

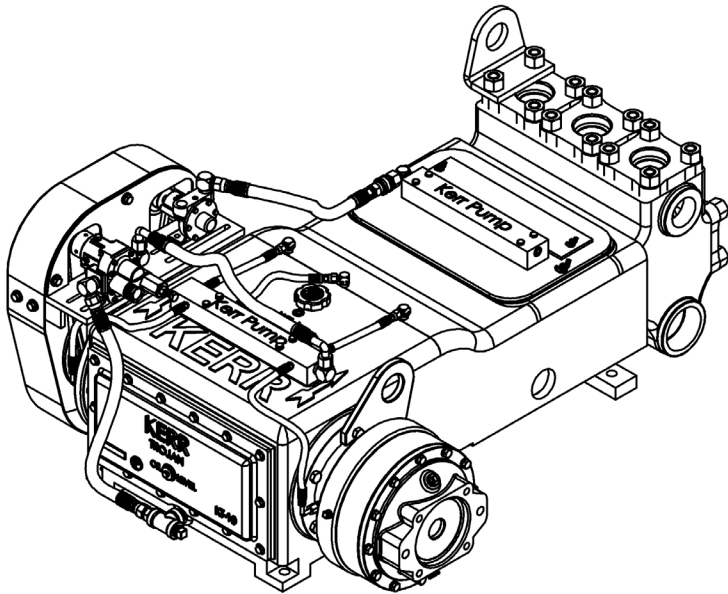
KERR

PUMPS

KT-3400PT

131 BHP Triplex Piston Pump

Intermittent Duty



KT-3400PT - RH

SPECIFICATIONS

| | |
|------------------------------------|--|
| Configuration | Horizontal Triplex Piston |
| Number of Pistons | 3 |
| Stroke Length | 4.000" / 101.6 mm |
| Frame Load Rating | 9,264 lbs |
| Fluid Cylinder Pressure Rating | 2,160 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 2" NPT Discharge |

FLUID END

| |
|--------------------------------------|
| Cast Ductile Iron |
| Other materials available on request |
| |
| |
| |
| |
| |

VALVES

| | |
|--------------------------------|--|
| WING GUIDED | |
| 17-4 HT / AR Urethane Inserted | |
| | |
| | |
| | |
| | |

PISTONS / LINERS

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

* 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

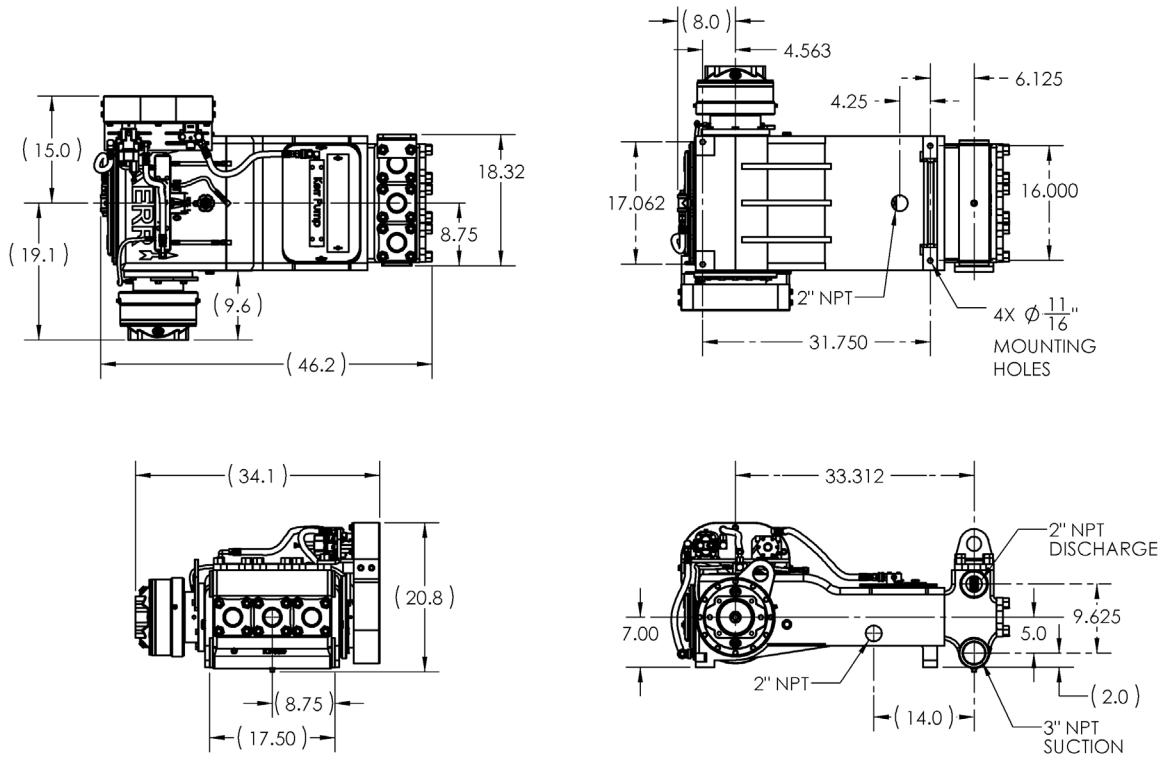
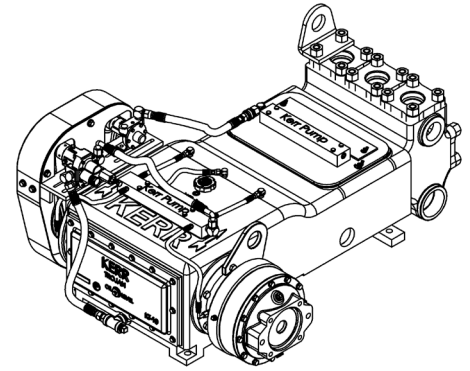
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| PIST DIA. INCHES | MAX PRESS PSI | DISP GAL PER REV | DISPLACEMENT | | | | | | | | | | | | | | | | | |
|---------------------|---------------------|---------------------|--------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
| | | | 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 |
| 3.000 | 1311 | 0.3672 | 36.7 | 1259 | 51.4 | 1763 | 66.1 | 2267 | 80.8 | 2771 | 95.5 | 3275 | 110.2 | 3778 | 124.8 | 4282 | 139.5 | 4786 | 154.2 | 5290 |
| 3.500 | 963 | 0.4998 | 50.0 | 1714 | 70.0 | 2400 | 90.0 | 3086 | 110.0 | 3771 | 129.9 | 4457 | 149.9 | 5143 | 169.9 | 5829 | 189.9 | 6514 | 209.9 | 7200 |
| 4.000 | 737 | 0.6528 | 65.3 | 2239 | 91.4 | 3135 | 117.5 | 4030 | 143.6 | 4926 | 169.7 | 5822 | 195.8 | 6717 | N/A | N/A | N/A | N/A | N/A | N/A |

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