



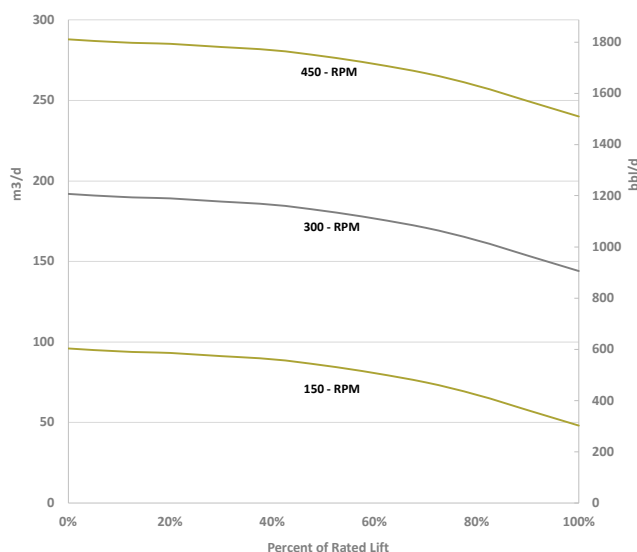
# PUMP SPECIFICATION

## 064M - STD - FLOT - SHOT



| 64 m3 / Day / 100 RPM ( 402 bbl / Day / 100 RPM ) |                                                                                                                                                      |                                                |                               |                                                                         |                                          |                |                |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------|-------------------------------------------------------------------------|------------------------------------------|----------------|----------------|
| Available Models                                  |                                                                                                                                                      | 064 M 0600                                     | 064 M 0900                    | 064 M 1200                                                              | 064 M 1500                               | 064 M 1800     | 064 M 2100     |
| ROTOR                                             | Geometry: Single Lobe                                                                                                                                |                                                | Operating Speed: 50 - 500 RPM |                                                                         | Free Gas Volume Fraction: 40% continuous |                |                |
|                                                   | Swept Rotor Angle: 54                                                                                                                                | Orbit Helix - mm (in): 74.00 ( 2.913 )         |                               | Intake cavity area - mm <sup>2</sup> ( in <sup>2</sup> ): 1365 ( 2.12 ) |                                          |                |                |
|                                                   | Pump Lift H2O - m (ft)                                                                                                                               | 600 ( 1968 )                                   | 900 ( 2952 )                  | 1200 ( 3936 )                                                           | 1500 ( 4920 )                            | 1800 ( 5904 )  | 2100 ( 6888 )  |
|                                                   | Rated Pressure kPa (psi)                                                                                                                             | 6000 ( 870 )                                   | 9000 ( 1305 )                 | 12000 ( 1740 )                                                          | 15000 ( 2175 )                           | 18000 ( 2611 ) | 21000 ( 3046 ) |
|                                                   | Rated Torque N-m (ft-lbs)                                                                                                                            | 488 ( 359 )                                    | 732 ( 539 )                   | 976 ( 719 )                                                             | 1220 ( 899 )                             | 1463 ( 1078 )  | 1707 ( 1258 )  |
|                                                   | Rotor Top Connection mm (in)                                                                                                                         | 1" API Pin                                     |                               |                                                                         |                                          |                |                |
|                                                   | Rotor Head Diameter mm (in)                                                                                                                          | 50.80 ( 2.00 )                                 |                               |                                                                         |                                          |                |                |
|                                                   | Overall Rotor Length m (in)                                                                                                                          | 3.91 ( 154 )                                   | 5.61 ( 221 )                  | 7.31 ( 288 )                                                            | 9.01 ( 355 )                             | 10.71 ( 421 )  | 12.41 ( 488 )  |
|                                                   | Weight kg (lbs)                                                                                                                                      | 37 ( 81 )                                      | 56 ( 123 )                    | 74 ( 163 )                                                              | 93 ( 205 )                               | 111 ( 244 )    | 130 ( 286 )    |
|                                                   | Nominal Rotor Drift OD mm (in)                                                                                                                       | 57.29 ( 2.256 )                                |                               |                                                                         |                                          |                |                |
| STATOR - STD                                      | Stator OD mm (in)                                                                                                                                    | 103.00 ( 4.055 )                               |                               |                                                                         |                                          |                |                |
|                                                   | Collar OD (mm)                                                                                                                                       | 120.65 ( 4.75 )                                |                               |                                                                         |                                          |                |                |
|                                                   | Connection Discharge - Intake                                                                                                                        | 4" NUE Pin - 4" NUE Pin                        |                               |                                                                         |                                          |                |                |
|                                                   | Stator Overall Length w TB m (in)                                                                                                                    | 3.86 ( 152 )                                   | 5.56 ( 219 )                  | 7.26 ( 286 )                                                            | 8.96 ( 353 )                             | 10.66 ( 420 )  | 12.36 ( 486 )  |
|                                                   | Weight kg (lbs)                                                                                                                                      | 79 ( 174 )                                     | 118 ( 260 )                   | 157 ( 345 )                                                             | 197 ( 433 )                              | 236 ( 519 )    | 275 ( 605 )    |
|                                                   | Distance TB to Elastomer mm (in)                                                                                                                     | 300 ( 12 )                                     |                               |                                                                         |                                          |                |                |
|                                                   | Tagbar/sub bottom connection                                                                                                                         | 3 1/2" EUE Pin                                 |                               |                                                                         |                                          |                |                |
| STATOR - FLOT - SHOT                              | Stator OD mm (in)                                                                                                                                    | FLOT - 106 ( 4.173 ) // SHOT 99 - ( 3.898 )    |                               |                                                                         |                                          |                |                |
|                                                   | Collar OD mm (in)                                                                                                                                    | FLOT - 106 ( 4.173 ) // SHOT 99 - ( 3.898 )    |                               |                                                                         |                                          |                |                |
|                                                   | Connection Discharge - Intake                                                                                                                        | FLOT - 3 1/2" EUE Box // SHOT - 2 7/8" EUE Box |                               |                                                                         |                                          |                |                |
|                                                   | Stator Overall Length w TB m (in)                                                                                                                    | 5.08 ( 200 )                                   | 6.78 ( 267 )                  | 8.48 ( 334 )                                                            | 10.18 ( 401 )                            | 11.88 ( 468 )  | 13.58 ( 534 )  |
|                                                   | Weight kg (lbs)                                                                                                                                      | 111 ( 244 )                                    | 150 ( 330 )                   | 190 ( 418 )                                                             | 229 ( 504 )                              | 268 ( 590 )    | 308 ( 678 )    |
|                                                   | Distance TB to Elastomer mm (in)                                                                                                                     | 300 ( 12 )                                     |                               |                                                                         |                                          |                |                |
|                                                   | Tagbar/sub bottom connection                                                                                                                         | FLOT - 3 1/2" EUE Pin // SHOT - 2 7/8" EUE Pin |                               |                                                                         |                                          |                |                |
| NOTE                                              | Length and weight values for FLOT - SHOT reflect a 1220 mm ( 48 in ) orbit tube. Add 610 mm ( 24 in ) and 10 kg ( 22 lbs ) for extended orbit tubes. |                                                |                               |                                                                         |                                          |                |                |

Target in Well Flow Rates m3/d ( bbl/d )



Target In Well Torque N-m ( ft-lbs )

