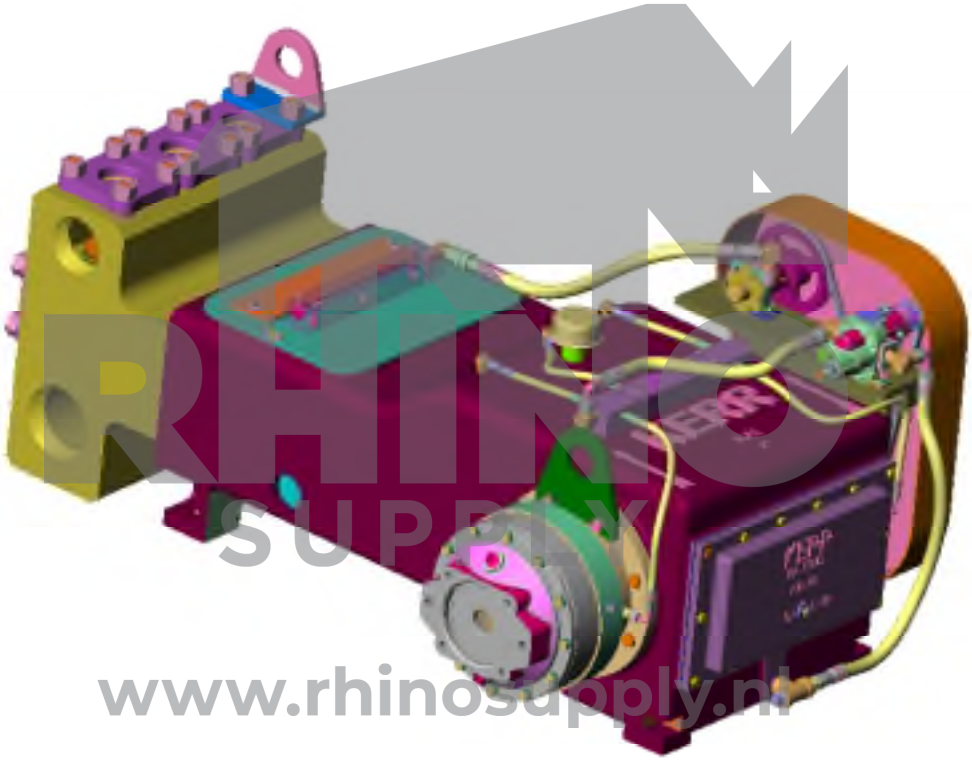
Kerr Pump Corporation

Piston Pump Product Catalog



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Kerr Pumps

56 Years of Service

A 56-year tradition of providing the entire industry "more pump for the money".

Kerr Pumps has been serving our industrial distributors and original equipment manufactures (OEMs) for more than 56 years.

Kerr Pumps has installed over 30,000 pumps worldwide with a third of these pumps located internationally. Kerr Pumps uses state-of-the-art Computer Numerical Controlled (CNC) Technology for the production of the Kerr Pump product line. This leading edge technology utilizes equipment manufactured by Mori Seiki, Kuraki, Saeilo, Clausing and Okuma.

Kerr Plunger and Piston Pumps

- More than 100 Standard Models
- 5 – 500 Horsepower
- Up to 800 Gallons Per Minute (GPM)
- Up to 27,000 Barrels Per Day (BPD)
- Up to and Over 15,000 psi
- Ductile Iron, Aluminum Bronze, Carbon Steel, Forged Stainless Steel and Many other Specialty Metal Fluid Ends

Kerr Pump Applications

Horizontal Directional Drilling (HDD)
Bentonite Pumps
Salt Water Disposal
Water Flooding
Oil Pipeline Transfer
Sand Fracing
Acid, Alkali, Solvents
Cement Slurry
Hydraulic Power Oil
Airport Areas
Beverage Industry
Blow Out Preventer (BOP) Pumps
Engineering Industry
Glass & Ceramic Industry
Mining Applications
Municipal Services
Public Transport
Fire Control Service
Nuclear Plants
Well Kill Trucks
Hydraulic Casing Pulling
Hot Oil Service
Reverse Osmosis
Self Serve Car Wash Systems
Touchless Car Wash Systems
Automatic Car Wash Systems
Hydrostatic Testing
Hydraulic Presses, Shears
Descaling Steel
Extrusion Operations
Agriculture
Building and Concrete Industry
Chemical Industry
Food Industry
Iron, Steel and Metal Industry
Military Service
Ship Building
Wood Industry
Polymer Injection
Research Laboratories
Sewer Cleaning
High Pressure Water Jetting
Septic Tank Pumping
Portable Sanitation

Kerr Pumps

Calculations

Plunger Displacement= (d^2) x (S) x (Np) x (.0034)

Plunger Rod Load= (Ap) x (psi)

Fluid Velocity = (gpm) x (.321) / Area of Pipe

Flow Area of Pipe (FA) = (d^2) x (.7854)

Horsepower Calculations = gpm x psi / (1714 x 90% Mechanical Efficiency)

Barrels Per Day (bpd) = (gpm x 34.3)

Barrels Per Day= (Gallons per Revolution x rpm x 34.3)

Gallons Per Revolution (gpr) = (Area of Plunger x Stroke Length x Number of Plungers) / 231

Gallons Per Minute (gpm) = (bpd / 34.3)

Gallons Per Minute = (Gallons Per Revolution x rpm)

Definition of Terms	Plunger Size	Plunger Diameter (d) in Inches	Area of Plunger (Ap) in Square inches
d = Diameter in inches	5/8”	.625	.307
S = Stroke in Inches	3/4”	.750	.442
Np = Number of Plungers	7/8”	.875	.601
Ap = Area of Plungers in Square Inches	1”	1.000	.785
gpm = Gallons per Minute	1 ¼”	1.250	1.227
FA = Flow Area	1 ½”	1.500	1.767
FV = Fluid Velocity	1 ¾”	1.750	2.405
psi = Pounds Per Square Inch	2”	2.000	3.142
gpr = Gallons Per Revolution	2 ¼”	2.250	3.976
bpd = Barrels Per Day	2 ½”	2.500	4.909
bhp = Brake Horsepower	2 ¾”	2.750	5.940
	3”	3.000	7.069
	3 ¼”	3.250	8.296
	3 ½”	3.500	9.621
	3 ¾”	3.750	11.045
	4”	4.000	12.566
	4 ½”	4.500	15.904
	5”	5.000	19.635
	5 ½”	5.500	23.758

Kerr Pumps

Available Options

A 56-year tradition of providing the entire industry "more pump for the money".

Kerr Pumps offers a variety of available options to enhance the versatility of our pumps and to help tailor a pump to your specific application needs. Listed below are some of the available options. If you do not see an option listed that fits your special needs, please contact our factory and we will be pleased to work with you in configuring a pump for your application.

Options

- Pumps Built & Documented in Compliance with API Specifications
- Low Speed Lubrication
- Force Feed Lubrication for Power Frame and Fluid End
- Left or Right Hand Drive Crankshaft
- Direct Drive or Belt Drive Crankshaft
- Flanges for all of Your Application Needs
- Belts, Guards, Motors and Gear Reducers
- Skid Fabrication and Packaging
- Abrasive Resistant Valves with Replaceable Inserts

Services

- Pump Overhauls
- Crankshaft Grinding
- Reface / Resurface Valves and Seats
- Rebuild Fluid Ends
- Rebuild Power Frames
- Custom Orders for Special Applications
- Custom Fabrication

Kerr Pumps

Piston Pump Matrix

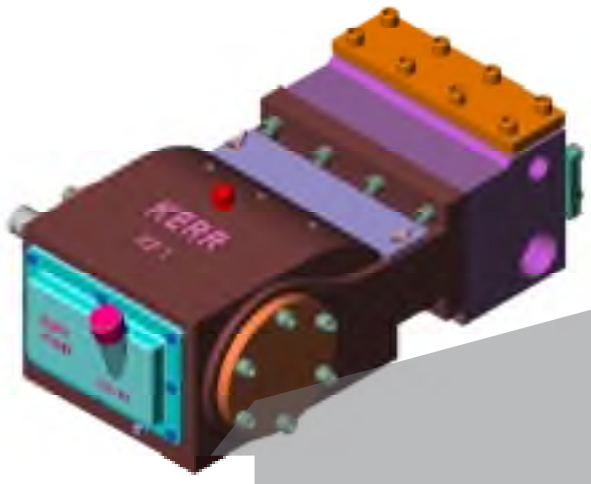
	(PSI) Used to Calculate Horsepower	Rated Gallons Per Minute (GPM)	Barrels Per Day (BPD)	Brake Horse Power (BHP)	Standard Fluid End Material (Contact Factory for Other Fluid End Materials)				
	(Consult Factory for intermittent vs. Continuous Duty and Service Outside of the Standard Specifications).				Ductile Iron	Aluminum Bronze	Carbon Steel	Forged Steel	Forged Stainless Steel
KZ-3150PT-1500	1,000	3-16.5	118-561	2-11	▬	▬	▬	▬	▬
KZ-3150PT-1750	1,000	4-22.5	161-763	3-14	▬	▬	▬	▬	▬
KZ-3150PT-1875	1,000	5-25.5	184-876	3-17	▬	▬	▬	▬	▬
KM-3250PT-1500	1,000	5-25	197-836	4-16	▬	▬	▬	▬	▬
KM-3250PT-1750	1,000	7-33	268-1138	5-22	▬	▬	▬	▬	▬
KM-3250PT-2000	1,000	10-43	350-1487	7-28	▬	▬	▬	▬	▬
KM-3250PT-2250	1,000	12-55	443-1882	8-36	▬	▬	▬	▬	▬
KM-3300PT-2000	1,000	12-50	420-1680	8-32	▬	▬	▬	▬	▬
KM-3300PT-2250	1,000	15-62	531-2125	10-40	▬	▬	▬	▬	▬
KP-3300PT-2500	1,000	19-77	656-2624	12-50	▬	▬		▬	▬
KP-3300PT-2750	1,000	23-93	794-3175	15-60	▬	▬		▬	▬
KP-3300PT-3000	1,000	27-110	945-3779	18-71	▬	▬		▬	▬
KT-3350PT-3500	1,000	43-165	1500-5625	28-106	▬	▬		▬	▬
KT-3350PT-4000	1,000	57-215	1959-7347	37-139	▬	▬		▬	▬
KT-3400PT-4000	1,000	65-230	2239-7837	42-148	▬	▬		▬	▬
KA-5500PT-3500	1,000	62-235	2143-8036	40-152	▬	▬		▬	▬
KA-5500PT-4000	1,000	82-305	2799-10496	53-198	▬	▬		▬	▬
KQ-5500PT-3000	1,000	77-240	2624-8135	50-154	▬	▬		▬	▬
KQ-5500PT-3500	1,000	104-325	3571-11071	67-209	▬	▬		▬	▬
KQ-5500PT-4000	1,000	136-425	4665-14460	88-273	▬	▬		▬	▬
KQ-5500PT-4500	1,000	172-535	5904-18302	112-346	▬	▬		▬	▬
KQ-5500PT-5000	1,000	213-660	7289-22595	138-427	▬	▬		▬	▬
KQ-5500PT-5500	1,000	257-800	8819-27340	167-517	▬	▬		▬	▬

Kerr Pumps

Piston Pump Applications

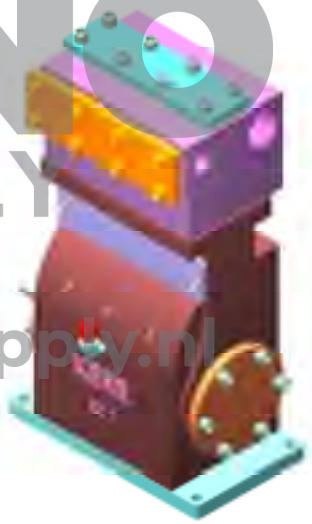
Kerr Pump Model	Engineered to adapt to the Following Drills: Vermeer, Ditch Witch, American Augers, Straightline, CMS, Case, Barbco, McLaughlin			Available Options			Performance Specifications
	Vermeer Directional Drill Pump Suggestions	Ditch Witch Pump Suggestions	American Augers Pump Suggestions	Hyd Drive Adapter	Liner Cooling System	Pressurized Oiling System	Maximum Rated Gallons Per Minute
KZ-3150PT-1500	D7X11	JT920	DD1	Optional	Optional	N/A	16
KZ-3150PT-1750	D10X15	JT920	DD1	Optional	Optional	N/A	22
KZ-3150PT 1875	D16X20	JT920L	DD1	Optional	Optional	N/A	26
KM-3250PT-1500	D24X26	JT1720	DD15	Optional	Optional	N/A	24
KM-3250PT-1750	D24X26	JT1720	DD15	Optional	Optional	N/A	33
KM-3250PT-2000	D24X26	JT1720	DD15	Optional	Optional	N/A	43
KM-3250PT-2250	D24X40	JT2511	DD15	Optional	Optional	N/A	55
KM-3300PT-2000	D24X40	JT2720	DD25	Optional	Optional	N/A	49
KM-3300PT-2250	D24X40 D40X40	JT2720	DD25	Optional	Optional	N/A	62
KP-3300PT-2500	D40X40	JT4020	DD50	Optional	Optional	Optional	77
KP-3300PT-2750	D40X40	JT4020	DD50	Optional	Optional	Optional	93
KP-3300PT-3000	D40X40	JT4020	DD50	Optional	Optional	Optional	110
KT-3350PT-3000	D50X100	JT7020	DD5-DD60R1&2	Optional	Standard	Standard	121
KT-3350PT-3500	D50X100	JT7020	DD5-DD60R1&2	Optional	Standard	Standard	175
KT-3350PT-4000	D50X100	JT7020	DD5-DD60R1&2	Optional	Standard	Standard	214
KT-3400PT-4000	D50X100 D80X100	JT7020	DD5-DD60R1&2	Optional	Standard	Standard	229
KA-5500PT-3500	D50X100	JT7020	DD90B-DD14B	Optional	Standard	Standard	234
KA-5500PT-4000	D80X100	JT7020	DD180-DD220	Optional	Standard	Standard	306
KQ-5500PT-3000				Optional	Standard	Standard	154
KQ-5500PT-3500				Optional	Standard	Standard	323
KQ-5500PT-4000				Optional	Standard	Standard	422
KQ-5500PT-4500				Optional	Standard	Standard	534
KQ-5500PT-5000				Optional	Standard	Standard	659
KQ-5500PT-5500				Optional	Standard	Standard	800

KZ-3150PT SERIES PUMP



KZ-3150PT

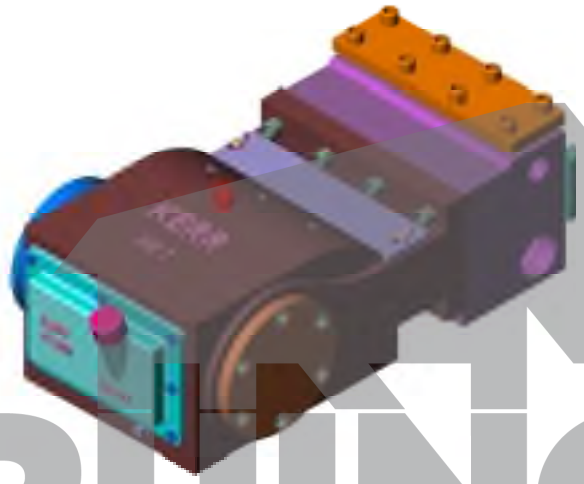
Fluid Ends: Ductile Iron, Aluminum Bronze, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers



KZ-3150VPT

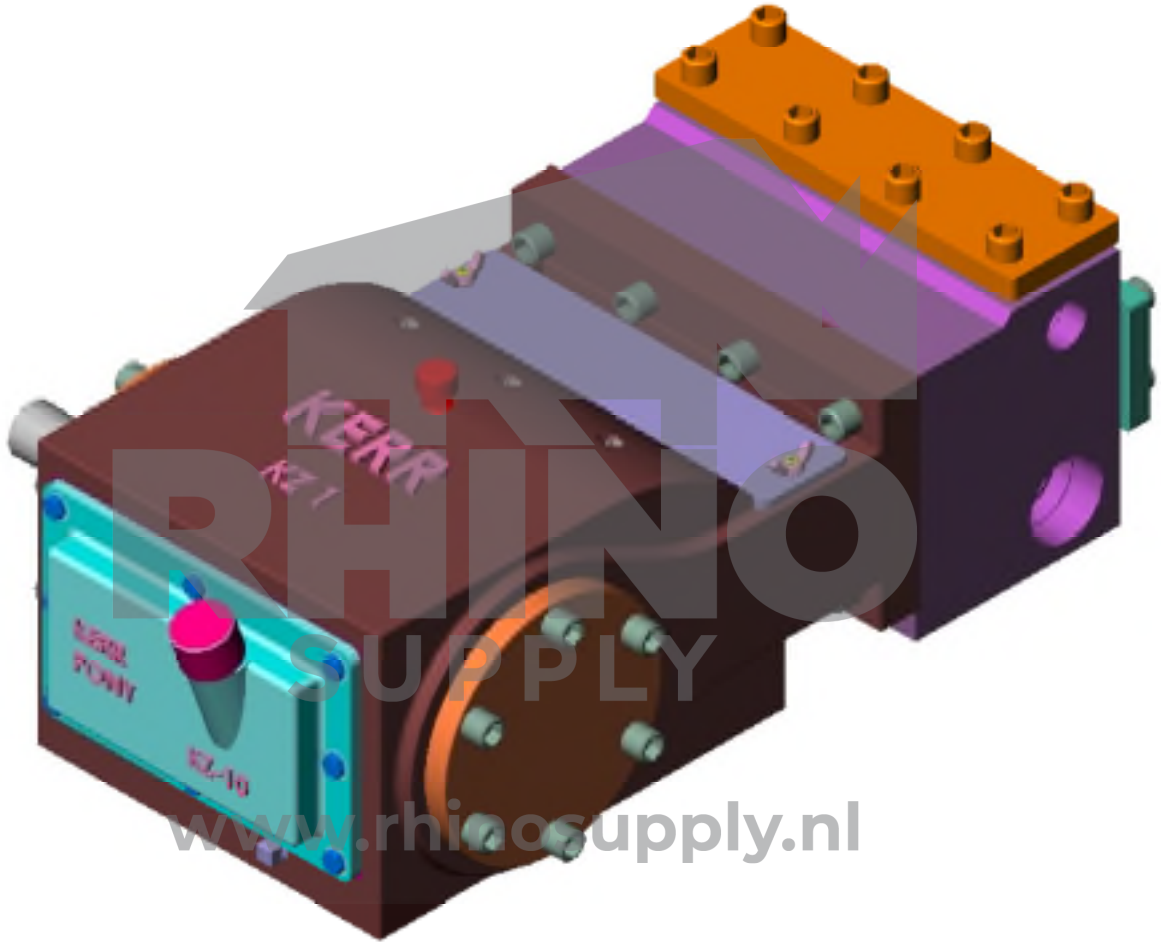
Fluid Ends: Ductile Iron, Aluminum Bronze, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

