

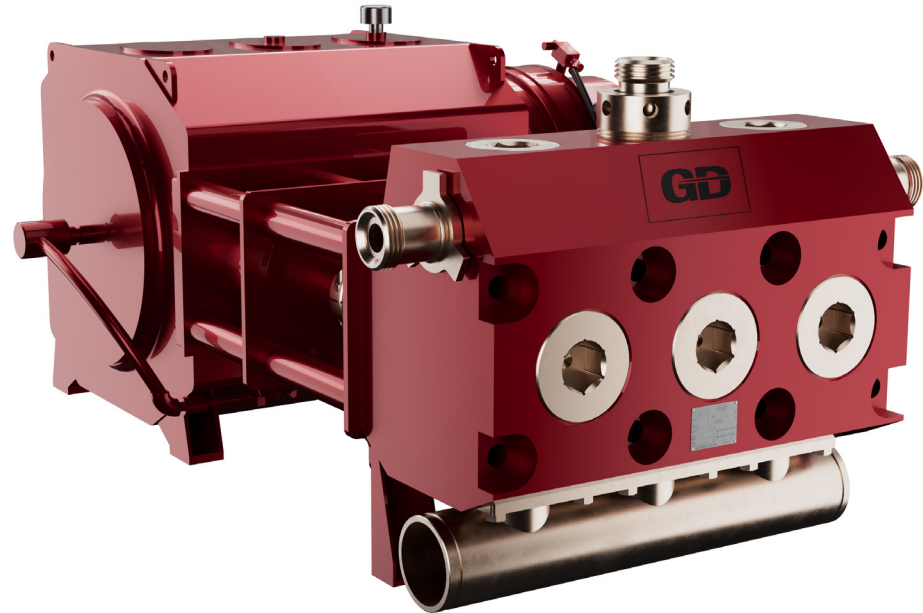
# PUMPS



## GD 1250-LW WELL SERVICE PUMP

### SPECIFICATIONS

|               |                    |
|---------------|--------------------|
| Maximum Input | 1250 BHP (912 kW)  |
| Maximum RPM   | 330 RPM            |
| Maximum Flow  | 1140 GPM           |
| Stroke Length | 8 in (203 mm)      |
| Rod Load      | 200,000 lbs (kg)   |
| Pump Weight   | 8550 lbs (3878 kg) |
| Gear Ratio    | 9:1                |



