

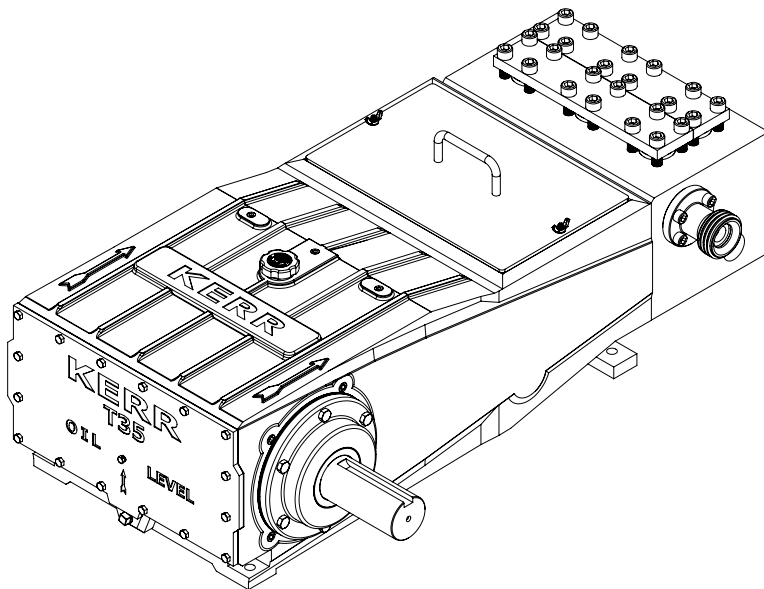
KERR

PUMPS

T35H

145 BHP Triplex Plunger Pump

Intermittent Duty



SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	3.500" / 89 mm
Frame Load Rating	11,432 lbs
Fluid Cylinder Pressure Rating	15,000 PSI
Pump Weight (Avg.)	1200 lbs / 545 kilos
Kerr Max Speed	430 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

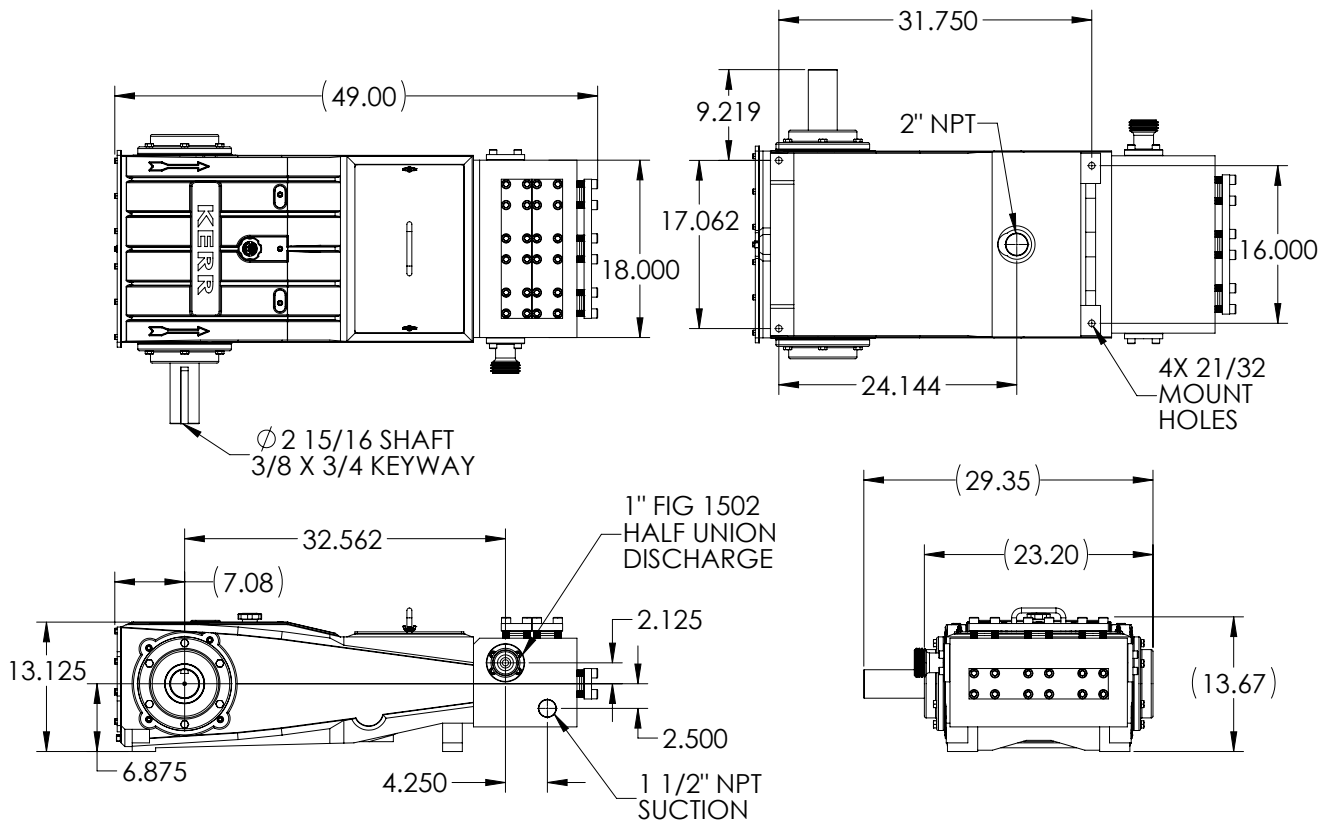
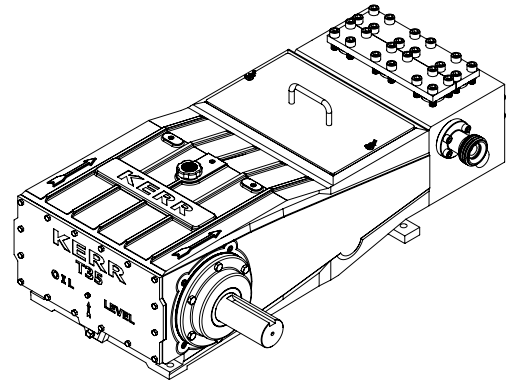
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PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		190 RPM		230 RPM		270 RPM		310 RPM		350 RPM		390 RPM		430 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
0.875	15000	0.0273	2.7	94	4.1	141	5.2	178	6.3	216	7.4	253	8.5	291	9.6	328	10.7	366	11.8	403
1.000	14556	0.0357	3.6	122	5.4	184	6.8	233	8.2	282	9.6	331	11.1	380	12.5	429	13.9	478	15.4	527
1.250	9316	0.0558	5.6	191	8.4	287	10.6	364	12.8	440	15.1	517	17.3	593	19.5	670	21.8	746	24.0	823

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