

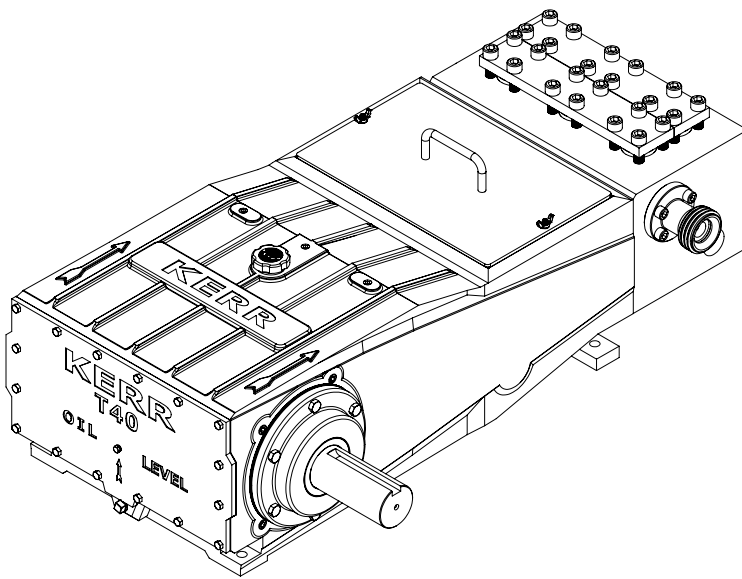
KERR

PUMPS

T40H

166 BHP Triplex Plunger Pump

Intermittent Duty



SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	4.000" / 101.6 mm
Frame Load Rating	11,432 lbs
Fluid Cylinder Pressure Rating	15,000 PSI
Pump Weight (Avg.)	1200 lbs / 545 kilos
Kerr Max Speed	420 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	90%
Lube System (Standard)	Splash- Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	21 quarts / 20.2 liters
Lube Oil Type	Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100)
Connection Sizes	1½" NPT Suction 1" 1502 Half Union Discharge

FLUID END

Forged Carbon Steel (A105)
Forged Stainless Steel (316)
Other materials available on request

PLUNGERS

Colmonoy 730 Hard Coat
Solid Ceramic (2,160 Max. PSI)
Kerramic (Ceramic) Coated
Solid 316 Stainless Steel

VALVES

BALL VALVE / SEAT MATERIAL	
Stanalloy / Stanalloy (440 SS)	
Sheralloy / Seralloy (Cobalt Base)	

* Consult Factory for Authorized Drawings for Dimensions

1) Displacement is based on 100% Volumetric Efficiency (VE)

2) Consult factory for operating speeds above maximum shown

3) 1 US gallon = 3.78541 liters

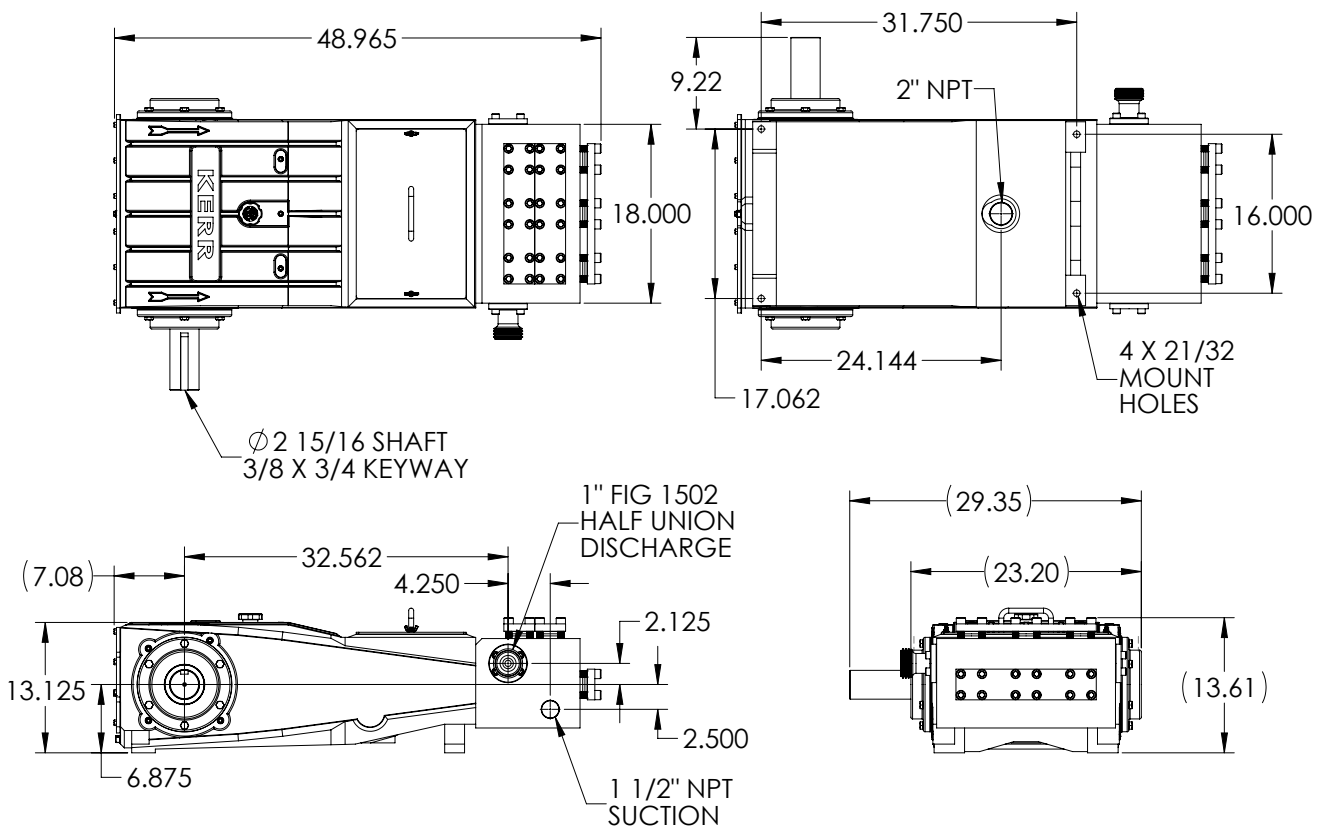
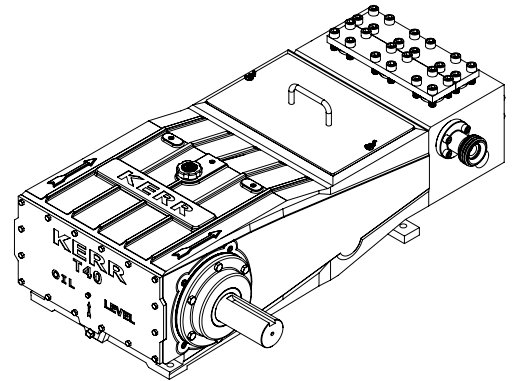
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PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		140 RPM		180 RPM		220 RPM		260 RPM		300 RPM		340 RPM		380 RPM		420 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
0.875	15000	0.0312	3.1	107	4.4	150	5.6	193	6.9	236	8.1	279	9.4	321	10.6	364	11.9	407	13.1	450
1.000	14556	0.0408	4.1	140	5.7	196	7.3	252	9.0	308	10.6	364	12.2	420	13.9	476	15.5	532	17.1	588
1.250	9316	0.0637	6.4	219	8.9	306	11.5	394	14.0	481	16.6	569	19.1	656	21.7	743	24.2	831	26.8	918

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ISO 9001:2008 REGISTERED | API 674 SECOND EDITION