

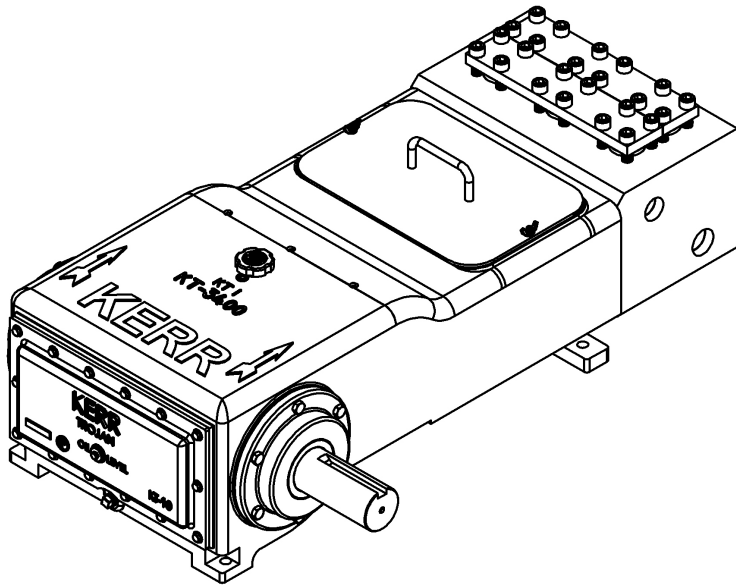
KERR

PUMPS

KT-3400BCB

106 BHP Triplex Plunger Pump

Intermittent Duty



KT-3400BCB - RH

SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	4" / 101.6 mm
Frame Load Rating	7,569 lbs
Fluid Cylinder Pressure Rating	15,000 PSI
Pump Weight (Avg.)	1,200 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	16 quarts / 15.4 liters
Lube Oil Type	Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100)
Connection Sizes	1 1/2" NPT Suction 1 1/4" NPT 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

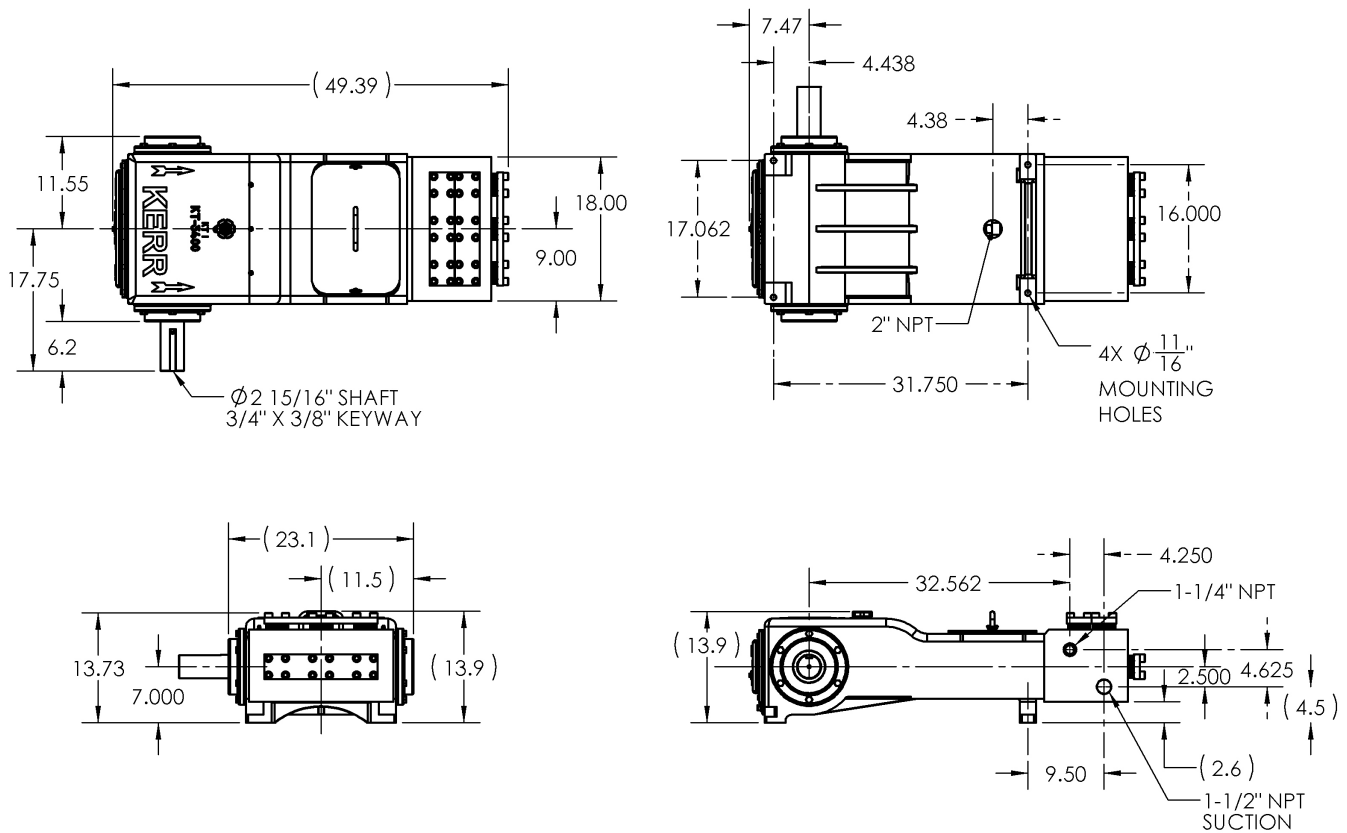
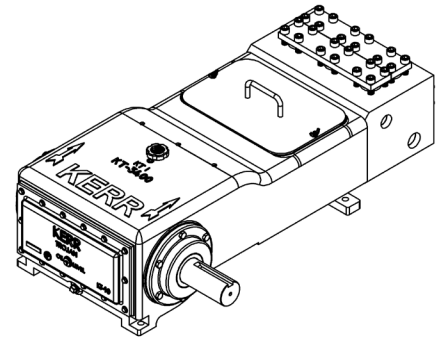
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PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		140 RPM		180 RPM		220 RPM		260 RPM		300 RPM		340 RPM		380 RPM		420 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
0.875	12587	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	9637	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	6168	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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