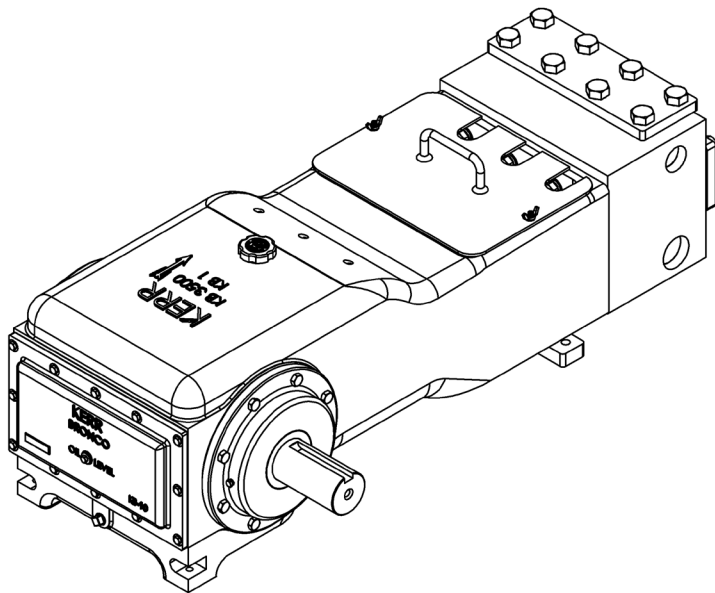




KB-3500HP

73.1 BHP Triplex Plunger Pump

Intermittent Duty



KB-3500HP RH

SPECIFICATIONS

Configuration	Horizontal Triplex Plunger
Number of Plungers	3
Stroke Length	5" / 127 mm
Frame Load Rating	4,513 lbs
Fluid Cylinder Pressure Rating	6,000 PSI
Pump Weight (Avg.)	1500 lbs / 682 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	20 quarts / 18.93 liters
Lube Oil Type	Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100)
Connection Sizes	2" NPT Suction 1 1/2" NPT Discharge

FLUID END

Forged Carbon Steel (A105)
Forged Stainless Steel (316)
Other materials available on request

VALVES

WING GUIDED	
Ni-Al-Brz (955) / Metal-to-Metal	
Monel / Metal-to-Metal	
SS (316) / Metal-to-Metal	
17-4 HT Metal-to-Metal	
SS (316) / AR Urethane Inserted	
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

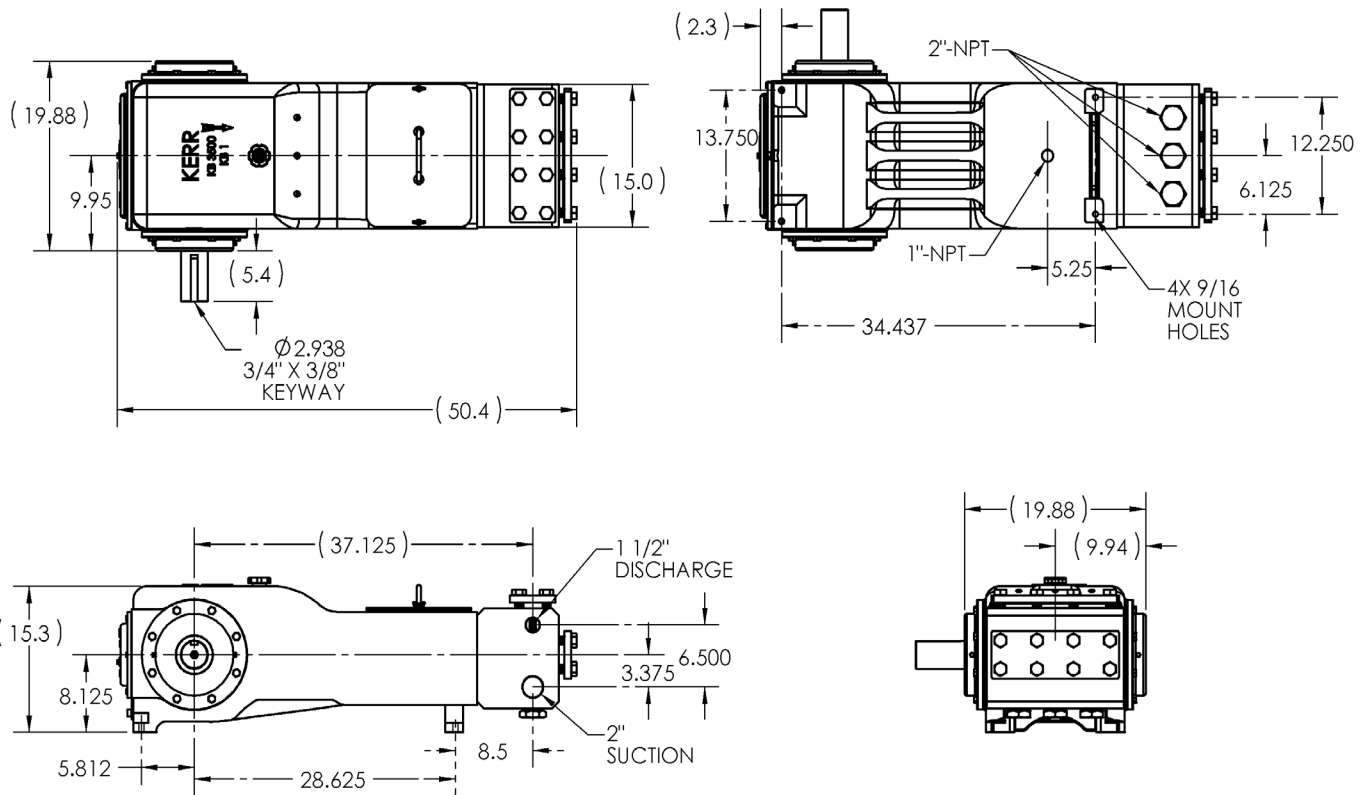
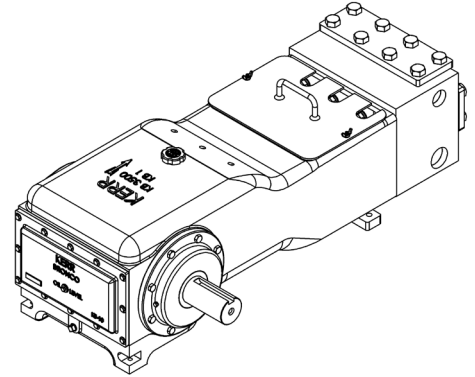
KERR

PUMPS

KB-3500HP

73.1 BHP Triplex Plunger Pump

Intermittent Duty



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
1.000	5745	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	3677	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
1.500	2554	0.1147	11.5	394	16.1	551	20.1	689	24.1	827	28.1	964	32.1	1102	36.1	1240	40.2	1378	44.2	1515

* 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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ISO 9001:2008 REGISTERED | API 674 SECOND EDITION