



Specification sheet for:

5" 6:7 Lobe 8.0 Stage PVX TR75 Group 7



PV500680-TR-7

| Rotor Details | |
|---------------------|------------|
| Overall Length (in) | 241.0 |
| Head Length (in) | 6.00 |
| Head Diameter (in) | 2.90 |
| Contour OD (in) | 3.018 |
| Ecc (in) | 0.192 |
| C to V (in) | 2.635 |
| Weight (lbs) | 321.0 |
| Std Connection | 2 3/8" HEF |

| Recommended Operating Range | |
|-----------------------------|------------------|
| Flow Rate | 150 gpm-350 gpm |
| No Load RPM | 126-294 |
| Displacement | 0.84 revs/gal |
| Max Working Pressure | 1357 psi |
| Max Off-BTM Pressure | 224 psi |
| Max Operating Torque | 3829 ft-lbs |
| Torque Slope | 2.954 ft-lbs/psi |

Max Operating pressure = Max Working psi - Max Off-BTM psi

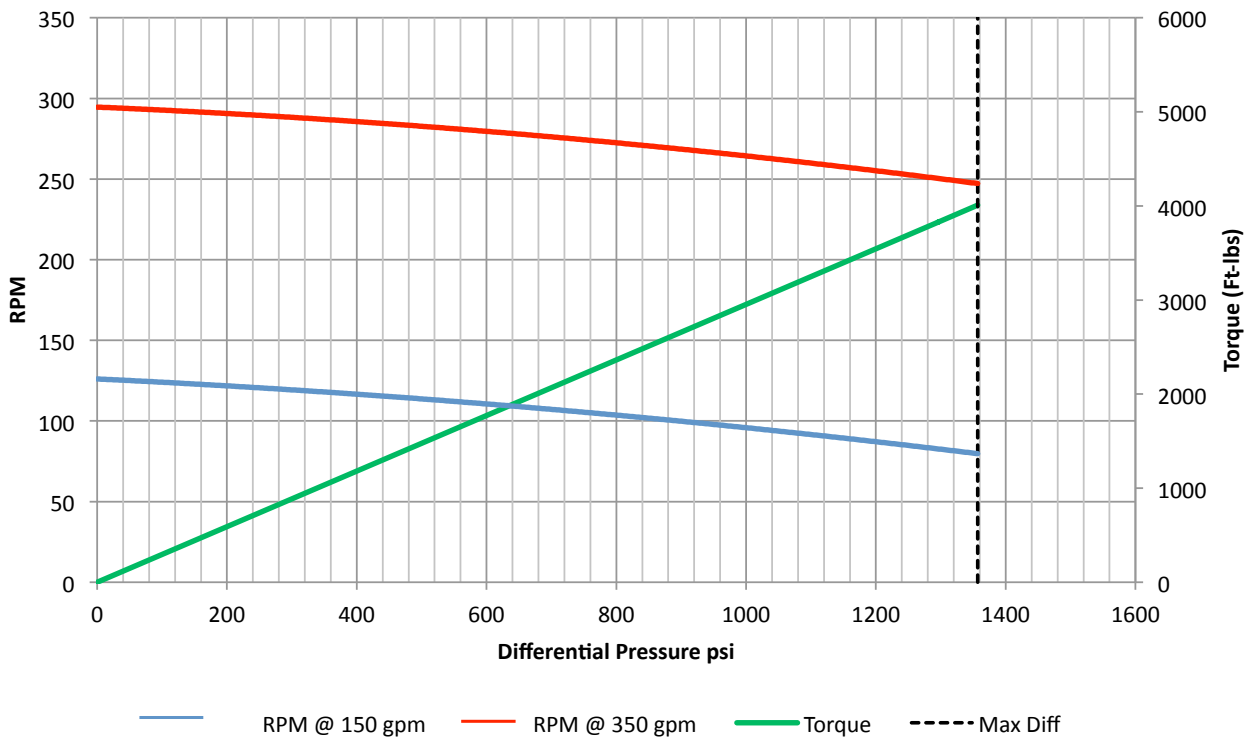
For maximum life do not exceed 1133 psi differential.

| Stator Details | |
|---------------------|-------|
| Overall Length (in) | 250.0 |
| Tube OD (in) | 5.00 |
| Tube ID (in) | 4.00 |
| Alternate OD (in) | NA |
| Std Cutbacks (in) | 8.00 |
| Weight (lbs) | 556 |

| Sizing and Fit Information | |
|----------------------------|---------------|
| Vector Minor (in) | 2.668 |
| Shop Fit @ 70°F | - 0.033 Loose |
| Temp Correction Factor* | 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.