KZ-3150PT SERIES
PUMP DRIVE OPTIONS



- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive

Kerr Pumps
Since 1946



KZ-3150PT

Fluid Ends: Ductile Iron,
Aluminum Bronze, Steel,
Stainless Steel. Side Ports
Threaded, Bolted Valve Covers.
Right or Left Hand Drive

Kerr Pumps

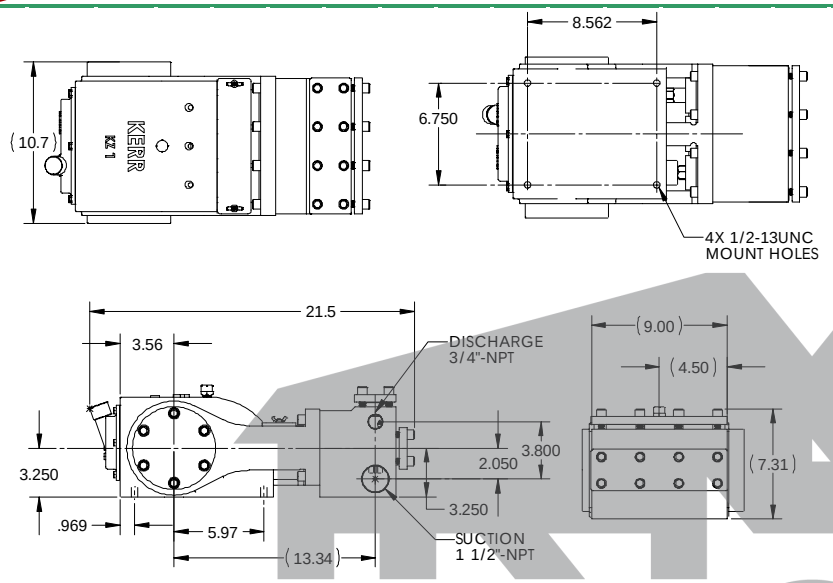
Since 1946

KZ-3150VPT

Fluid Ends: Ductile Iron, Aluminum Bronze, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

Kerr Pumps

Kerr KZ-3150PT-1500



GENERAL DIMENSIONS FOR KZ-3150PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 1.500"

Crankshaft:
1" Internal straight-keyed shaft; 2 bolt SAE "A" flange

Oil Capacity: 2 Quarts or 1.89 Liters

Pump Weight: 175 Pounds

Connections:
1 1/2" FNPT (Suction)
3/4" FNPT(Discharge)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

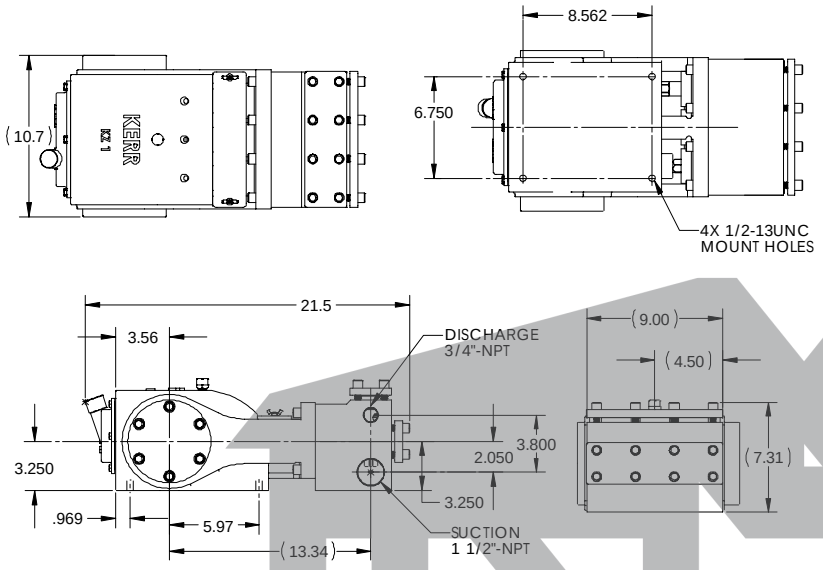
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		475 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
1.500"	1000	0.0344	3.4	118	5.2	177	6.9	236	8.6	295	10.3	354	12.0	413	13.8	472	16.4	561	17.2	590
Max. Brake Horsepower Required			2		3		4		6		7		8		9		11		11	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KZ-3150PT-1750



GENERAL DIMENSIONS FOR KZ-3150PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 1.500"

Crankshaft:
1" Internal straight-keyed shaft; 2 bolt SAE "A" flange

Oil Capacity: 2 Quarts or 1.89 Liters

Pump Weight: 175 Pounds

Connections:
1 1/2" FNPT (Suction)
3/4" FNPT(Discharge)

Std Material for Fluid End:
Ductile Iron

FEATURES

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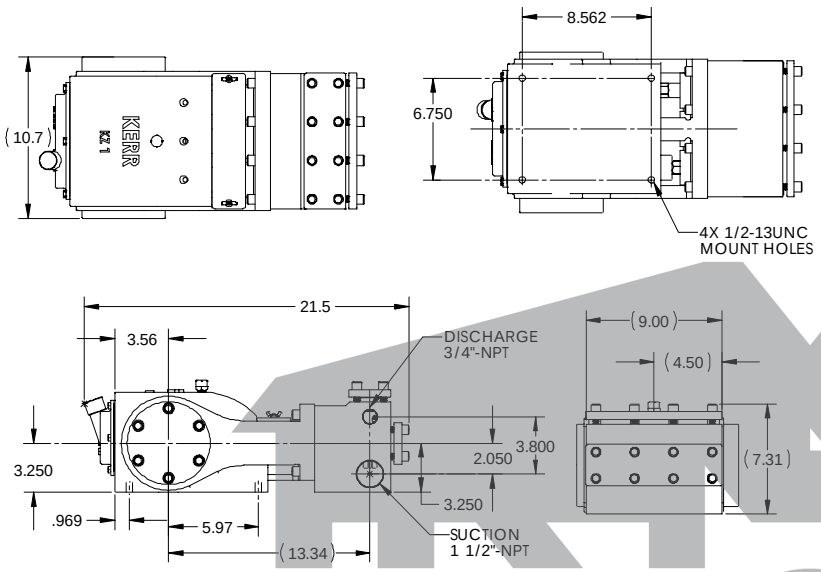
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		475 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
1.750"	1000	0.0469	4.7	161	7.0	241	9.4	321	11.7	402	14.1	482	16.4	562	18.7	643	22.3	763	23.4	803
Max. Brake Horsepower Required			3		5		6		8		9		11		12		14		15	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr KZ-3150PT-1875



GENERAL DIMENSIONS FOR KZ-3150PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 1.500"

Crankshaft:
1" Internal straight-keyed shaft; 2 bolt SAE "A" flange

Oil Capacity: 2 Quarts or 1.89 Liters

Pump Weight: 175 Pounds

Connections:
1 1/2" FNPT (Suction)
3/4" FNPT(Discharge)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
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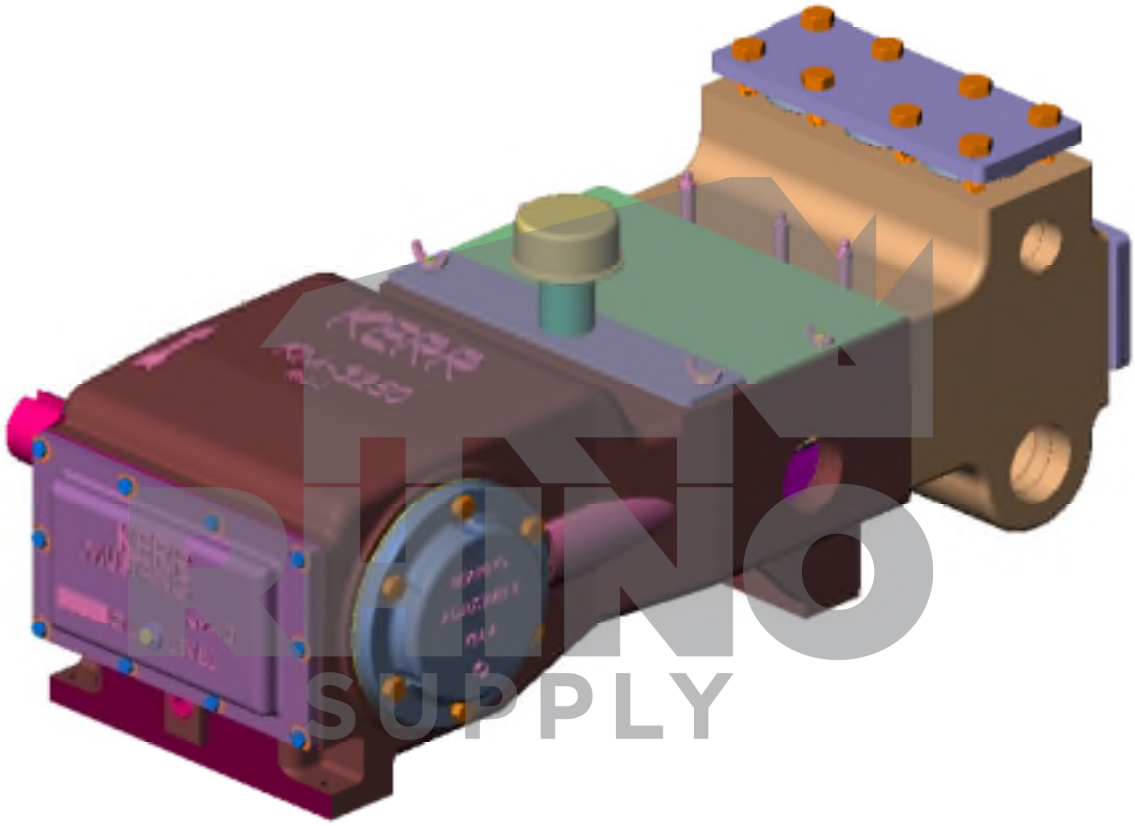
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		475 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
1.875"	1000	0.0538	5.4	184	8.1	277	10.8	369	13.4	461	16.1	553	18.8	645	21.5	738	25.5	876	26.9	922
Max. Brake Horsepower Required			3		5		7		9		10		12		14		17		17	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

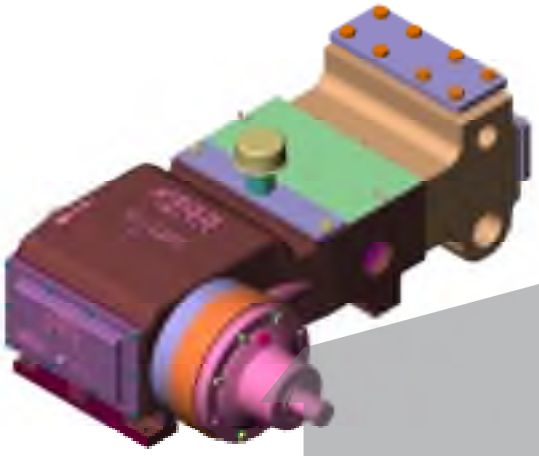
KM-3250PT SERIES PUMP



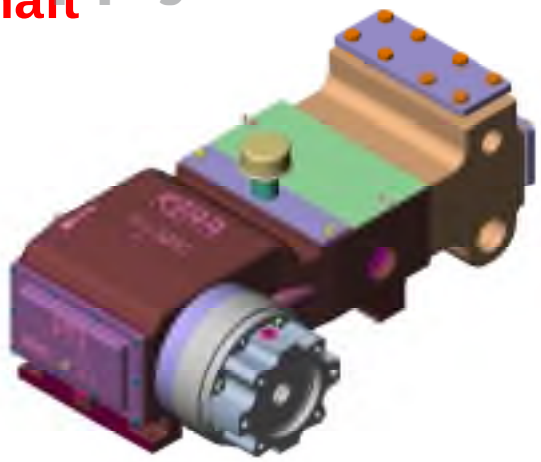
KM-3250PT

Fluid Ends: Steel, Stainless Steel, Ductile Iron. Side Ports Threaded, Bolted Valve Covers

KM-3250PT SERIES PUMP DRIVE OPTIONS



- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive
- Planetary Gear Reducer
  --with Extension Shaft
  --without Extension Shaft



Kerr Pumps
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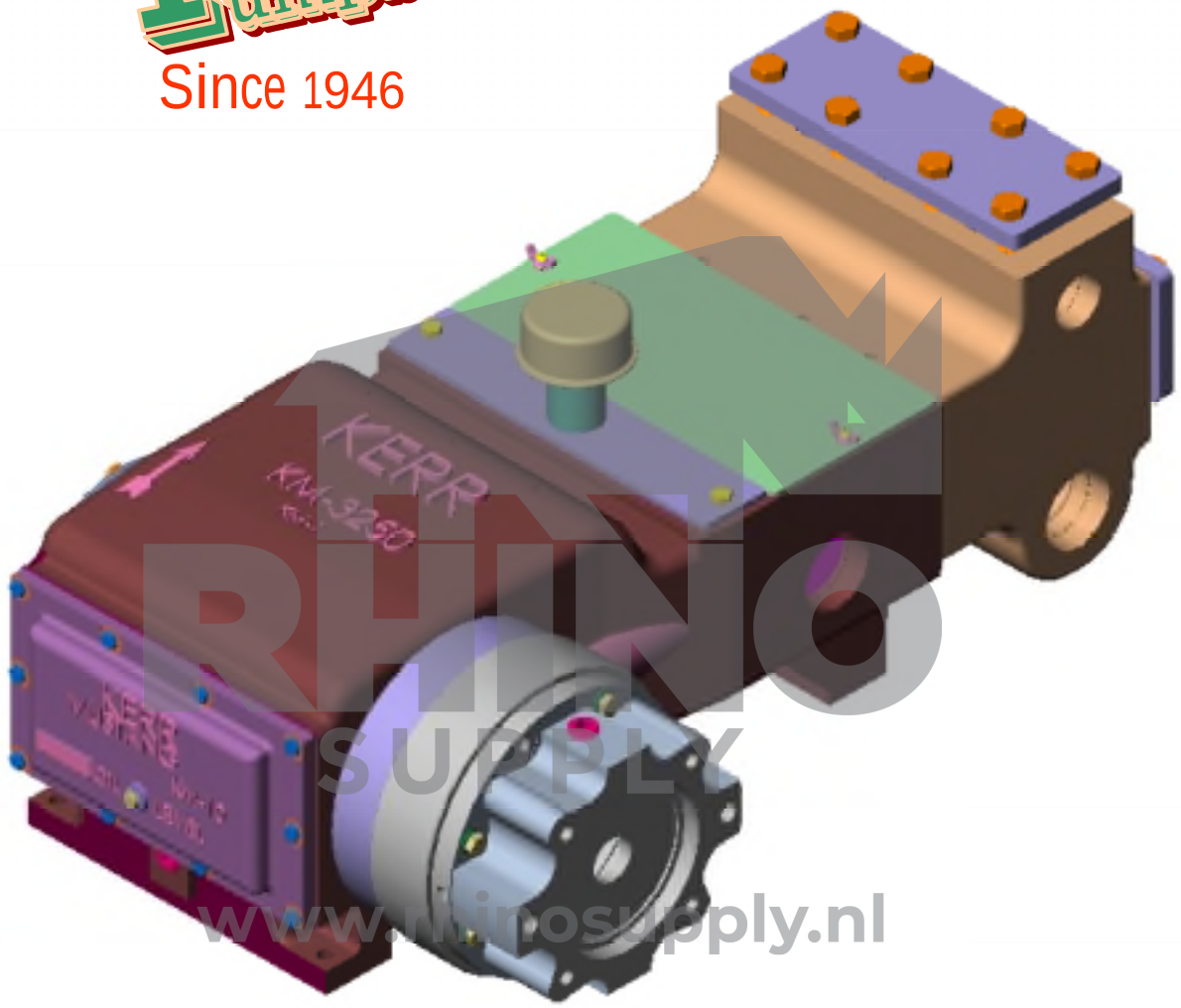
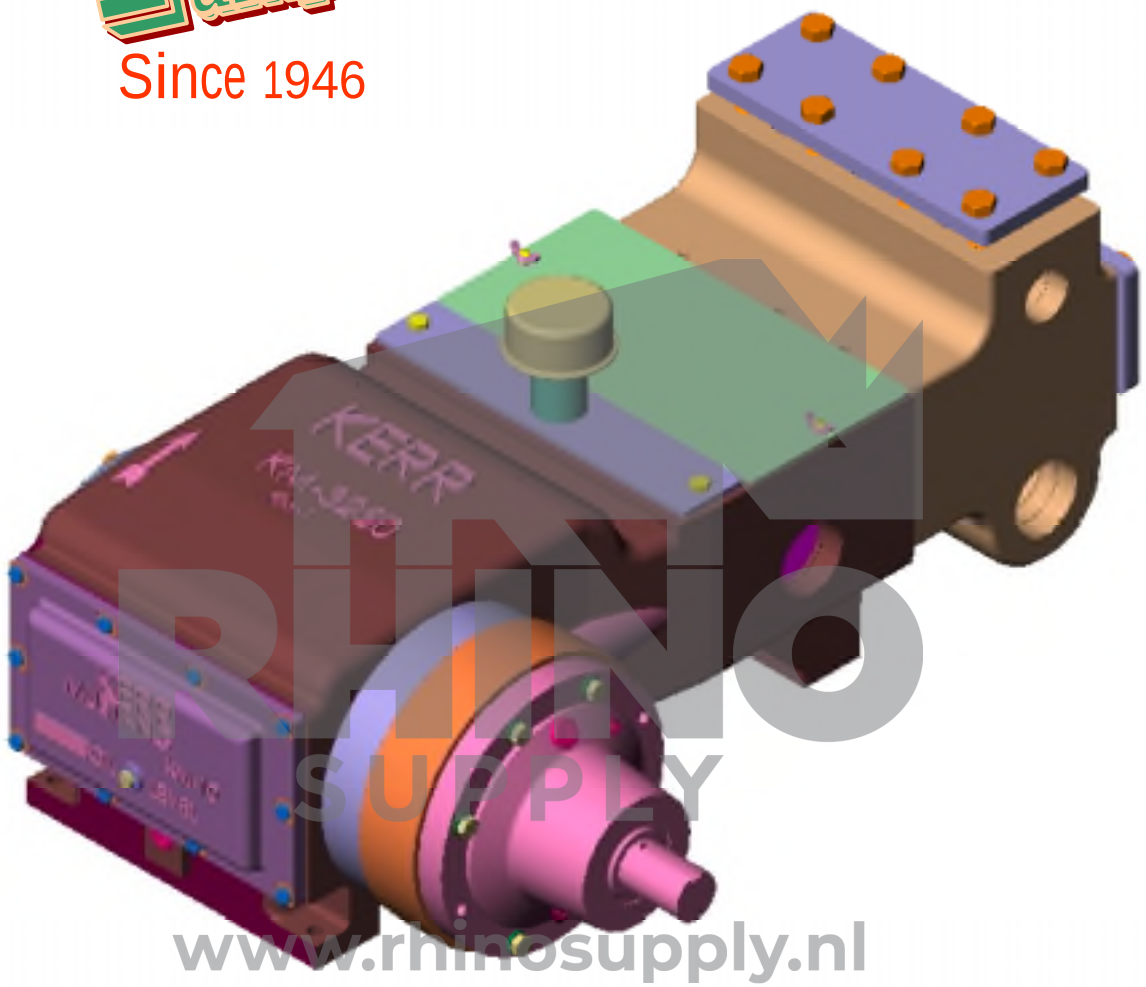


KM-3250HDPT

Fluid Ends: Steel, Stainless Steel, Ductile Iron. Side Ports Threaded, Bolted Valve Covers. #6 Planetary. Right or Left Hand Drive.

