

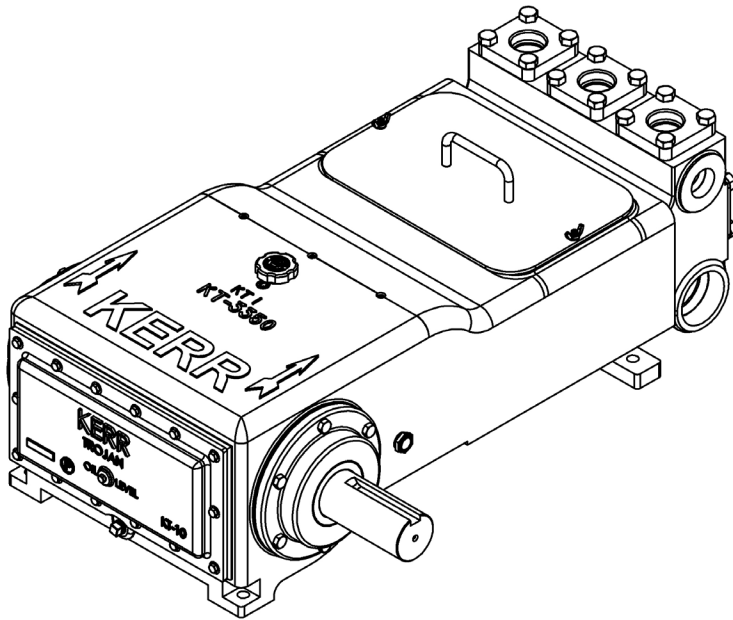
KERR

PUMPS

KT-3400XP

106 BHP Triplex Plunger Pump

Intermittent Duty



KT-3400XP RH

SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	4" / 101.6 mm
Frame Load Rating	7,7569 lbs
Fluid Cylinder Pressure Rating	3,600 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	3" NPT Suction 1 1/2" 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

DISC TYPE / SEAT (MAX. 2,160 PSI)	WING GUIDED
Delrin Disc / SS (316)	Ni-Al-Brz (955) / Metal-to-Metal
Delrin / Ni-Al-Brz (955)	Monel / Metal-to-Metal
Delrin / Duplex SS (CD4MCU)	SS (316) / Metal-to-Metal
SS (316) / SS (316)	17-4 HT Metal-to-Metal
Titanium / SS (316)	SS (316) / AR Urethane Inserted
PEEK / SS (316)	17-4 HT / AR Urethane Inserted

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

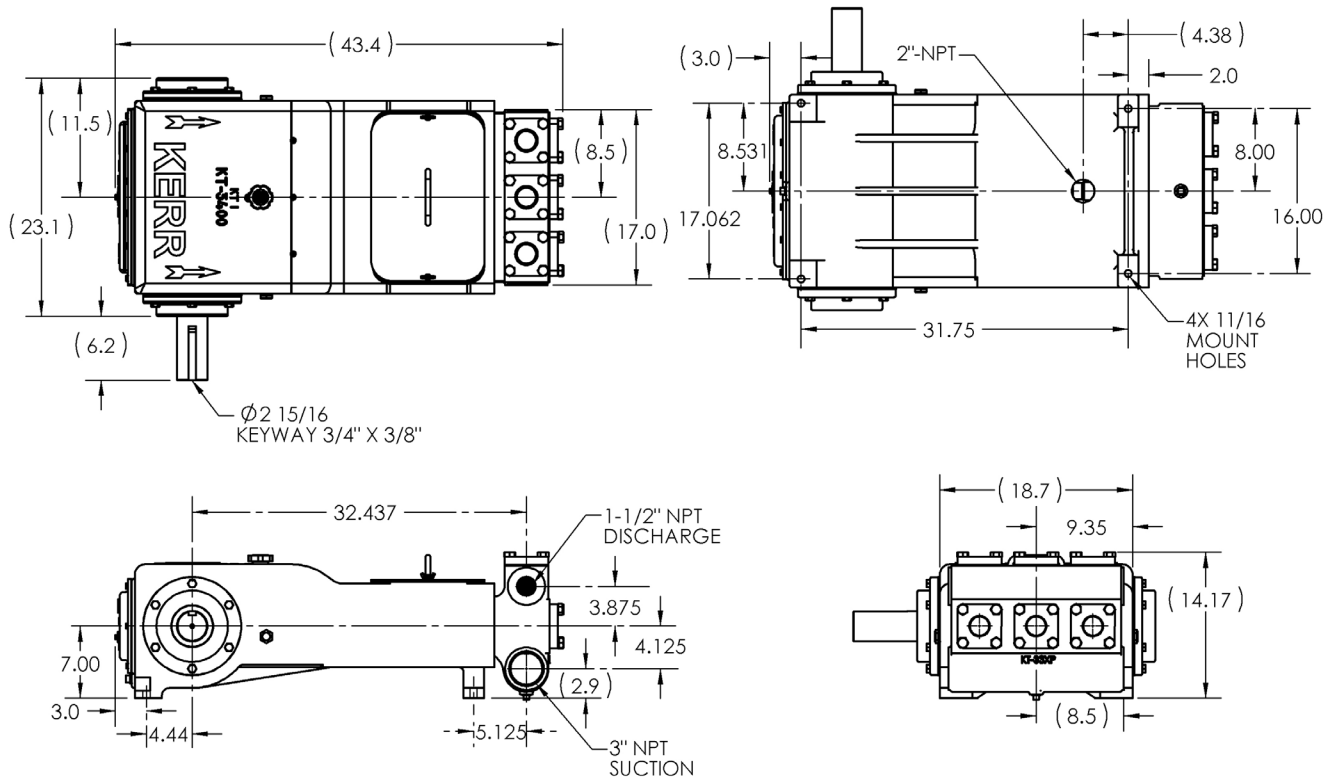
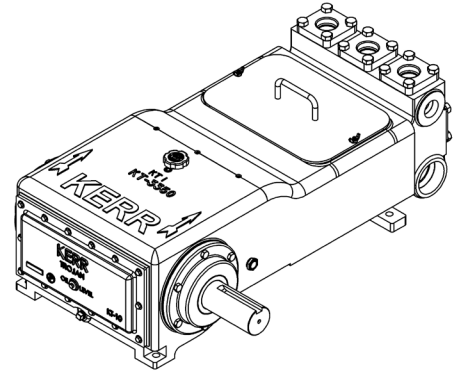
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PLGR DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		140 RPM		180 RPM		220 RPM		260 RPM		300 RPM		340 RPM		380 RPM		420 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
1.500	3600	0.0918	9.2	315	12.9	441	16.5	567	20.2	693	23.9	819	27.5	945	31.2	1071	34.9	1197	38.6	1322
1.750	3147	0.1249	12.5	429	17.5	600	22.5	771	27.5	943	32.5	1114	37.5	1286	42.5	1457	47.5	1629	52.5	1800
2.000	2409	0.1632	16.3	560	22.8	784	29.4	1008	35.9	1232	42.4	1455	49.0	1679	55.5	1903	62.0	2127	68.5	2351
2.250	1904	0.2065	20.7	708	28.9	992	37.2	1275	45.4	1559	53.7	1842	62.0	2125	70.2	2409	N/A		N/A	

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WWW.KERRPUMPS.COM | 800-441-8149
ISO 9001:2008 REGISTERED | API 674 SECOND EDITION