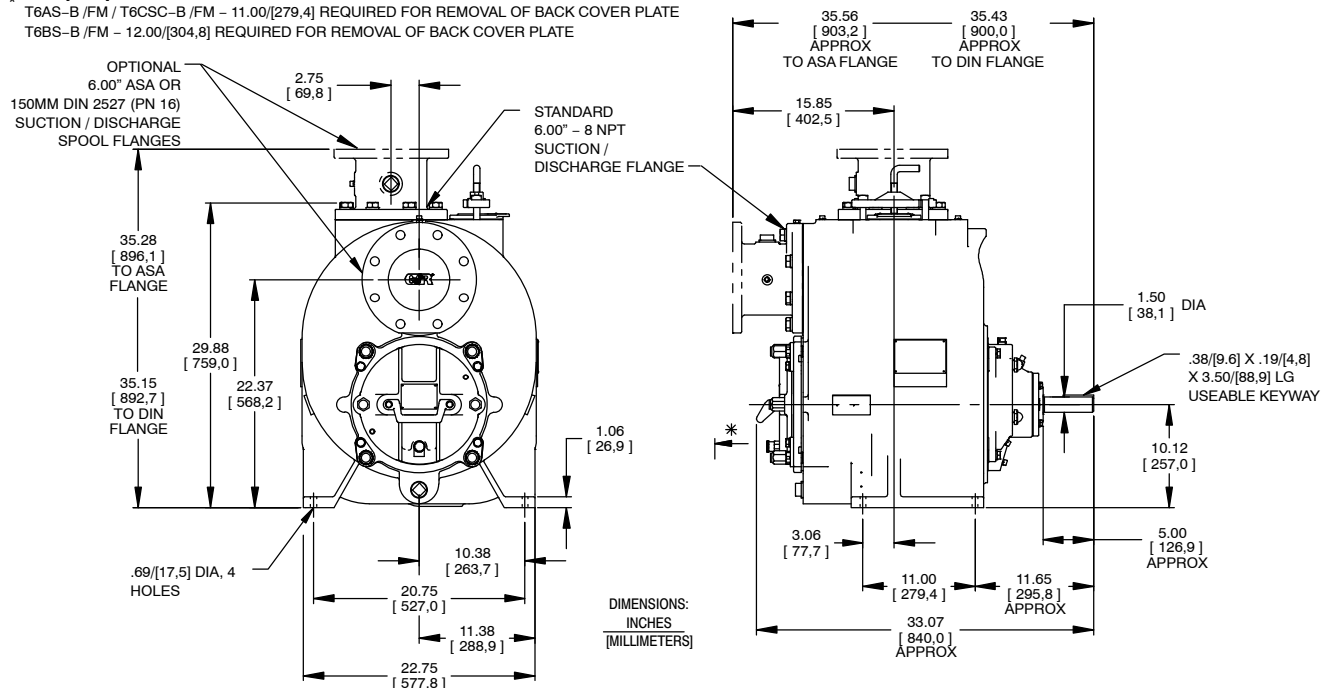
Specification Data

SECTION 55, PAGE 2220C

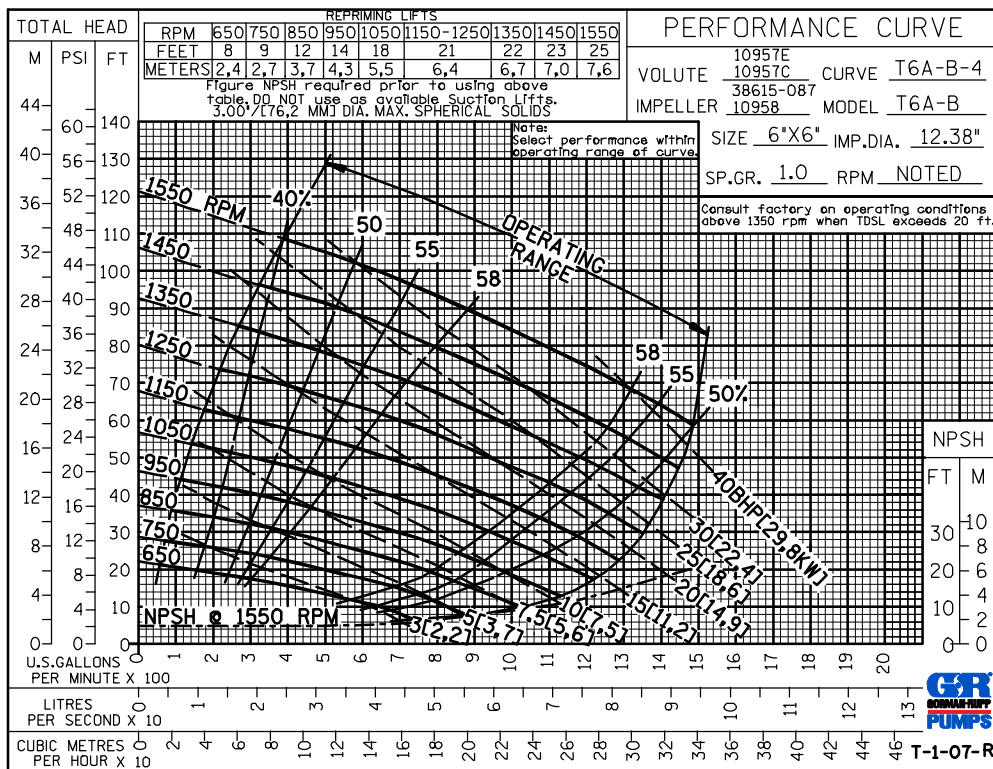
APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 885 LBS. (401 KG.)*
SHIPPING WEIGHT: 945 LBS. (429 KG.)*
EXPORT CRATE: 32.5 CU. FT. (0,92 CU. M.)
***ADD 25 LBS. (11,3 KG.) W/EACH SPOOL FLANGE**

* 18.00/[457,2] RECOMMENDED FOR REMOVAL OF BACK COVER PLATE
 T6AS-B / FM / T6CSC-B / FM - 11.00/[279,4] REQUIRED FOR REMOVAL OF BACK COVER PLATE
 T6BS-B / FM - 12.00/[304,8] REQUIRED FOR REMOVAL OF BACK COVER PLATE