Kerr Pumps
Since 1946

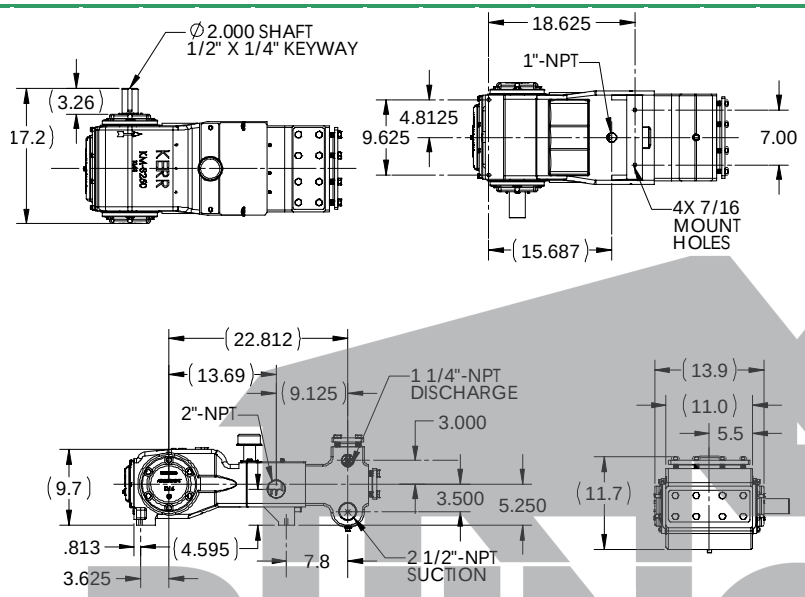


KM-3250GRPT

Fluid Ends:Steel, Stainless Steel, Ductile Iron. Side Ports Threaded, Bolted Valve Covers. #6 Planetary with Male Shaft. Right or Left Hand Drive.

Kerr Pumps

Kerr KM-3250PT-1750



GENERAL DIMENSIONS FOR KM-3250PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 2.500"

Crankshaft:
Extension Dia. 2"
Keyway 1/2" x 1/4" or
Hydraulic Drive

Oil Capacity: 4 Quarts or
3.785 Liters

Pump Weight: 340 Pounds

Connections:
2 1/2" FNPT (Suction)
1 1/4" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

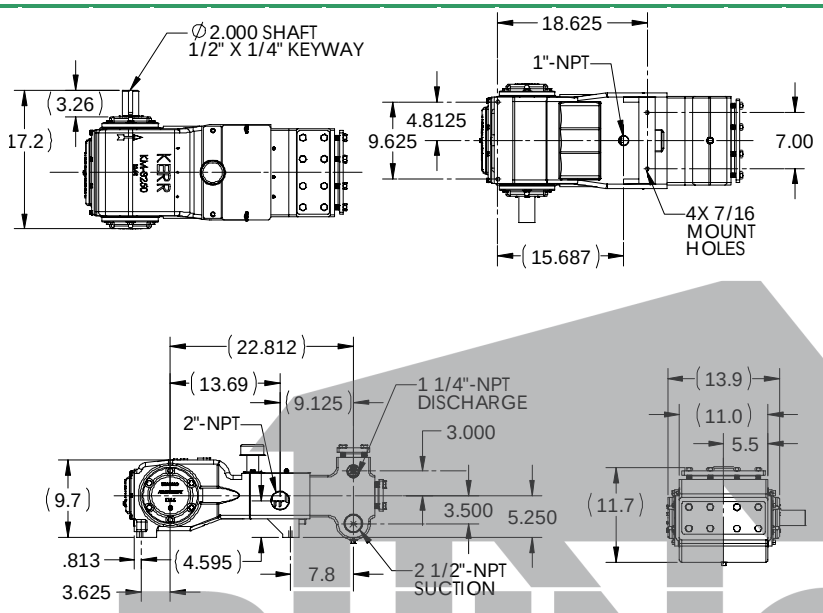
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		425 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
1.750"	1000	0.0781	7.8	268	11.7	402	15.6	536	19.5	670	23.4	803	27.3	937	33.2	1138	35.1	1205	39.0	1339
Max. Brake Horsepower Required			5		8		10		13		15		18		22		23		25	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KM-3250PT-2000



GENERAL DIMENSIONS FOR KM-3250PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 2.500"

Crankshaft:
- Extension Dia. 2"
- Keyway 1/2" x 1/4" or
- Hydraulic Drive

Oil Capacity: 4 Quarts or
3.785 Liters

Pump Weight: 340 Pounds

Connections:
- 2 1/2" FNPT (Suction)
- 1 1/4" FNPT(Dischrg)

Std Material for Fluid End:
- Ductile Iron
- Aluminum Bronze
- Carbon Steel
- Forged Steel
- Forged Stainless Steel

FEATURES

Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

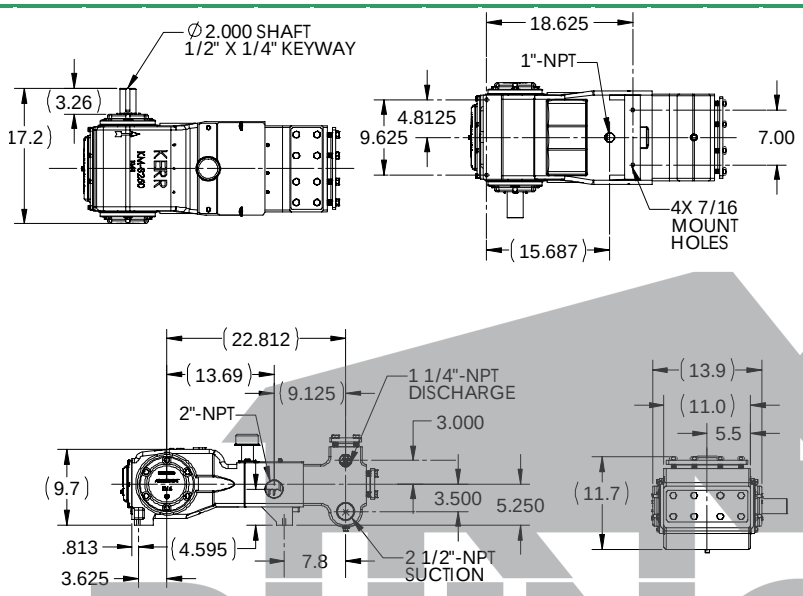
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		425 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.000"	1000	0.1020	10.2	350	15.3	525	20.4	700	25.5	875	30.6	1050	35.7	1225	43.4	1487	45.9	1575	51.0	1750
Max. Brake Horsepower Required			7		10		13		17		20		23		28		30		33	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KM-3250PT-2250



GENERAL DIMENSIONS FOR KM-3250PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 2.500"

Crankshaft:
Extension Dia. 2"
Keyway 1/2" x 1/4" or
Hydraulic Drive

Oil Capacity: 4 Quarts or
3.785 Liters

Pump Weight: 340 Pounds

Connections:
2 1/2" FNPT (Suction)
1 1/4" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

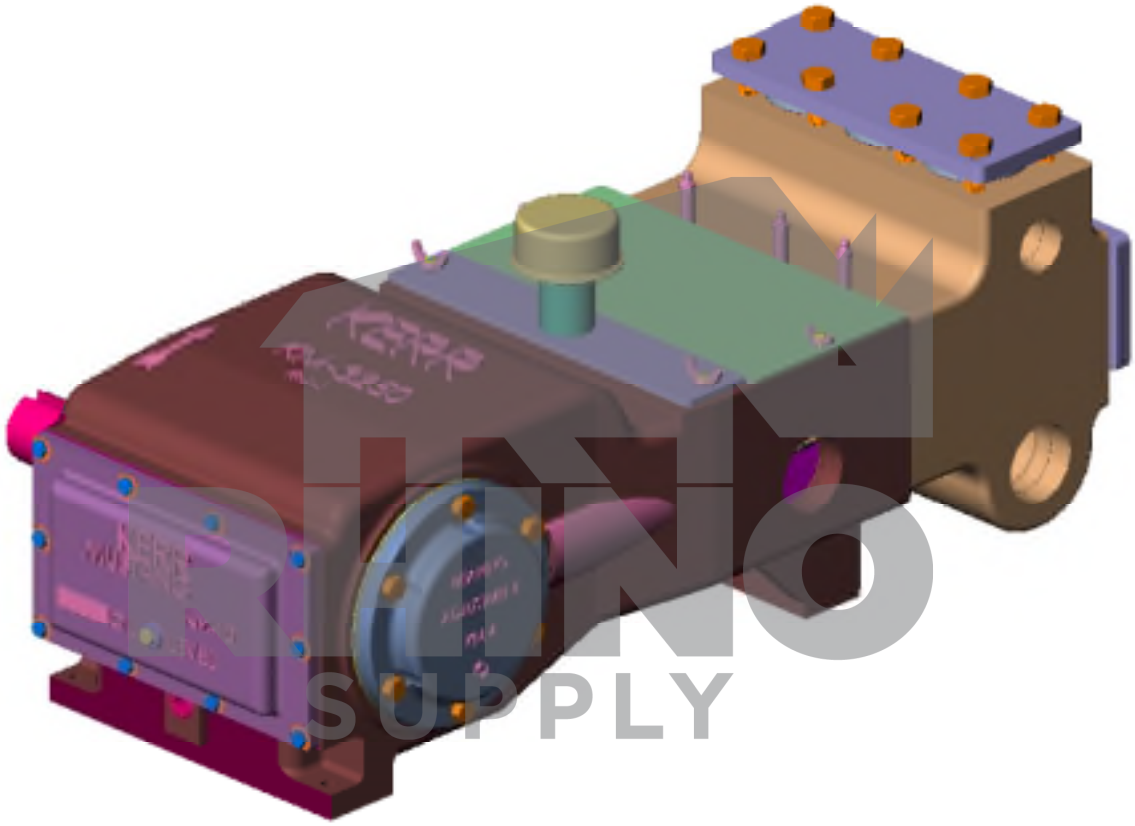
Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		425 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.250"	1000	0.1291	12.9	443	19.4	664	25.8	886	32.3	1107	38.7	1328	45.2	1550	54.9	1882	58.1	1993	64.5	2214
Max. Brake Horsepower Required			8		13		17		21		25		29		36		38		42	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

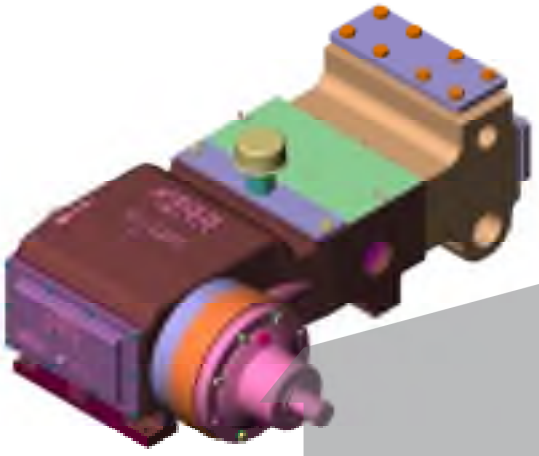
KM-3300PT SERIES PUMP



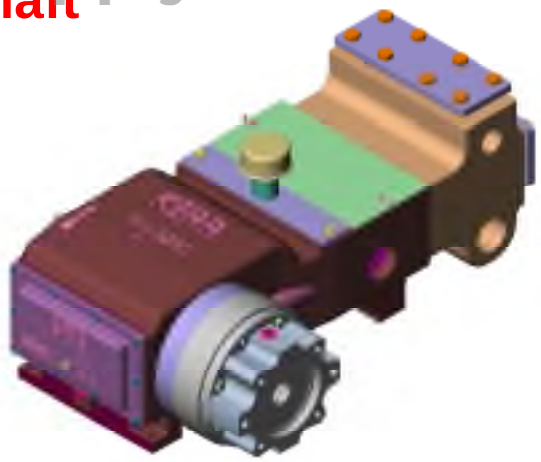
KM-3300PT

Fluid Ends: Steel, Stainless Steel, Ductile Iron. Side Ports Threaded, Bolted Valve Covers

KM-3300PT SERIES PUMP DRIVE OPTIONS

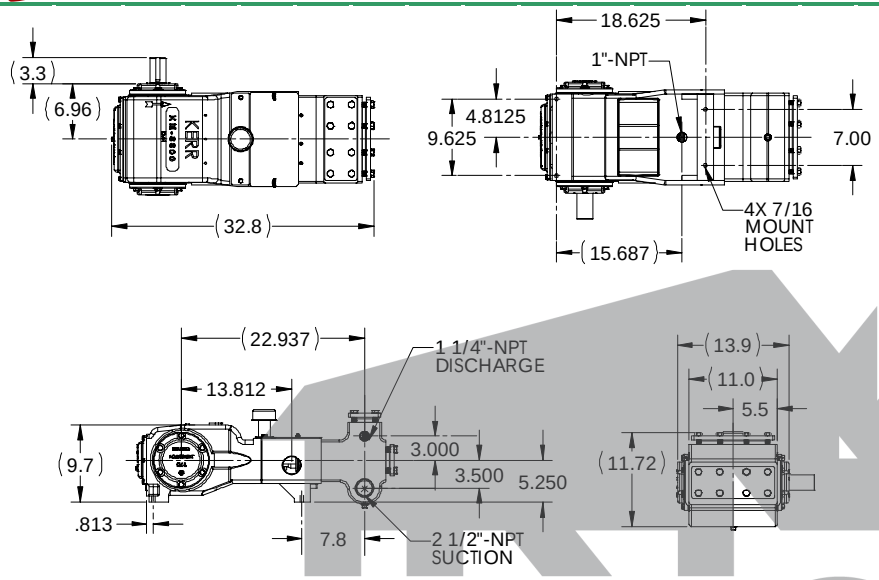


- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive
- Planetary Gear Reducer
  --with Extension Shaft
  --without Extension Shaft



Kerr Pumps

Kerr KM-3300PT-2000



GENERAL DIMENSIONS FOR KM-3300PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
Extension Dia. 2"
Keyway 1/2" x 1/4" or
Hydraulic Drive

Oil Capacity: 4 Quarts or
3.785 Liters

Pump Weight: 340 Pounds

Connections:
2 1/2" FNPT (Suction)
1 1/4" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

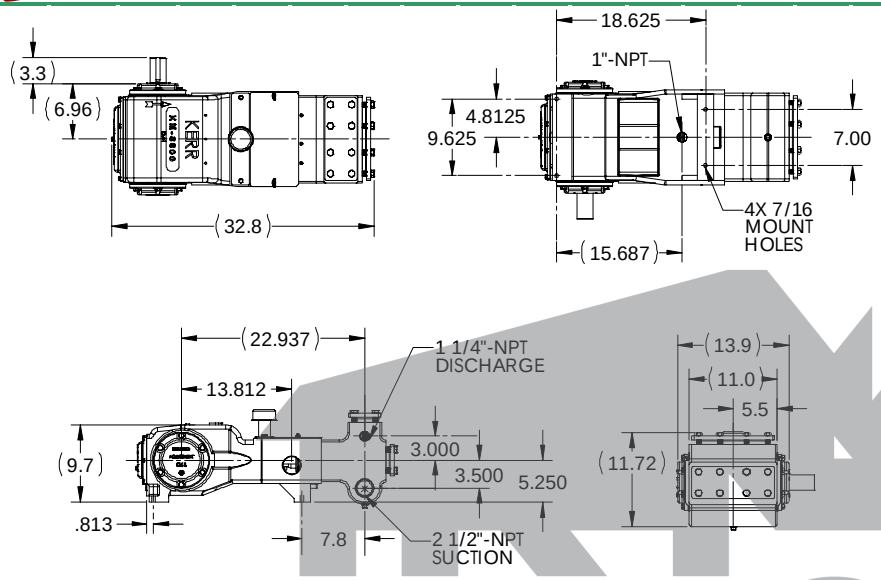
Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.000"	1000	0.1224	12.2	420	18.4	630	24.5	840	30.6	1050	36.7	1260	42.8	1470	49.0	1680	55.1	1889	61.2	2099
Max. Brake Horsepower Required			8		12		16		20		24		28		32		36		40	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr KM-3300PT-2250



GENERAL DIMENSIONS FOR KM-3300PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
- Extension Dia. 2"
- Keyway 1/2" x 1/4" or
- Hydraulic Drive

Oil Capacity: 4 Quarts or 3.785 Liters

Pump Weight: 340 Pounds

Connections:
- 2 1/2" FNPT (Suction)
- 1 1/4" FNPT(Dischrg)

Std Material for Fluid End:
- Ductile Iron

FEATURES

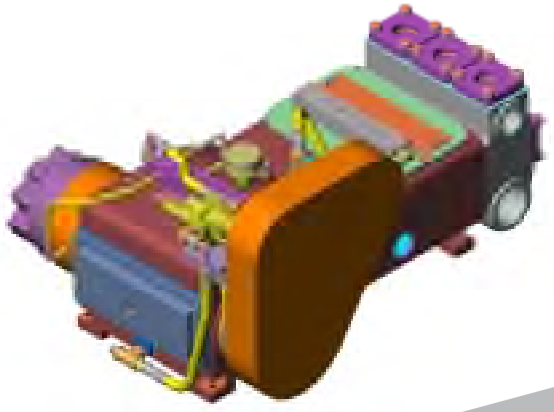
Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.250"	1000	0.1549	15.5	531	23.2	797	31.0	1063	38.7	1328	46.5	1594	54.2	1860	62.0	2125	69.7	2391	77.5	2657
Max. Brake Horsepower Required			10		15		20		25		30		35		40		45		50	

Technical Notes:

