



PV Fluid Products

# SPECIFICATION SHEET FOR: 7" 7:8 LOBE 6.8 STAGE TR75 GROUP 4

## PV700768-TR-4

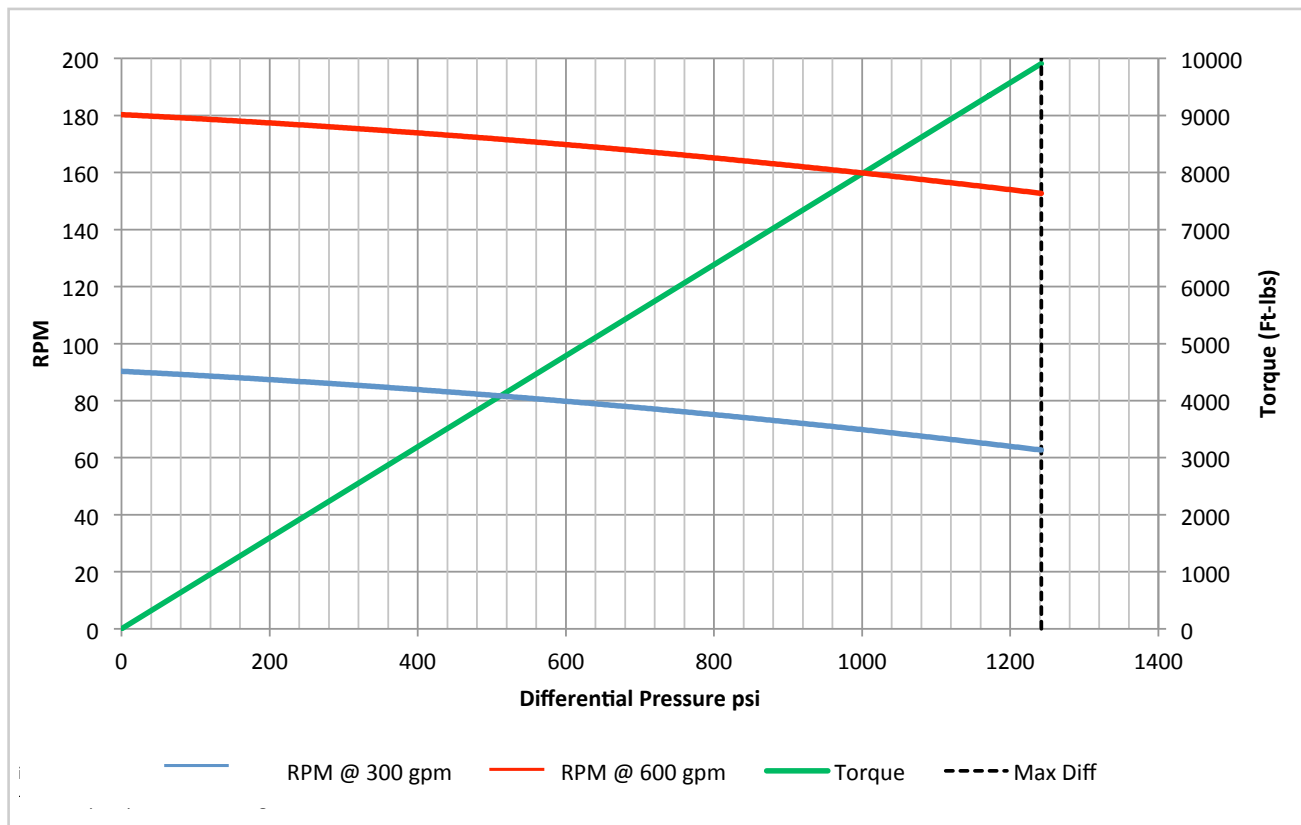
| Rotor Details       |       |
|---------------------|-------|
| Overall Length (in) | 233.0 |
| Head Length (in)    | 7.00  |
| Head Diameter (in)  | 4.50  |
| Contour OD (in)     | 4.538 |
| Ecc (in)            | 0.250 |
| C to V (in)         | 4.039 |
| Weight (lbs)        | 788.0 |
| Std Connection      | 0.0   |

| Stator Details      |       |
|---------------------|-------|
| Overall Length (in) | 246.0 |
| Tube OD (in)        | 7.00  |
| Tube ID (in)        | 5.75  |
| Alternate OD (in)   | 5.50  |
| Std Cutbacks (in)   | 11.00 |
| Weight (lbs)        | 1099  |

| Recommended Operating Range                                  |                 |
|--|-----------------|
| Flow Rate  | 300 gpm-600 gpm |
| No Load RPM  | 90-180          |
| Displacement   | 0.3 revs/gal    |
| Max Working Pressure   | 1242 psi        |
| Max Off-BTM Pressure   | 169 psi         |
| Max Operating Torque   | 9352 ft-lbs     |
| Torque Slope   | 7.98 ft-lbs/psi |
| Max Operating pressure = Max Working psi - Max Off-BTM psi   |                 |
| <b>For Maximum Life do not exceed 1073 psi differential.</b> |                 |

| Sizing and Fit Information   |               |
|--|---------------|
| Vector Minor (in)  | 4.064         |
| Shop Fit @ 70°F  | - 0.025 Loose |
| Temp Correction Factor*  | 3.3           |
| * 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.