



PV Fluid Products

SPECIFICATION SHEET FOR: 5" 5:6 LOBE 4.5 STAGE (VBT) HS88 GROUP 0

PV500545-HS-0

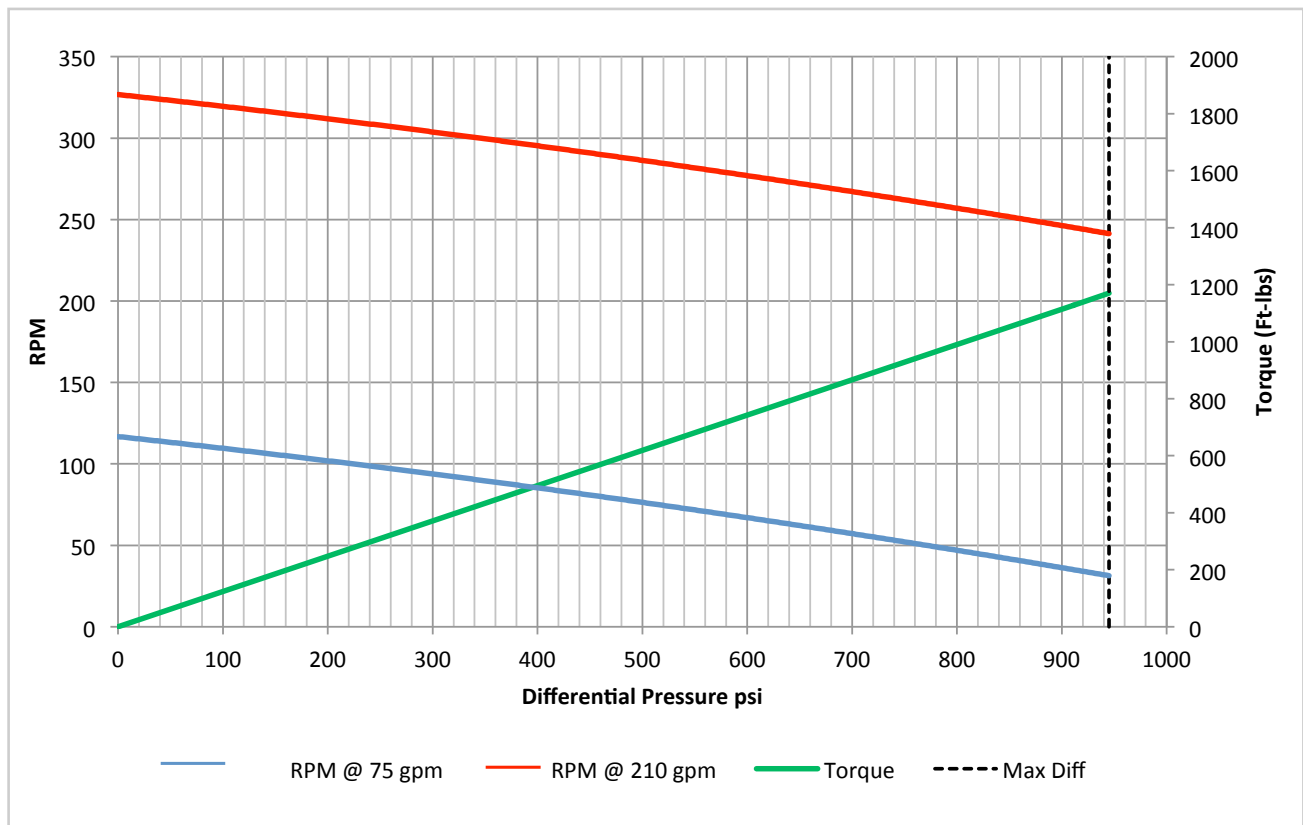
Rotor Details	
Overall Length (in)	107.0
Head Length (in)	6.00
Head Diameter (in)	2.75
Contour OD (in)	2.828
Ecc (in)	0.162
C to V (in)	2.504
Weight (lbs)	92.0

Recommended Operating Range	
Flow Rate	75 gpm-210 gpm
No Load RPM	116-326
Displacement	1.55 revs/gal
Max Working Pressure	945 psi
Max Off-BTM Pressure	51 psi
Max Operating Torque	1128 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 894 psi differential.	

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)	8.00
Weight (lbs)	317

Sizing and Fit Information	
Vector Minor (in)	2.505
Shop Fit @ 70°F	- 0.001 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.