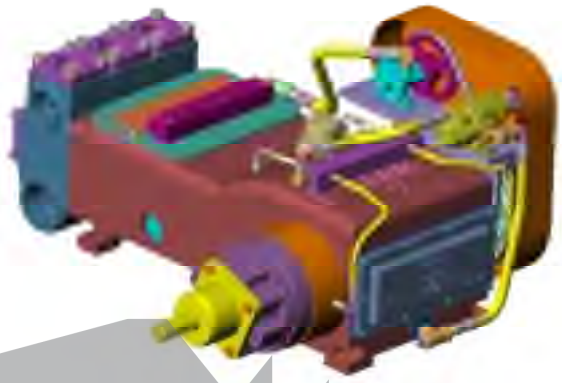
1. Volumes indicated are based on 100% Volumetric Efficiency.
2. Horsepower required based on 90% Mechanical Efficiency.
3. Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

KP-3300PT SERIES PUMP



KP-3300PT

Fluid Ends:Ductile Iron. Side Ports Threaded, Bolted Valve Covers



KP-3300GRPT

Fluid Ends:Ductile Iron. Side Ports Threaded, Bolted Valve Covers

KP-3300RDHDPT

Fluid Ends: Ductile Iron, Side Ports Threaded, Bolted Valve Covers

KP-3300RDGRPT

Fluid Ends: Ductile Iron, Side Ports Threaded, Bolted Valve Covers

KP-3300PT SERIES PUMP DRIVE OPTIONS

- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive
- Planetary Gear Reducer
  --with Extension Shaft
  --without Extension Shaft

Kerr Pumps

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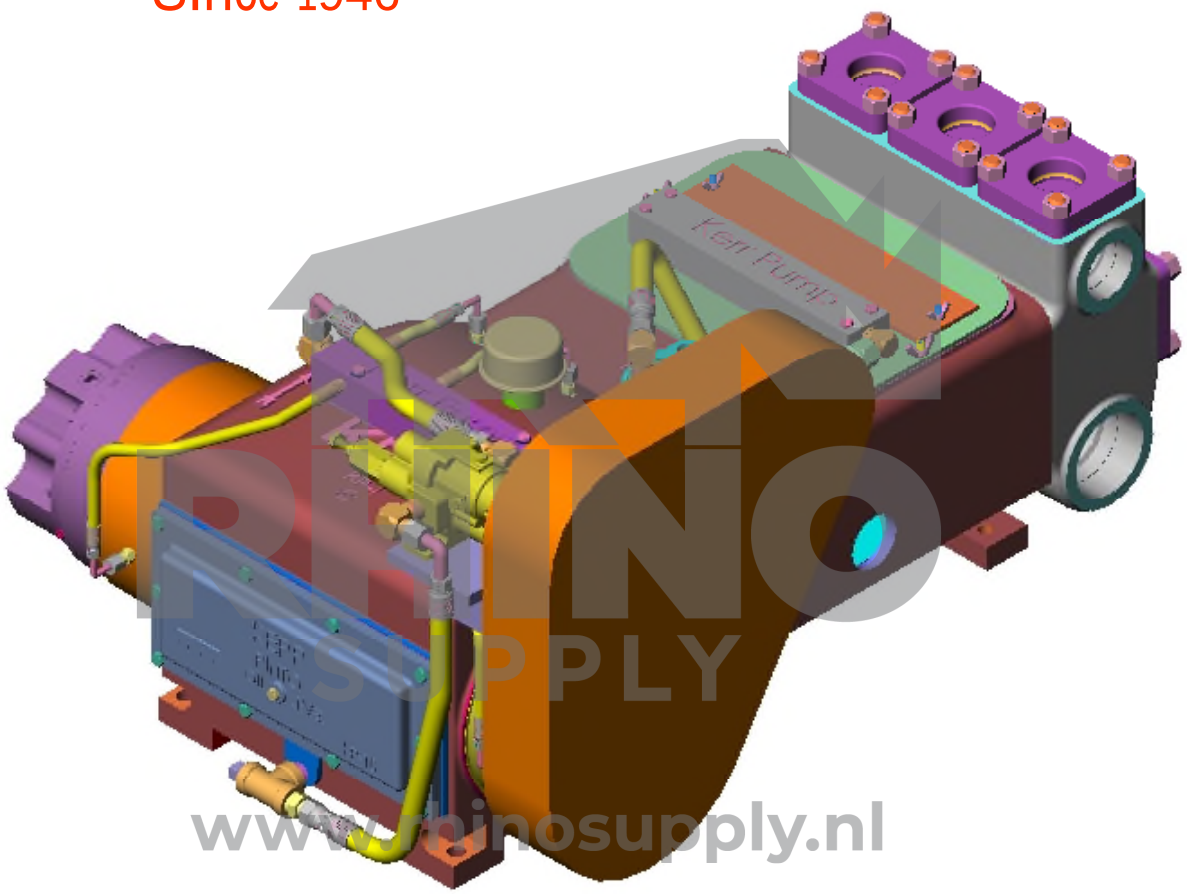
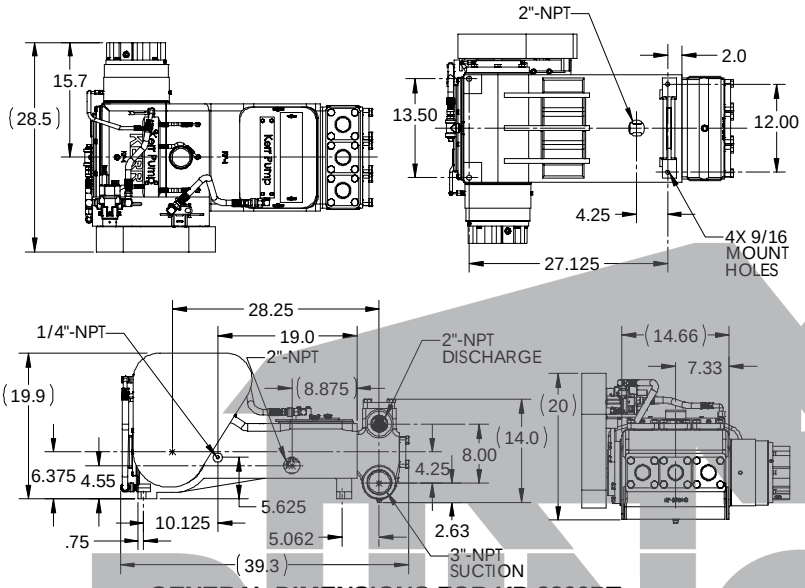


KP-3300PT

Fluid Ends:Ductile Iron. Side Ports Threaded, Bolted Valve Covers, Right or Left Hand Drive

Kerr KP-3300PT-2500



GENERAL DIMENSIONS FOR KP-3300PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
Extension Dia. 2 1/2"
Keyway 5/8" x 5/16" or
Hydraulic Drive

Oil Capacity: 12 Quarts or
11.36 Liters

Pump Weight: 800 Pounds

Connections:
3" FNPT (Suction)
2" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

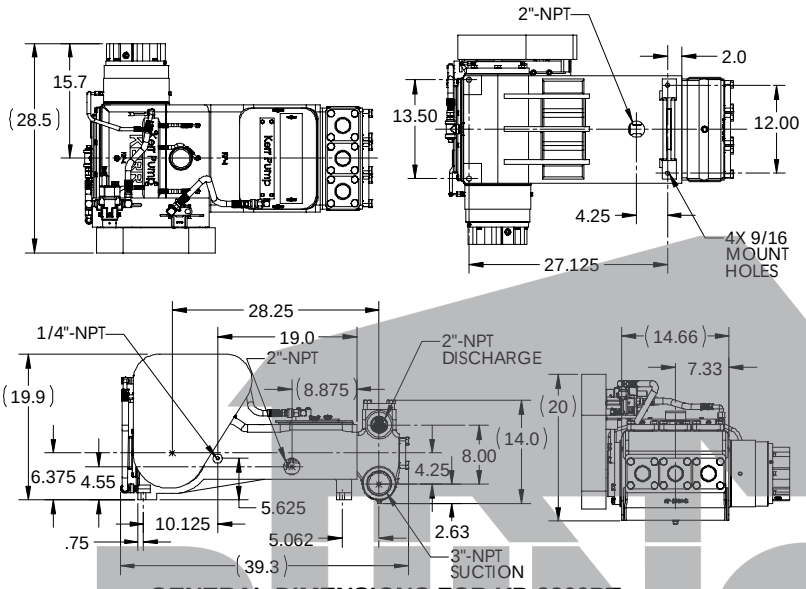
Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.500"	1000	0.1913	19.1	656	28.7	984	38.3	1312	47.8	1640	57.4	1968	66.9	2296	76.5	2624	86.1	2952	95.6	3280
Max. Brake Horsepower Required			12		19		25		31		37		43		50		56		62	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr KP-3300PT-2750



GENERAL DIMENSIONS FOR KP-3300PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
Extension Dia. 2 1/2"
Keyway 5/8" x 5/16" or
Hydraulic Drive

Oil Capacity: 12 Quarts or
11.36 Liters

Pump Weight: 800 Pounds

Connections:
3" FNPT (Suction)
2" FNPT (Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

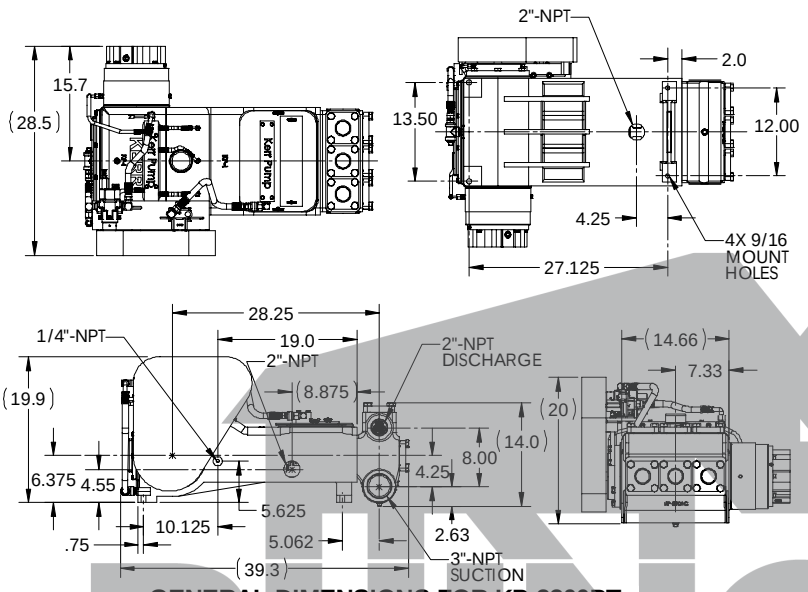
Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.750"	1000	0.2314	23.1	794	34.7	1191	46.3	1588	57.9	1985	69.4	2381	81.0	2778	92.6	3175	104.1	3572	115.7	3969
Max. Brake Horsepower Required			15		23		30		38		45		53		60		68		75	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr KP-3300PT-3000



GENERAL DIMENSIONS FOR KP-3300PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
Extension Dia. 2 1/2"
Keyway 5/8" x 5/16" or
Hydraulic Drive

Oil Capacity: 12 Quarts or
11.36 Liters

Pump Weight: 800 Pounds

Connections:
3" FNPT (Suction)
2" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.000"	1000	0.2754	27.5	945	41.3	1417	55.1	1889	68.9	2362	82.6	2834	96.4	3306	110.2	3779	123.9	4251	137.7	4723
Max. Brake Horsepower Required			18		27		36		45		54		62		71		80		89	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

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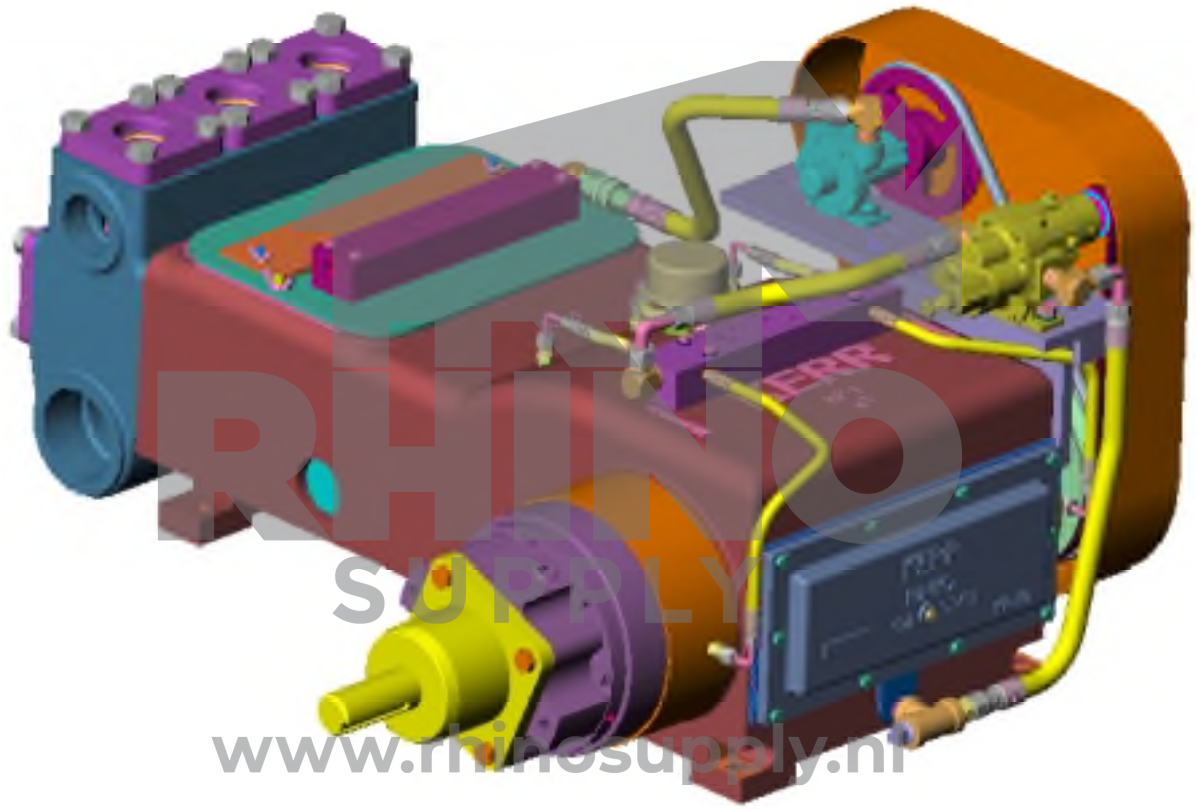
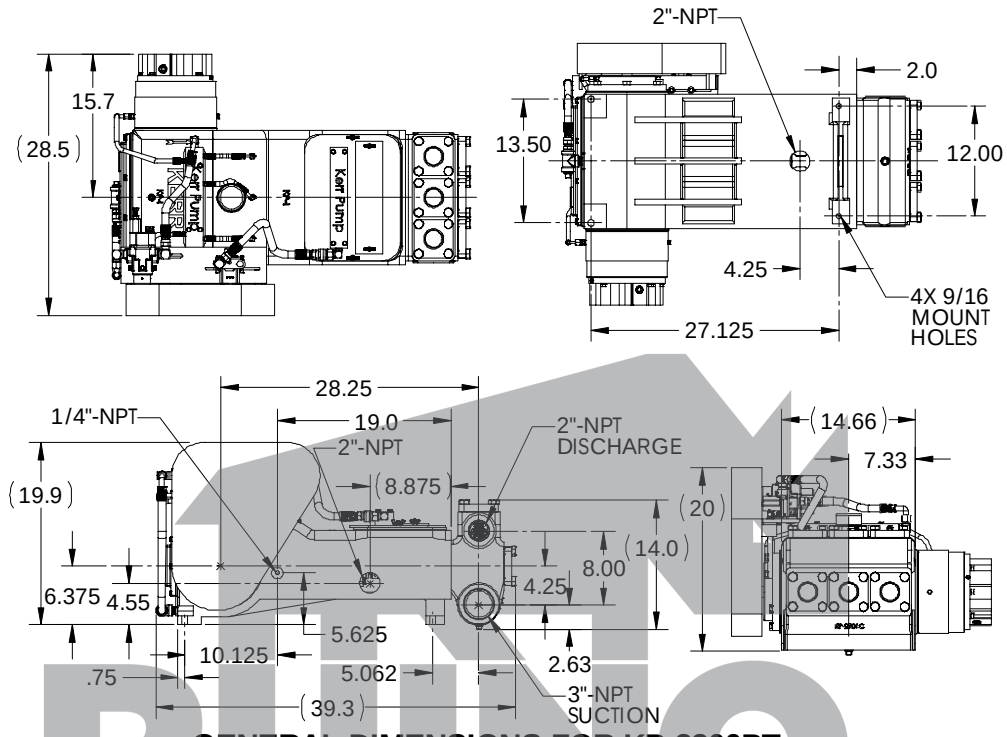


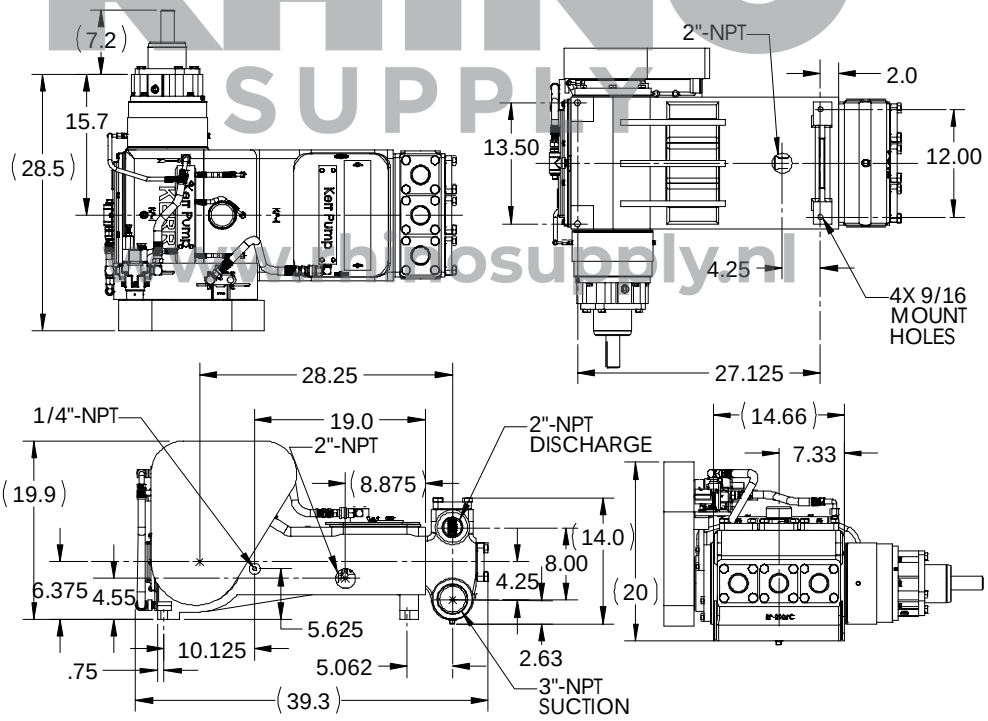
KP-3300GRPT

Fluid Ends:Ductile Iron.
Side Ports Threaded,
Bolted Valve Covers,
Right or Left Hand Drive

