



PV Fluid Products

SPECIFICATION SHEET FOR: 8" 6:7 LOBE 4.0 STAGE HS88 GROUP T

PV800640-HS-T

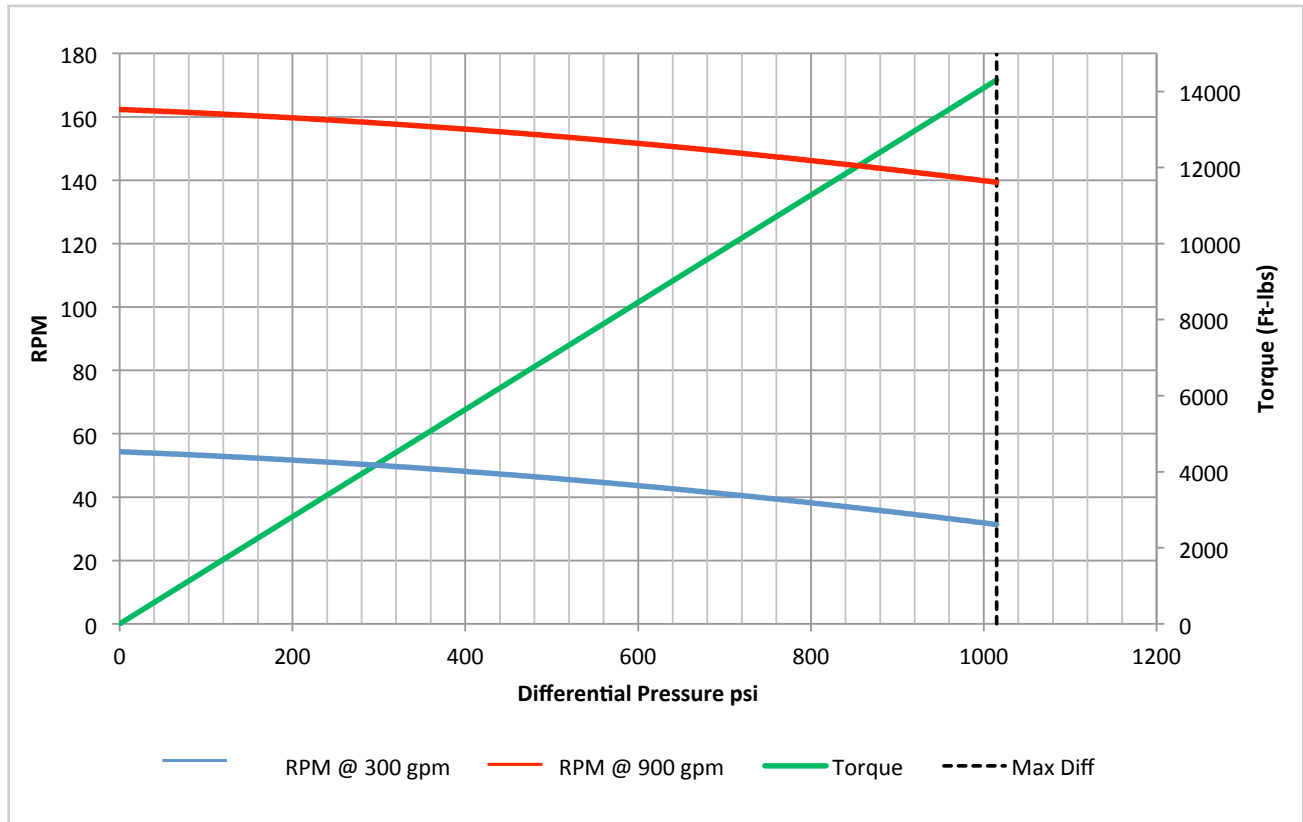
| Rotor Details | |
|---------------------|-------|
| Overall Length (in) | 199.0 |
| Head Length (in) | 7.00 |
| Head Diameter (in) | 4.75 |
| Contour OD (in) | 4.958 |
| Ecc (in) | 0.336 |
| C to V (in) | 4.286 |
| Weight (lbs) | 618.0 |

| Stator Details | |
|---------------------|-------|
| Overall Length (in) | 206.0 |
| Tube OD (in) | 8.00 |
| Tube ID (in) | 6.25 |
| Alternate OD (in) | NA |
| Std Cutbacks (in) | 9.00 |
| Weight (lbs) | 1242 |

| Recommended Operating Range | |
|--|-------------------|
| Flow Rate | 300 gpm-900 gpm |
| No Load RPM | 54-162 |
| Displacement | 0.18 revs/gal |
| Max Working Pressure | 1015 psi |
| Max Off-BTM Pressure | 177 psi |
| Max Operating Torque | 13698 ft-lbs |
| Torque Slope | 14.092 ft-lbs/psi |
| Max Operating pressure = Max Working psi - Max Off-BTM psi | |
| For Maximum Life do not exceed 838 psi differential. | |

| Sizing and Fit Information | |
|--|-------------------|
| Vector Minor (in) | 4.271 |
| Shop Fit @ 70°F | 0.015 Compression |
| Temp Correction Factor* | 3.5 |
| * Temp correction factor is the degrees (F) 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.