



PV Fluid Products

# SPECIFICATION SHEET FOR: 4 3/4" 7:8 LOBE 3.8 STAGE TR75 GROUP 7

## PV475738-TR-7

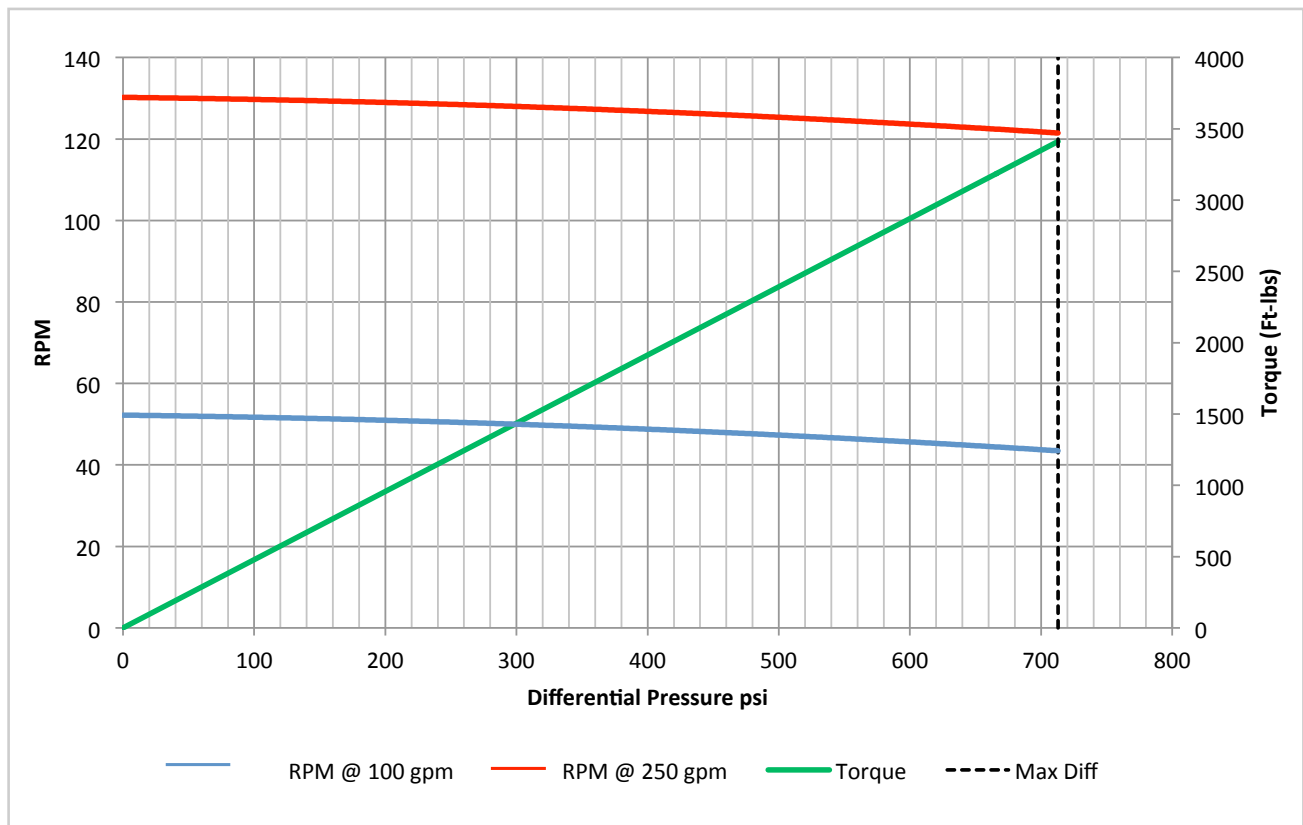
Rotor Details	
Overall Length (in)	178.0
Head Length (in)	6.00
Head Diameter (in)	2.75
Contour OD (in)	2.945
Ecc (in)	0.163
C to V (in)	2.619
Weight (lbs)	233.0
Std Connection	2 3/8" HEF

Stator Details	
Overall Length (in)	187.0
Tube OD (in)	4.75
Tube ID (in)	3.75
Alternate OD (in)	5.00
Std Cutbacks (in)	8.00
Weight (lbs)	393

Recommended Operating Range	
Flow Rate	100 gpm-250 gpm
No Load RPM	52-130
Displacement	0.52 revs/gal
Max Working Pressure	713 psi
Max Off-BTM Pressure	162 psi
Max Operating Torque	3186 ft-lbs
Torque Slope	4.783 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
<b>For Maximum Life do not exceed 551 psi differential.</b>	

Sizing and Fit Information	
Vector Minor (in)	2.656
Shop Fit @ 70°F	- 0.037 Loose
Temp Correction Factor*	6
* 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.