



# SPECIFICATION SHEET FOR: 8" 7:8 LOBE 4.0 STAGE HS88 GROUP 2

Metric

**PV800740-HS-2**

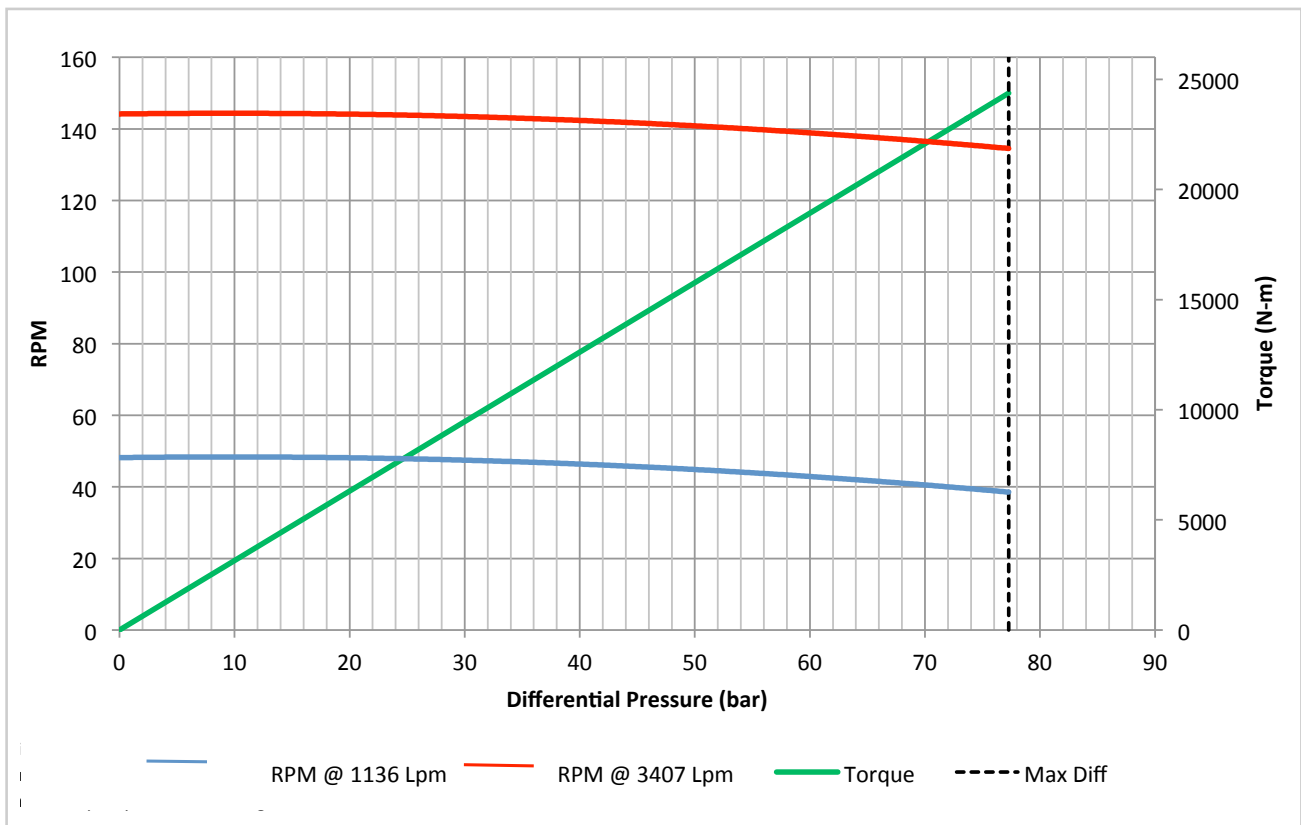
Rotor Details	
Overall Length (mm)	4991
Head Length (mm)	178
Head Diameter (mm)	121
Contour OD (mm)	131.7
Ecc (in)	0.293
C to V (in)	4.600
Weight (kg)	347
Std Connection	3 1/2" IF

Recommended Operating Range	
Flow Rate	1136 Lpm-3407 Lpm
No Load RPM	48-144
Displacement	0.042 revs/l
Max Working Pressure	77 bar
Max Off-BTM Pressure	19 bar
Max Operating Torque	23228 N-m
Torque Slope	16.056 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 74 bar differential.	

Stator Details	
Overall Length (mm)	5232
Tube OD (mm)	203
Tube ID (mm)	159
Alternate OD (mm)	197
Std Cutbacks (mm)	229
Weight (kg)	564

Sizing and Fit Information	
Vector Minor (in)	4.606
Shop Fit @ 21°C	- 0.006 Loose
Temp Correction Factor*	2.5
* 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.