General Dimensions KP-3300PT Series Pump with Drive Options



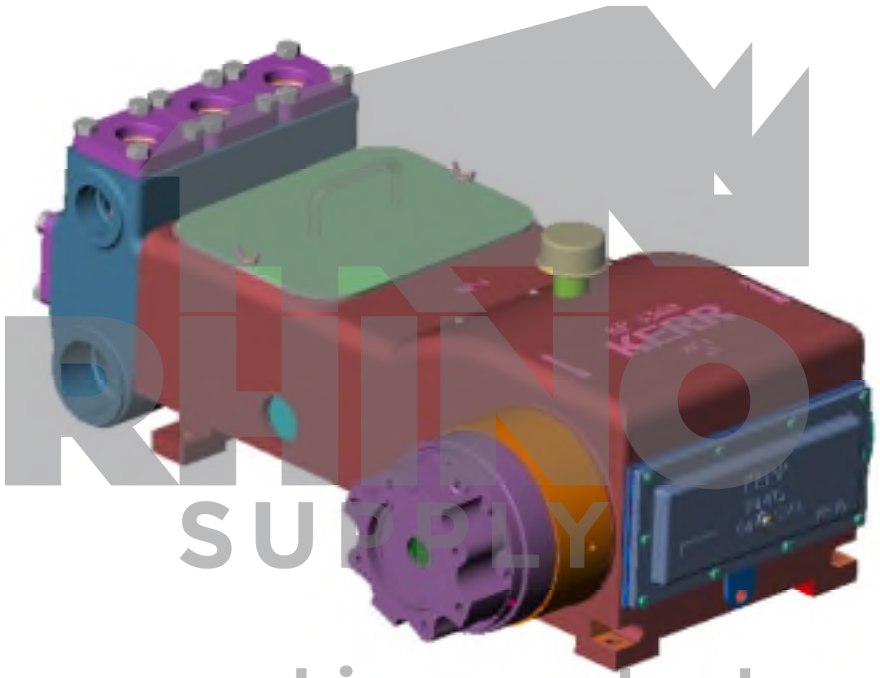
GENERAL DIMENSIONS FOR KP-3300PT



GENERAL DIMENSIONS FOR KP-3300GRPT

Kerr Pumps

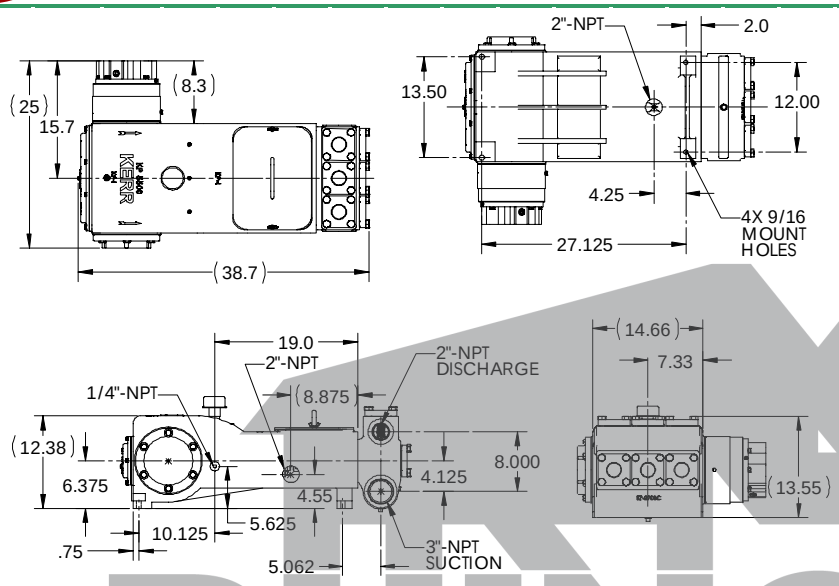
Since 1946



KP-3300RDHDPT

Fluid Ends: Ductile Iron, Side Ports Threaded, Bolted Valve Covers

Kerr Pumps Kerr KP-3300RDHDPT-2750



GENERAL DIMENSIONS FOR KP-3300RDHDPT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
Hydraulic Drive

Oil Capacity: 12 Quarts or
11.36 Liters

Pump Weight: 800 Pounds

Connections:
3" FNPT (Suction)
2" FNPT (Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

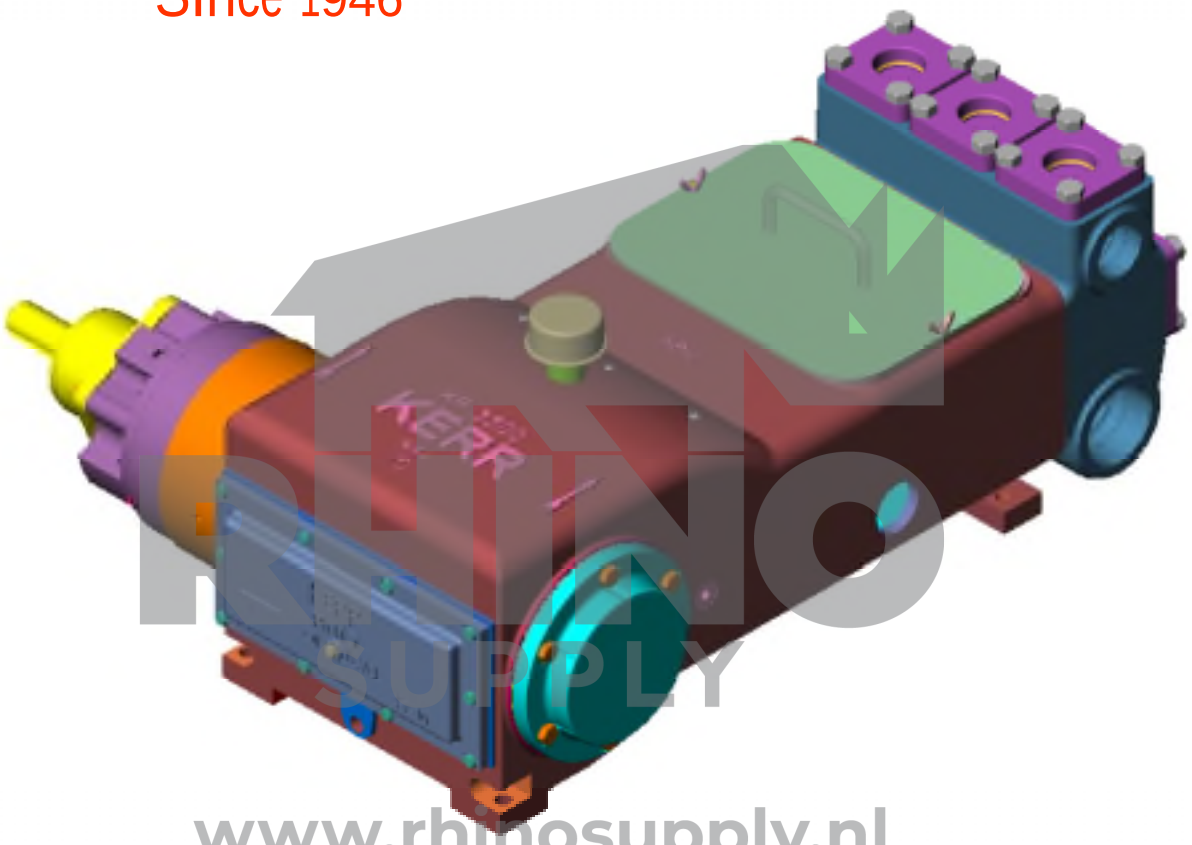
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.750"	1000	0.2314	23.1	794	34.7	1191	46.3	1588	57.9	1985	69.4	2381	81.0	2778	92.6	3175	104.1	3572	115.7	3969
Max. Brake Horsepower Required			15		23		30		38		45		53		60		68		75	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

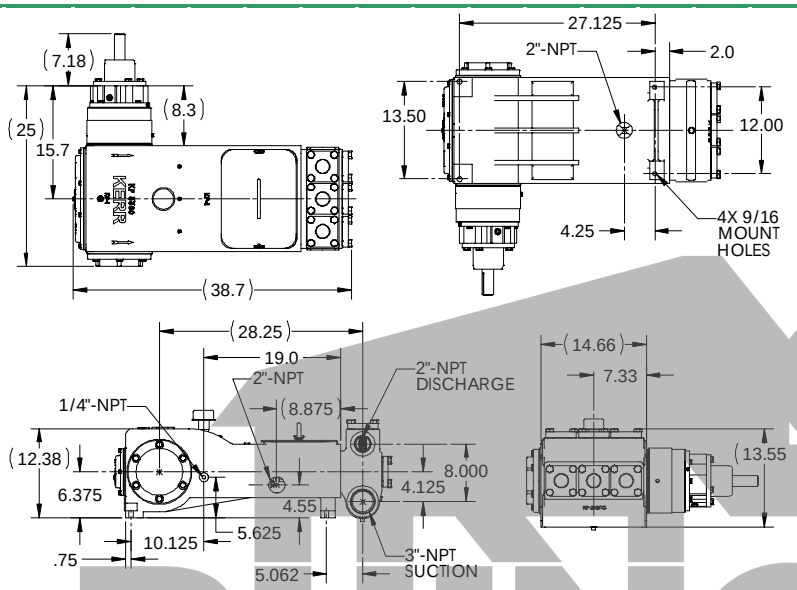
Since 1946



KP-3300RDGRPT

Fluid Ends: Ductile Iron, Side Ports Threaded, Bolted Valve Covers, Right Hand or Left Hand Drive

Kerr Pumps — Kerr KP-3300RDGRPT-2750



GENERAL DIMENSIONS FOR KP-3300RDGRPT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.000"

Crankshaft:
Extension Dia. 1 1/2"
Keyway 5/16"

Oil Capacity: 12 Quarts or 11.36 Liters

Pump Weight: 800 Pounds

Connections:
3" FNPT (Suction)
2" FNPT (Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Low Speed Lubrication Option Available
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Crankshaft May Extend from Either Side of the Power Frame
Optional Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
New Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
2.750"	1000	0.2314	23.1	794	34.7	1191	46.3	1588	57.9	1985	69.4	2381	81.0	2778	92.6	3175	104.1	3572	115.7	3969
Max. Brake Horsepower Required			15		23		30		38		45		53		60		68		75	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

KT-3350PT SERIES PUMP

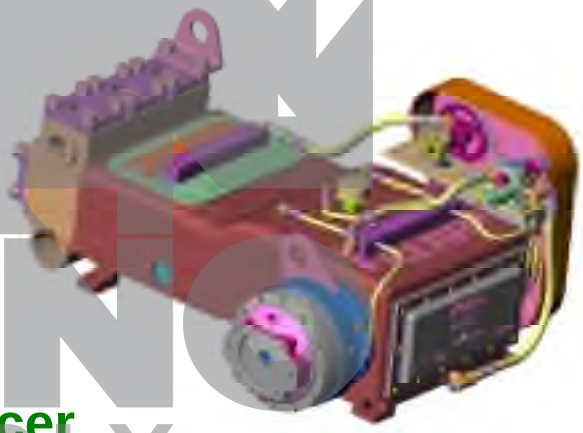
KT-3350PT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

KT-3350GRPT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

KT-3350PT SERIES PUMP DRIVE OPTIONS



- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive
- Planetary Gear Reducer
  --with Extension Shaft
  --without Extension Shaft

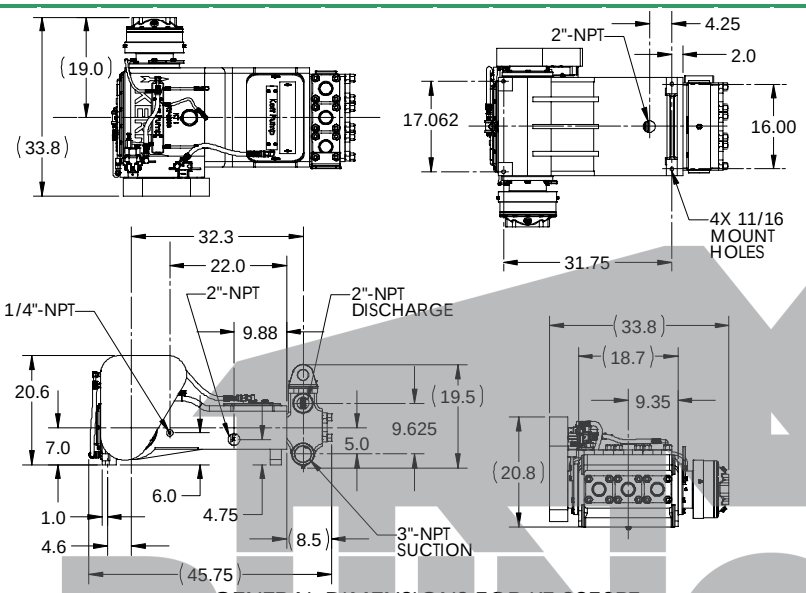
Kerr Pumps
Since 1946

KT-3350PT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers. Right or Left Hand Drive.

Kerr Pumps

Kerr KT-3350PT-3000



GENERAL DIMENSIONS FOR KT-3350PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.500"

Crankshaft:
Extension Dia. 2 15/16"
Keyway 3/4" x 3/8" or
Splined for Hyd Drive

Oil Capacity: 16 Quarts or
15.4 Liters

Pump Weight: 1200 Pounds

Connections:
3" FNPT (Suction)
2" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Optional Splined Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Strength, Heat Treated Connecting Rods with Replaceable Bearings
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life Heat Treated and Hardened Polyurethane Inserted Valves and Seats

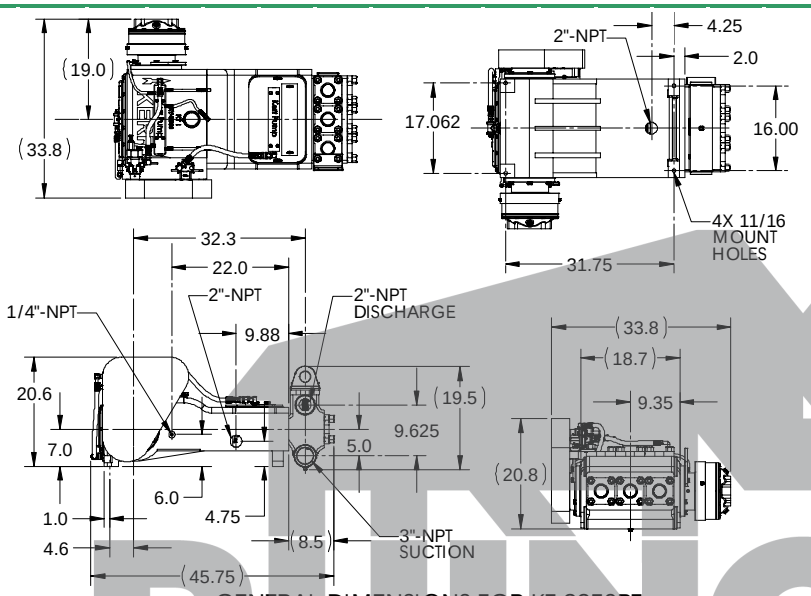
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		375 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.000"	1000	0.3213	32.1	1102	48.2	1653	64.3	2204	80.3	2755	96.4	3306	120.5	4133	128.5	4408	144.6	4960	160.7	5511
Max. Brake Horsepower Required			21		31		42		52		62		78		83		94		104	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KT-3350PT-3500



GENERAL DIMENSIONS FOR KT-3350PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.500"

Crankshaft:
Extension Dia. 2 15/16"
Keyway 3/4" x 3/8" or
Splined for Hyd Drive

Oil Capacity: 16 Quarts or
15.4 Liters

Pump Weight: 1200 Pounds

Connections:
3" FNPT (Suction)
2" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Optional Splined Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Strength, Heat Treated Connecting Rods with Replaceable Bearings
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life Heat Treated and Hardened Polyurethane Inserted Valves and Seats

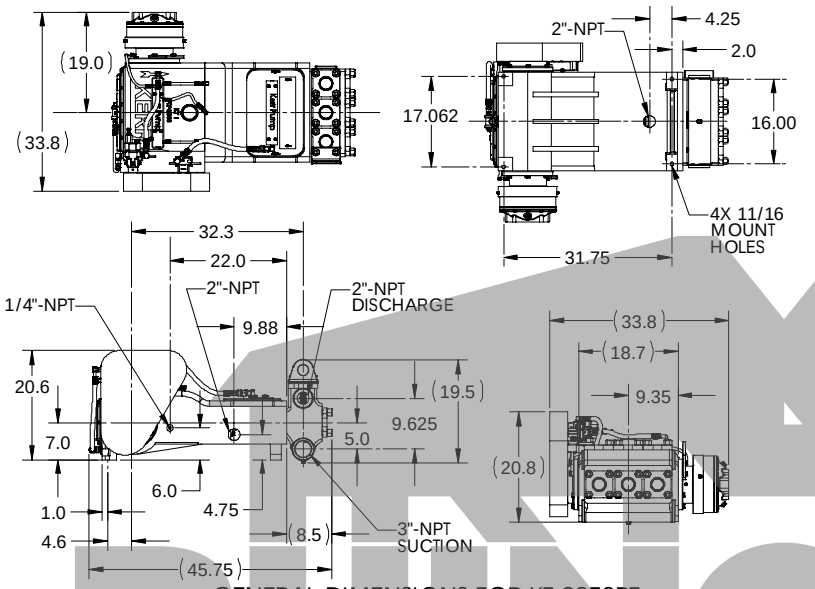
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		375 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.500"	1000	0.4373	43.7	1500	65.6	2250	87.5	3000	109.3	3750	131.2	4500	164.0	5625	174.9	6000	196.8	6750	218.7	7500
Max. Brake Horsepower Required			28		43		57		71		85		106		113		128		142	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KT-3350PT-4000



GENERAL DIMENSIONS FOR KT-3350PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 3.500"

Crankshaft:
Extension Dia. 2 15/16"
Keyway 3/4" x 3/8" or
Splined for Hyd Drive

Oil Capacity: 16 Quarts or
15.4 Liters

Pump Weight: 1200 Pounds

Connections:
3" FNPT (Suction)
2" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

Triplex Design
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Optional Splined Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Strength, Heat Treated Connecting Rods with Replaceable Bearings
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		375 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
4.000"	1000	0.5712	57.1	1959	85.7	2939	114.2	3918	142.8	4898	171.4	5877	214.2	7347	228.5	7837	257.0	8816	285.6	9796
Max. Brake Horsepower Required			37		56		74		93		111		139		148		167		185	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

