



SPECIFICATION SHEET FOR: 8" 6:7 LOBE 4.0 STAGE HS88 GROUP 4

Metric

PV800640-HS-4

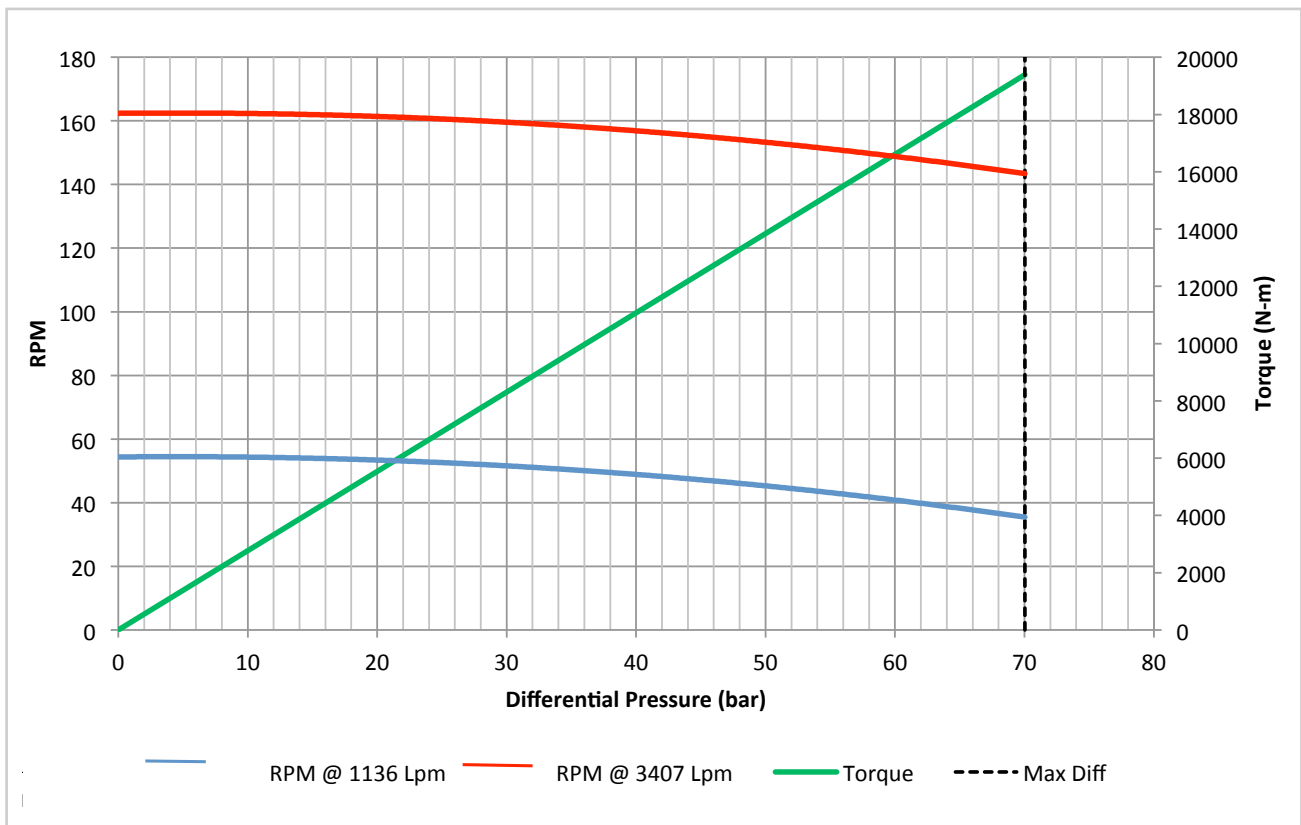
Rotor Details	
Overall Length (mm)	5055
Head Length (mm)	178
Head Diameter (mm)	121
Contour OD (mm)	125.9
Ecc (in)	0.336
C to V (in)	4.286
Weight (kg)	281
Std Connection	3 1/2" IF

Recommended Operating Range	
Flow Rate	1136 Lpm-3407 Lpm
No Load RPM	54-162
Displacement	0.046 revs/l
Max Working Pressure	70 bar
Max Off-BTM Pressure	12 bar
Max Operating Torque	18571 N-m
Torque Slope	14.092 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)	5232
Tube OD (mm)	203
Tube ID (mm)	159
Alternate OD (mm)	NA
Std Cutbacks (mm)	229
Weight (kg)	565

Sizing and Fit Information	
Vector Minor (in)	4.306
Shop Fit @ 21°C	- 0.020 Loose
Temp Correction Factor*	1.9
* 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.