

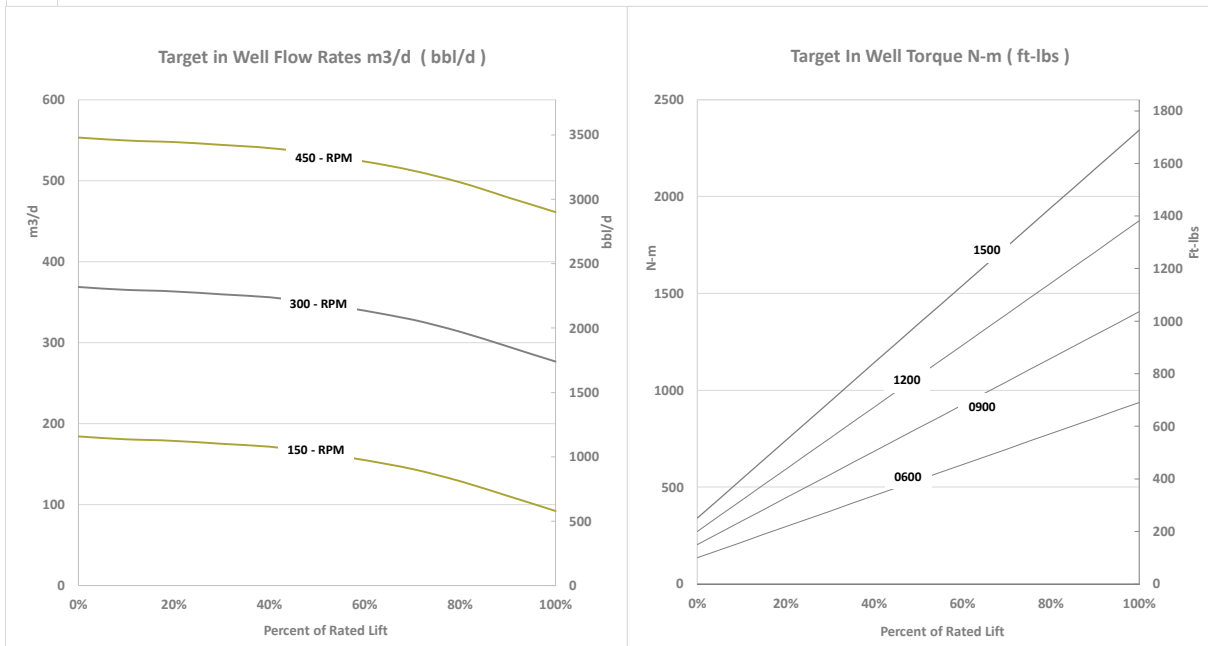


# PUMP SPECIFICATION

## 123M - STD - FLOT - SHOT



|                                     |                                   | 123 m <sup>3</sup> / Day / 100 RPM   |               | ( 774 bbl / Day / 100 RPM ) |                |
|-------------------------------------|-----------------------------------|--|---------------|-----------------------------|----------------|
| Available Models                    |                                   | 123 M 0600   | 123 M 0900    | 123 M 1200                  | 123 M 1500     |
|                                     |                                   | Geometry: Single Lobe    Operating Speed: 50 - 500 RPM    Free Gas Volume Fraction: 40% continuous |               |                             |                |
|                                     |                                   | Swept Rotor Angle: 69    Intake cavity area - mm <sup>2</sup> ( in <sup>2</sup> ): 1442 ( 2.24 )   |               |                             |                |
| Pump Lift H <sub>2</sub> O - m (ft) |                                   | 600 ( 1968 )   | 900 ( 2952 )  | 1200 ( 3936 )               | 1500 ( 4920 )  |
| Rated Pressure kPa (psi)            |                                   | 6000 ( 870 )   | 9000 ( 1305 ) | 12000 ( 1740 )              | 15000 ( 2175 ) |
| Rated Torque N-m (ft-lbs)           |                                   | 938 ( 691 )  | 1406 ( 1036 ) | 1876 ( 1382 )               | 2343 ( 1727 )  |
| ROTOR                               | Rotor Top Connection mm (in)      | 1" API Pin   |               |                             |                |
|                                     | Rotor Head Diameter mm (in)       | 50.80 ( 2.00 )   |               |                             |                |
|                                     | Overall Rotor Length m (in)       | 6.11 ( 240 )   | 8.91 ( 351 )  | 11.71 ( 461 )               | 14.51 ( 571 )  |
|                                     | Weight kg (lbs)                   | 57 ( 125 )   | 84 ( 185 )    | 110 ( 242 )                 | 136 ( 299 )    |
|                                     | Nominal Rotor Drift OD mm (in)    | 57.82 (2.276 )   |               |                             |                |
| STATOR - STD                        | Stator OD mm (in)                 | 50.80 ( 2.00 )   |               |                             |                |
|                                     | Collar OD (mm)                    | 50.80 ( 2.00 )   |               |                             |                |
|                                     | Connection Discharge - Intake     | 4" NUE Pin - 4" NUE Pin  |               |                             |                |
|                                     | Stator Overall Length w TB m (in) | 6.06 ( 238 )   | 8.86 ( 349 )  | 11.66 ( 459 )               | 14.46 ( 569 )  |
|                                     | Weight kg (lbs)                   | 139 ( 306 )  | 209 ( 460 )   | 278 ( 612 )                 | 348 ( 766 )    |
|                                     | 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) | 6.06 ( 238 )   | 8.86 ( 349 )  | 11.66 ( 459 )               | 14.46 ( 569 )  |
|                                     | Weight kg (lbs)                   | 139 ( 306 )  | 209 ( 460 )   | 278 ( 612 )                 | 348 ( 766 )    |
|                                     | 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                                |                                   |  |               |                             |                |



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**FROM THE GROUND UP**