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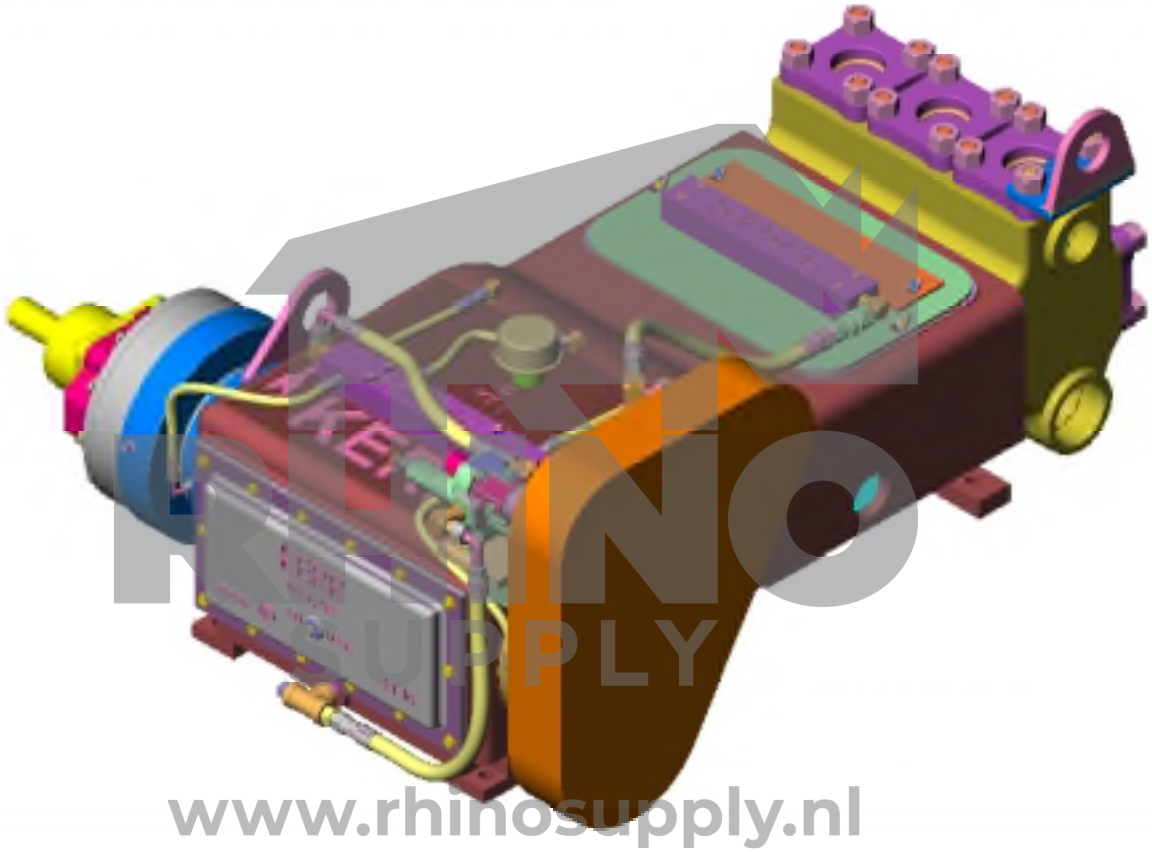
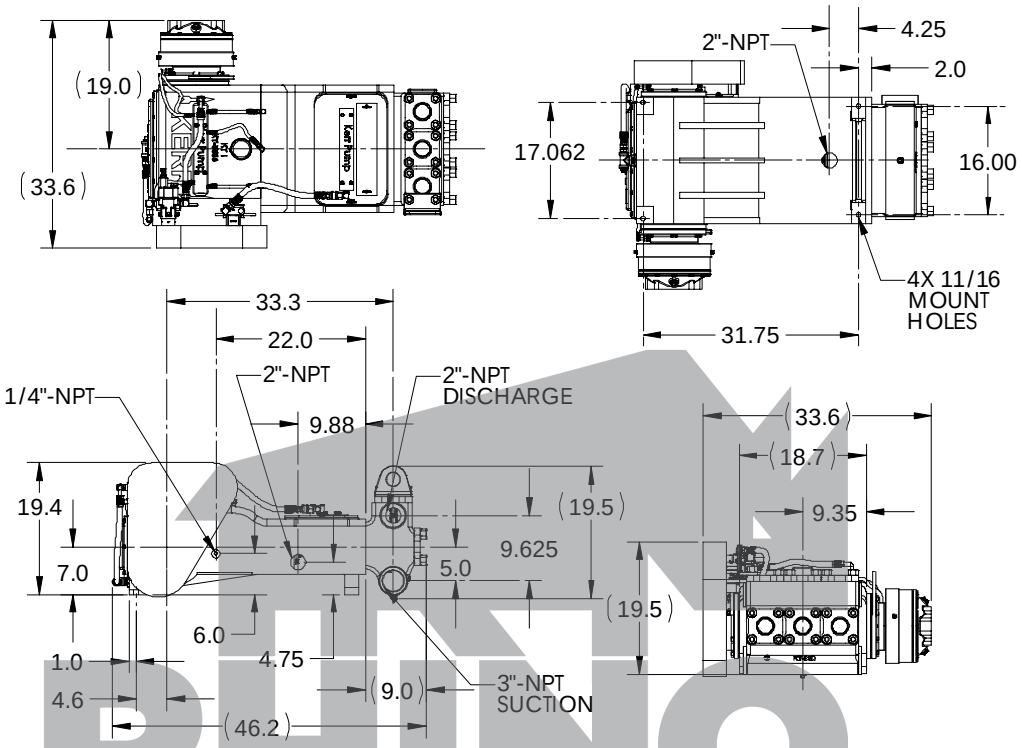
Since 1946



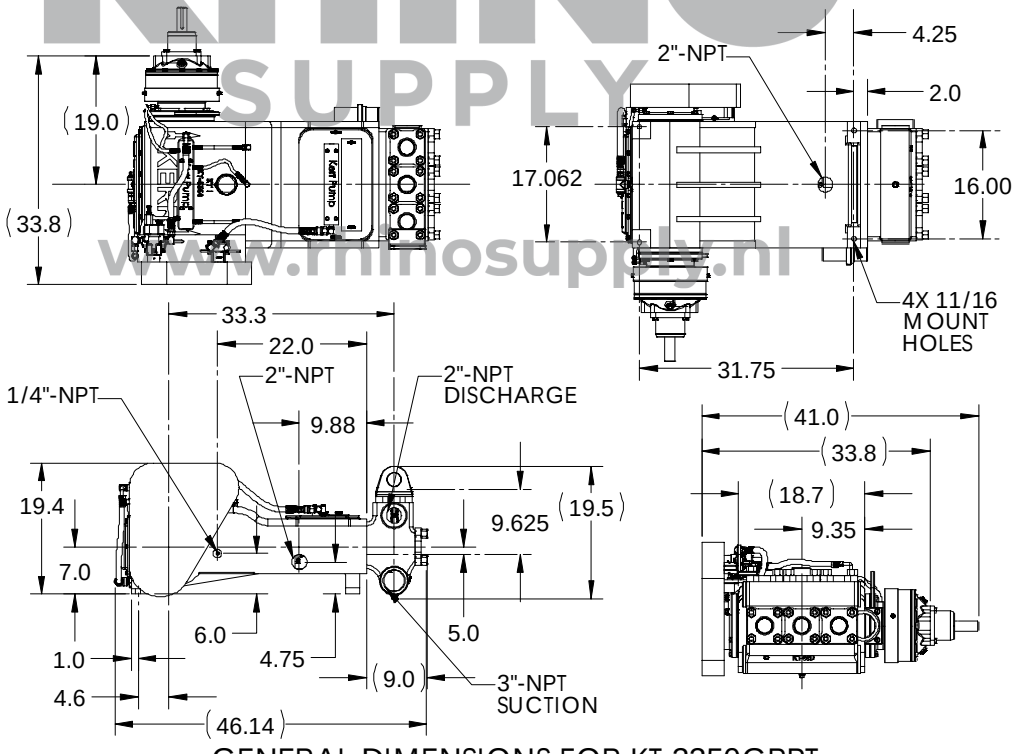
KT-3350GRPT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers. Right or Left Hand Drive.

General Dimensions KT-3350PT Series Pump with Drive Options



GENERAL DIMENSIONS FOR KT-3350PT



GENERAL DIMENSIONS FOR KT-3350GRPT

KT-3400PT SERIES PUMP

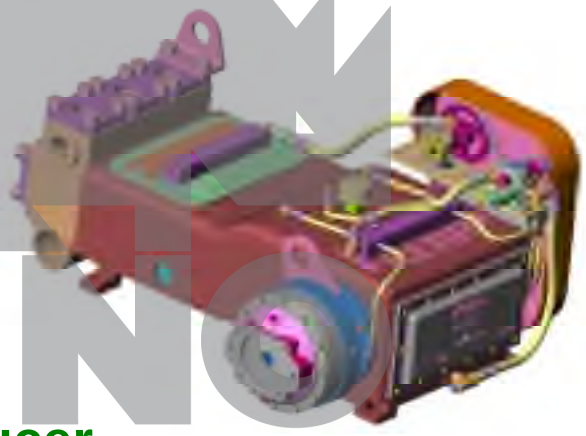
KT-3400PT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

KT-3400GRPT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

KT-3400PT SERIES PUMP DRIVE OPTIONS



- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive
- Planetary Gear Reducer
  --with Extension Shaft
  --without Extension Shaft

Kerr Pumps

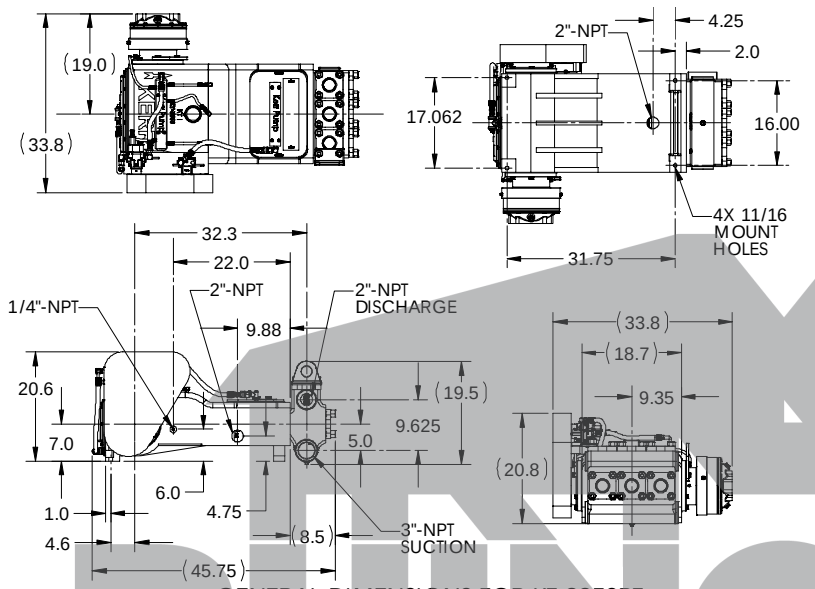
Since 1946

KT-3400PT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers. Right or Left Hand Drive.

Kerr Pumps

Kerr KT-3400PT-4000



GENERAL DIMENSIONS FOR KT-3350PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 4.000"

Crankshaft:
Extension Dia. 2 15/16"
Keyway 3/4" x 3/8" or
Splined for Hyd Drive

Oil Capacity: 16 Quarts or
15.4 Liters

Pump Weight: 1200 Pounds

Connections:
3" FNPT (Suction)
2" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

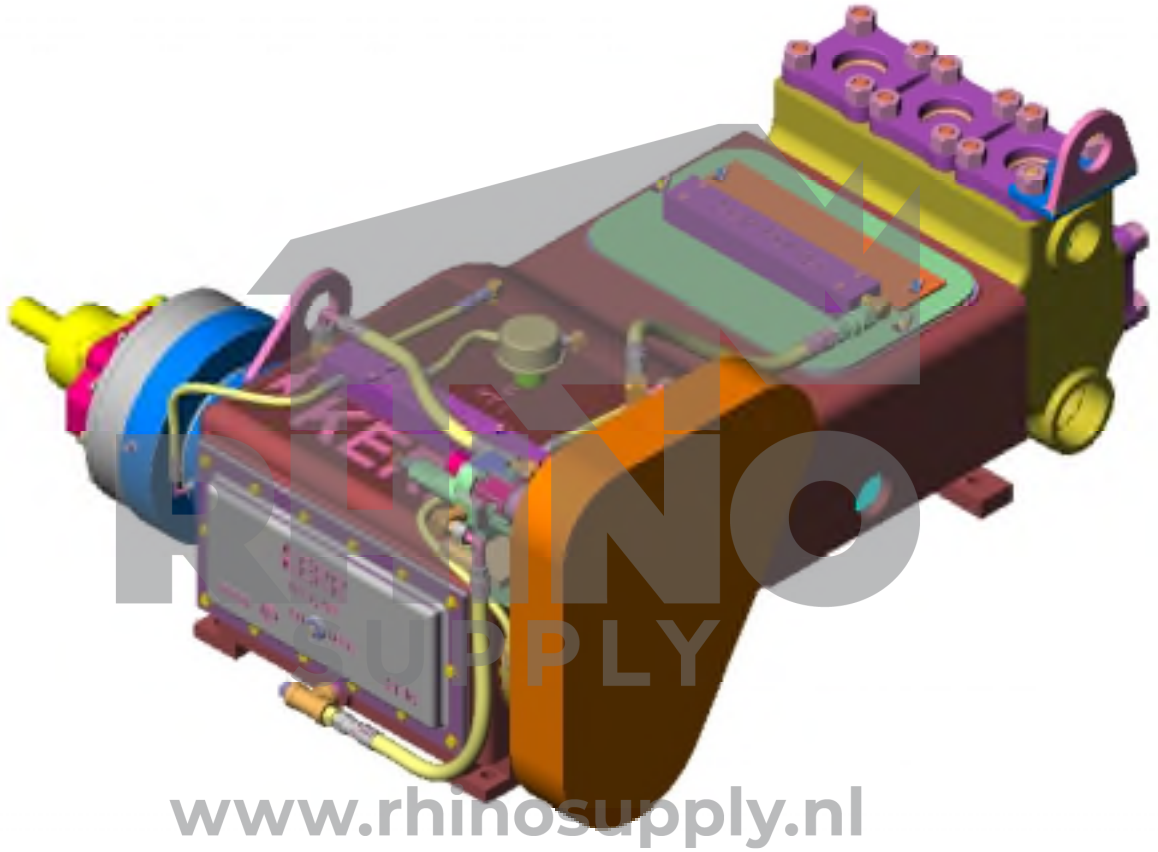
Triplex Design
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Optional Splined Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Strength, Heat Treated Connecting Rods with Replaceable Bearings
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New Longer Life Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
4.000"	1000	0.6528	65.3	2239	97.9	3359	130.6	4478	163.2	5598	195.8	6717	228.5	7837	261.1	8956	293.8	10076	326.4	11195
Max. Brake Horsepower Required			42		63		85		106		127		148		169		190		212	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

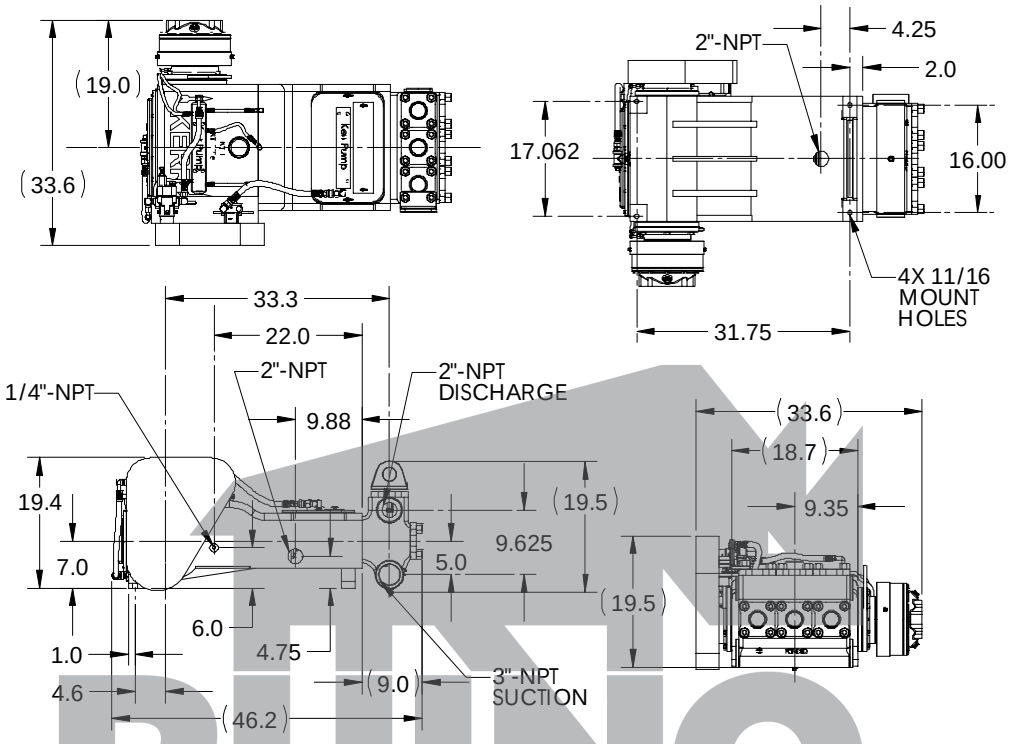
Kerr Pumps
Since 1946



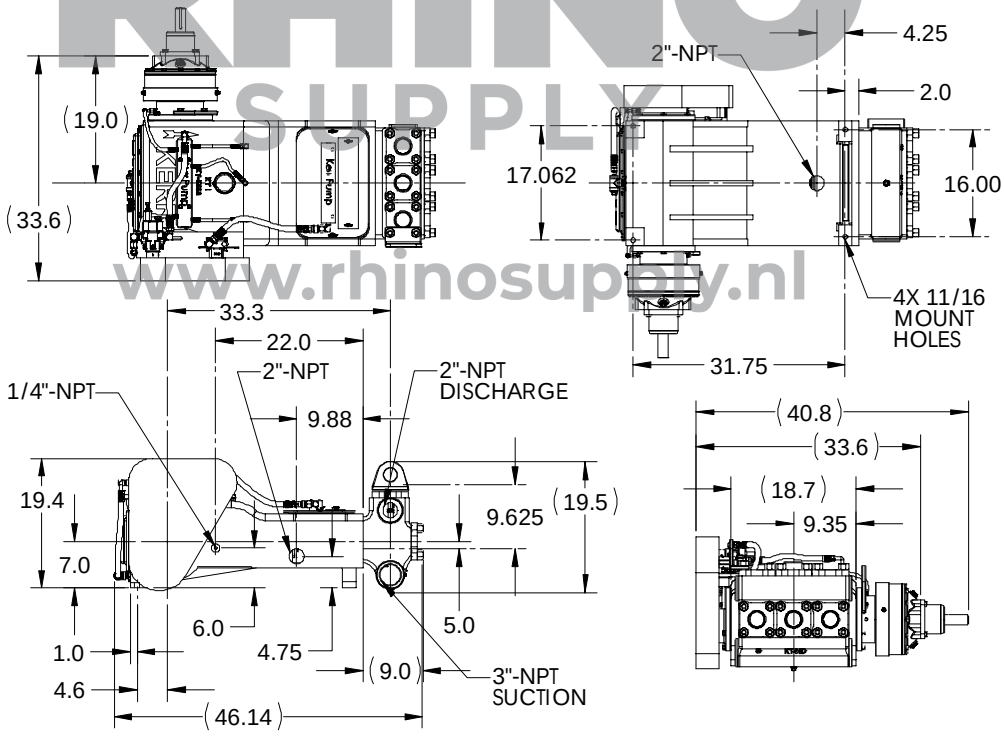
KT-3400GRPT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers. Right or Left Hand Drive.