OPTIONAL ASA OR DIN STANDARD SUCTION & DISCHARGE SPOOL FLANGES AVAILABLE



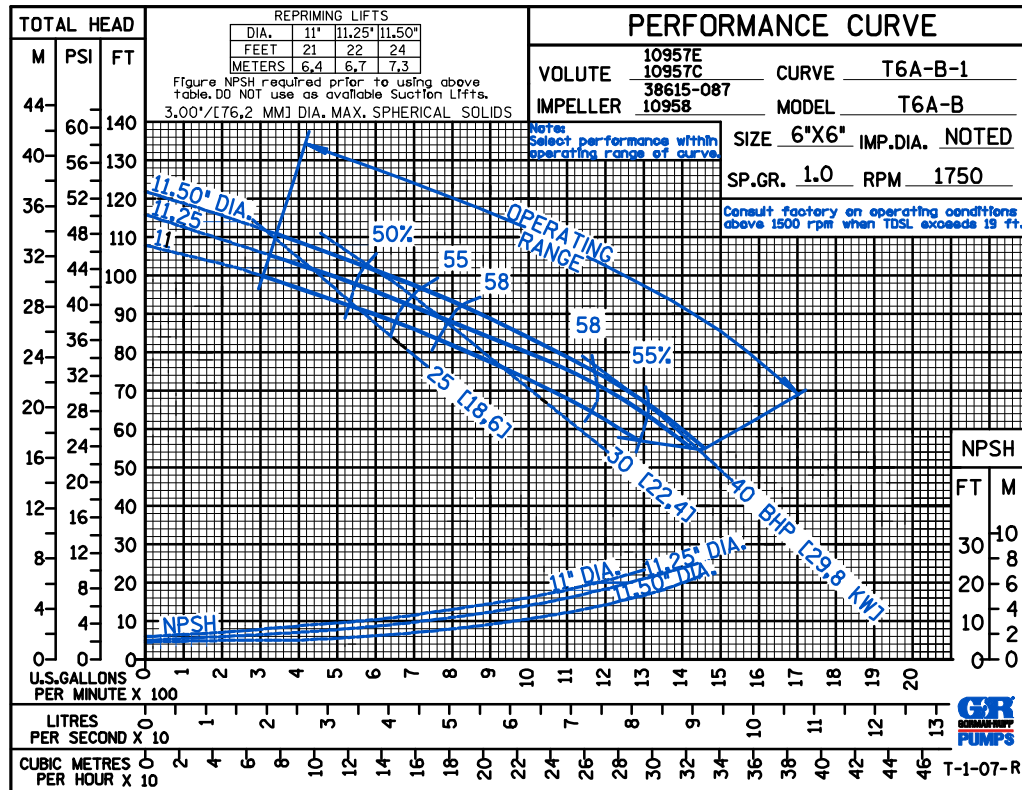
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