

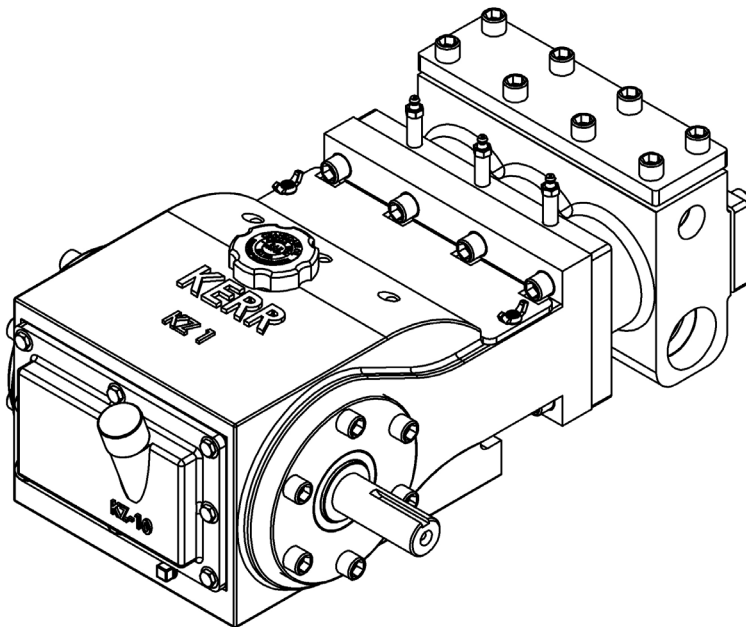
KERR

PUMPS

KZ-3150

16.7 BHP Triplex Plunger Pump

Intermittent Duty



KZ-3150 RH

SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	1.5" / 38.1 mm
Frame Load Rating	2,303 lbs
Fluid Cylinder Pressure Rating	5,000 PSI
Pump Weight (Avg.)	175 lbs / 80 kilos
Kerr Max Speed	575 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	90%
Lube System (Standard)	Splash - Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	2 quarts / 1.9 liters
Lube Oil Type	SAE 30W Non-Detergant Motor Oil
Connection Sizes	1 1/2" NPT Suction 3/4" NPT Discharge

FLUID END

Cast Ductile Iron (65-45-12)
Cast Carbon Steel (WCB)
Cast Nickel Aluminium Bronze (955)
Cast Stainless Steel CF8M (316)
Cast Duplex SS CD3MN (2205)
Forged Carbon Steel (A105)
Forged Stainless Steel (316)

VALVES

RADIUS VALVE / SEAT MATERIAL	
Delrin / SS (316)	
SS (316) / SS (316)	

