



SPECIFICATION SHEET FOR: 8" 5:6 LOBE 5.0 STAGE HS88 GROUP 0

Metric

PV800550-HS-0

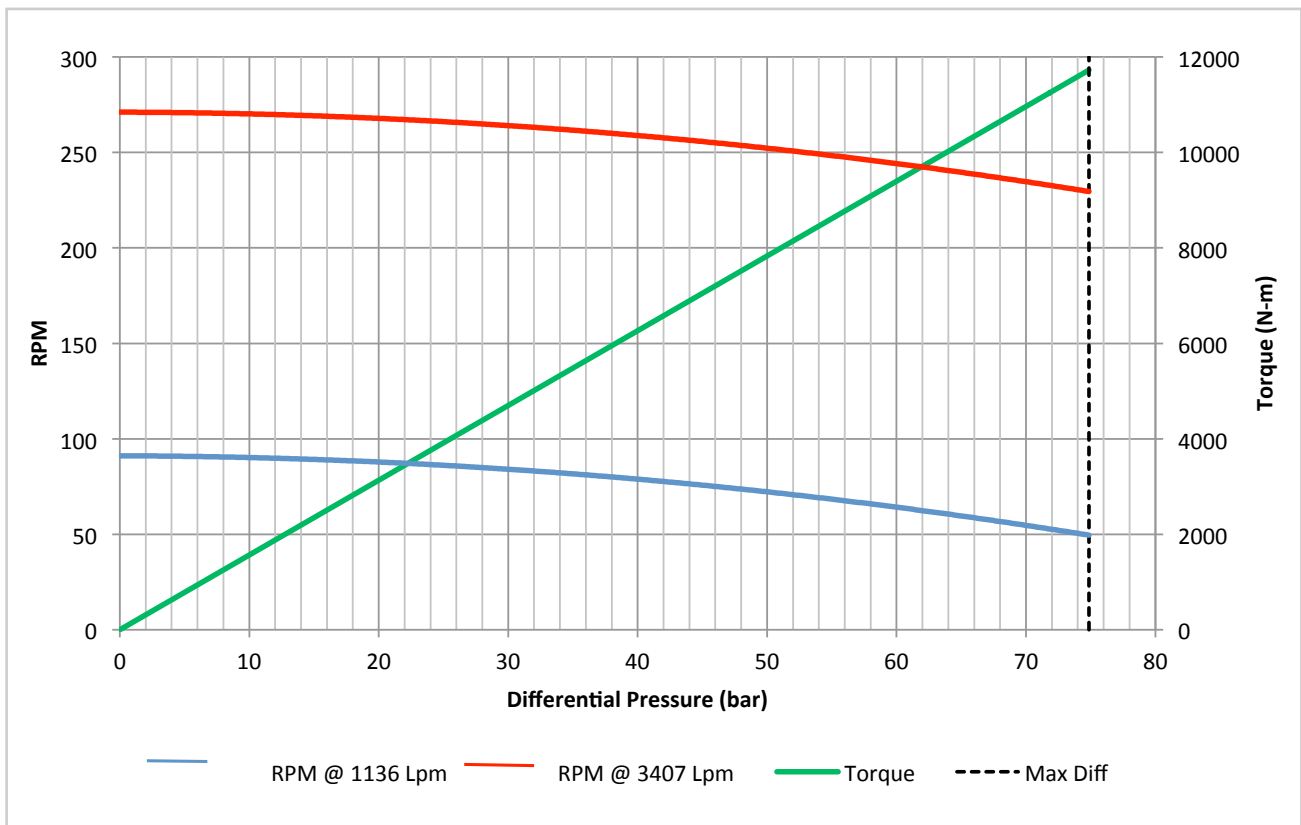
| Rotor Details | |
|---------------------|-----------|
| Overall Length (mm) | 4115 |
| Head Length (mm) | 178 |
| Head Diameter (mm) | 121 |
| Contour OD (mm) | 123.6 |
| Ecc (in) | 0.382 |
| C to V (in) | 4.102 |
| Weight (kg) | 255 |
| Std Connection | 3 1/2" IF |

| Recommended Operating Range | |
|--|-------------------|
| Flow Rate | 1136 Lpm-3407 Lpm |
| No Load RPM | 90-270 |
| Displacement | 0.08 revs/l |
| Max Working Pressure | 75 bar |
| Max Off-BTM Pressure | 9 bar |
| Max Operating Torque | 11253 N-m |
| Torque Slope | 7.973 ft-lbs/psi |
| Max Operating pressure = Max Working kpa - Max Off-BTM kpa | |
| For Maximum Life do not exceed 72 bar differential. | |

| Stator Details | |
|---------------------|------|
| Overall Length (mm) | 4267 |
| Tube OD (mm) | 203 |
| Tube ID (mm) | 159 |
| Alternate OD (mm) | NA |
| Std Cutbacks (mm) | 229 |
| Weight (kg) | 462 |

| Sizing and Fit Information | |
|--|---------------|
| Vector Minor (in) | 4.110 |
| Shop Fit @ 21°C | - 0.008 Loose |
| Temp Correction Factor* | 1.9 |
| * Temp correction factor is the degrees (C) required to change the stator size by .001" on diameter. | |

Theoretical performance with water at Operating Temperature



Performance curves for reference only. Data is based on new rotor and stator nominal dimensions. Performance downhole may vary based on drilling conditions and rotor/stator fit. Operating over the specified limits may result in damage to the power section and/or connected components. Information is subject to change.