

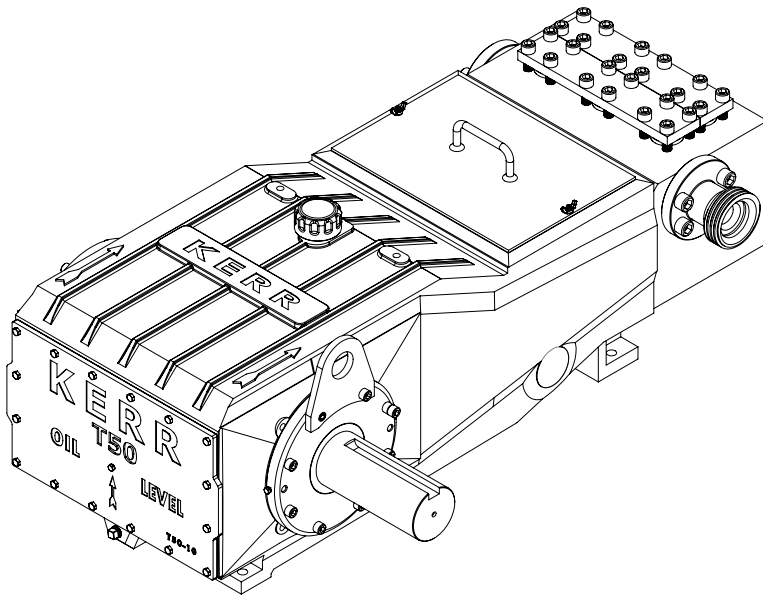
KERR

PUMPS

T50H

202 BHP Triplex Plunger Pump

Intermittent Duty



SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	5.000" / 127 mm
Frame Load Rating	12,454 lbs
Fluid Cylinder Pressure Rating	15,000 PSI
Pump Weight (Avg.)	2050 lbs / 932 kilos
Kerr Max Speed	385 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	90%
Lube System (Standard)	Splash- Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	44 quarts / 41.6 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 / Sheralloy (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

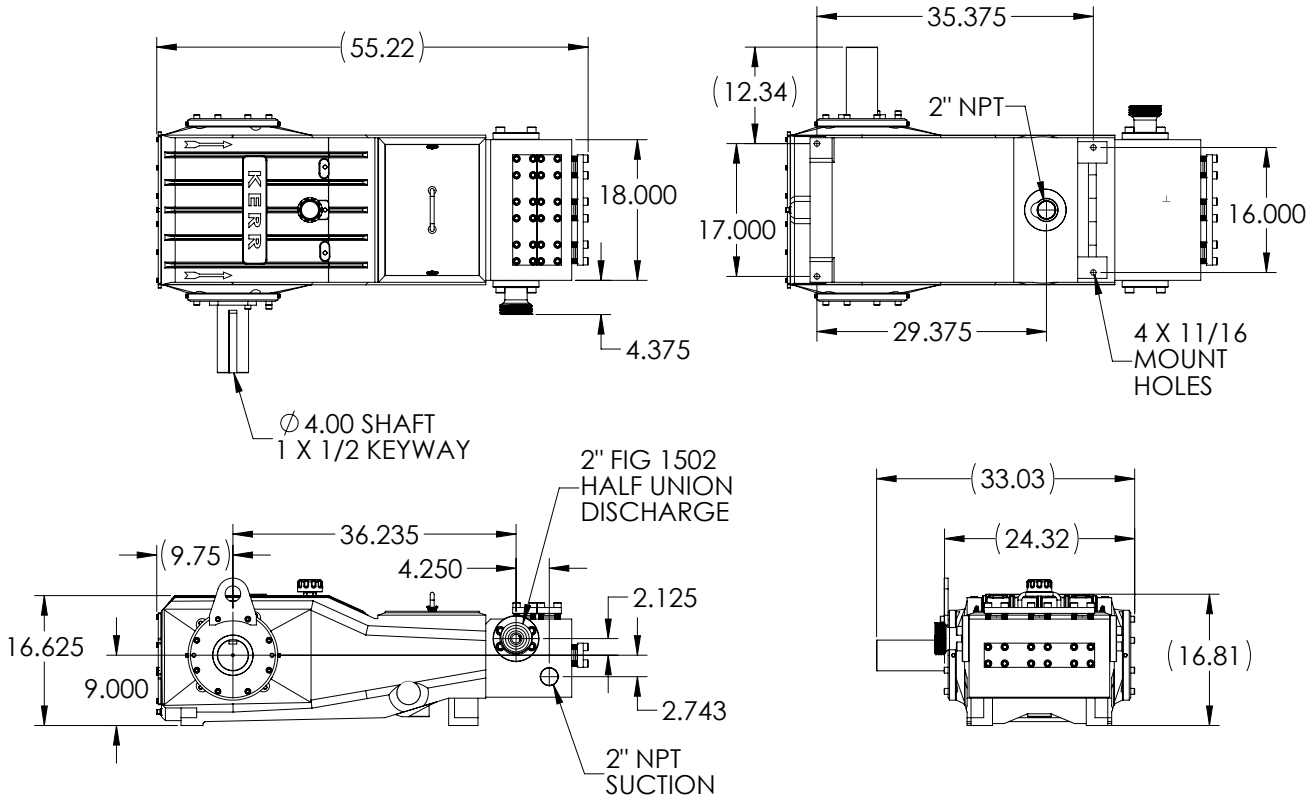
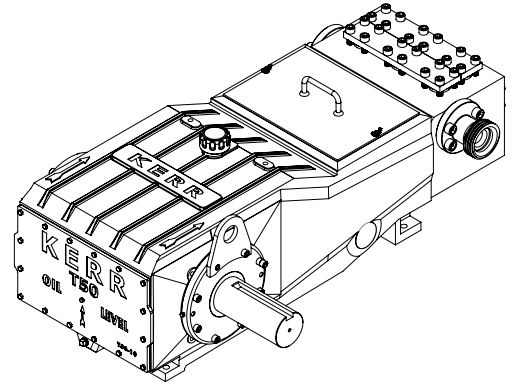
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PLGR DIA. INCHES	MAX PRESS. PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		140 RPM		175 RPM		210 RPM		245 RPM		280 RPM		315 RPM		350 RPM		385 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
0.875	15000	0.0390	3.9	134	5.5	188	6.8	234	8.2	281	9.6	328	10.9	375	12.3	422	13.7	469	15.0	516
1.000	15000	0.0510	5.1	175	7.1	245	8.9	306	10.7	367	12.5	429	14.3	490	16.1	551	17.8	612	19.6	673
1.250	10148	0.0797	8.0	273	11.2	383	13.9	478	16.7	574	19.5	670	22.3	765	25.1	861	27.9	957	30.7	1052

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