



SPECIFICATION SHEET FOR: 8" 7:8 LOBE 2.2 STAGE (SS) HS88 GROUP 0

Metric

PV800722-HS-0

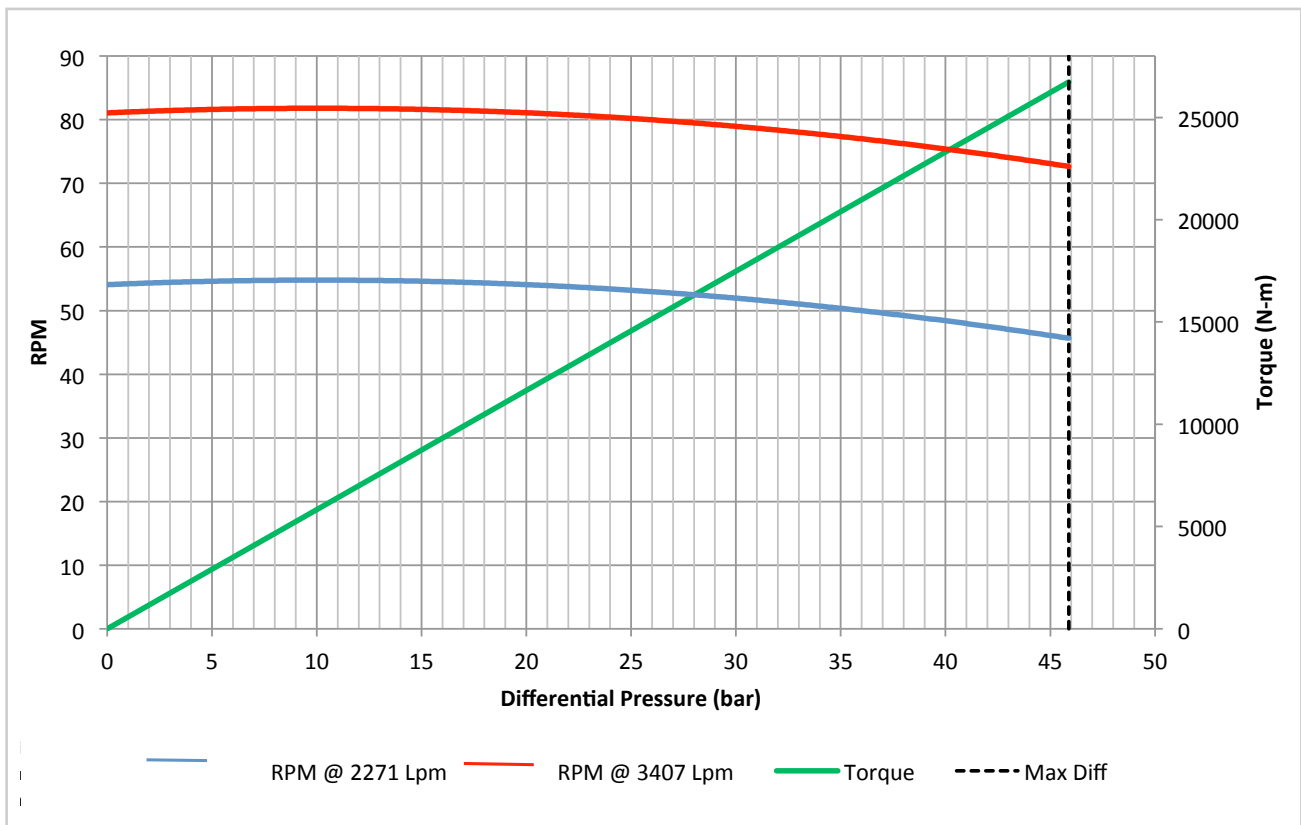
Rotor Details	
Overall Length (mm)	5613
Head Length (mm)	203
Head Diameter (mm)	121
Contour OD (mm)	128.9
Ecc (in)	0.278
C to V (in)	4.520
Weight (kg)	382
Std Connection	3 1/2" IF

Recommended Operating Range	
Flow Rate	2271 Lpm-3407 Lpm
No Load RPM	54-81
Displacement	0.023 revs/l
Max Working Pressure	46 bar
Max Off-BTM Pressure	18 bar
Max Operating Torque	25048 N-m
Torque Slope	29.654 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 43 bar differential.	

Stator Details	
Overall Length (mm)	5791
Tube OD (mm)	203
Tube ID (mm)	159
Alternate OD (mm)	197
Std Cutbacks (mm)	229
Weight (kg)	618

Sizing and Fit Information	
Vector Minor (in)	4.514
Shop Fit @ 21°C	0.006 Compression
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.