

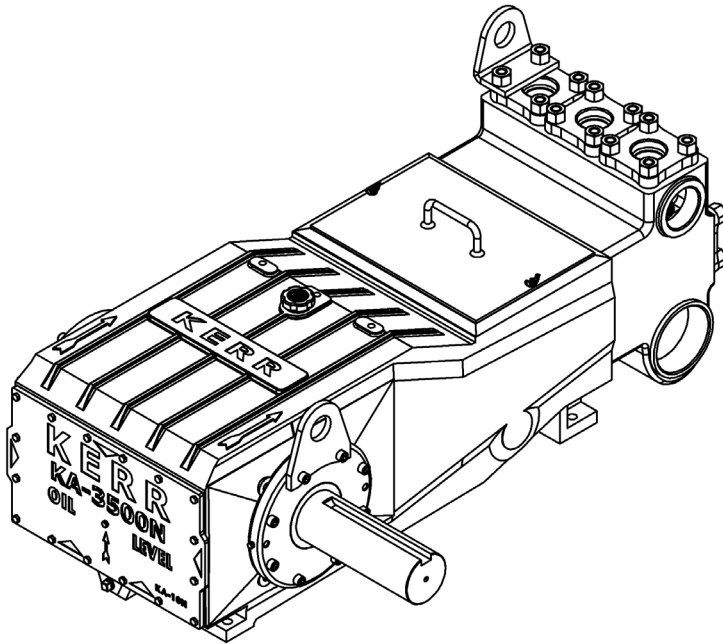
KERR

PUMPS

T50PT

202 BHP Triplex Piston Pump

Intermittent Duty



KA-3500NPT RH

SPECIFICATIONS

Configuration	Horizontal Triplex Piston
Number of Pistons	3
Stroke Length	5" / 127 mm
Frame Load Rating	12,454 lbs
Fluid Cylinder Pressure Rating	2,160 PSI
Pump Weight (Avg.)	2,050 lbs / 932 kilos
Kerr Max Speed	385 RPM
API-674 Max Speed	310 RPM
Minimum Speed	100 RPM
Mechanical Efficiency (Bare Shaft)	90%
Lube System (Standard)	Splash - Gravity Feed
Lube System (Optional)	Force Feed
Lube Oil Capacity	30 quarts / 28.4 liters
Lube Oil Type	Petroleum per AGMA SEP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100)
Connection Sizes	5" NPT Suction 3" NPT Discharge

FLUID END

Cast Ductile Iron
Other materials available on request

VALVES

RADIUS VALVE / SEAT	
17-4 HT / AR Urethane	

PISTONS / LINERS

Rubber / Ceramic Sleeved
Rubber / Chrome Plated-Sleeved
Rubber / Kerramic (Ceramic) Coat

* Consult Factory for Authorized Drawings for Dimensions ~ Threaded or Flanged Connections Available

* Flanges Available Only With Steel or Stainless Steel Fluid Ends

1) Displacement is based on 100% Volumetric Efficiency (VE)

2) BHP / KW is based on 90% Mechanical Efficiency (ME)

