



SPECIFICATION SHEET FOR: 6 1/2" 5:6 LOBE 4.5 STAGE (VBT) HS88 GROUP 7

PV Fluid Products

Metric

PV650545-HS-7

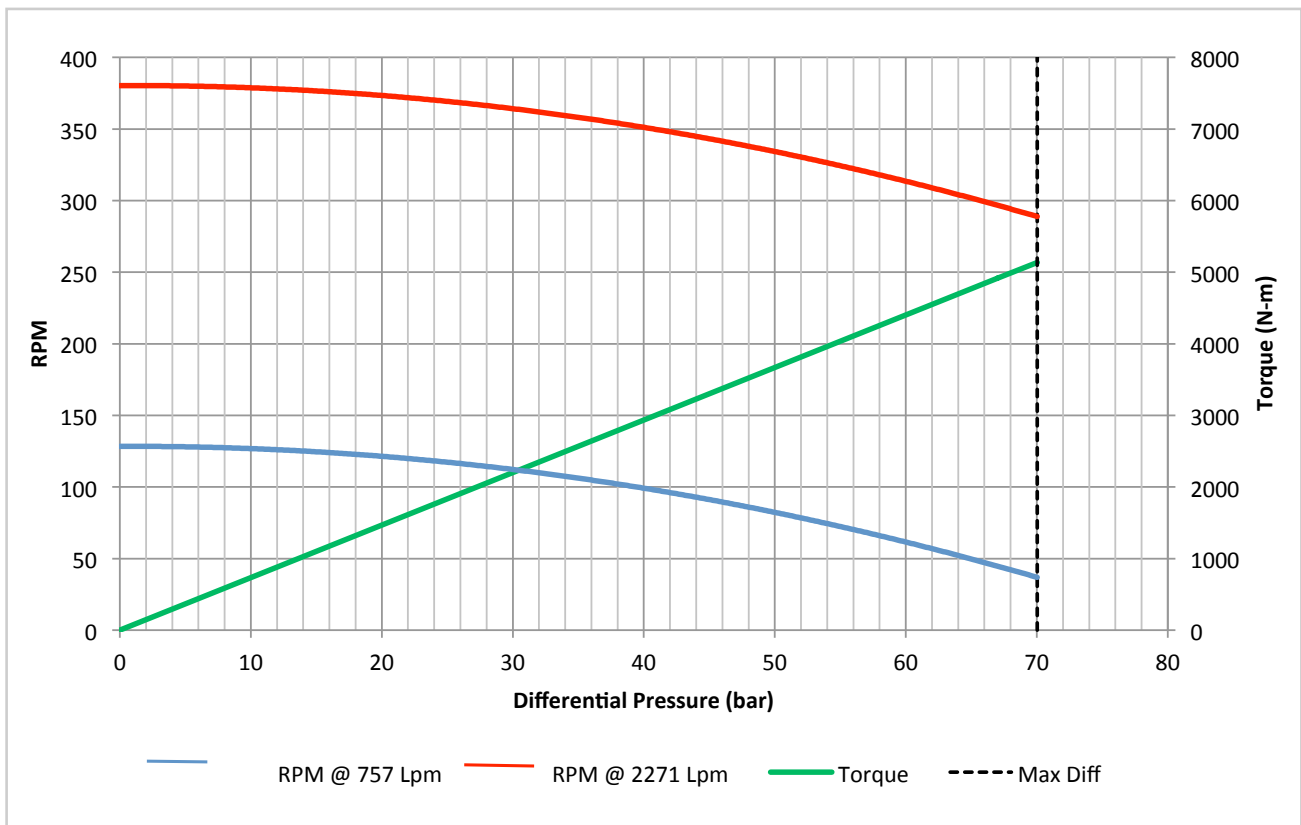
Rotor Details	
Overall Length (mm)	3086
Head Length (mm)	152
Head Diameter (mm)	89
Contour OD (mm)	98.9
Ecc (in)	0.282
C to V (in)	3.329
Weight (kg)	125
Std Connection	2 7/8" Reg

Recommended Operating Range	
Flow Rate	757 Lpm-2271 Lpm
No Load RPM	126-378
Displacement	0.166 revs/l
Max Working Pressure	70 bar
Max Off-BTM Pressure	10 bar
Max Operating Torque	4915 N-m
Torque Slope	3.733 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 67 bar differential.	

Stator Details	
Overall Length (mm)	3302
Tube OD (mm)	165
Tube ID (mm)	127
Alternate OD (mm)	NA
Std Cutbacks (mm)	203
Weight (kg)	244

Sizing and Fit Information	
Vector Minor (in)	3.365
Shop Fit @ 21°C	- 0.036 Loose
Temp Correction Factor*	2.2
* Temp correction factor is the degrees (C) 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.