



# SPECIFICATION SHEET FOR: 6 1/2" 5:6 LOBE 4.5 STAGE (VBT) TR75 GROUP 0

PV Fluid Products

**PV650545-TR-0**

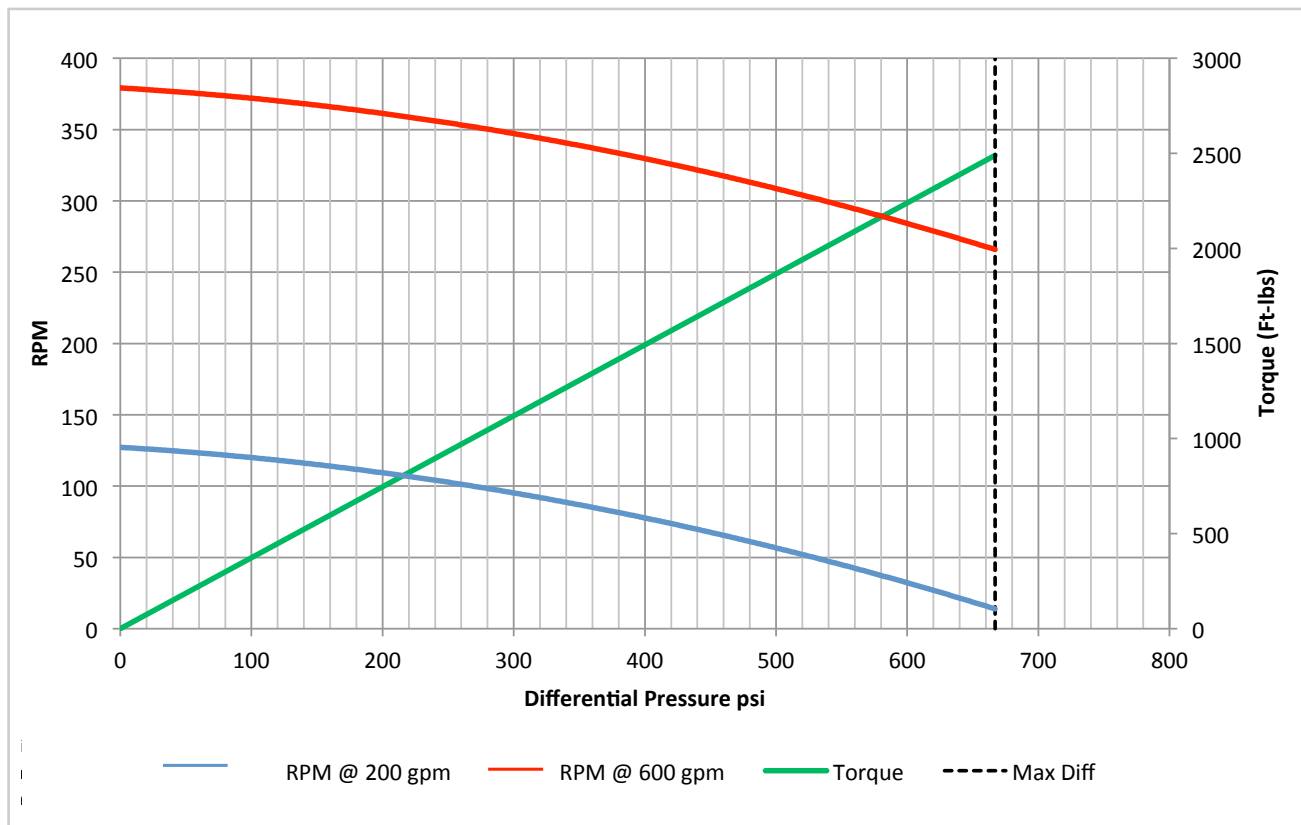
Rotor Details	
Overall Length (in)	121.5
Head Length (in)	6.00
Head Diameter (in)	3.50
Contour OD (in)	3.893
Ecc (in)	0.282
C to V (in)	3.329
Weight (lbs)	274.0
Std Connection	2 7/8" Reg

Recommended Operating Range	
Flow Rate	200 gpm-600 gpm
No Load RPM	126-378
Displacement	0.63 revs/gal
Max Working Pressure	667 psi
Max Off-BTM Pressure	149 psi
Max Operating Torque	2326 ft-lbs
Torque Slope	3.733 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
<b>For Maximum Life do not exceed 518 psi differential.</b>	

Stator Details	
Overall Length (in)	130.0
Tube OD (in)	6.50
Tube ID (in)	5.00
Alternate OD (in)	NA
Std Cutbacks (in)	8.00
Weight (lbs)	537

Sizing and Fit Information	
Vector Minor (in)	3.337
Shop Fit @ 70°F	- 0.008 Loose
Temp Correction Factor*	4
* 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.