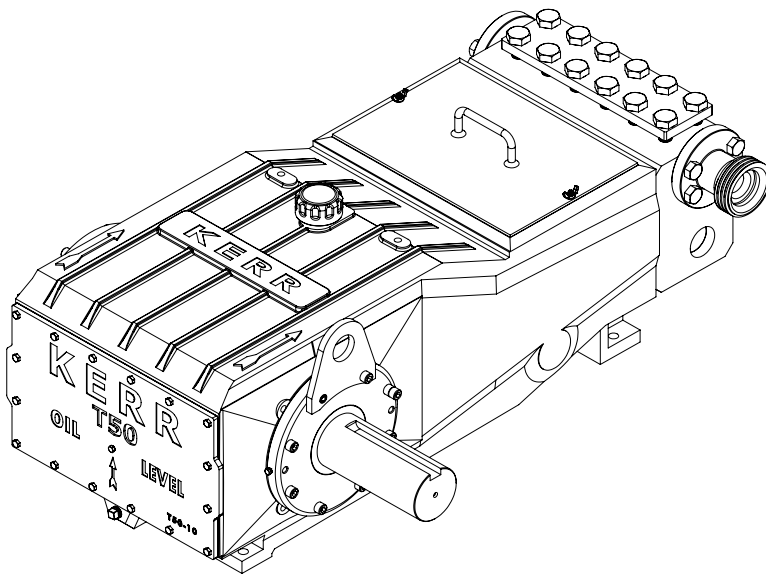




## T50XP

202 BHP Triplex Plunger Pump

Intermittent Duty



## SPECIFICATIONS

|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| Configuration                      | Horizontal Triplex Plunger                                             |
| Number of Plungers                 | 3                                                                      |
| Stroke Length                      | 5.000" / 127 mm                                                        |
| Frame Load Rating                  | 12,454 lbs                                                             |
| Fluid Cylinder Pressure Rating     | 6,000 PSI                                                              |
| Pump Weight (Avg.)                 | 2050 lbs / 932 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                  | 44 quarts / 41.6 liters                                                |
| Lube Oil Type                      | Petroleum per AGMA 5EP (ISO 220) or Synthetic per SAE 75W-90 (ISO 100) |
| Connection Sizes                   | 2" NPT Suction<br>2" 1502 Half Union 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

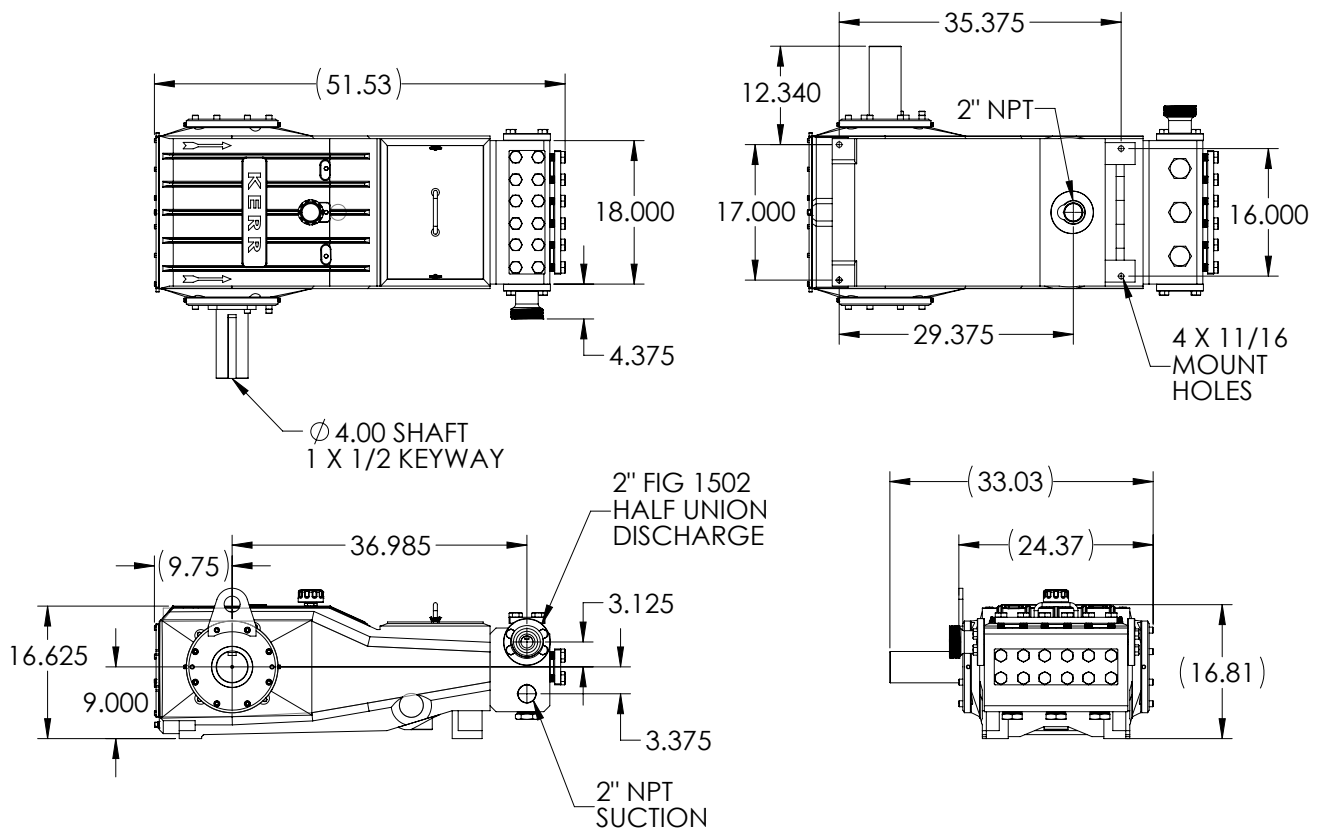
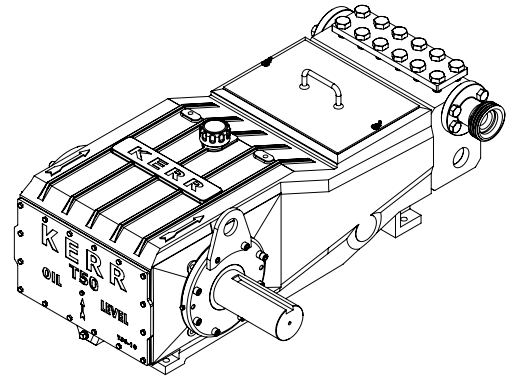
# KERR

## PUMPS

### T50XP

202 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   |     | 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  |
| 1.500                  | 6000                | 0.1147              | 11.5         | 394 | 16.1       | 551 | 20.1       | 689  | 24.1       | 827  | 28.1       | 964  | 32.1       | 1102 | 36.1       | 1240 | 40.2       | 1378 | 44.2       | 1515 |
| 1.750                  | 5178                | 0.1562              | 15.6         | 536 | 21.9       | 750 | 27.3       | 938  | 32.8       | 1125 | 38.3       | 1313 | 43.7       | 1500 | 49.2       | 1688 | 54.7       | 1875 | 60.1       | 2063 |
| 2.000                  | 3964                | 0.2040              | 20.4         | 700 | 28.6       | 980 | 35.7       | 1225 | 42.8       | 1469 | 50.0       | 1714 | 57.1       | 1959 | 64.3       | 2204 | 71.4       | 2449 | N / A      |      |

\* 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