



PV Fluid Products

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

PV500545-TR-0

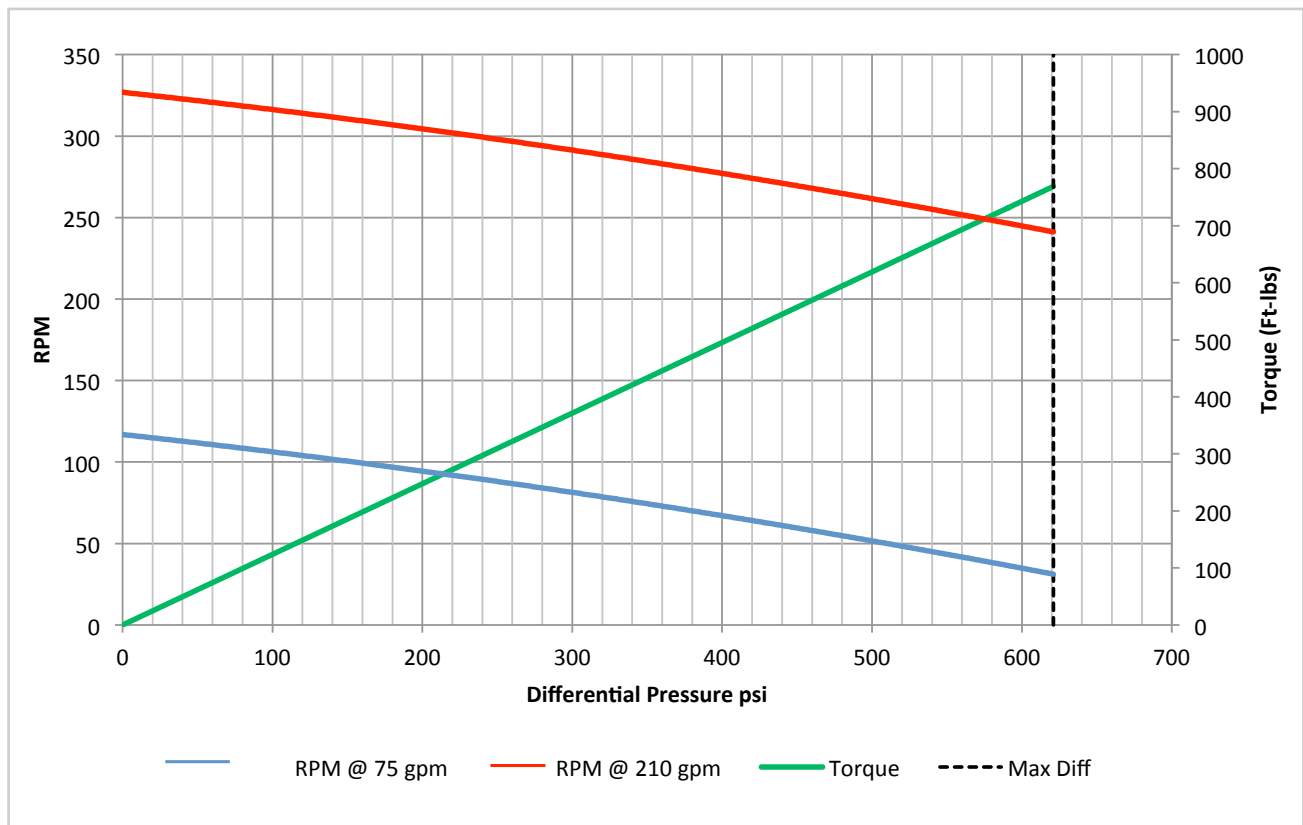
Rotor Details	
Overall Length (in)	107.0
Head Length (in)	6.00
Head Diameter (in)	2.75
Contour OD (in)	2.828
Ecc (in)	0.162
C to V (in)	2.504
Weight (lbs)	92.0
Std Connection	2 3/8" HEF

Stator Details	
Overall Length (in)	122.0
Tube OD (in)	5.00
Tube ID (in)	3.75
Alternate OD (in)	4.75
Std Cutbacks (in)	11.00
Weight (lbs)	317

Recommended Operating Range	
Flow Rate	75 gpm-210 gpm
No Load RPM	116-326
Displacement	1.55 revs/gal
Max Working Pressure	621 psi
Max Off-BTM Pressure	46 psi
Max Operating Torque	732 ft-lbs
Torque Slope	1.238 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
For Maximum Life do not exceed 575 psi differential.	

Sizing and Fit Information	
Vector Minor (in)	2.526
Shop Fit @ 70°F	- 0.022 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.