



# SPECIFICATION SHEET FOR: 5" 6:7 LOBE 8.0 STAGE PVX HS88 GROUP 7

Metric

**PV500680-HS-7**

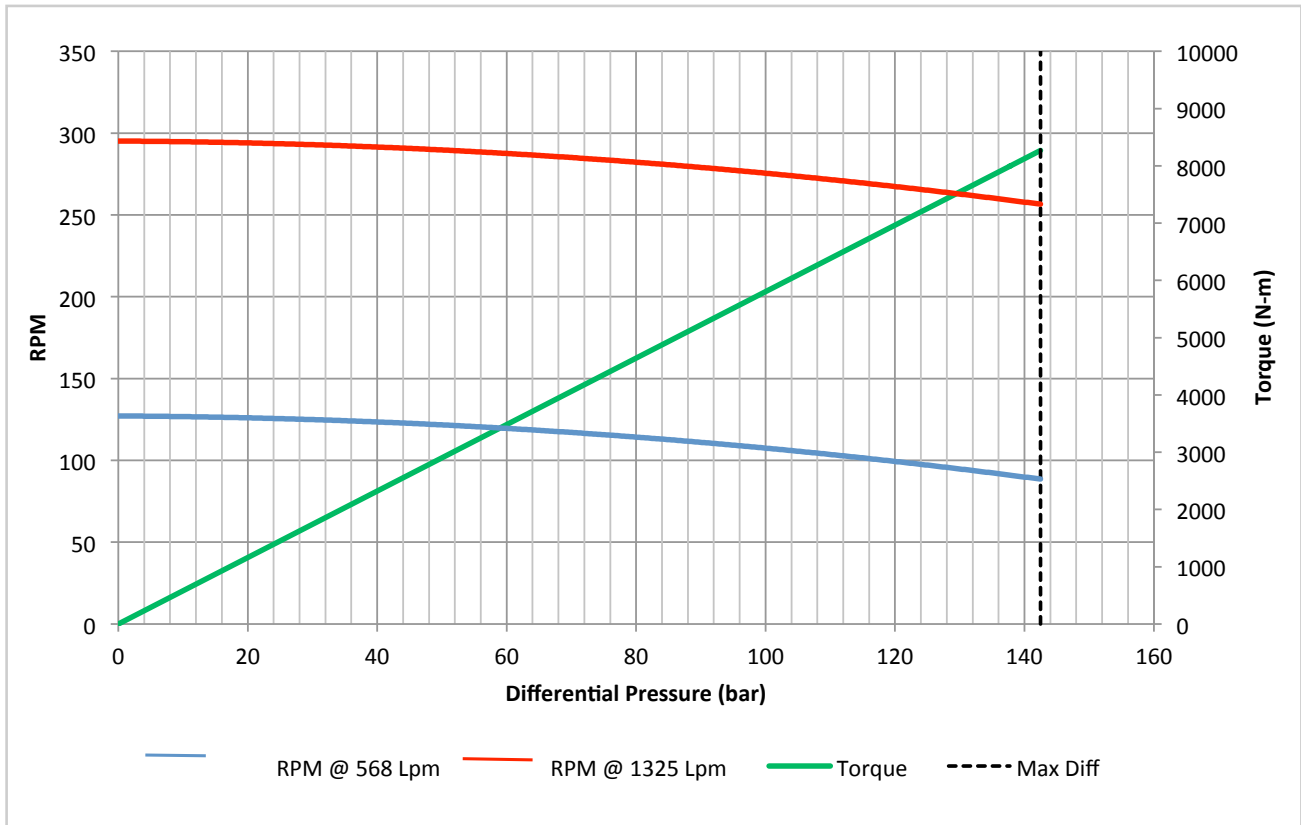
Rotor Details	
Overall Length (mm)	6121
Head Length (mm)	152
Head Diameter (mm)	74
Contour OD (mm)	76.7
Ecc (in)	0.192
C to V (in)	2.635
Weight (kg)	146
Std Connection	2 3/8" HEF

Recommended Operating Range	
Flow Rate	568 Lpm-1325 Lpm
No Load RPM	126-294
Displacement	0.222 revs/l
Max Working Pressure	142 bar
Max Off-BTM Pressure	16 bar
Max Operating Torque	7995 N-m
Torque Slope	2.954 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
<b>For Maximum Life do not exceed 138 bar differential.</b>	

Stator Details	
Overall Length (mm)	6350
Tube OD (mm)	127
Tube ID (mm)	102
Alternate OD (mm)	NA
Std Cutbacks (mm)	203
Weight (kg)	253

Sizing and Fit Information	
Vector Minor (in)	2.659
Shop Fit @ 21°C	- 0.024 Loose
Temp Correction Factor*	2.8
* 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.