



PV Fluid Products

# SPECIFICATION SHEET FOR: 4 3/4" 4:5 LOBE 6.3 STAGE HS88 GROUP 4

## PV475463-HS-4

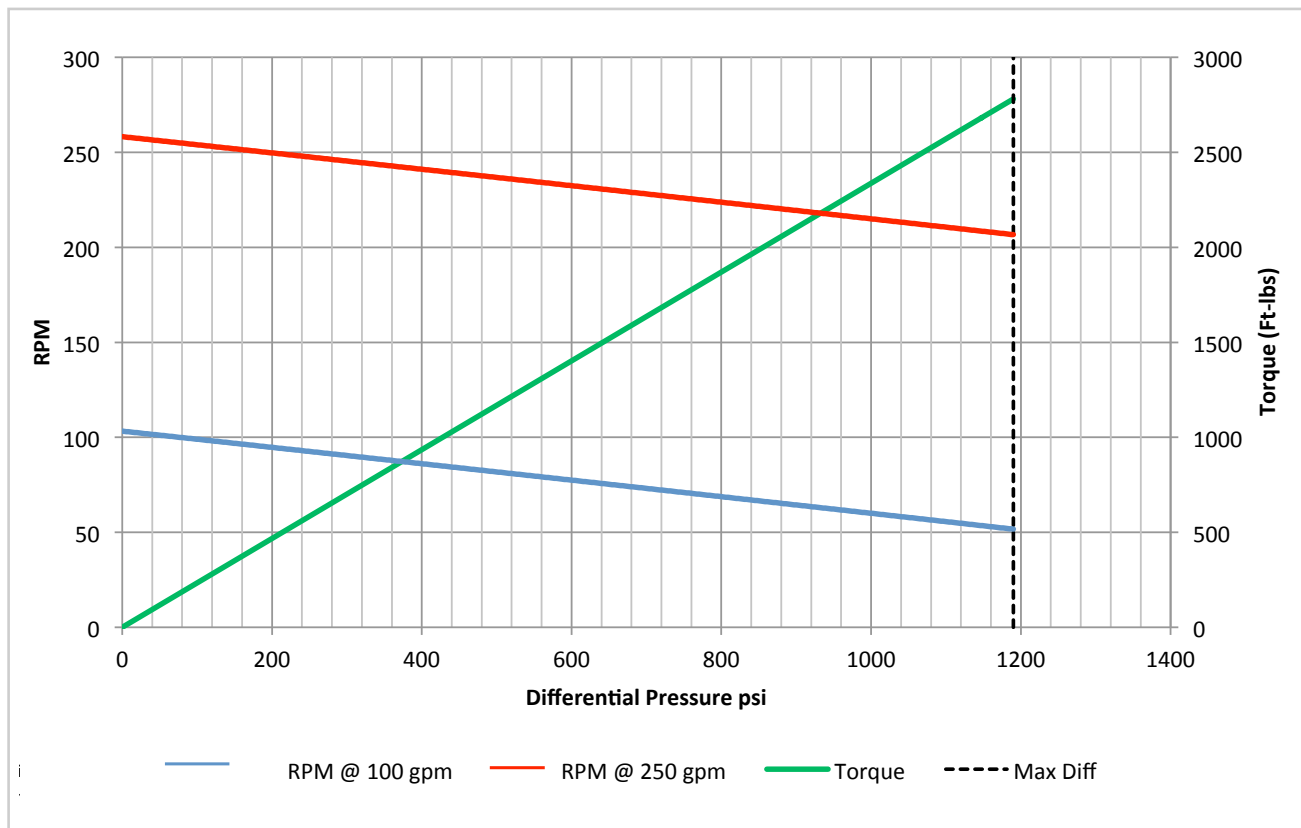
| Rotor Details       |       |
|---------------------|-------|
| Overall Length (in) | 188.0 |
| Head Length (in)    | 6.00  |
| Head Diameter (in)  | 2.75  |
| Contour OD (in)     | 2.912 |
| Ecc (in)            | 0.245 |
| C to V (in)         | 2.423 |
| Weight (lbs)        | 208.0 |

| Stator Details      |       |
|---------------------|-------|
| Overall Length (in) | 207.0 |
| Tube OD (in)        | 4.75  |
| Tube ID (in)        | 3.75  |
| Alternate OD (in)   | 5.00  |
| Std Cutbacks (in)   | 8.00  |
| Weight (lbs)        | 427   |

| Recommended Operating Range                                  |                  |
|--|------------------|
| Flow Rate  | 100 gpm-250 gpm  |
| No Load RPM  | 103-258          |
| Displacement   | 1.03 revs/gal    |
| Max Working Pressure   | 1190 psi         |
| Max Off-BTM Pressure   | 77 psi           |
| Max Operating Torque   | 2681 ft-lbs      |
| Torque Slope   | 2.337 ft-lbs/psi |
| Max Operating pressure = Max Working psi - Max Off-BTM psi   |                  |
| <b>For Maximum Life do not exceed 1113 psi differential.</b> |                  |

| Sizing and Fit Information   |               |
|--|---------------|
| Vector Minor (in)  | 2.434         |
| Shop Fit @ 70°F  | - 0.011 Loose |
| Temp Correction Factor*  | 5.5           |
| * 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.