General Dimensions KT-3400PT Series Pump with Drive Options

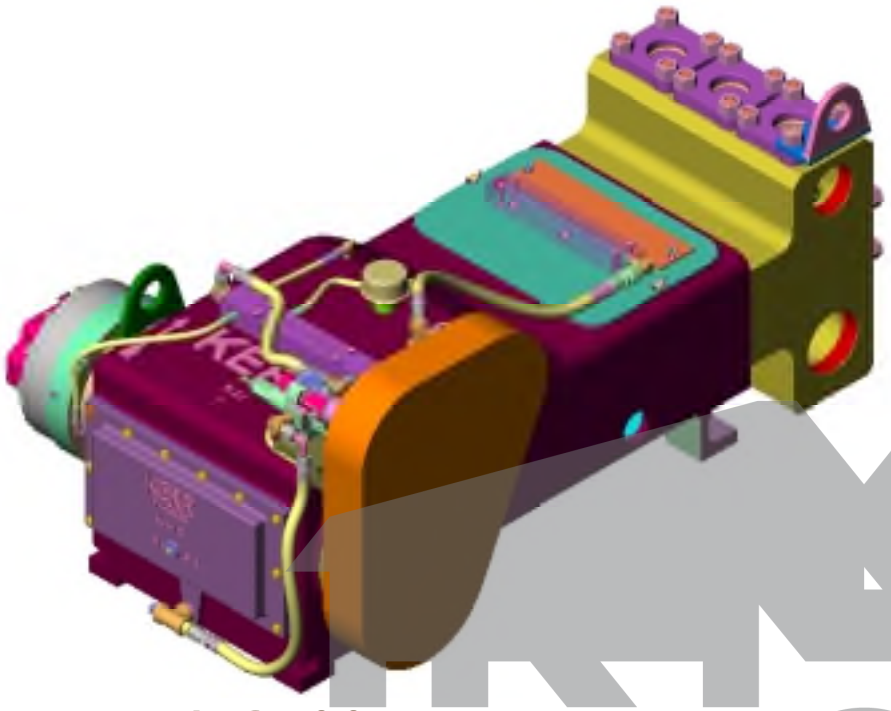


GENERAL DIMENSIONS KT-3400HDPT



GENERAL DIMENSIONS FOR KT-3400GRPT

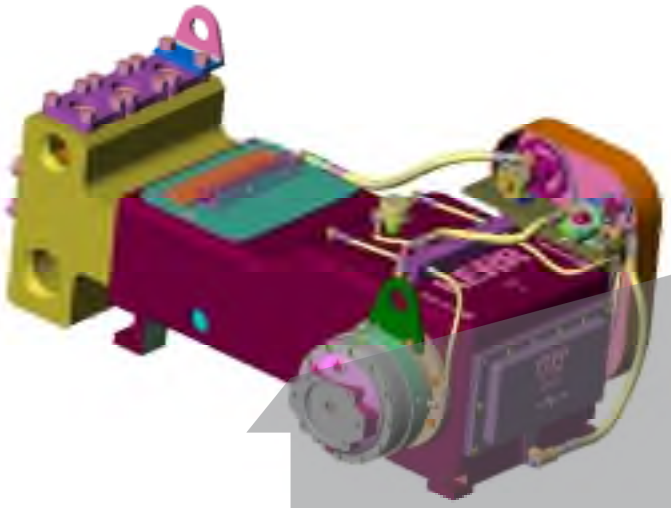
KA-3500PT SERIES PUMP



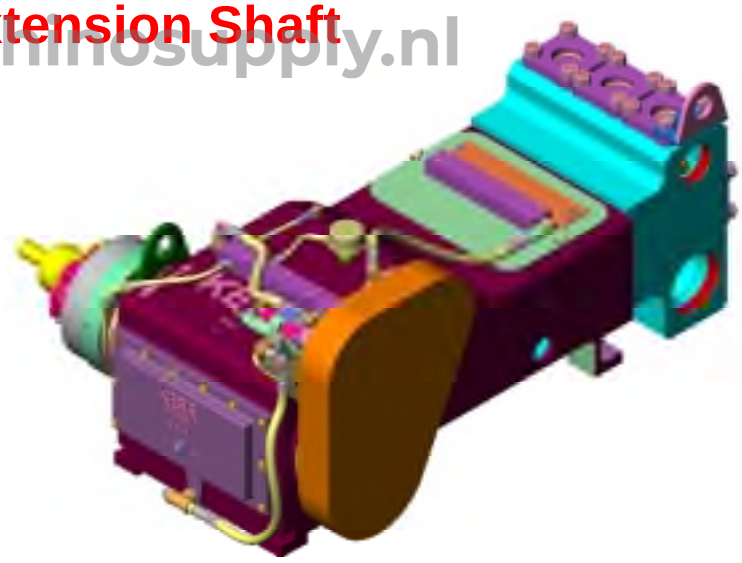
KA-3500PT

Fluid Ends:Aluminum Bronze, Ductile Iron, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers

KA-3500PT SERIES PUMP DRIVE OPTIONS

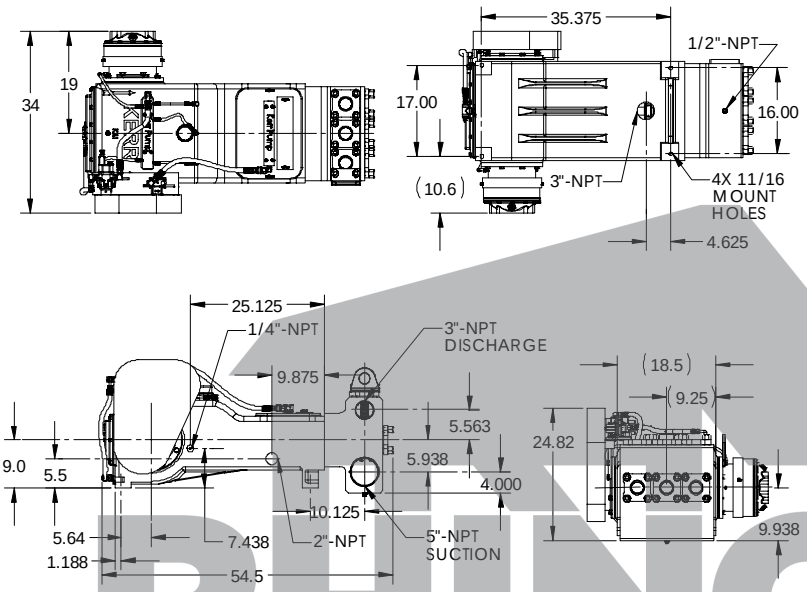


- Left Hand Drive
- Right Hand Drive
- Hydraulic Drive
- Planetary Gear Reducer
  --with Extension Shaft
  --without Extension Shaft



Kerr Pumps

Kerr KA-3500PT-3500



GENERAL DIMENSIONS FOR KA-3500PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 5.000"

Crankshaft: Extension or Splined for Hydraulic Drive

Oil Capacity: 24 Quarts or 22.71 Liters

Pump Weight: 1900 Pounds

Connections:
5" FNPT (Suction)
3" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

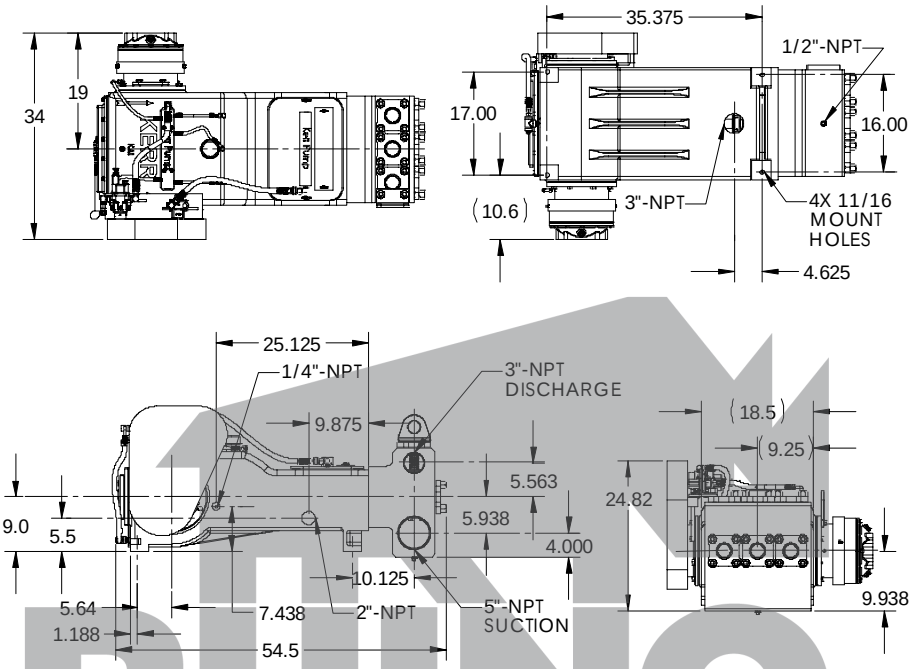
Triplex Design
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Optional Splined Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New, Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		375 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.500"	1000	0.6247	62	2143	94	3214	125	4286	156	5357	187	6429	234	8036	250	8571	281	9643	312	10714
Max. Brake Horsepower Required			40		61		81		101		121		152		162		182		202	

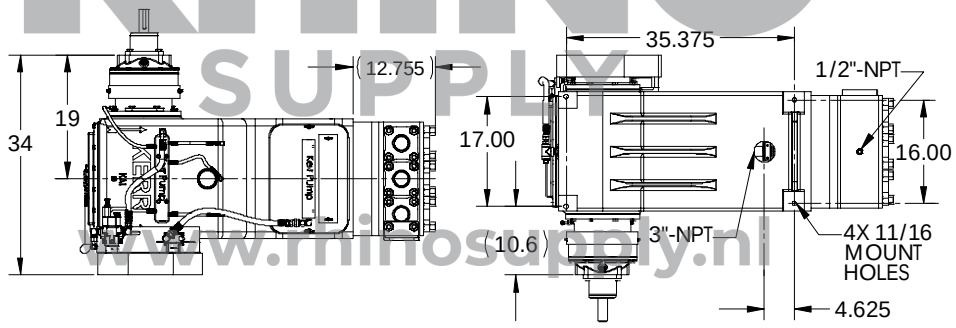
Technical Notes:

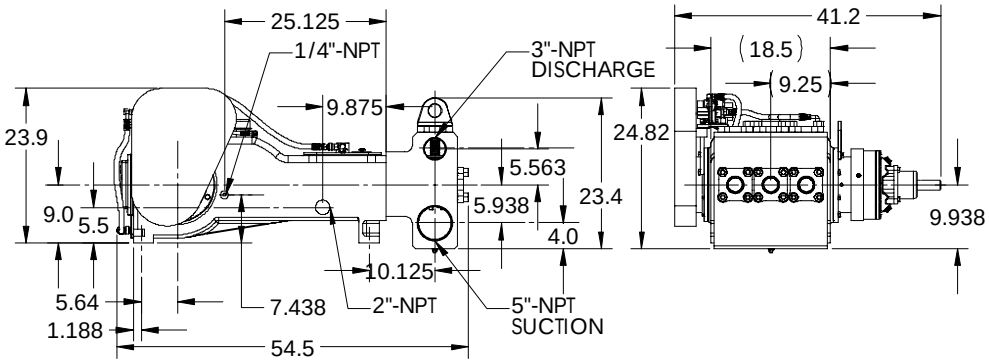
1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

General Dimensions KA-3500PT Series Pump with Drive Options



GENERAL DIMENSIONS FOR KA-3500HDPT

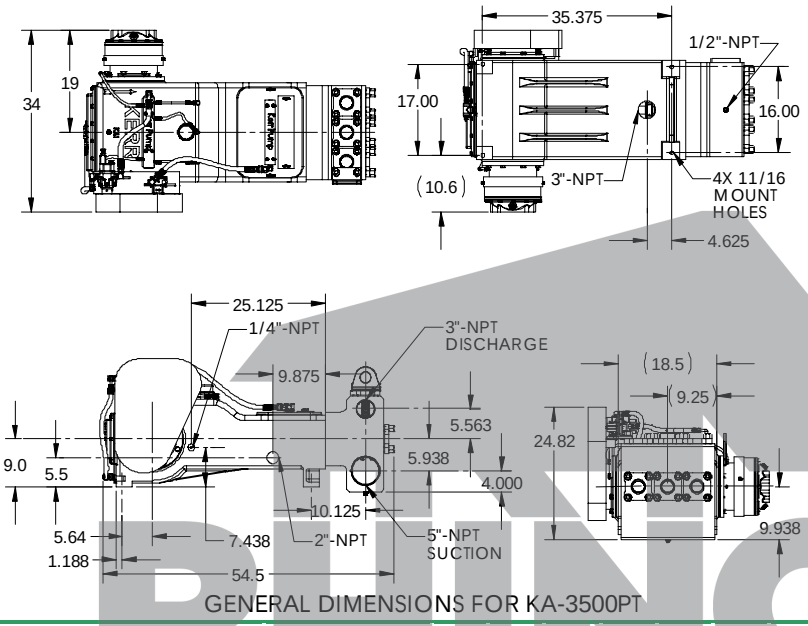




GENERAL DIMENSIONS FOR KA-3500GRPT

Kerr Pumps

Kerr KA-3500PT-4000



GENERAL DIMENSIONS FOR KA-3500PT

SPECIFICATIONS

No. of Pistons: 3

Stroke Length: 5.000"

Crankshaft: Extension or
Splined for
Hydraulic Drive

Oil Capacity: 24 Quarts or
22.71 Liters
Lubrication
Gear Oil
EP 70-90
Mineral or Synthetic

Pump Weight: 1900 Pounds

Connections:
5" FNPT (Suction)
3" FNPT(Dischrg)

Std Material for Fluid End:
Ductile Iron

FEATURES

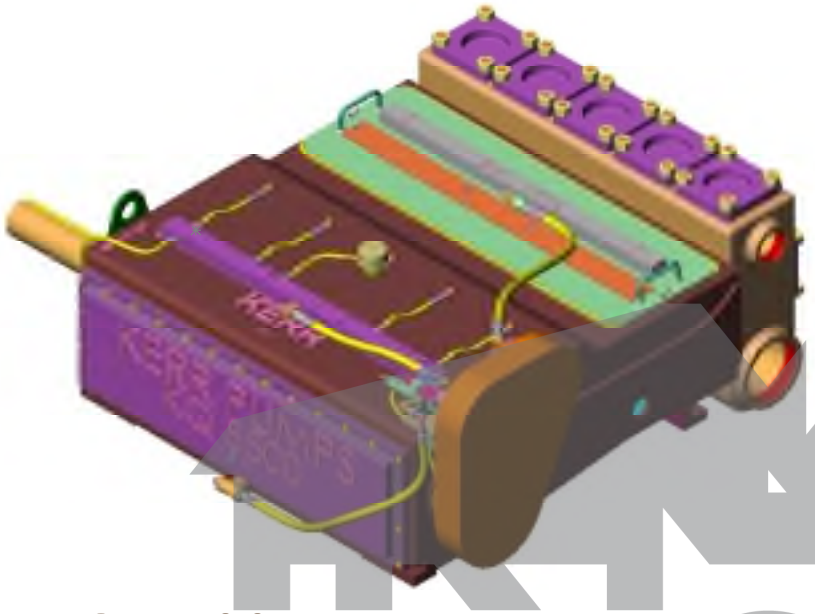
Triplex Design
Heat Treated and Stress Relieved Crankshaft
Optional 8 Point Pressurized Crankcase Lubrication System
Optional Splined Crankshaft Designed to Bolt to Existing Hydraulic Drive
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New, Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		375 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
4.000"	1000	0.8160	82	2799	122	4198	163	5598	204	6997	245	8397	306	10496	326	11196	367	12595	408	13994
Max. Brake Horsepower Required			53		79		106		132		159		198		212		238		264	

Technical Notes:

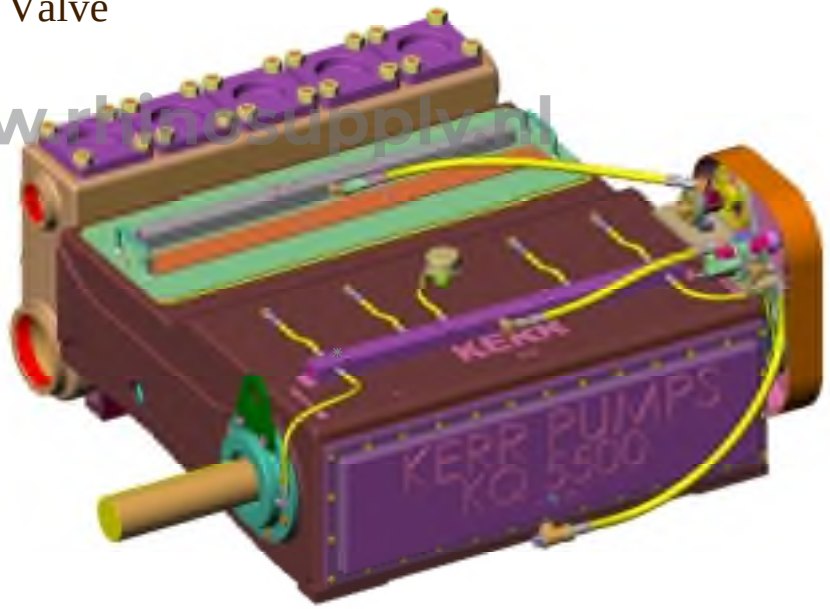
1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

KQ-5500PT SERIES PUMP



KQ-5500PT

Fluid Ends:Aluminum Bronze, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers



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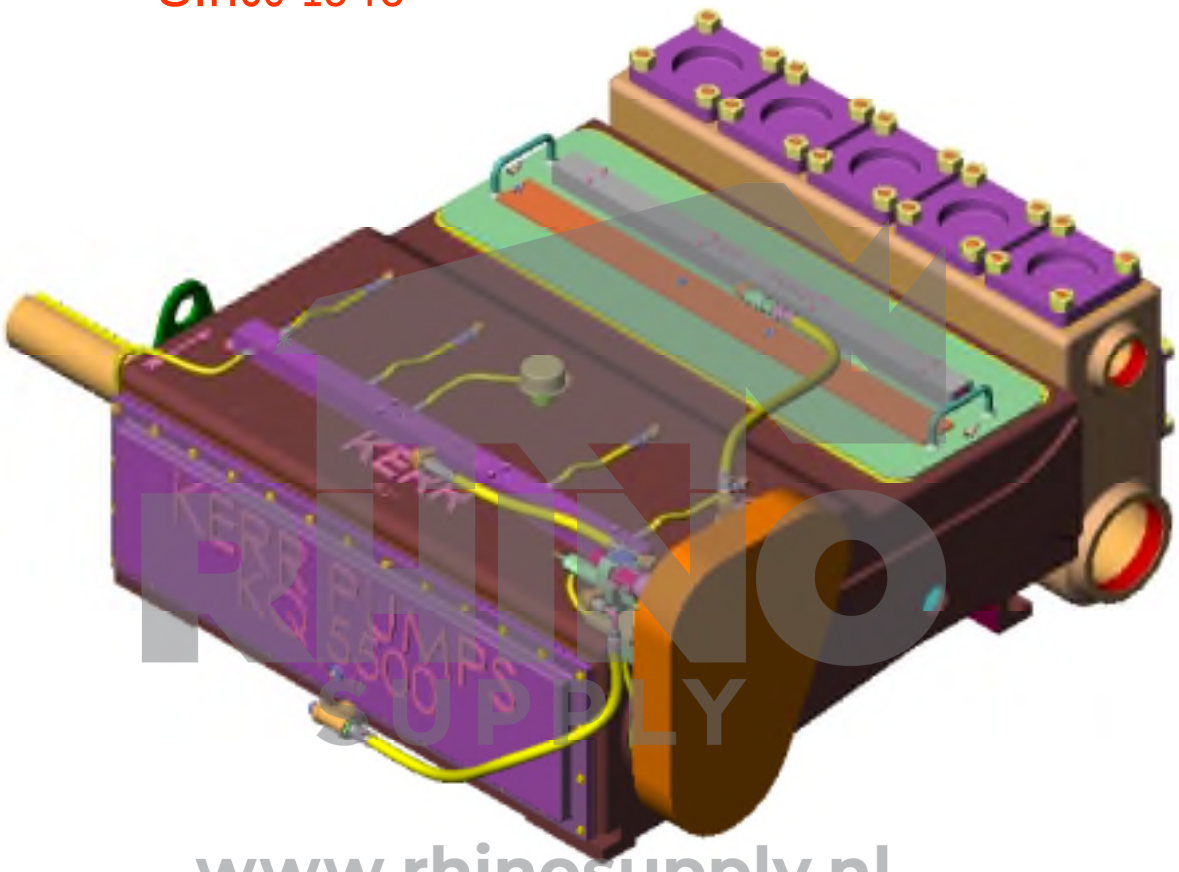
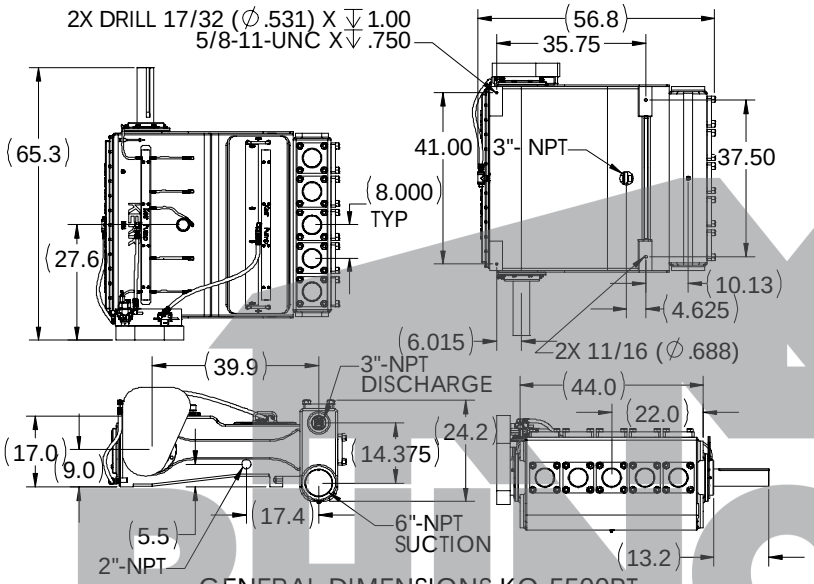


KQ-5500PT

Fluid Ends:Aluminum Bronze, Steel, Stainless Steel. Side Ports Threaded, Bolted Valve Covers. Right or Left Hand Side.

Kerr Pumps

Kerr KQ-5500PT-3000



GENERAL DIMENSIONS KQ-5500PT

SPECIFICATIONS

No. of Pistons: 5

Stroke Length: 5.000"

Crankshaft: Extension
Extension Dia. 4"
Keyway 1" x 1/2"

Oil Capacity: 12 Gallons or 45.425 Liters

Pump Weight: 5000 Pounds

Connections:
6" FNPT (Suction)
3" FNPT (Discharge)

Std Material for Fluid End:
Aluminum Bronze
Forged Steel
Forged Stainless Steel

FEATURES

Quintuplex Design
Optional 12 Point Pressurized Crankcase Lubrication System
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New, Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

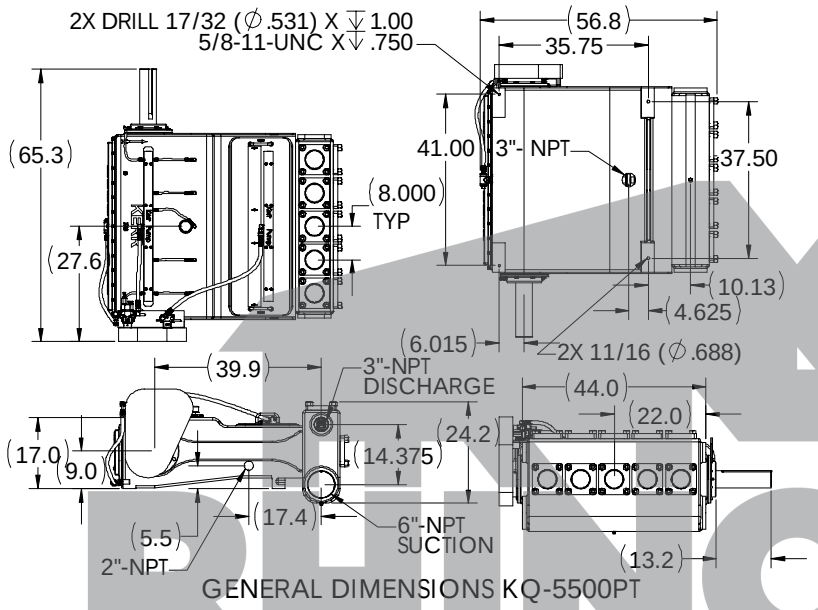
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		310 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.000"	1000	0.7650	77	2624	115	3936	153	5248	191	6560	237	8135	268	9184	306	10496	344	11808	383	13120
Max. Brake Horsepower Required			50		74		99		124		154		174		198		223		248	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KQ-5500PT-3500



GENERAL DIMENSIONS KQ-5500PT

SPECIFICATIONS

No. of Pistons: 5

Stroke Length: 5.000"

Crankshaft: Extension
Extension Dia. 4"
Keyway 1" x 1/2"

Oil Capacity: 12 Gallons or
45.425 Liters

Pump Weight: 5000 Pounds

Connections:
6" FNPT (Suction)
3" FNPT (Discharge)

Std Material for Fluid End:
Aluminum Bronze
Forged Steel
Forged Stainless Steel

FEATURES

Quintuplex Design
Optional 12 Point Pressurized Crankcase Lubrication System
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New, Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

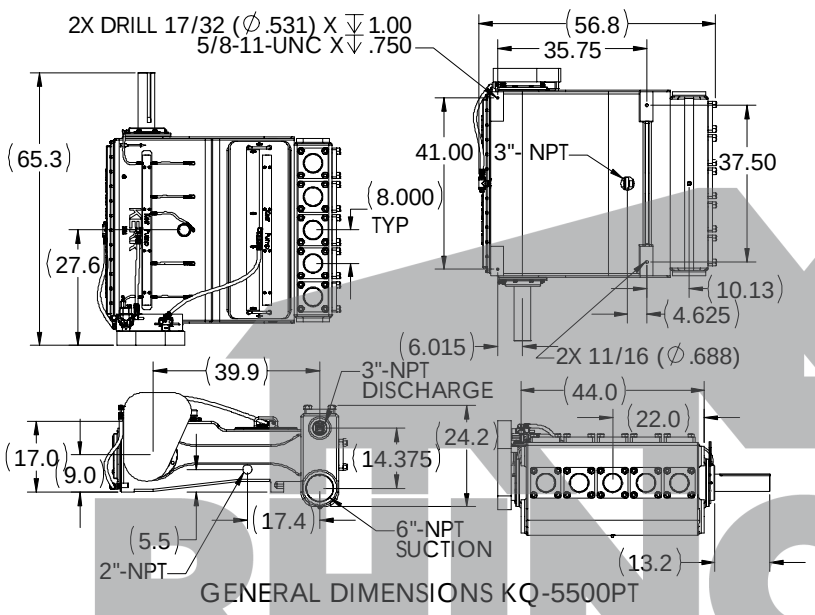
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT 100 RPM		150 RPM		200 RPM		250 RPM		310 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
3.500"	1000	1.0412	104	3571	156	5357	208	7143	260	8929	323	11071	364	12500	416	14286	469	16071	521	17857
Max. Brake Horsepower Required			67		101		135		169		209		236		270		304		337	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KQ-5500PT-4000



GENERAL DIMENSIONS KQ-5500PT

SPECIFICATIONS

No. of Pistons: 5

Stroke Length: 5.000"

Crankshaft: Extension
Extension Dia. 4"
Keyway 1" x 1/2"

Oil Capacity: 12 Gallons or
45.425 Liters

Pump Weight: 5000 Pounds

Connections:
6" FNPT (Suction)
3" FNPT (Discharge)

Std Material for Fluid End:
Aluminum Bronze
Forged Steel
Forged Stainless Steel

FEATURES

Quintuplex Design

Optional 12 Point Pressurized Crankcase Lubrication System

High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)

High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings

Optional Cooling System Engineered to Extend the Life of the Pistons and Liners

New, Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

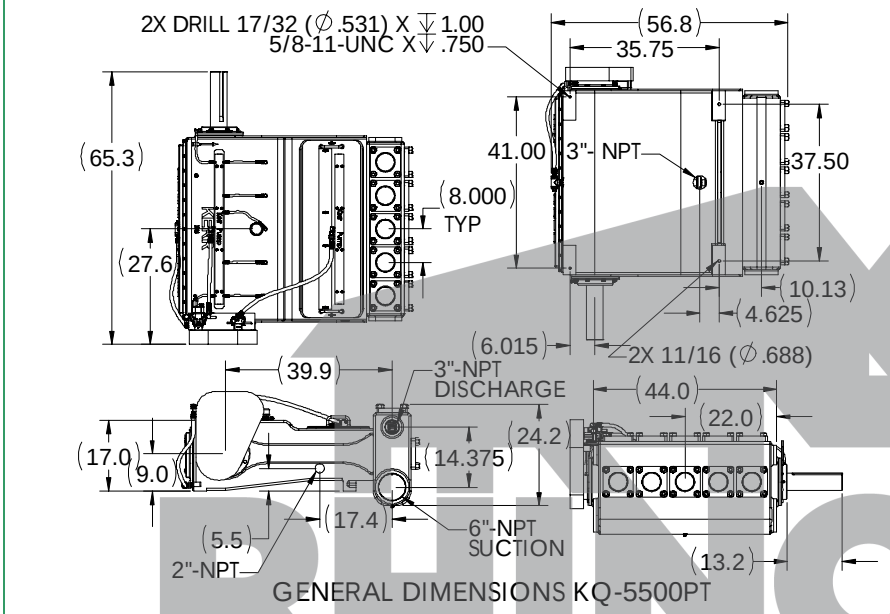
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		310 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
4.000"	1000	1.3600	136	4665	204	6997	272	9329	340	11662	422	14460	476	16326	544	18659	612	20991	680	23323
Max. Brake Horsepower Required			88		132		176		220		273		309		353		397		441	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KQ-5500PT-4500



GENERAL DIMENSIONS KQ-5500PT

SPECIFICATIONS

No. of Pistons: 5

Stroke Length: 5.000"

Crankshaft: Extension
Extension Dia. 4"
Keyway 1" x 1/2"

Oil Capacity: 12 Gallons or
45.425 Liters

Pump Weight: 5000 Pounds

Connections:
6" FNPT (Suction)
3" FNPT (Discharge)

Std Material for Fluid End:
Aluminum Bronze
Forged Steel
Forged Stainless Steel

FEATURES

Quintuplex Design
Optional 12 Point Pressurized Crankcase Lubrication System
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
Optional Cooling System Engineered to Extend the Life of the Pistons and Liners
New, Longer Life, Heat Treated and Hardened Polyurethane Inserted Valves and Seats

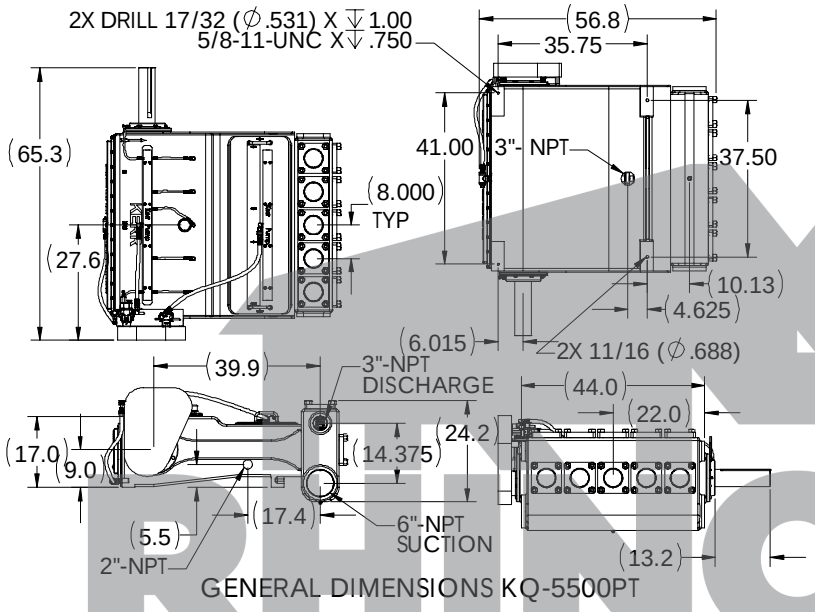
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		310 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
4.500"	1000	1.7212	172	5904	258	8856	344	11808	430	14759	534	18302	602	20663	688	23615	775	26567	861	29519
Max. Brake Horsepower Required			112		167		223		279		346		391		446		502		558	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KQ-5500PT-5000



GENERAL DIMENSIONS KQ-5500PT

SPECIFICATIONS

No. of Pistons: 5

Stroke Length: 5.000"

Crankshaft: Extension
Extension Dia. 4"
Keyway 1" x 1/2"
Oil Capacity: 12 Gallons or
45.425 Liters
Pump Weight: 5000 Pounds

Connections:
6" FNPT (Suction)
3" FNPT (Discharge)

Std Material for Fluid End:
Aluminum Bronze
Forged Steel
Forged Stainless Steel

FEATURES

Quintuplex Design
Optional 12 Point Pressurized Crankcase Lubrication System
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
High Strength, Heat Treated Connecting Rods with Replaceable Rod Bearings
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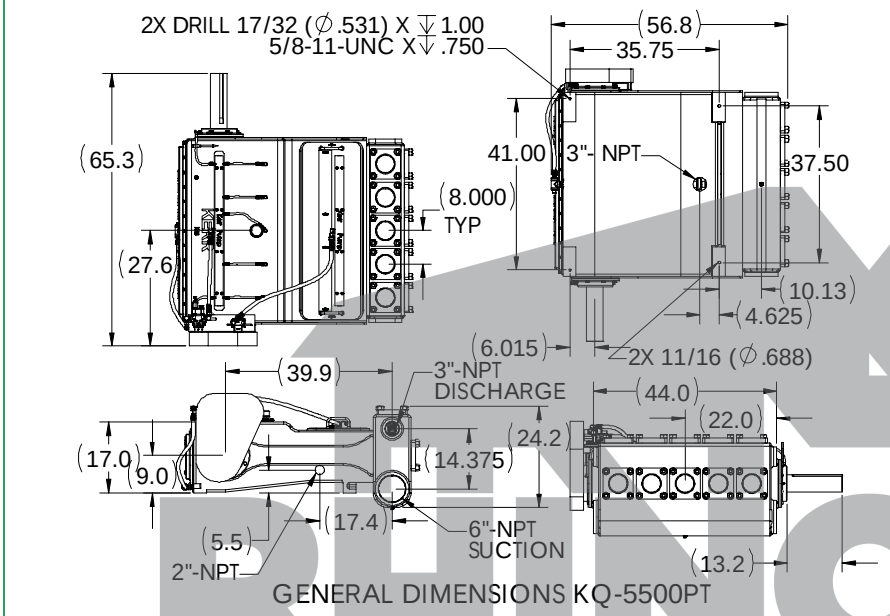
Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		310 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
5.000"	1000	2.1250	213	7289	319	10933	425	14578	531	18222	659	22595	744	25511	850	29155	956	32799	1063	36444
Max. Brake Horsepower Required			138		207		276		344		427		482		551		620		689	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.

Kerr Pumps

Kerr KQ-5500PT-5500



GENERAL DIMENSIONS KQ-5500PT

SPECIFICATIONS

No. of Pistons: 5

Stroke Length: 5.000"

Crankshaft: Extension
Extension Dia. 4"
Keyway 1" x 1/2"

Oil Capacity: 12 Gallons or
45.425 Liters

Pump Weight: 5000 Pounds

Connections:
6" FNPT (Suction)
3" FNPT (Discharge)

Std Material for Fluid End:
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Forged Stainless Steel

FEATURES

Quintuplex Design
Optional 12 Point Pressurized Crankcase Lubrication System
High Speed, High Torque Tapered Roller Bearing (Continuous Duty Cycle)
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Piston DIA. INCHES	PSI	DISP GAL PER REV	DISPLACEMENT																	
			100 RPM		150 RPM		200 RPM		250 RPM		310 RPM		350 RPM		400 RPM		450 RPM		500 RPM	
			GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD
5.500"	1000	2.5712	257	8819	386	13229	514	17639	643	22048	797	27340	900	30867	1028	35277	1157	39687	1286	44096
Max. Brake Horsepower Required			167		250		333		417		517		583		667		750		833	

Technical Notes:

1 Volumes indicated are based on 100% Volumetric Efficiency.
2 Horsepower required based on 90% Mechanical Efficiency.
3 Ratings are nominal speeds and pressures. They may vary with Kerr Pumps' written approval.