3) Consult factory for operating speeds above maximum shown

4) 1 US gallon = 3.78541 liters

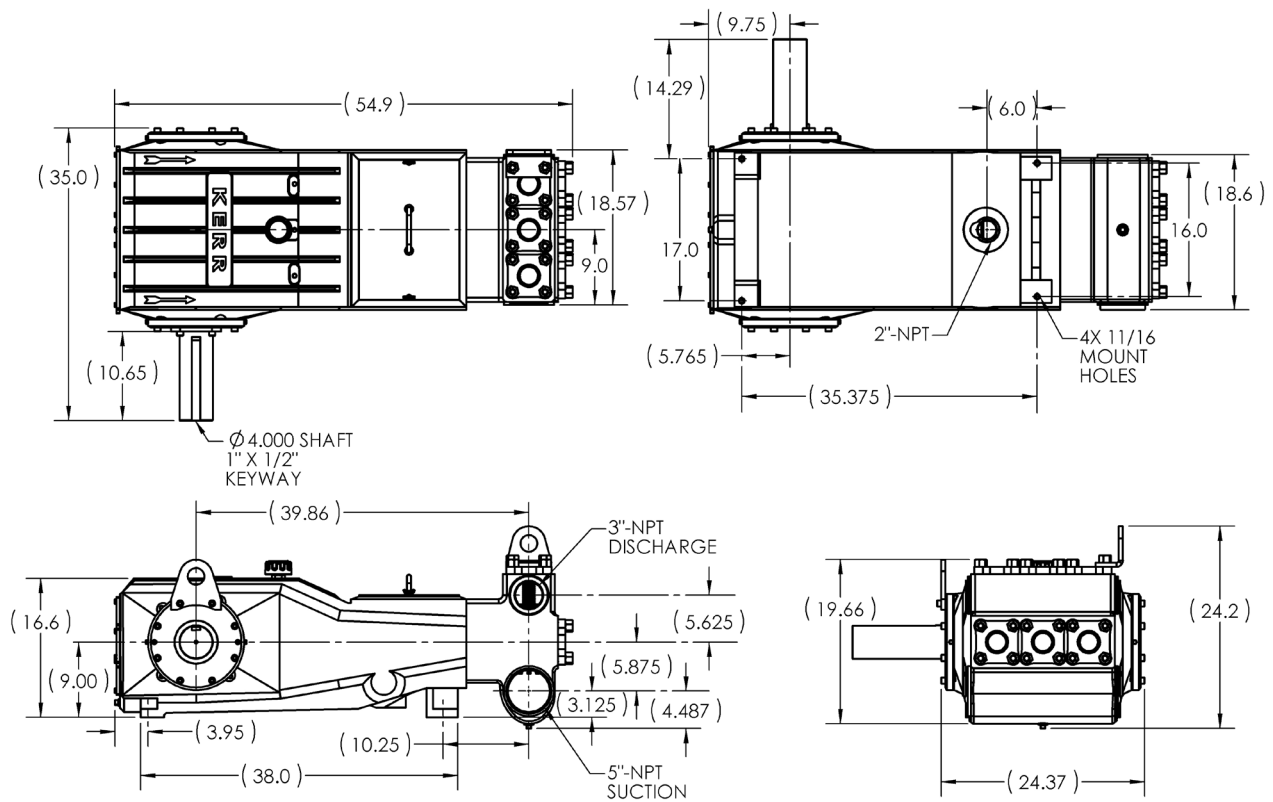
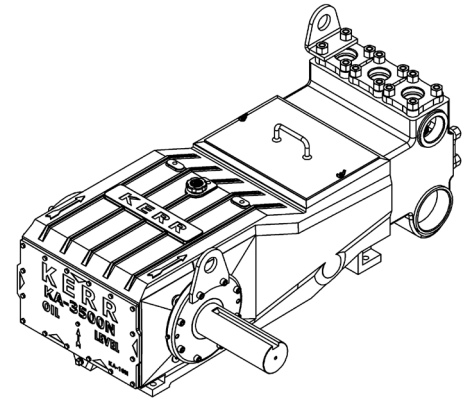
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PIST DIA. INCHES	MAX PRESS PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		140 RPM		175 RPM		210 RPM		245 RPM		280 RPM		315 RPM		350 RPM		385 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.000	1762	0.4590	45.9	1574	64.3	2204	80.3	2755	96.4	3306	112	3857	129	4408	145	4959	161	5510	177	6061
3.500	1294	0.6247	62.5	2143	87.5	3000	109	3750	131	4500	153	5250	175	6000	197	6750	219	7500	241	8250
4.000	991	0.8160	81.6	2799	114	3918	143	4898	171	5878	200	6857	228	7837	257	8816	286	9796	314	10776

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