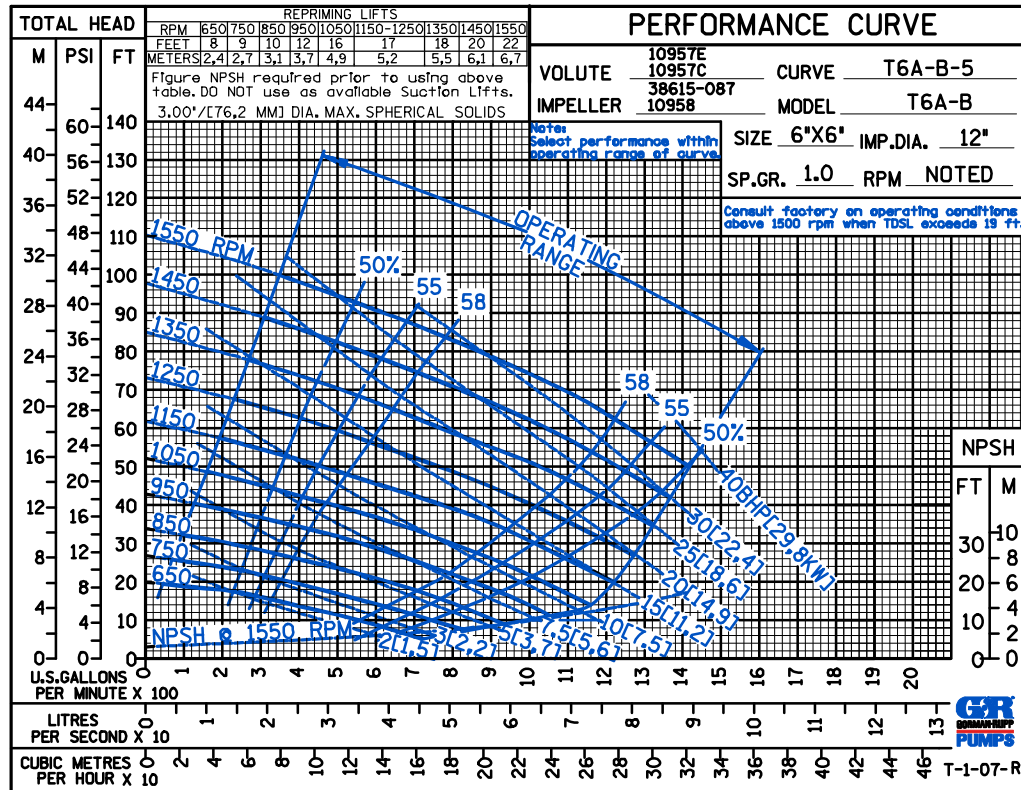
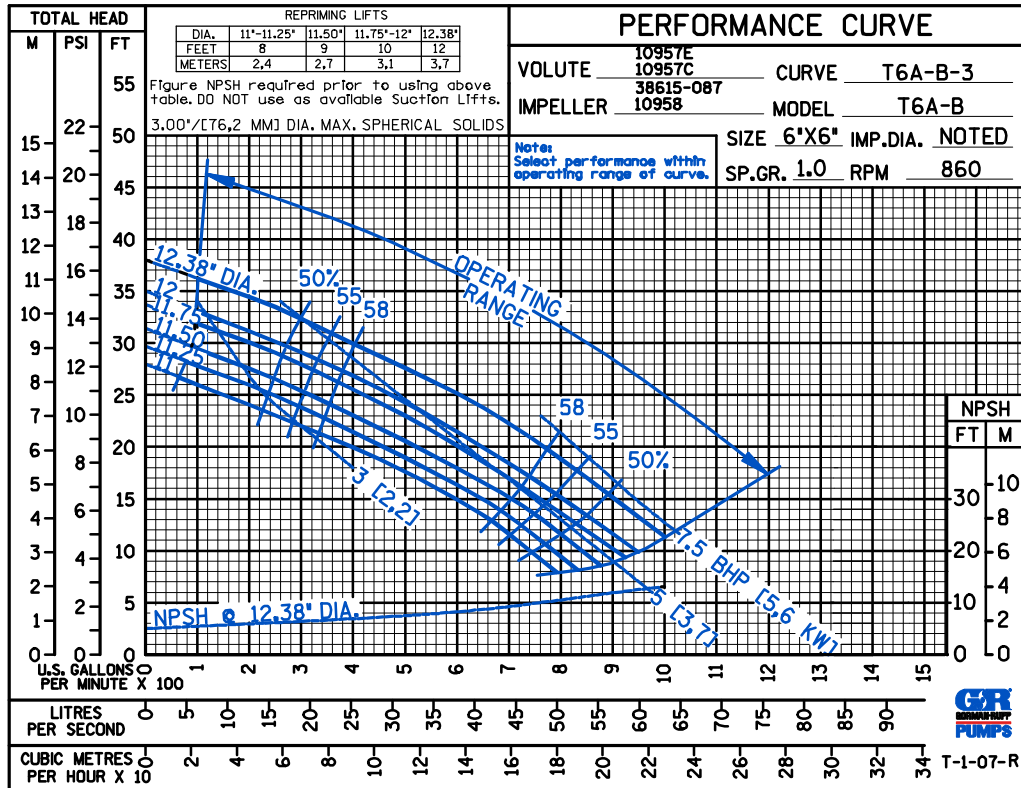
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TOTAL HEAD

