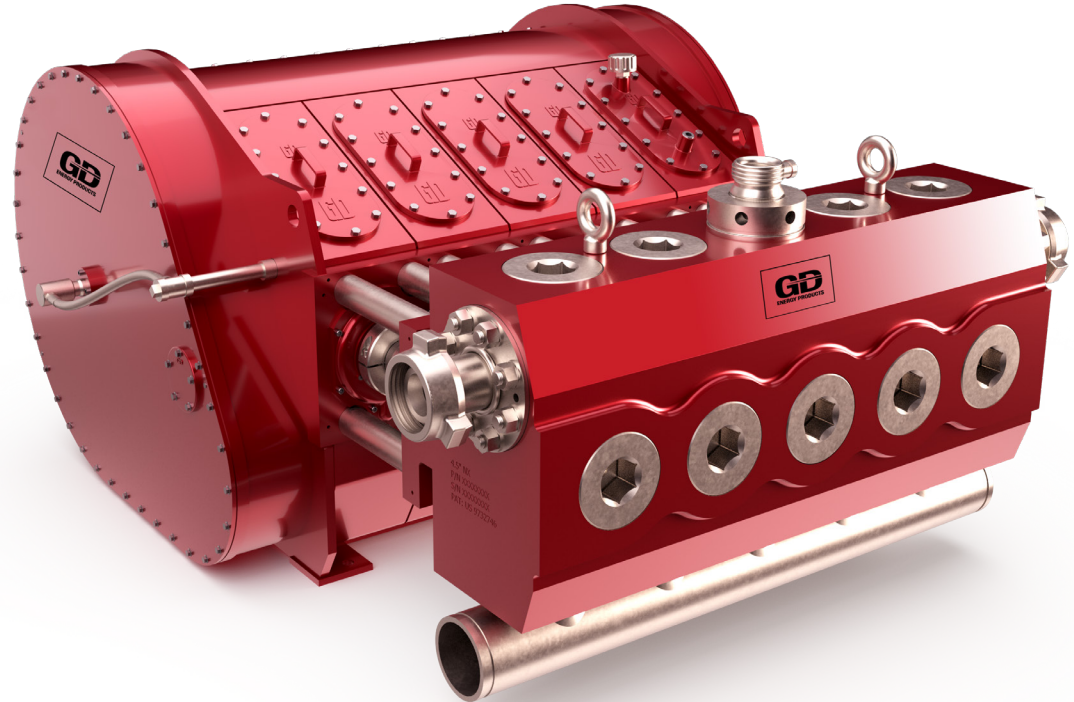


PUMPS



GD 2500Q HDF FRAC & WELL SERVICE PUMP

The GD 2500Q Heavy Duty Frame (HDF) quintuplex pump was designed to extend pump service life through an optimized power end frame design. Stable, robust, and durable, the 2500Q HDF features thicker skin plates and stronger welds to boost structural integrity.



SPECIFICATIONS

| | |
|-----------------|-------------------------|
| Maximum Input | 2500 BHP (1864 kW) |
| Maximum RPM | 330 RPM |
| No. of Plungers | 5 |
| Stroke Length | 8 in. (203mm) |
| Plunger Load | 196,350 lbs (89,000 kg) |
| Pump Weight | 15,107 lbs (6,852 kg) |
| Gear Ratio | 6,353:1 |

