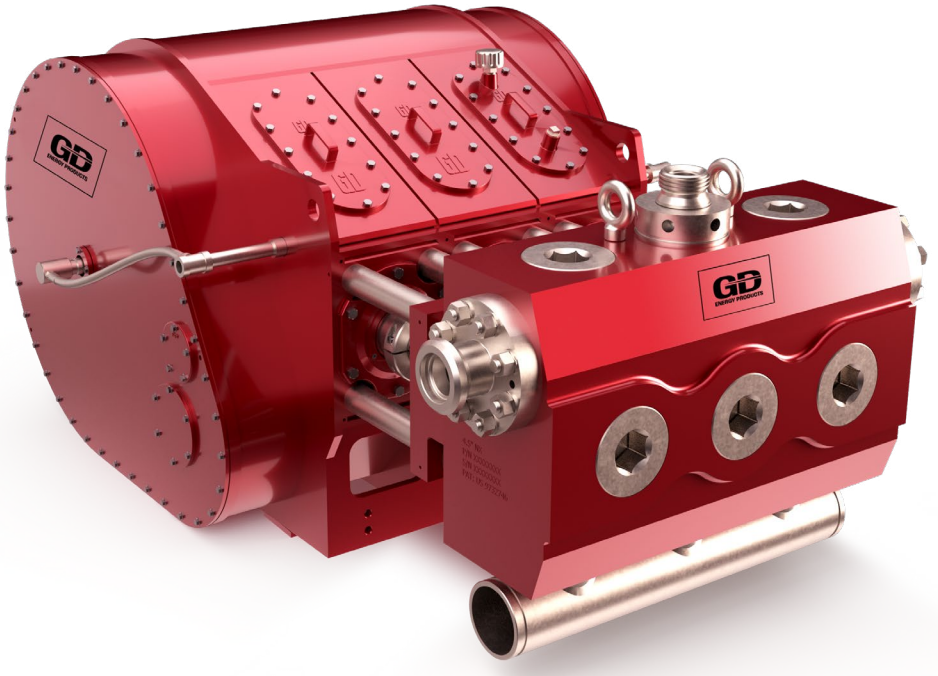
PUMPS

# GD 2250T

## CONTINUOUS DUTY PUMP

The GD 2250T is designed with an exceptional high rod load for 1125BHP continuos duty service. Robust design and the industry's best fluid end technology, make the GD 2250T the preferred pump for oil & gas, mining, industrial and other demanding appilcations.



## SPECIFICATIONS

| | |
|---|---|
| Maximum Input | 1125 BHP |
| Maximum RPM | 200 RPM |
| No. of Plungers | 3 |
| Stroke Length | 8 in. (203 mm) |
| Plunger Load | 118,750 lbs. (528,226 N) |
| Pump Weight | 15,555 lbs (7,030 kg) |
| Gear Ratio | 6.353:1 |

| PLUNGER DIAMETER | | DISPLACEMENT PER REVOLUTION | | DISPLACEMENT AND PRESSURE AT PUMP CRANK RPM - CONTINUOUS APPLICATION | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 50 | | | | 75 | | | | 100 | | | | 125 | | | | 150 | | | | 200 | | | |
| in. | mm. | Gal/ Rev. | Liter/ Rev. | GPM | LPM | PSI | KG/Sq. CM | GPM | LPM | PSI | KG/Sq. CM | GPM | LPM | PSI | KG/Sq. CM | GPM | LPM | PSI | KG/Sq. CM | GPM | LPM | PSI | KG/Sq. CM | GPM | LPM | PSI | KG/Sq. CM |
| Forged Carbon and Stainless Steel Autofrettaged Fluid Ends | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 76 | 0.73 | 2.78 | 37 | 139 | 16804 | 1181 | 55 | 208 | 16804 | 1181 | 73 | 278 | 16804 | 1181 | 92 | 347 | 16804 | 1181 | 110 | 417 | 15754 | 1107 | 147 | 556 | 11815 | 831 |
| 3.75 | 95 | 1.15 | 4.34 | 57 | 217 | 10755 | 756 | 86 | 326 | 10755 | 756 | 115 | 434 | 10755 | 756 | 143 | 543 | 10755 | 756 | 172 | 651 | 10082 | 709 | 229 | 869 | 7562 | 532 |
| 4 | 102 | 1.31 | 4.94 | 65 | 247 | 9452 | 664 | 98 | 371 | 9452 | 664 | 131 | 494 | 9452 | 664 | 163 | 618 | 9452 | 664 | 196 | 741 | 8861 | 623 | 261 | 988 | 6646 | 467 |
| 4.5 | 114 | 1.65 | 6.25 | 83 | 313 | 7468 | 525 | 124 | 469 | 7468 | 525 | 165 | 625 | 7468 | 525 | 207 | 782 | 7468 | 525 | 248 | 938 | 7002 | 492 | 330 | 1251 | 5251 | 369 |
| 5 | 127 | 2.04 | 7.72 | 102 | 386 | 6049 | 425 | 153 | 579 | 6049 | 425 | 204 | 772 | 6049 | 425 | 255 | 965 | 6049 | 425 | 306 | 1158 | 5671 | 399 | 408 | 1544 | 4254 | 299 |
| 5.5 | 140 | 2.47 | 9.34 | 123 | 467 | 5000 | 351 | 185 | 701 | 5000 | 351 | 247 | 934 | 5000 | 351 | 309 | 1168 | 5000 | 351 | 370 | 1401 | 4687 | 329 | 494 | 1869 | 3515 | 247 |
| 6 | 152 | 2.94 | 11.12 | 147 | 556 | 4201 | 295 | 220 | 834 | 4201 | 295 | 294 | 1112 | 4201 | 295 | 367 | 1390 | 4201 | 295 | 441 | 1668 | 3938 | 277 | 588 | 2224 | 2954 | 208 |
| 6.5 | 165 | 3.45 | 13.05 | 172 | 652 | 3580 | 252 | 259 | 979 | 3580 | 252 | 345 | 1305 | 3580 | 252 | 431 | 1631 | 3580 | 252 | 517 | 1957 | 3356 | 236 | 690 | 2610 | 2517 | 177 |
| 6.75 | 171 | 3.72 | 14.07 | 186 | 704 | 3319 | 233 | 279 | 1055 | 3319 | 233 | 372 | 1407 | 3319 | 233 | 465 | 1759 | 3319 | 233 | 558 | 2111 | 3112 | 219 | 744 | 2814 | 2334 | 164 |
| 7.5 | 191 | 4.59 | 17.37 | 229 | 869 | 2689 | 189 | 344 | 1303 | 2689 | 189 | 459 | 1737 | 2689 | 189 | 574 | 2172 | 2689 | 189 | 688 | 2606 | 2521 | 177 | 918 | 3475 | 1890 | 133 |
| INPUT POWER | | | BHP kW | 400 298 | | | | 600 447 | | | | 800 597 | | | | 1000 746 | | | | 1125 839 | | | | 1125 839 | | | |
| STROKE | | | | in. 8 | mm. 203 | CYLINDERS: | | 3 | ROD LOAD: | | lbs. 118,750 | kg. 53,865 | | GEAR BOX RATIO: | | 6.353:1 | | Note: Alternate Material Fluid Cylinders May Not Perform at These Pressure Levels | | | | | | | |