M	PSI	FT
44	60	140
40	56	130
36	52	120
32	48	110
28	44	100
24	40	90
20	36	80
16	32	70
12	28	60
8	24	50
4	20	40
0	16	30
0	12	20
0	8	10
0	4	0

REPRIMING LIFTS

RPM	750	850	950	1050	1150	1250	1350	1450	1550	1650
FEET	7	8	9	11	14	16	18	19	20	22
METERS	2.1	2.4	2.7	3.4	4.3	4.9	5.5	5.8	6.1	6.7

Figure NPSH required prior to using above table. DO NOT use as available Suction Lifts.
3.00"/76.2 MMJ DIA. MAX. SPHERICAL SOLIDS

VOLUTE _____
IMPELLER _____

CURVE T6A-B-6
MODEL T6A-B

SIZE 6"x6" IMP.DIA. 11.75"
SP.GR. 1.0 **RPM** NOTED

Note: Select performance within operating range of curve.

OPERATING RANGE

NPSH

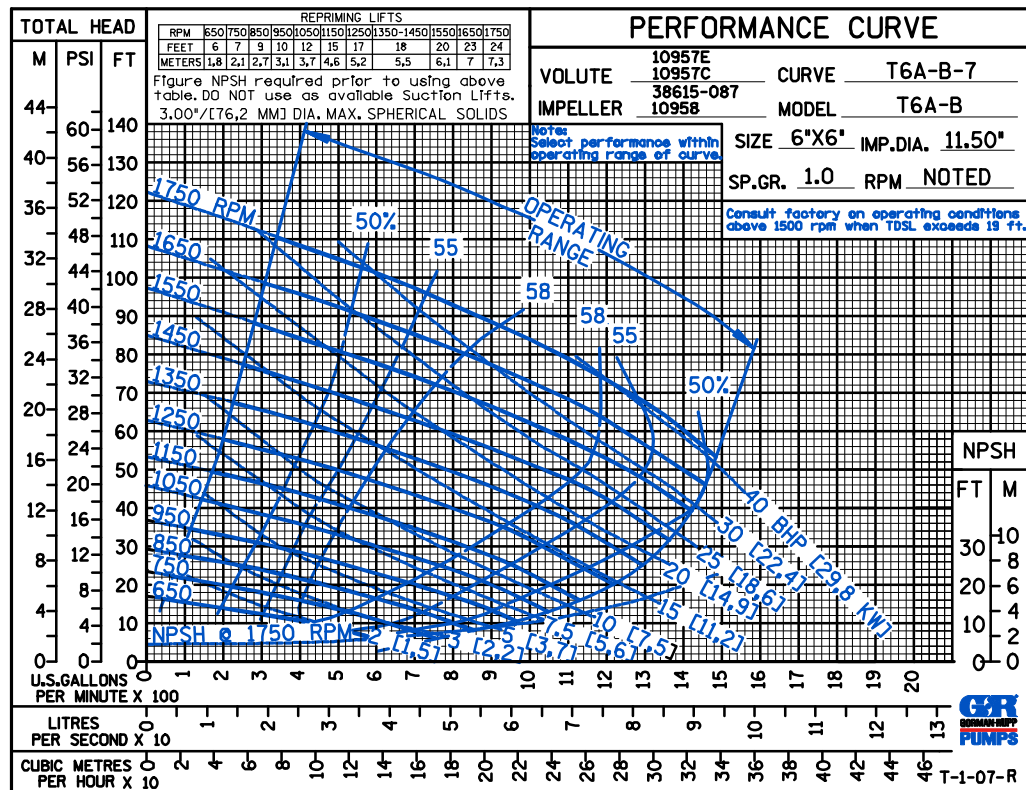
U.S. GALLONS PER MINUTE X 100

LITRES PER SECOND X 10

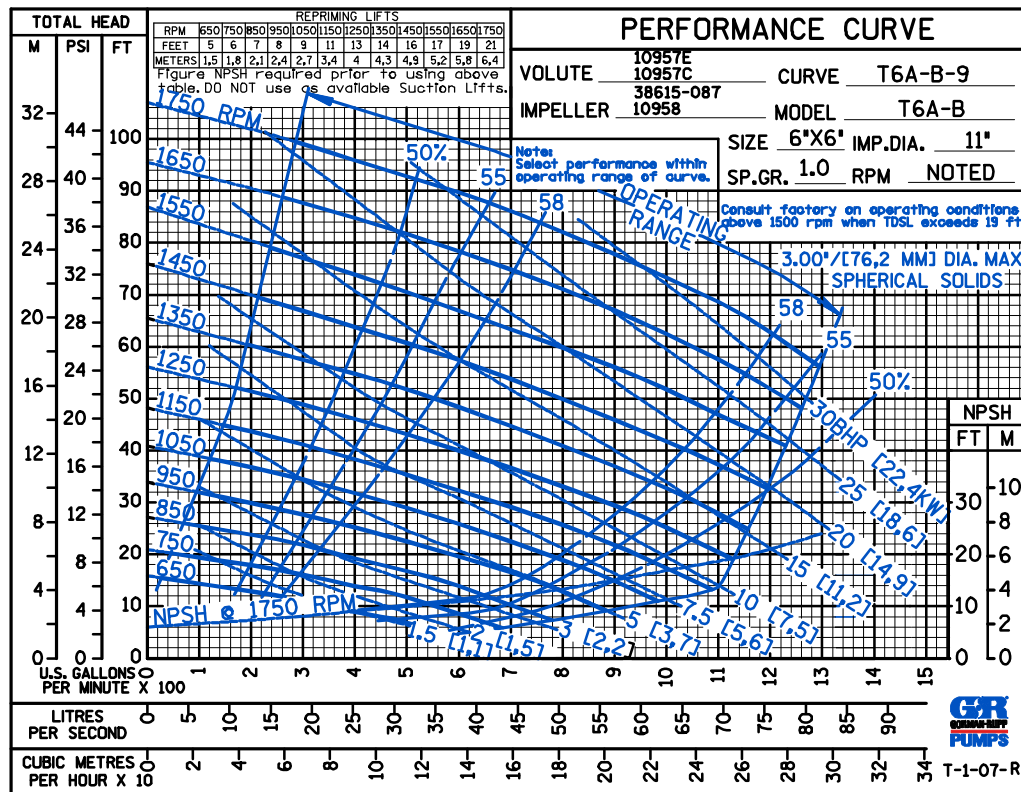
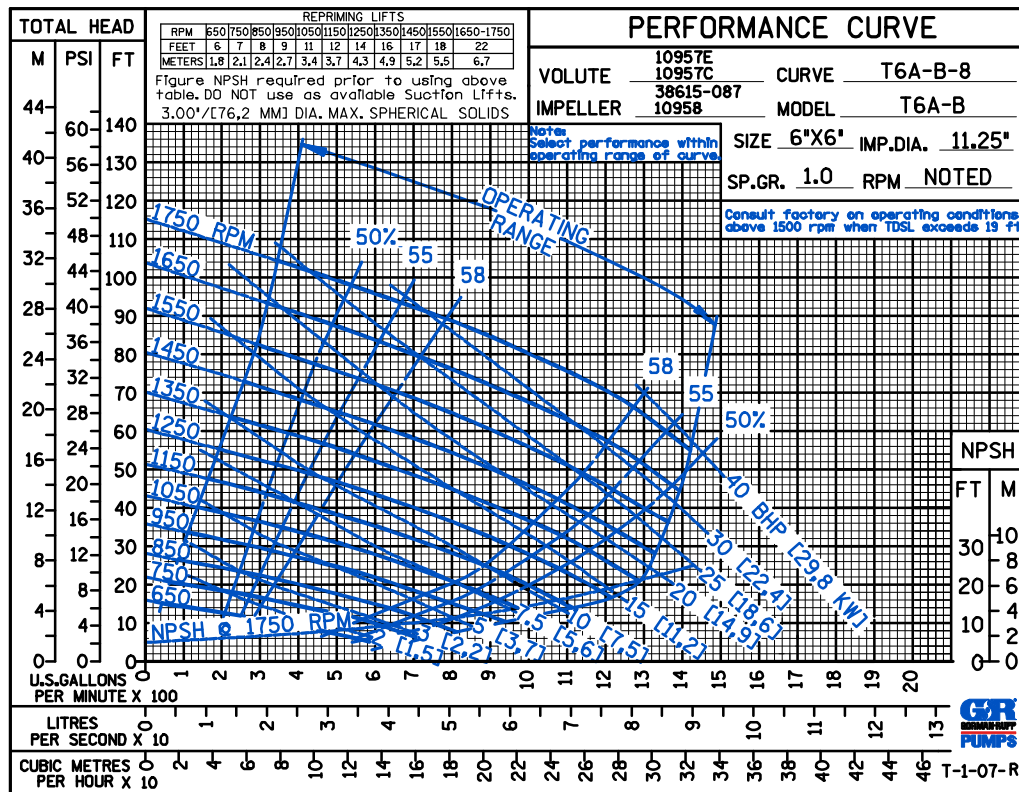
CUBIC METRES PER HOUR X 10

