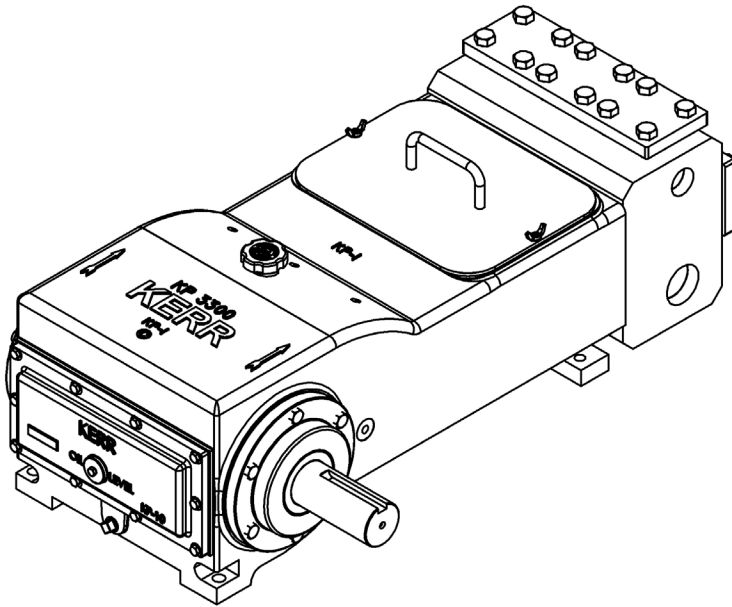




## KP-3300HP

76.4 BHP Triplex Plunger Pump

Intermittent Duty



KP-3300HP RH

## SPECIFICATIONS

|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| Configuration                      | Horizontal Triplex Plunger                                             |
| Number of Plungers                 | 3                                                                      |
| Stroke Length                      | 3" / 76.2 mm                                                           |
| Frame Load Rating                  | 6,438 lbs                                                              |
| Fluid Cylinder Pressure Rating     | 6,000 PSI                                                              |
| Pump Weight (Avg.)                 | 1,000 lbs / 455 kilos                                                  |
| Kerr Max Speed                     | 470 RPM                                                                |
| Minimum Speed                      | 100 RPM                                                                |
| Mechanical Efficiency (Bare Shaft) | 90%                                                                    |
| Lube System (Standard)             | Splash - Gravity Feed                                                  |
| Lube System (Optional)             | Force Feed                                                             |
| Lube Oil Capacity                  | 12 quarts / 11.36 liters                                               |
| Lube Oil Type                      | Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100) |
| Connection Sizes                   | 2" NPT Suction<br>1 1/4" 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