PLUNGERS

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

* 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

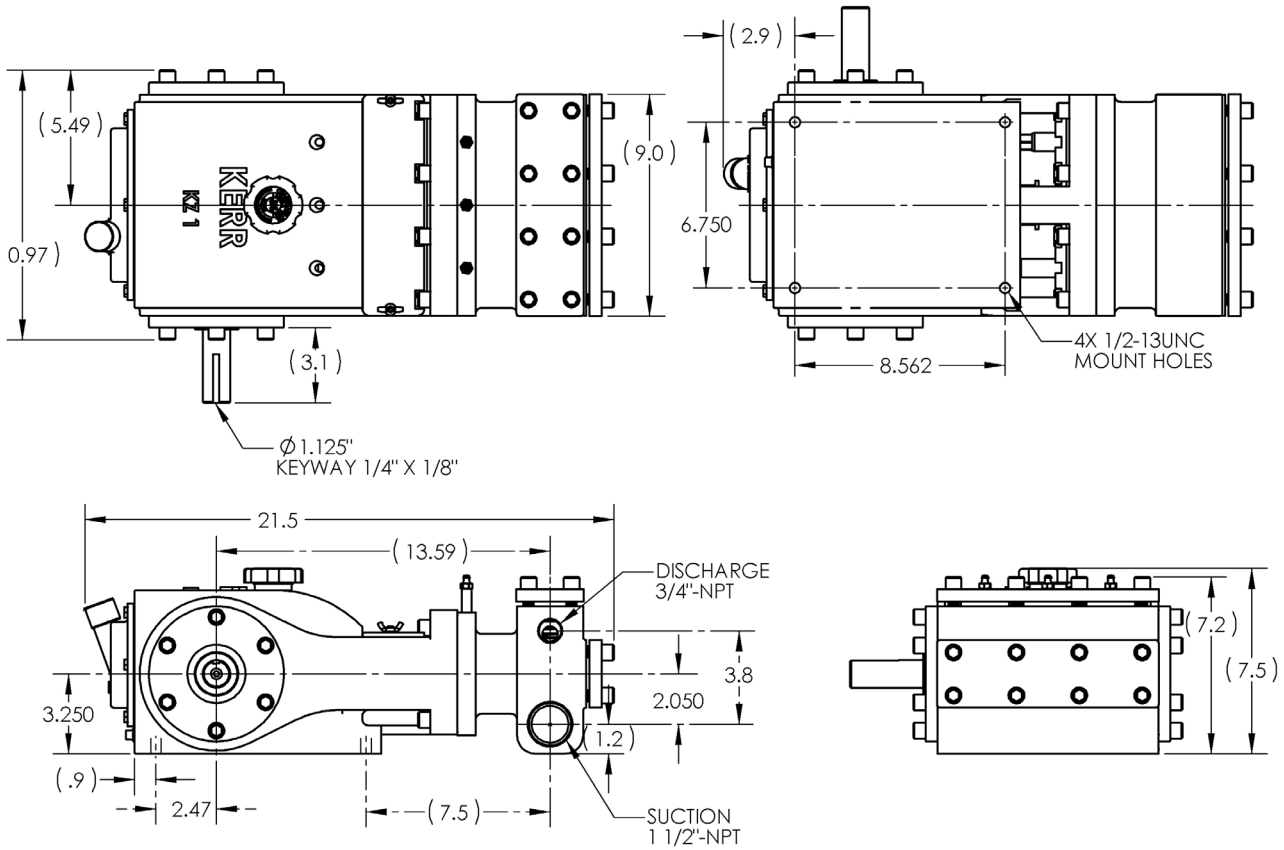
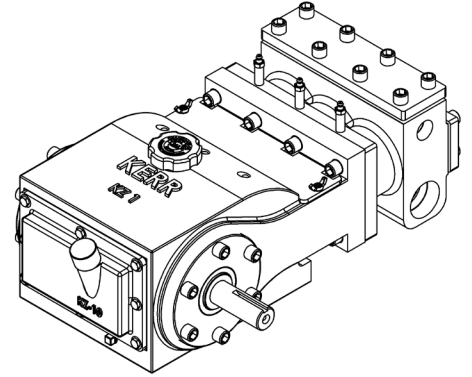
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PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		200 RPM		250 RPM		325 RPM		375 RPM		425 RPM		475 RPM		525 RPM		575 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
0.750	4950	0.0086	0.9	30	1.7	59	2.2	74	2.8	96	3.2	111	3.7	125	4.1	140	4.5	155	4.9	170
0.875	3829	0.0117	1.2	40	2.3	80	2.9	100	3.8	131	4.4	151	5.0	171	5.6	191	6.1	211	6.7	231
1.000	2932	0.0153	1.5	52	3.1	105	3.8	131	5.0	171	5.7	197	6.5	223	7.3	249	8.0	276	8.8	302
1.250	1876	0.0239	2.4	82	4.8	164	6.0	205	7.8	266	9.0	307	10.2	348	11.4	389	12.6	430	13.7	471
1.500	1303	0.0344	3.4	118	6.9	236	8.6	295	11.2	384	12.9	443	14.6	502	16.4	561	18.1	620	19.8	679

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