|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TD-120 (LOW PRESSURE)** | | | | | | | | | | | | | | | |
| Pumping Capacity in Gallons Per Minute (GPM) | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Plunger Size | Area of Plunger | Max Pressure | Gal/Rev |  | Pump Speed (RPM) | | | | | | | | | | |
|  | 25 | 75 | 125 | 175 | 225 | 275 | 325 | 350 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2  3/4  in. | 5.940 | 1380 | 0.328 |  | 8 | 25 | 41 | 57 | 74 | 90 | 107 | 115 |  |  |  |
| 2  7/8  in. | 6.492 | 1263 | 0.358 |  | 9 | 27 | 45 | 63 | 81 | 99 | 116 | 125 |  |  |  |
| 3       in. | 7.069 | 1160 | 0.390 |  | 10 | 29 | 49 | 68 | 88 | 107 | 127 | 137 |  |  |  |
| 3  1/8  in. | 7.670 | 1069 | 0.423 |  | 11 | 32 | 53 | 74 | 95 | 116 | 138 | 148 |  |  |  |
| 3  1/4  in. | 8.296 | 988 | 0.458 |  | 11 | 34 | 57 | 80 | 103 | 126 | 149 | 160 |  |  |  |
| 3  3/8  in. | 8.946 | 917 | 0.494 |  | 12 | 37 | 62 | 86 | 111 | 136 | 160 | 173 |  |  |  |
| 3  1/2  in. | 9.621 | 852 | 0.531 |  | 13 | 40 | 66 | 93 | 119 | 146 | 173 | 186 |  |  |  |
| 3  5/8  in. | 10.321 | 795 | 0.570 |  | 14 | 43 | 71 | 100 | 128 | 157 | 185 | 199 |  |  |  |
| 3  3/4  in. | 11.045 | 742 | 0.610 |  | 15 | 46 | 76 | 107 | 137 | 168 | 198 | 213 |  |  |  |
| 3  7/8  in. | 11.793 | 695 | 0.651 |  | 16 | 49 | 81 | 114 | 146 | 179 | 212 | 228 |  |  |  |
| 4       in. | 12.566 | 653 | 0.694 |  | 17 | 52 | 87 | 121 | 156 | 191 | 225 | 243 |  |  |  |

|  |  |
| --- | --- |
| Horsepower: | 120 |
| No. of Cylinders: | 3 |
| Stroke Length: | 4.25" |
| Max Working Pressure: | 1380 PSI |
| Rod Load Rating: | 8200 LBS |
| Minimum Plunger Size: | 2.75" |
| Maximum Plunger Size: | 4" |
| Minimum Speed: | 25 |
| Maximum Speed: | 350 |
| Suction Port: | 4"600# R.F. |
| Discharge Port: | 3"600# R.F. |
| Pump Weight: | 2300 LBS |