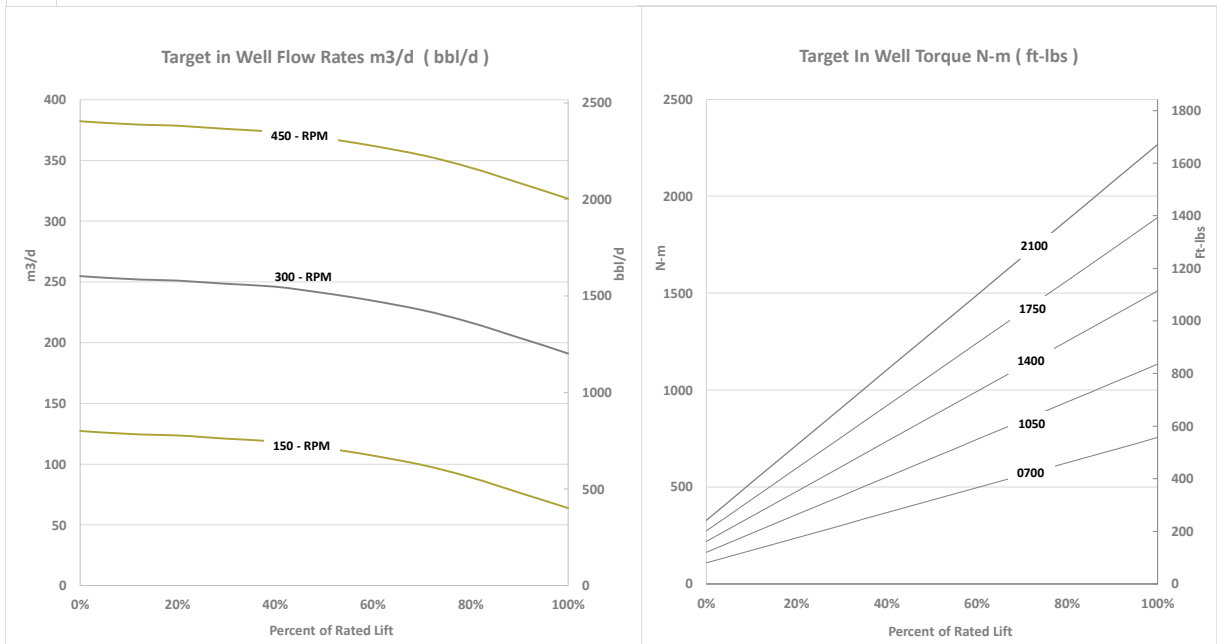




PUMP SPECIFICATION 085M - STD - FLOT - SHOT



| 85 m3 / Day / 100 RPM (535 bbl / Day / 100 RPM) | | | | | | |
|--|-----------------------------------|--|----------------|--|----------------|--|
| Available Models | | 085 M 0700 | 085 M 1050 | 085 M 1400 | 085 M 1750 | 085 M 2100 |
| | | Geometry: Single Lobe | | Operating Speed: 50 - 500 RPM | | Free Gas Volume Fraction: 40% continuous |
| | | Swept Rotor Angle: 61 | | Intake cavity area - mm ² (in ²): 1365 (2.12) | | |
| Pump Lift H2O - m (ft) | | 700 (2296) | 1050 (3444) | 1400 (4592) | 1750 (5740) | 2100 (6888) |
| Rated Pressure kPa (psi) | | 7000 (1015) | 10500 (1523) | 14000 (2030) | 17500 (2538) | 21000 (3046) |
| Rated Torque N-m (ft-lbs) | | 756 (557) | 1135 (836) | 1512 (1114) | 1891 (1393) | 2267 (1671) |
| ROTOR | Rotor Top Connection mm (in) | 1" API Pin | | | | |
| | Rotor Head Diameter mm (in) | 50.80 (2.00) | | | | |
| | Overall Rotor Length m (in) | 5.06 (199) | 7.33 (289) | 9.61 (378) | 11.88 (468) | 14.16 (557) |
| | Weight kg (lbs) | 47 (103) | 71 (156) | 94 (207) | 118 (260) | 141 (310) |
| | Nominal Rotor Drift OD mm (in) | 57.25 (2.254) | | | | |
| STATOR - STD | Stator OD mm (in) | 103.0 (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) | 5.01 (197) | 7.28 (287) | 9.56 (376) | 11.83 (466) | 14.11 (555) |
| | Weight kg (lbs) | 106 (233) | 159 (350) | 212 (466) | 265 (583) | 318 (700) |
| | Distance TB to Elastomer mm (in) | 300 (12) | | | | |
| STATOR - FLOT - SHOT | Tagbar/sub bottom connection | 3 1/2" EUE Pin | | | | |
| | 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) | 6.23 (245) | 8.51 (335) | 10.78 (424) | 13.05 (514) | 15.33 (603) |
| | Weight kg (lbs) | 138 (304) | 191 (420) | 244 (537) | 297 (653) | 350 (770) |
| NOTE | Distance TB to Elastomer mm (in) | 300 (12) | | | | |
| | Tagbar/sub bottom connection | FLOT - 3 1/2" EUE Pin // SHOT - 2 7/8" EUE Pin | | | | |
| 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. | | | | | | |



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FROM THE GROUND UP