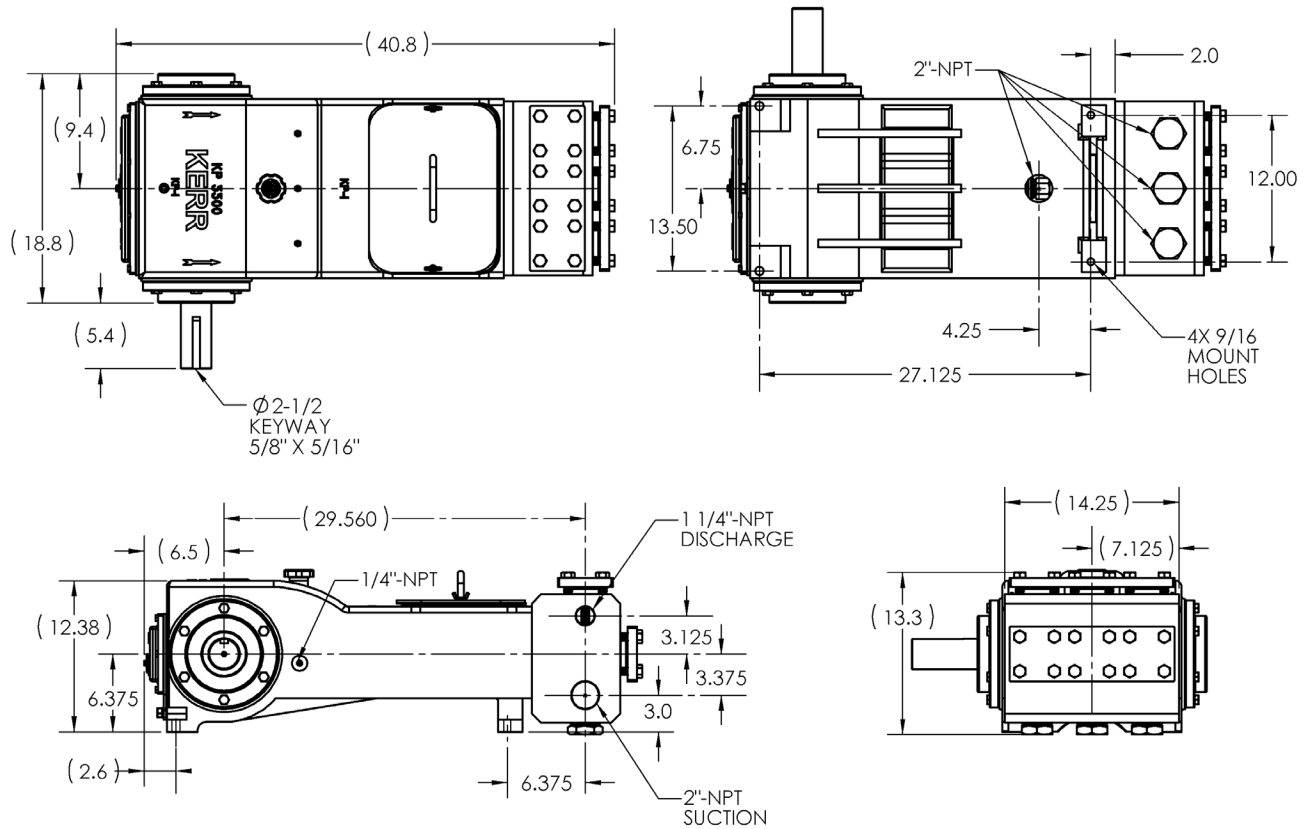
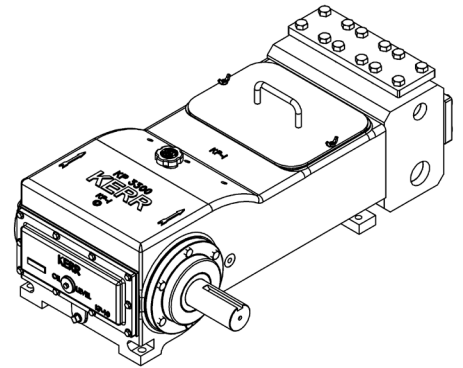
# KERR

## PUMPS

### KP-3300HP

76.4 BHP Triplex Plunger Pump

Intermittent Duty



| PLGR<br>DIA.<br>INCHES | MAX<br>PRESS<br>PSI | DISP GAL<br>PER REV | DISPLACEMENT |     |            |     |            |     |            |      |            |      |            |      |            |      |            |      |            |      |
|------------------------|---------------------|---------------------|--------------|-----|------------|-----|------------|-----|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|
|                        |                     |                     | 100<br>RPM   |     | 155<br>RPM |     | 200<br>RPM |     | 245<br>RPM |      | 290<br>RPM |      | 335<br>RPM |      | 380<br>RPM |      | 425<br>RPM |      | 470<br>RPM |      |
|                        |                     |                     | GPM          | BPD | GPM        | BPD | GPM        | BPD | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  | GPM        | BPD  |
| 1.250                  | 5246                | 0.0478              | 4.8          | 164 | 7.4        | 254 | 9.6        | 328 | 11.7       | 402  | 13.9       | 476  | 16.0       | 549  | 18.2       | 623  | 20.3       | 697  | 22.5       | 771  |
| 1.500                  | 3643                | 0.0688              | 6.9          | 236 | 10.7       | 366 | 13.8       | 472 | 16.9       | 579  | 20.0       | 685  | 23.1       | 791  | 26.2       | 897  | 29.3       | 1004 | 32.4       | 1110 |
| 1.750                  | 2676                | 0.0937              | 9.4          | 321 | 14.5       | 498 | 18.7       | 643 | 23.0       | 788  | 27.2       | 932  | 31.4       | 1077 | 35.6       | 1221 | 39.8       | 1366 | 44.0       | 1511 |
| 2.000                  | 2049                | 0.1224              | 12.2         | 420 | 19.0       | 651 | 24.5       | 840 | 30.0       | 1029 | 35.5       | 1218 | 41.0       | 1406 | 46.5       | 1595 | 52.0       | 1784 | 57.5       | 1973 |

\* 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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