GAR PUMPS

T-1-07-R



CDS



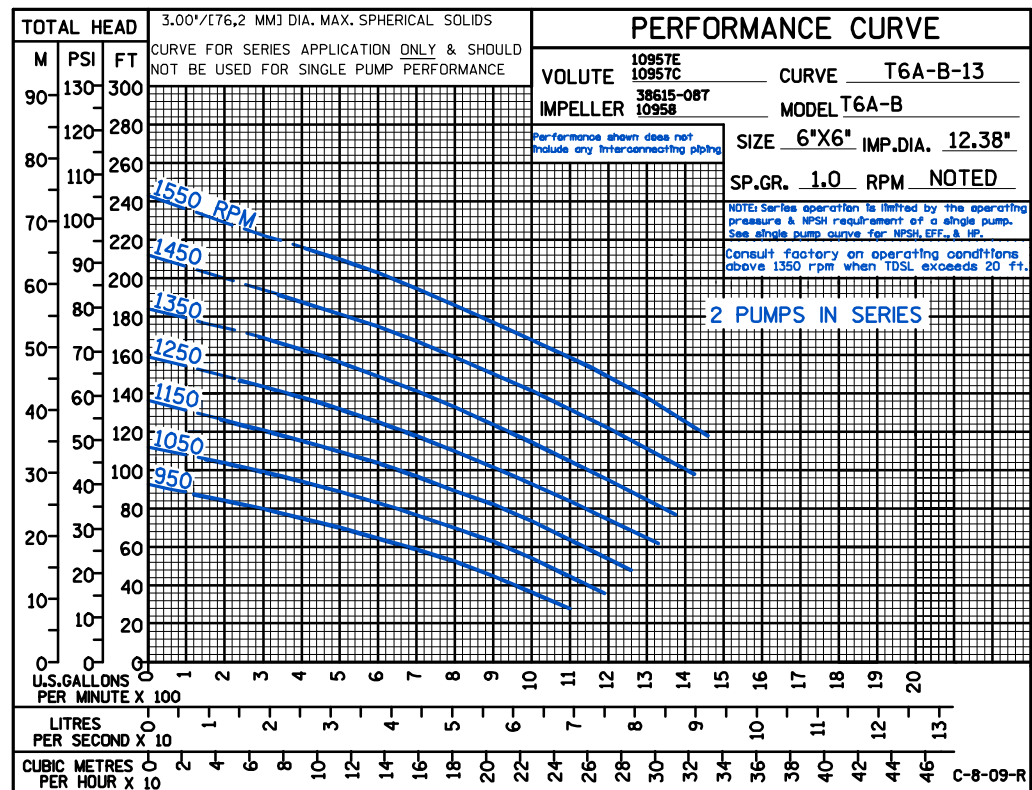
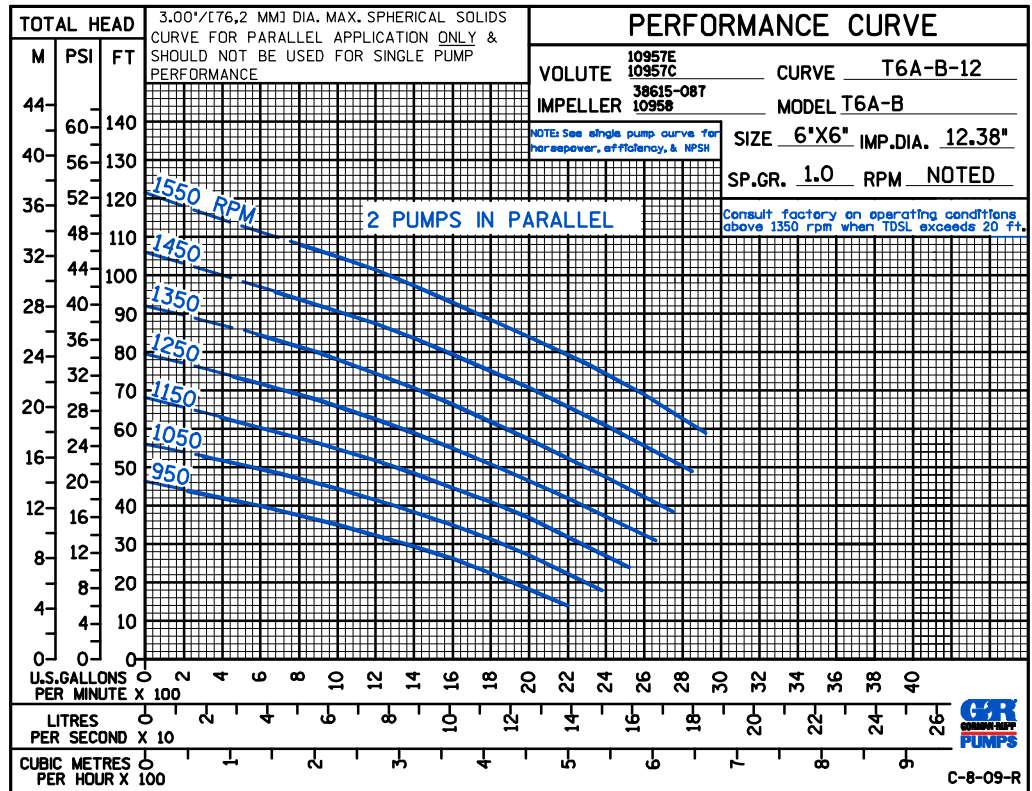
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