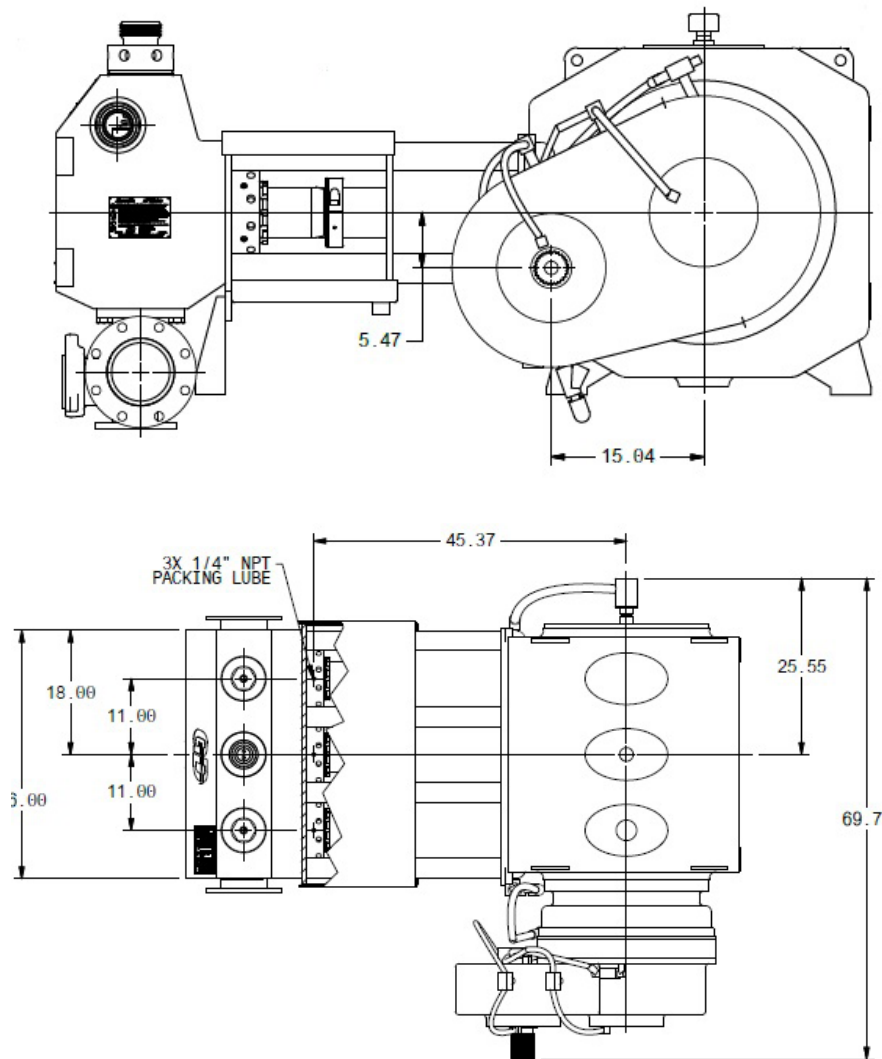
| PLUNGER DIAMETER |     | DISPLACEMENT PER REVOLUTION |            | DISPLACEMENT AT PUMP RPM - WELL STIMULATION APPLICATION |      |       |           |     |      |       |           |     |      |      |           |      |      |      |           |
|------------------|-----|-----------------------------|------------|---------------------------------------------------------|------|-------|-----------|-----|------|-------|-----------|-----|------|------|-----------|------|------|------|-----------|
|                  |     |                             |            | 100                                                     |      |       |           | 150 |      |       |           | 200 |      |      |           | 330  |      |      |           |
| 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 |
| 3.75             | 95  | 1.15                        | 4.32       | 115                                                     | 432  | 16804 | 1166      | 172 | 648  | 11203 | 777       | 229 | 863  | 8402 | 583       | 379  | 1425 | 5092 | 353       |
| 4.5              | 114 | 1.65                        | 6.22       | 165                                                     | 622  | 11669 | 810       | 248 | 932  | 7780  | 540       | 330 | 1243 | 5835 | 405       | 545  | 2051 | 3536 | 245       |
| 5                | 127 | 2.04                        | 7.71       | 204                                                     | 771  | 9452  | 652       | 306 | 1157 | 6301  | 435       | 408 | 1548 | 4726 | 326       | 673  | 2546 | 2864 | 198       |
| 5.5              | 140 | 2.47                        | 9.37       | 247                                                     | 937  | 7812  | 537       | 370 | 1406 | 5208  | 358       | 494 | 1875 | 3906 | 268       | 815  | 3094 | 2367 | 163       |
| 6                | 152 | 2.94                        | 11.05      | 294                                                     | 1105 | 6564  | 455       | 441 | 1658 | 4376  | 304       | 588 | 2210 | 3282 | 228       | 969  | 3647 | 1989 | 138       |
| 6.5              | 165 | 3.45                        | 13.02      | 345                                                     | 1302 | 5593  | 386       | 517 | 1953 | 3729  | 258       | 690 | 2604 | 2797 | 193       | 1138 | 4297 | 1695 | 117       |

Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency

# GD 1250-LW

## WELL SERVICE PUMP

### SPECIFICATIONS



### STANDARD FEATURES

- Suction and/or discharge dampeners
- Interchangeable sub-components
- Highly durable spherical knuckle joint
- Included drain pan for oil and other liquids
- Standard gear ratios of 9:1 or 6:1
- Easy installation and removal of the gear reduction unit
- Carburized, case-hardened, heat-treated, and aircraft-quality steel-made gears
- Single-entrance lube oil and cooling system
- Featuring GD Energy Products industry-leading Redline+ packing, Redline+ valves and seats, and plungers for extended maintenance intervals
- Fabricated power frame weldment with integrated crankcase and crosshead slides
- Parallel shaft gearbox with left or right-side mounting positions
- Multiple gearbox input positions