

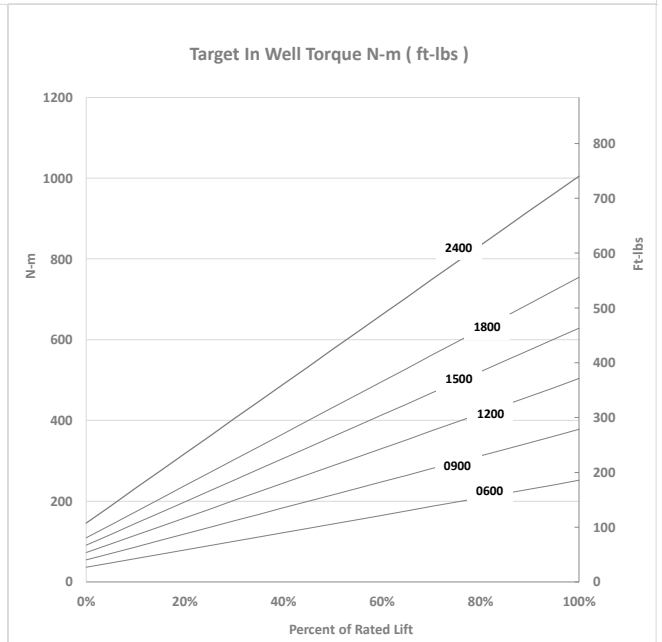
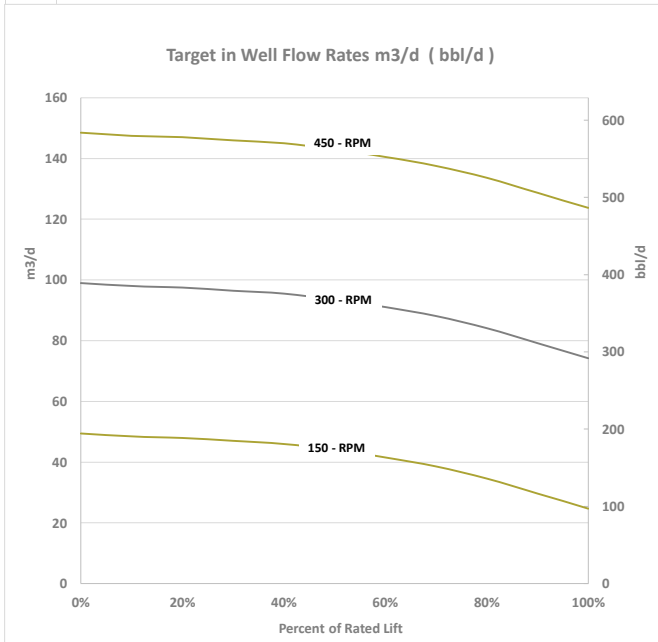


# PUMP SPECIFICATION

## 033M - STD - FLOT



| 33 m3 / Day / 100 RPM ( 208 bbl / Day / 100 RPM )  |   |               |                |                |                |                |
|--|---|---------------|----------------|----------------|----------------|----------------|
| Available Models   | 033 M 0600  | 033 M 0900    | 33 M 1200      | 033 M 1500     | 033 M 1800     | 033 M 2400     |
| Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous |   |               |                |                |                |                |
| Swept Rotor Angle: 45    Intake cavity area - mm <sup>2</sup> (in <sup>2</sup> ): 1064 ( 1.65 )    |   |               |                |                |                |                |
| Pump Lift H2O - m (ft)   | 600 ( 1968 )  | 900 ( 2952 )  | 1200 ( 3936 )  | 1500 ( 4920 )  | 1800 ( 5904 )  | 2400 ( 7872 )  |
| Rated Pressure kPa (psi)   | 6000 ( 870 )  | 9000 ( 1305 ) | 12000 ( 1740 ) | 15000 ( 2175 ) | 18000 ( 2611 ) | 24000 ( 3481 ) |
| Rated Torque N-m (ft-lbs)  | 252 ( 185 )   | 378 ( 278 )   | 504 ( 371 )    | 629 ( 463 )    | 755 ( 556 )    | 1005 ( 741 )   |
| ROTOR  | 1" API Pin  |               |                |                |                |                |
| Rotor Top Connection mm (in)   | 50.80 ( 2.00 )  |               |                |                |                |                |
| Rotor Head Diameter mm (in)  | 50.80 ( 2.00 )  |               |                |                |                |                |
| Overall Rotor Length m (in)  | 2.76 ( 109 )  | 3.88 ( 153 )  | 5.01 ( 197 )   | 6.13 ( 241 )   | 7.26 ( 286 )   | 9.51 ( 374 )   |
| Weight kg (lbs)  | 23 ( 51 )   | 34 ( 75 )     | 45 ( 99 )      | 56 ( 123 )     | 67 ( 147 )     | 90 ( 198 )     |
| Nominal Rotor Drift OD mm (in)   | 52.75 ( 2.077 )   |               |                |                |                |                |
| STATOR - STD   | 95.0 ( 3.74 )   |               |                |                |                |                |
| Stator OD mm (in)  | 114.3 ( 4.50 )  |               |                |                |                |                |
| Collar OD (mm)   | 114.3 ( 4.50 )  |               |                |                |                |                |
| Connection Discharge - Intake  | 3 1/2" EUE Pin - 3 1/2" EUE Pin   |               |                |                |                |                |
| Stator Overall Length w TB m (in)  | 2.71 ( 107 )  | 3.83 ( 151 )  | 4.96 ( 195 )   | 6.08 ( 239 )   | 7.21 ( 284 )   | 9.46 ( 372 )   |
| Weight kg (lbs)  | 44 ( 97 )   | 66 ( 145 )    | 88 ( 194 )     | 110 ( 242 )    | 132 ( 290 )    | 176 ( 387 )    |
| Distance TB to Elastomer mm (in)   | 300 ( 12 )  |               |                |                |                |                |
| Tagbar/sub bottom connection   | 3 1/2" EUE Pin  |               |                |                |                |                |
| STATOR - FLOT  | FLOT - 95 ( 3.74 )  |               |                |                |                |                |
| Stator OD mm (in)  | FLOT - 98 ( 3.85 )  |               |                |                |                |                |
| Collar OD mm (in)  | FLOT - 98 ( 3.85 )  |               |                |                |                |                |
| Connection Discharge - Intake  | 2 7/8" EUE Box - 3 1/2" NUE Box   |               |                |                |                |                |
| Stator Overall Length w TB m (in)  | 3.93 ( 155 )  | 5.05 ( 199 )  | 6.18 ( 243 )   | 7.3 ( 287 )    | 8.43 ( 332 )   | 10.68 ( 420 )  |
| Weight kg (lbs)  | 69 ( 152 )  | 91 ( 200 )    | 113 ( 249 )    | 135 ( 297 )    | 157 ( 345 )    | 201 ( 442 )    |
| Distance TB to Elastomer mm (in)   | 300 ( 12 )  |               |                |                |                |                |
| Tagbar/sub bottom connection   | 2 7/8" EUE Pin  |               |                |                |                |                |
| NOTE   | Notes: Dimensions for FLOT reflect a 1220 mm (48in) orbit tube. Add 610 mm (24 in) and 12 kg (26 lbs) for extended orbit tubes. |               |                |                |                |                |



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FROM THE GROUND UP