*Contact GD Energy Products engineering for application review and approval

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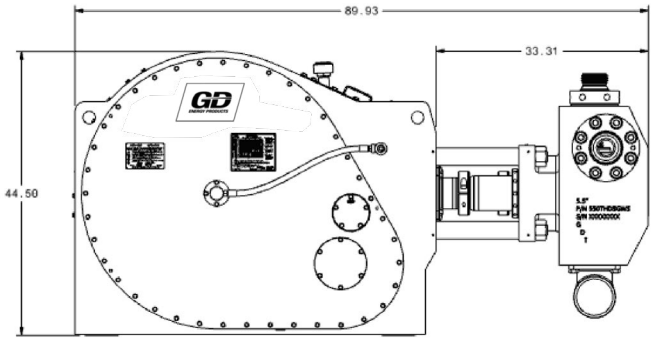
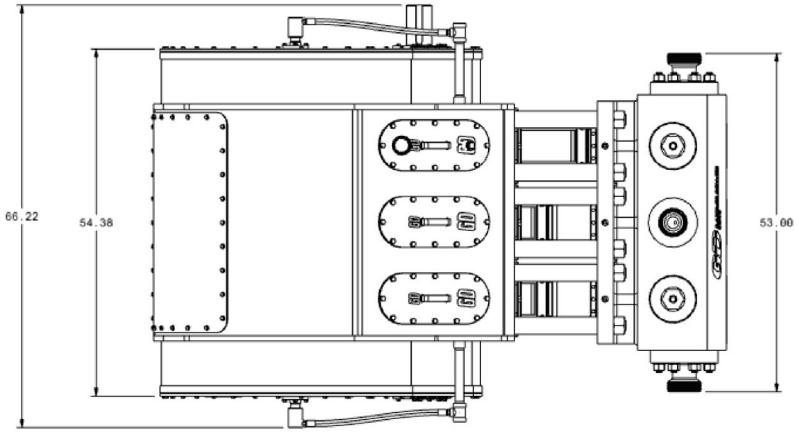
## CONTINUOUS DUTY PUMP

## SPECIFICATIONS




NOTE: Installation drawing shown with Next Generation fluid end geometry. Additional drawings are available from engineering per application.

## STANDARD FEATURES

- Next Generation fluid-end geometry allows back-to-back fitment and extends life; includes the patented Falcon Retainer System and interchangeable covers
- Upgraded internal components and seal housing prevent contamination
- Featuring GD Energy Products' industry leading Redline packing, valves, seats, and plungers for extended maintenance intervals
- Fluid ends available in specially formulated Stainless Steel, or standard high grade Carbon Steel
- Thunder coated bearings extend power end life
- Fabricated power frame weldment with integrated crankcase and crosshead slides
- Parallel shaft gearbox with left or right side mounting positions
- Multiple gearbox input pinion positions
- Forged, heat treated alloy steel crankshaft
- Cross drilled crankshaft and connecting rod for pressurized oil flow to critical components
- Replaceable crosshead slides
- Forged SAE 4330 autofrettaged fluid end for extended field service
- Through stud fluid end design for maintenance and removal ease
- Replaceable stuffing boxes allowing convenient plunger size conversion
- Suction manifold with victaulic connections

## OPTIONAL FEATURES

- DNV, ABS, PED or other third party certifications
- Spined flange for gear reducer
- Various plunger packing styles
- Additional center gauge connection
- Hydraulic torque wrench for fluid end removal
- Multiple suction manifold configurations including valve lifter options to drain chambers