



SPECIFICATION SHEET FOR: 6 1/2" 5:6 LOBE 4.5 STAGE (VBT) HS88 GROUP 7

PV Fluid Products

PV650545-HS-7

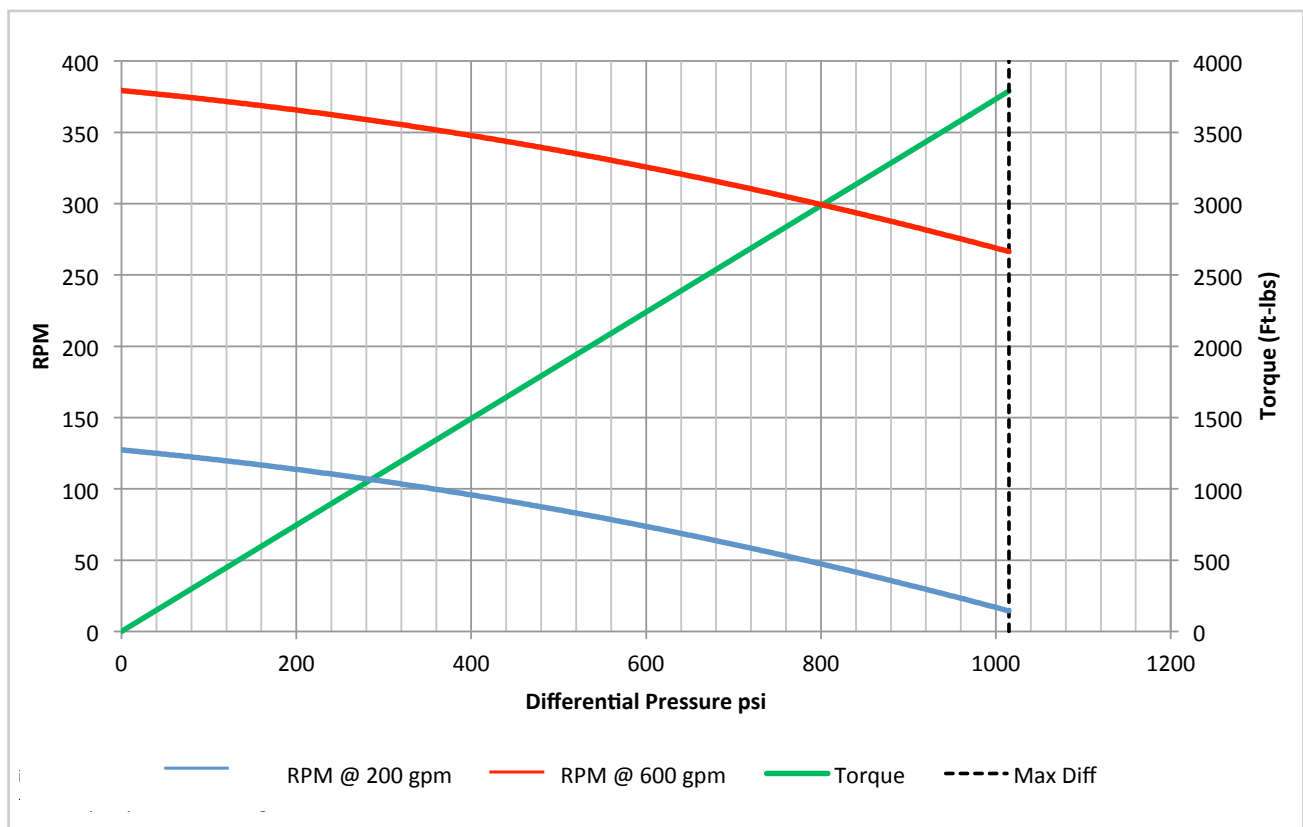
| Rotor Details | |
|---------------------|-------|
| Overall Length (in) | 121.5 |
| Head Length (in) | 6.00 |
| Head Diameter (in) | 3.50 |
| Contour OD (in) | 3.893 |
| Ecc (in) | 0.282 |
| C to V (in) | 3.329 |
| Weight (lbs) | 274.0 |

| Recommended Operating Range | |
|---|------------------|
| Flow Rate | 200 gpm-600 gpm |
| No Load RPM | 126-378 |
| Displacement | 0.63 revs/gal |
| Max Working Pressure | 1015 psi |
| Max Off-BTM Pressure | 149 psi |
| Max Operating Torque | 3625 ft-lbs |
| Torque Slope | 3.733 ft-lbs/psi |
| Max Operating pressure = Max Working psi - Max Off-BTM psi | |
| For Maximum Life do not exceed 866 psi differential. | |

| Stator Details | |
|---------------------|-------|
| Overall Length (in) | 130.0 |
| Tube OD (in) | 6.50 |
| Tube ID (in) | 5.00 |
| Alternate OD (in) | NA |
| Std Cutbacks (in) | 8.00 |
| Weight (lbs) | 537 |

| Sizing and Fit Information | |
|--|---------------|
| Vector Minor (in) | 3.365 |
| Shop Fit @ 70°F | - 0.036 Loose |
| Temp Correction Factor* | 4 |
| * 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.