

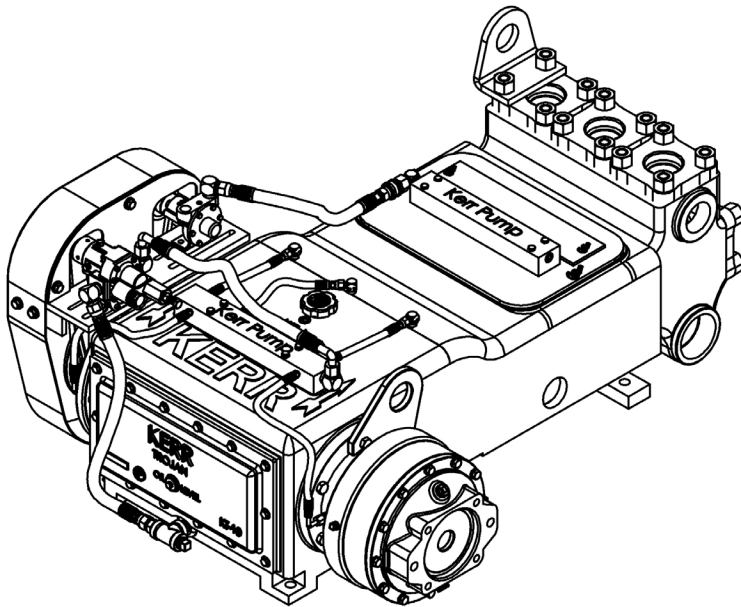
# KERR

## PUMPS

### KA-3500PT

172 BHP Triplex Piston Pump

Intermittent Duty



KT-3350PT - RH

### SPECIFICATIONS

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| Configuration                      | Horizontal Triplex Piston                                               |
| Number of Plungers                 | 3                                                                       |
| Stroke Length                      | 5" / 127 mm                                                             |
| Frame Load Rating                  | 10,603 lbs                                                              |
| Fluid Cylinder Pressure Rating     | 2,160 PSI                                                               |
| Pump Weight (Avg.)                 | 1,900 lbs / 864 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                  | 24 quarts / 22.75 liters                                                |
| Lube Oil Type                      | Pertroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100) |
| Connection Sizes                   | 5" NPT Suction<br>3" 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

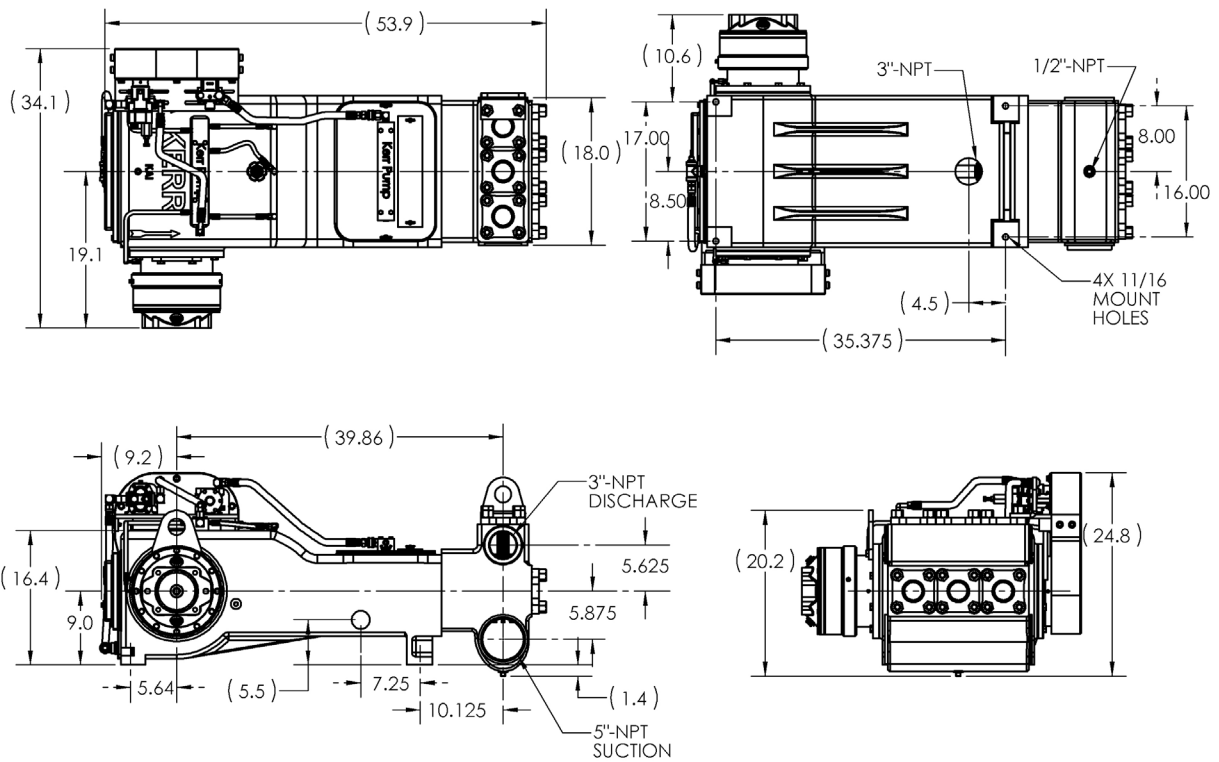
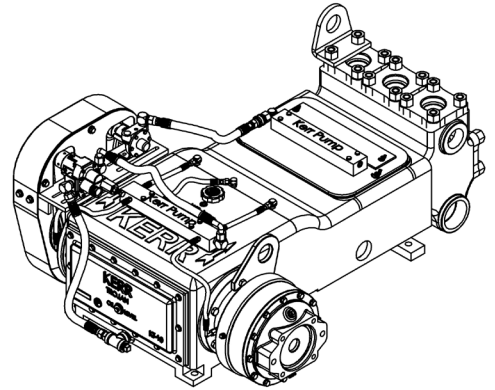
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| PIST DIA.<br>INCHES | MAX<br>PRESS<br>PSI | DISP GAL<br>PER REV | DISPLACEMENT |      |            |      |            |      |            |      |            |      |            |      |            |      |            |      |            |      |
|---------------------|---------------------|---------------------|--------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
|                     |                     |                     | 100<br>RPM   |      | 140<br>RPM |      | 175<br>RPM |      | 210<br>RPM |      | 245<br>RPM |      | 280<br>RPM |      | 315<br>RPM |      | 350<br>RPM |      | 385<br>RPM |      |
|                     |                     |                     | GPM          | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  |
| 3.000               | 1500                | 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               | 1102                | 0.6247              | 62.5         | 2143 | 87.5       | 3000 | 109.3      | 3750 | 131.2      | 4500 | 153        | 5250 | 175        | 6000 | 197        | 6750 | 219        | 7500 | N/A        | N/A  |
| 4.000               | 844                 | 0.8160              | 81.6         | 2799 | 114        | 3918 | 142.8      | 4898 | 171.4      | 5878 | 200        | 6857 | 228        | 7837 | N/A        | N/A  | N/A        | N/A  | N/A        | N/A  |

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