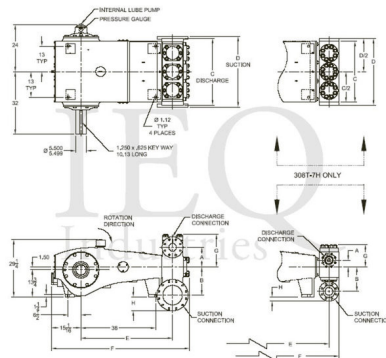


WHEATLEYGASO.COM

IEQ Industries Ltd
PO Box 230097
Grand Rapids, MI 49523
Phone: 800.544.9053 | 616.452.6882

- 308 horsepower 7" stroke horizontal triplex single acting plunger pump
- Available in three fluid end materials
- Pump speeds up to 265 RPM

| | |
|---------------------------|-----------|
| Type: | triplex |
| Minimum Plunger Diameter: | 4½" |
| Maximum Plunger Diameter: | 5¾" |
| Stroke length: | 7⅞" |
| Maximum Working Pressure: | 1,220 PSI |
| Rod/Piston Load: | 19400lb |
| Gallons per Minute: | 636.7 |
| Barrels per Day: | 21830 |
| Brake Horse Power: | 308.0 |



The graph displays the performance of various pump models, showing GPM (Gallons Per Minute) on the Y-axis versus RPM (Revolutions Per Minute) on the X-axis. The X-axis also includes corresponding HP (Horsepower) values. The legend lists the pump models and their maximum pressures (MAX. P.S.I.).

| Pump Model | MAX. P.S.I. |
|-------------|-------------|
| 5 3/4" DIA. | 747 |
| 5 5/8" DIA. | 781 |
| 5 1/2" DIA. | 817 |
| 5 3/8" DIA. | 855 |
| 5 1/4" DIA. | 896 |
| 5 1/8" DIA. | 940 |
| 5" DIA. | 988 |
| 4 7/8" DIA. | 1039 |
| 4 3/4" DIA. | 1095 |
| 4 5/8" DIA. | 1155 |
| 4 1/2" DIA. | 1220 |

Approximate performance data extracted from the graph:

| RPM | HP | 5 3/4" DIA. (GPM) | 4 1/2" DIA. (GPM) |
|-----|-------|-------------------|-------------------|
| 50 | 58.2 | ~100 | ~70 |
| 100 | 116.4 | ~180 | ~120 |
| 150 | 174.5 | ~260 | ~180 |
| 200 | 232.7 | ~340 | ~240 |
| 250 | 290.9 | ~420 | ~300 |
| 300 | 349.1 | ~500 | ~360 |

Performance Data Table

| Pump | English Units | | | | | 50 RPM | | 150 RPM | | 250 RPM | | 265 RPM | |
|----------------------|------------------|----------------------|-------------|-------------|----------------|--------|-----|---------|-----|---------|-----|---------|-----|
| | Plunger Dia. In. | Plunger Area Sq. In. | BPD per RPM | GPM per RPM | Max Press. PSI | BPD | GPM | BPD | GPM | BPD | GPM | BPD | GPM |
| HP360-XL 308T-7XL | 5.750 | 25.9672 | 82.382 | 2.4028 | 747 | 4119 | 120 | 12357 | 360 | 20596 | 601 | 21831 | 637 |
| | 5.625 | 24.8505 | 78.839 | 2.2995 | 781 | 3942 | 115 | 11826 | 345 | 19710 | 575 | 20892 | 609 |
| | 5.500 | 23.7583 | 75.374 | 2.1984 | 817 | 3769 | 110 | 11306 | 330 | 18844 | 550 | 19974 | 583 |
| | 5.375 | 22.6906 | 71.987 | 2.0996 | 855 | 3599 | 105 | 10798 | 315 | 17997 | 525 | 19077 | 556 |
| | 5.250 | 21.6475 | 68.678 | 2.0031 | 896 | 3434 | 100 | 10302 | 300 | 17169 | 501 | 18200 | 531 |
| | 5.125 | 20.6290 | 65.446 | 1.9088 | 940 | 3272 | 95 | 9817 | 286 | 16362 | 477 | 17343 | 506 |
| | 5.000 | 19.6350 | 62.293 | 1.8169 | 988 | 3115 | 91 | 9344 | 273 | 15573 | 454 | 16508 | 481 |
| | 4.875 | 18.6655 | 59.217 | 1.7272 | 1039 | 2961 | 86 | 8883 | 259 | 14804 | 432 | 15693 | 458 |
| | 4.750 | 17.7205 | 56.219 | 1.6397 | 1095 | 2811 | 82 | 8433 | 246 | 14055 | 410 | 14898 | 435 |
| | 4.625 | 16.8002 | 53.299 | 1.5546 | 1155 | 2665 | 78 | 7995 | 233 | 13325 | 389 | 14124 | 412 |
| | 4.500 | 15.9043 | 50.457 | 1.4717 | 1220 | 2523 | 74 | 7569 | 221 | 12614 | 368 | 13371 | 390 |

Features/Benefits

- Cast iron power frame
- Ductile Iron crankshaft
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Cast iron crossheads with upper/lower oil grooves
- Stainless steel extension rods
- Internal pressure lubrication
- Bolted Type Valve Covers
- Removable Stuffing Boxes & Glands
- Plungers - Ceramic, or Tungsten Coated

Disclaimer I

This website is intended as a reference tool only. It has been constructed from published data that is based on manufacturer's sales and engineering documents that are either current, historical and obsolete. Much of the machinery data contained herein has been re-rated through the years with different engineering criteria which maybe in conflict with legacy data. Much of the content published here is calculated online with the use of dynamic data using formulas and extrapolations considered to be sound engineering formulas and are correct to the degree that the data used is accurate. We have done our best to be as precise as as possible in this posting but do not represent any of the calculations or performance data to be entirely accurate. The data published here is intended to be general information rather than actual and to serve as a reference rather than a technical absolute. The user of such data should confirm such information independently.