

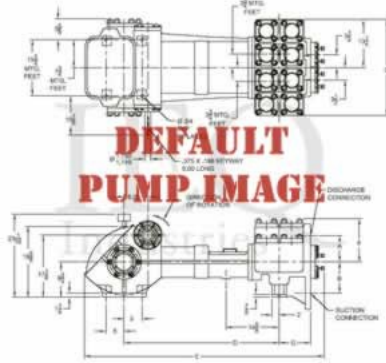
Wheatley, 2050, Duplex, Piston Pump (Mud Pump)

Pumps in this series

2050

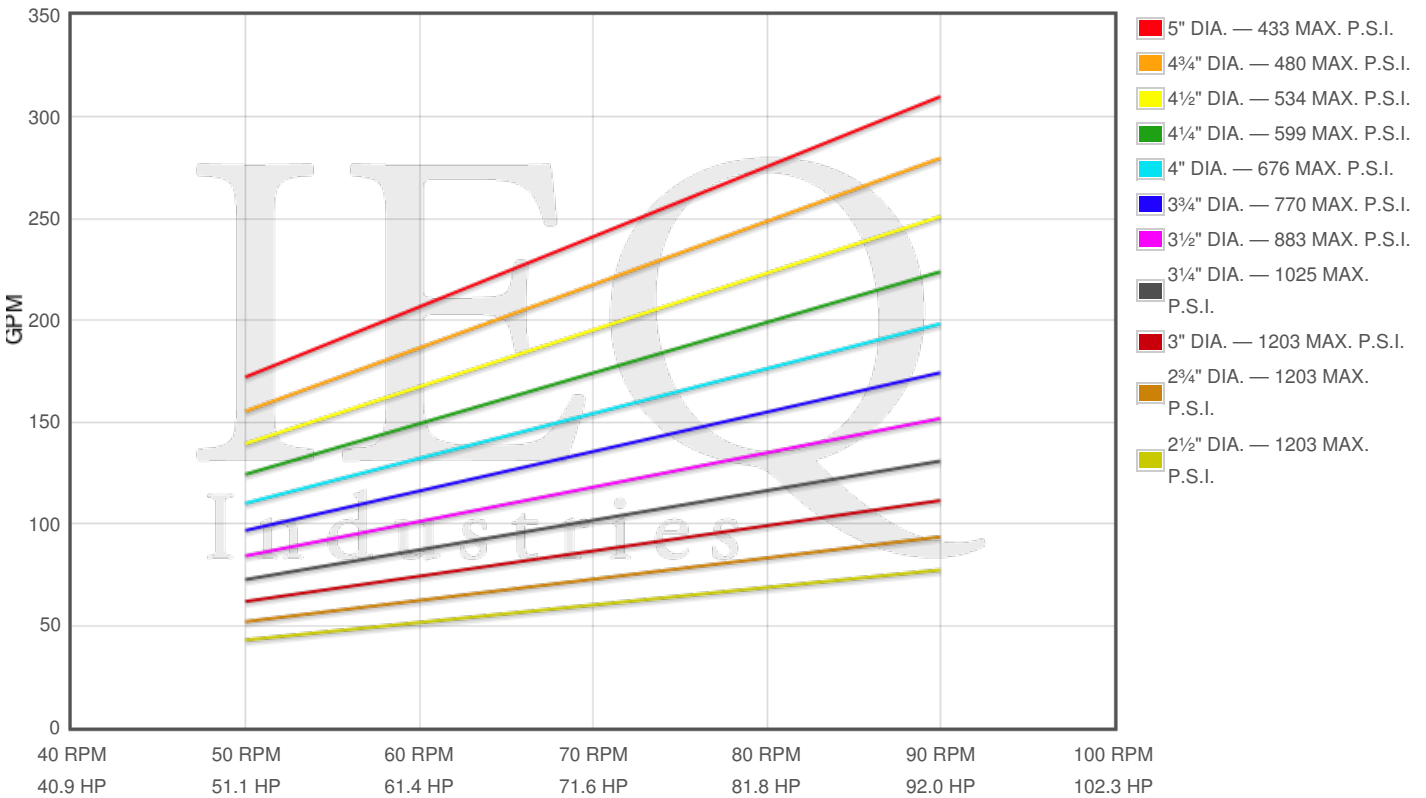
Specs

| Spec | U.S. Standard |
|---------------------------|---------------|
| Type: | duplex |
| Minimum Piston Diameter: | 2½" |
| Maximum Piston Diameter: | 5" |
| Stroke length: | 10½" |
| Maximum Working Pressure: | 1,203 PSI |
| Rod/Piston Load: | 8500lb |
| Gallons per Minute: | 230.0 |
| Barrels per Day: | 7886 |
| Brake Horse Power: | 70.0 |



Pump Curves

Hover over Power Curves to reveal RPM and GPM



Performance Data Table

| Pump | English Units | | | | | 50 RPM | | 60 RPM | | 70 RPM | | 80 RPM | | 90 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 | BPD | GPM |
| 2050 | 5.000 | 19.6350 | 118.028 | 3.4425 | 433 | 5901 | 172 | 7082 | 207 | 8262 | 241 | 9442 | 275 | 10623 | 310 |
| | 4.750 | 17.7205 | 106.521 | 3.1068 | 480 | 5326 | 155 | 6391 | 186 | 7456 | 217 | 8522 | 249 | 9587 | 280 |
| | 4.500 | 15.9043 | 95.603 | 2.7884 | 534 | 4780 | 139 | 5736 | 167 | 6692 | 195 | 7648 | 223 | 8604 | 251 |
| | 4.250 | 14.1863 | 85.275 | 2.4872 | 599 | 4264 | 124 | 5117 | 149 | 5969 | 174 | 6822 | 199 | 7675 | 224 |
| | 4.000 | 12.5664 | 75.538 | 2.2032 | 676 | 3777 | 110 | 4532 | 132 | 5288 | 154 | 6043 | 176 | 6798 | 198 |
| | 3.750 | 11.0447 | 66.391 | 1.9364 | 770 | 3320 | 97 | 3984 | 116 | 4647 | 136 | 5311 | 155 | 5975 | 174 |
| | 3.500 | 9.6211 | 57.834 | 1.6868 | 883 | 2892 | 84 | 3470 | 101 | 4048 | 118 | 4627 | 135 | 5205 | 152 |
| | 3.250 | 8.2958 | 49.867 | 1.4545 | 1025 | 2493 | 73 | 2992 | 87 | 3491 | 102 | 3989 | 116 | 4488 | 131 |
| | 3.000 | 7.0686 | 42.490 | 1.2393 | 1203 | 2125 | 62 | 2549 | 74 | 2974 | 87 | 3399 | 99 | 3824 | 112 |
| | 2.750 | 5.9396 | 35.704 | 1.0414 | 1203 | 1785 | 52 | 2142 | 62 | 2499 | 73 | 2856 | 83 | 3213 | 94 |
| | 2.500 | 4.9087 | 29.507 | 0.8606 | 1203 | 1475 | 43 | 1770 | 52 | 2066 | 60 | 2361 | 69 | 2656 | 77 |

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