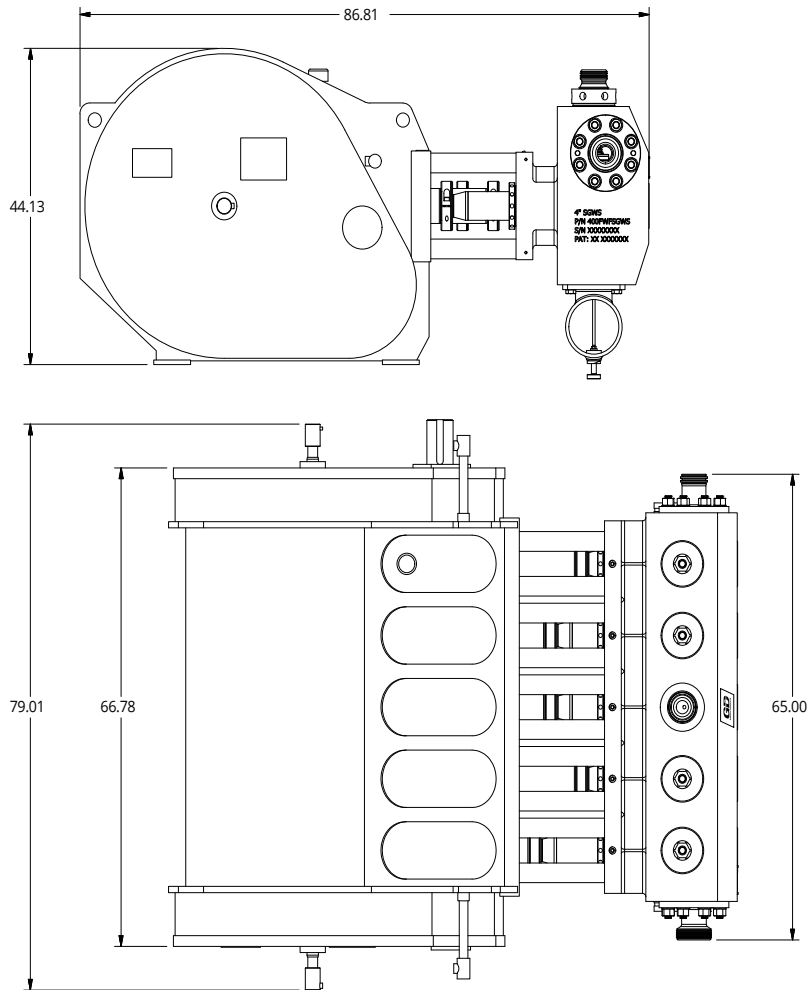
| PLUNGER DIAMETER | | DISPLACEMENT PER REVOLUTION | | DISPLACEMENT @PUMP RPM | | | | DISPLACEMENT @PUMP RPM | | | | DISPLACEMENT @PUMP RPM | | | | DISPLACEMENT @PUMP RPM | | | |
|--|-----|-----------------------------|----------------|------------------------|------|-------|------|------------------------|------|-------|-----|------------------------|------|------|-----|------------------------|------|------|-----|
| | | | | 50 | | | | 150 | | | | 250 | | | | 330 | | | |
| in. | mm. | Gal/Rev. | m ³ | GPM | LPM | PSI | bar | GPM | LPM | PSI | bar | GPM | LPM | PSI | bar | GPM | LPM | PSI | bar |
| Forged Steel Autofrettaged High Pressure Valve Over Valve Fluid Ends | | | | | | | | | | | | | | | | | | | |
| 3.75 | 95 | 1.91 | 7.24 | 191 | 724 | 17800 | 1251 | 287 | 1085 | 13500 | 949 | 478 | 1809 | 8100 | 569 | 631 | 2388 | 6100 | 429 |
| 4 | 102 | 2.17 | 8.23 | 217 | 823 | 15600 | 1097 | 326 | 1235 | 11800 | 830 | 544 | 2058 | 7100 | 499 | 718 | 2717 | 5400 | 380 |
| 4.5 | 114 | 2.75 | 10.42 | 275 | 1042 | 12400 | 872 | 413 | 1563 | 9300 | 654 | 688 | 2605 | 5600 | 394 | 908 | 3438 | 4200 | 295 |
| 5 | 127 | 3.40 | 12.8 | 340 | 1286 | 10000 | 703 | 510 | 1930 | 7600 | 534 | 850 | 3216 | 4500 | 316 | 1121 | 4245 | 3400 | 239 |
| 5.5 | 140 | 4.11 | 15.56 | 411 | 1556 | 8300 | 584 | 617 | 2335 | 6300 | 443 | 1028 | 3891 | 3800 | 267 | 1357 | 5136 | 2800 | 197 |
| 6 | 152 | 4.89 | 18.52 | 489 | 1852 | 6900 | 485 | 734 | 2779 | 5300 | 373 | 1223 | 4631 | 3200 | 225 | 1615 | 6113 | 2400 | 169 |
| 6.75 | 171 | 6.19 | 23.44 | 619 | 2344 | 5500 | 387 | 929 | 3517 | 4200 | 295 | 1548 | 5961 | 2500 | 176 | 2044 | 7736 | 1900 | 134 |

*Contact GD Energy Products engineering for application review and approval

GD 2500Q HDF

FRAC & WELL SERVICE PUMP

SPECIFICATIONS



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

STANDARD FEATURES

- Optimized power end frame design reduces operating stresses and maximizes frame reliability
- Enhanced service life expectations
- Industry leading Redline packing available with adjustable header single or double pressure ring styles
- Pressurized lubrication through the crankshaft
- Hardened clamp type extension rods
- GDEP hard coated plungers
- GDEP wing guided valves and seats
- Single or dual bolted steel WECO style discharge flanges
- Schedule 80 steel suction manifold with victaulic coupling
- GDNX FE technology features a patent-pending cross-bore design optimized to provide longer fluid end life in severe duty pumping applications
- GDNX features Falcon Technology, which reduces maintenance time for consumable changes
- No alignment requirements to suction covers and no special tooling required for install, reducing maintenance challenges