



SPECIFICATION SHEET FOR: 7" 5:6 LOBE 8.2 STAGE HS88 GROUP 4

Metric

PV700582-HS-4

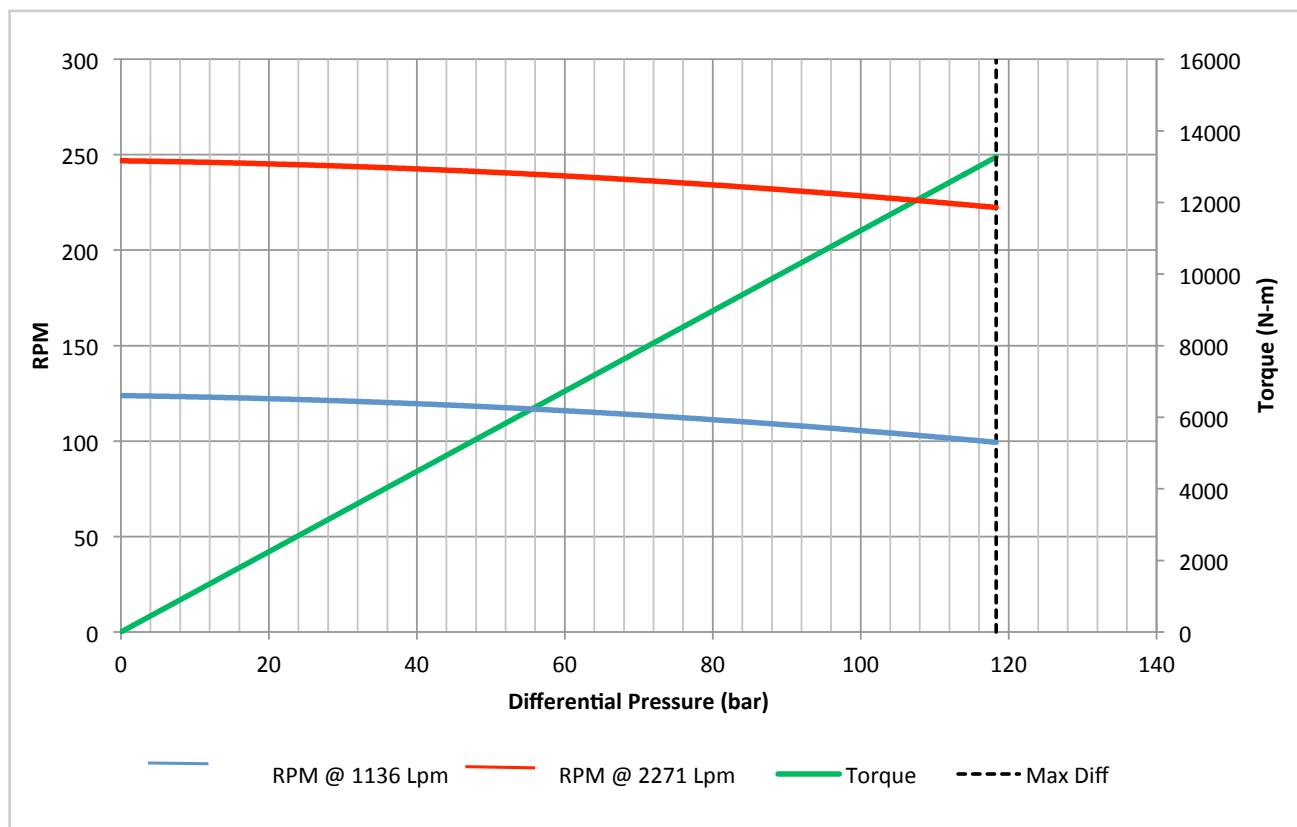
Rotor Details	
Overall Length (mm)	5918
Head Length (mm)	178
Head Diameter (mm)	114
Contour OD (mm)	111.0
Ecc (in)	0.335
C to V (in)	3.701
Weight (kg)	291
Std Connection	NA

Recommended Operating Range	
Flow Rate	1136 Lpm-2271 Lpm
No Load RPM	123-246
Displacement	0.108 revs/l
Max Working Pressure	118 bar
Max Off-BTM Pressure	8 bar
Max Operating Torque	12793 N-m
Torque Slope	5.708 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 114 bar differential.	

Stator Details	
Overall Length (mm)	6248
Tube OD (mm)	178
Tube ID (mm)	140
Alternate OD (mm)	171
Std Cutbacks (mm)	203
Weight (kg)	507

Sizing and Fit Information	
Vector Minor (in)	3.720
Shop Fit @ 21°C	- 0.019 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.