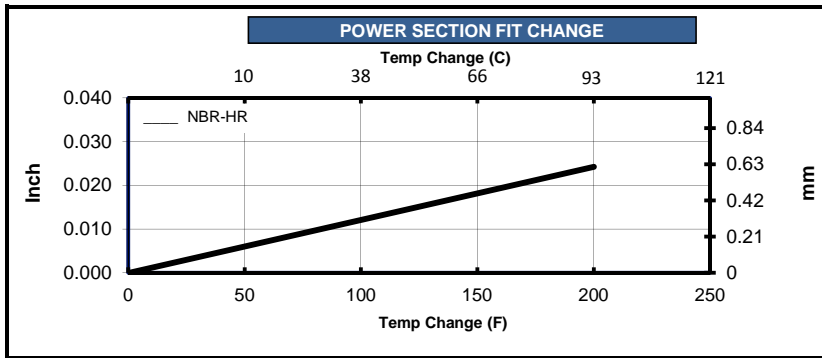


## POWER SECTION

| ROTOR SPECIFICATIONS |                        |       |
|----------------------|------------------------|-------|
|                      | Inch                   | mm    |
| Overall Length       | 76.0                   | 1930  |
| Contour Length       | 72.0                   | 1829  |
| Eccentricity         | 0.134                  | 3.4   |
| Major Diameter       | 2.157                  | 54.79 |
| Head Diameter        | 1.750                  | 44.50 |
| Weight               | 60 (lbs) 27.2 (kg)     |       |
| Material             | 17-4SS                 |       |
| Thread Form*         | 1.375 - 6 STUB<br>ACME |       |

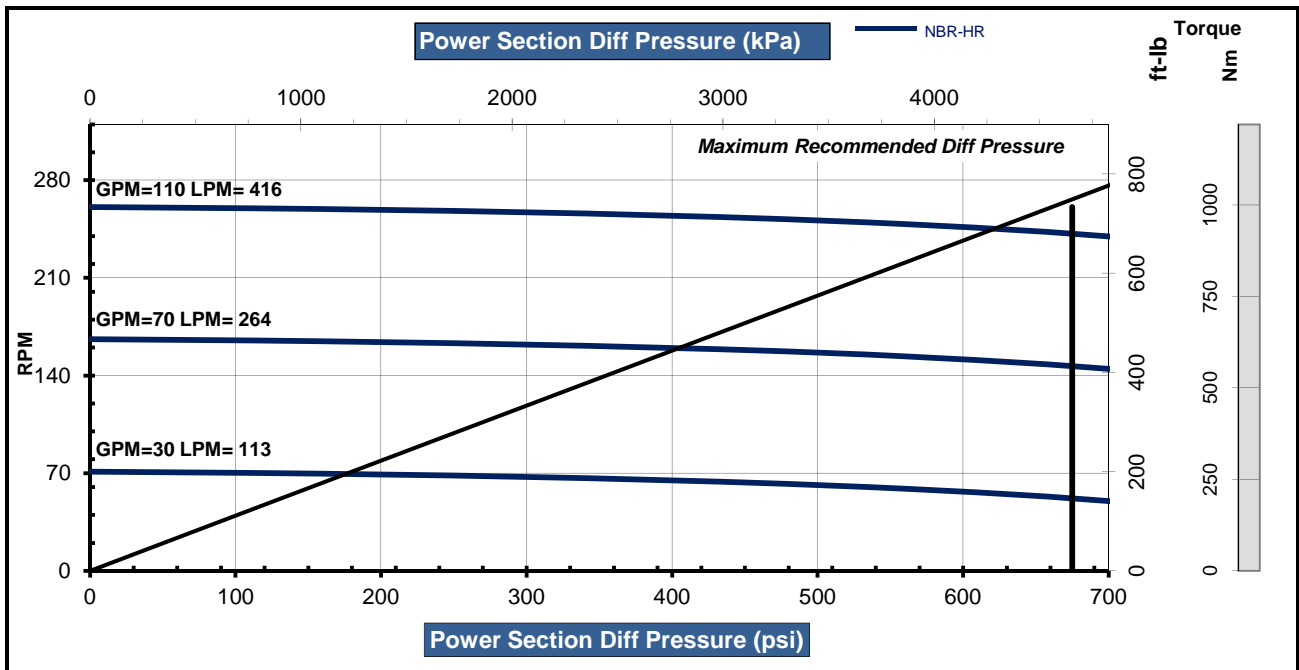
| STATOR SPECIFICATIONS |                      |      |
|-----------------------|----------------------|------|
|                       | Inch                 | mm   |
| Overall Length        | 79.8                 | 2026 |
| Rubber Cut Back       | 4.63                 | 118  |
| Tube O.D.             | 3.75                 | 95.3 |
| Tube I.D.             | 2.75                 | 69.9 |
| Weight                | 90 (lbs) 41 (kg)     |      |
| Number of Stages      | 3.0                  |      |
| Rubber Type           | NBR-HR               |      |
| Tube Material         | 4142 Seamless Tubing |      |

\* Alternate or custom thread forms are available



| FIT INFORMATION            |                |       |
|----------------------------|----------------|-------|
| NBR-HR                     | Minor Diameter |       |
| Stator Size                | Inch           | mm    |
| Undersize                  |                |       |
| Standard                   | 1.906          | 48.41 |
| Oversize                   |                |       |
| Double Oversize            |                |       |
| Nominal Fit at 75 F (25 C) |                |       |
| Undersize                  |                |       |
| Standard                   | -0.017         | -0.43 |
| Oversize                   |                |       |
| Double Oversize            |                |       |

| PERFORMANCE SPECIFICATIONS |                                    | PERFORMANCE DETAILS        |                       |
|----------------------------|------------------------------------|----------------------------|-----------------------|
| Torque Slope               | 1.110 ft-lb/psi 0.218 Nm/kPa       | Max Diff Press psi (kPa)   | NBR-HR<br>680 (4650 ) |
| Flow Range                 | 30 to 110 GPM 110 to 420 Litre/min | Max Torque ft-lb (Nm)      | 750 (1010 )           |
| Rotation                   | 2.372 Rev/Gal 0.627 Rev/Litre      | Stall Diff Press psi (kPa) | 1010 (6980 )          |
| Speed Range                | 71 to 270 RPM                      | Stall Torque ft-lb (Nm)    | 1120 (1520 )          |
| Off Bottom Press           | 100 psi 690 kPa                    | Max Recommended HP(kW)     | 36 (27)               |



Operating a power section above the maximum recommended differential pressure will reduce stator life. Performance Curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Stator sizes subject to change without notice. Copyright 2015 Dyna-Drill®. All rights reserved.