

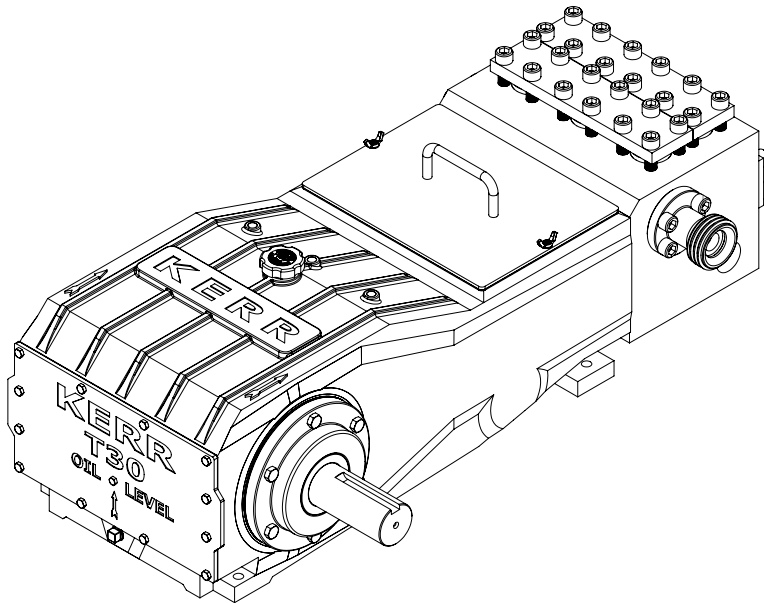
KERR

PUMPS

T30H

107.6 BHP Triplex Plunger Pump

Intermittent Duty



SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	3.000" / 76.2 mm
Frame Load Rating	9,065 lbs
Fluid Cylinder Pressure Rating	15,000 PSI
Pump Weight (Avg.)	1000 lbs / 455 kilos
Kerr Max Speed	470 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	90%
Lube System (Standard)	Splash- Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	16 quarts / 15.4 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

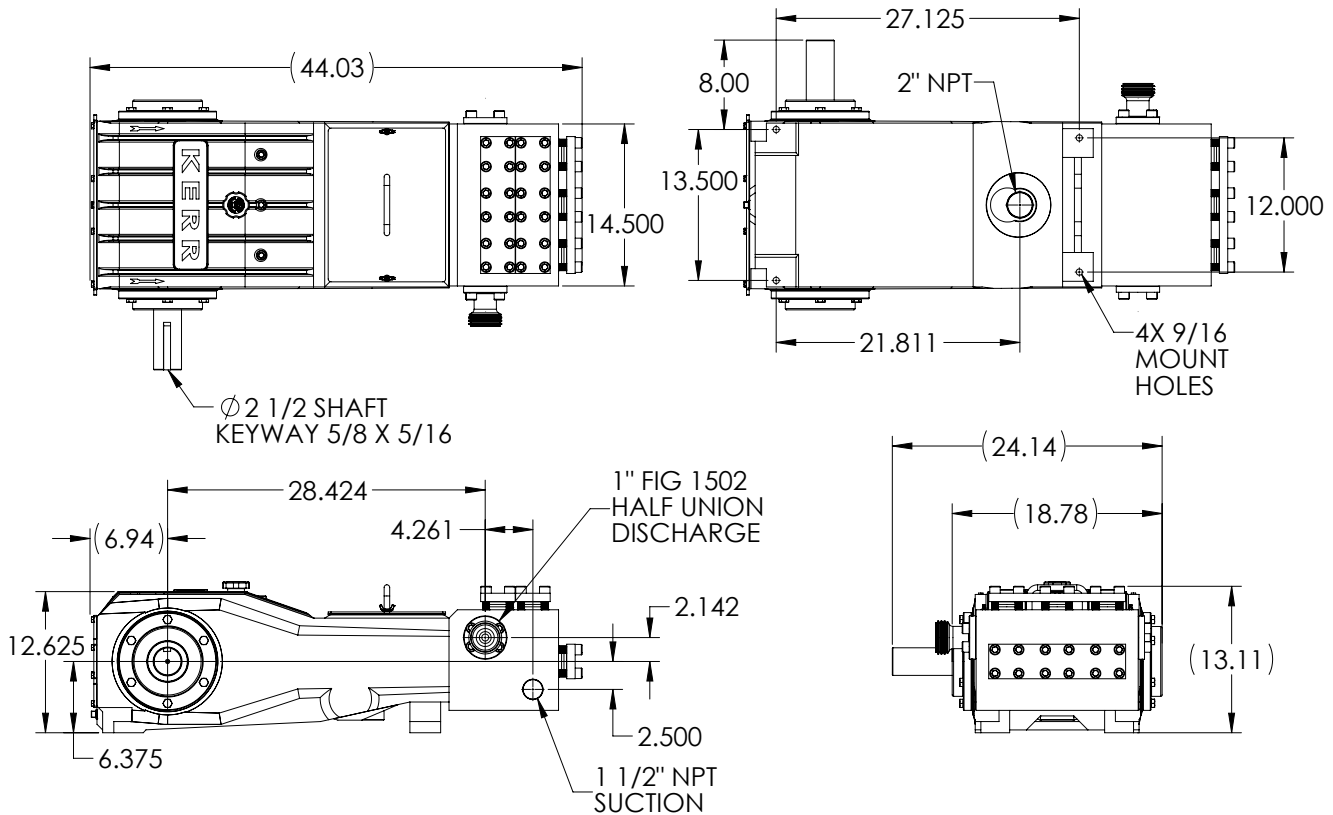
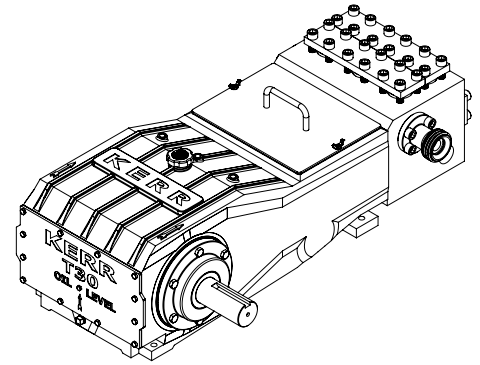
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PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		155 RPM		200 RPM		245 RPM		290 RPM		335 RPM		380 RPM		425 RPM		470 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
0.875	15000	0.0234	2.3	80	3.6	125	4.7	161	5.7	197	6.8	233	7.8	269	8.9	305	10.0	342	11.0	378
1.000	11542	0.0306	3.1	105	4.7	163	6.1	210	7.5	257	8.9	304	10.3	352	11.6	399	13.0	446	14.4	493
1.250	7387	0.0478	4.8	164	7.4	254	9.6	328	11.7	402	13.9	476	16.0	549	18.2	623	20.3	697	22.5	771
1.500	5130	0.0688	6.9	236	10.7	366	13.8	472	16.9	579	20.0	685	23.1	791	26.2	897	29.3	1004	32.4	1110

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ISO 9001:2008 REGISTERED | API 674 SECOND EDITION