



PV Fluid Products

SPECIFICATION SHEET FOR: 8" 4:5 LOBE 5.3 STAGE TR75 GROUP 0

PV800453-TR-0

Rotor Details

Overall Length (in)	221.0
Head Length (in)	7.00
Head Diameter (in)	4.75
Contour OD (in)	4.940
Ecc (in)	0.415
C to V (in)	4.110
Weight (lbs)	648.0
Std Connection	3 1/2" IF

Recommended Operating Range

Flow Rate	400 gpm-900 gpm
No Load RPM	104-234
Displacement	0.26 revs/gal
Max Working Pressure	621 psi
Max Off-BTM Pressure	96 psi
Max Operating Torque	5404 ft-lbs
Torque Slope	9.333 ft-lbs/psi

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

For Maximum Life do not exceed 525 psi differential.

Stator Details

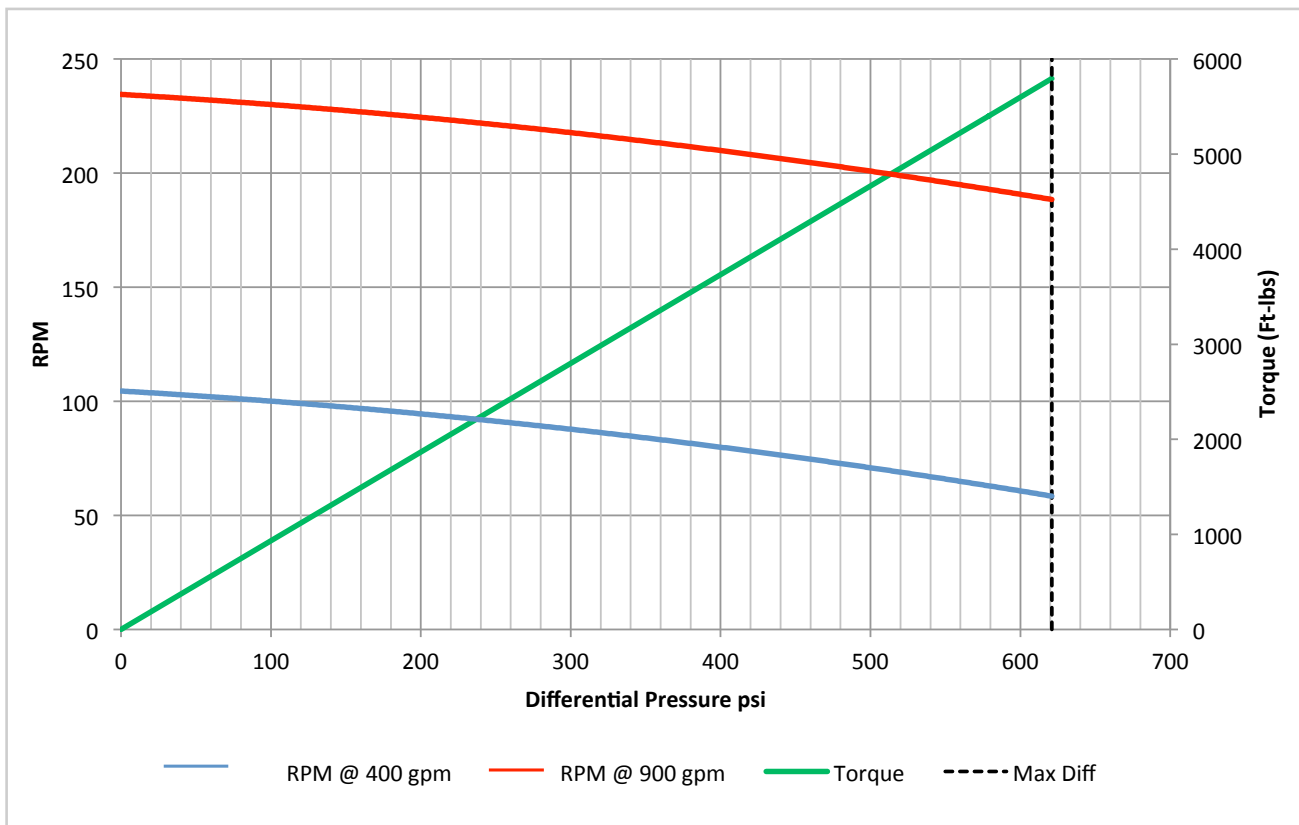
Overall Length (in)	228.0
Tube OD (in)	8.00
Tube ID (in)	6.25
Alternate OD (in)	NA
Std Cutbacks (in)	9.00
Weight (lbs)	1371

Sizing and Fit Information

Vector Minor (in)	4.098
Shop Fit @ 70°F	0.012 Compression
Temp Correction Factor*	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.