



SPECIFICATION SHEET FOR: 8" 4:5 LOBE 5.3 STAGE HS88 GROUP 0

Metric

PV800453-HS-0

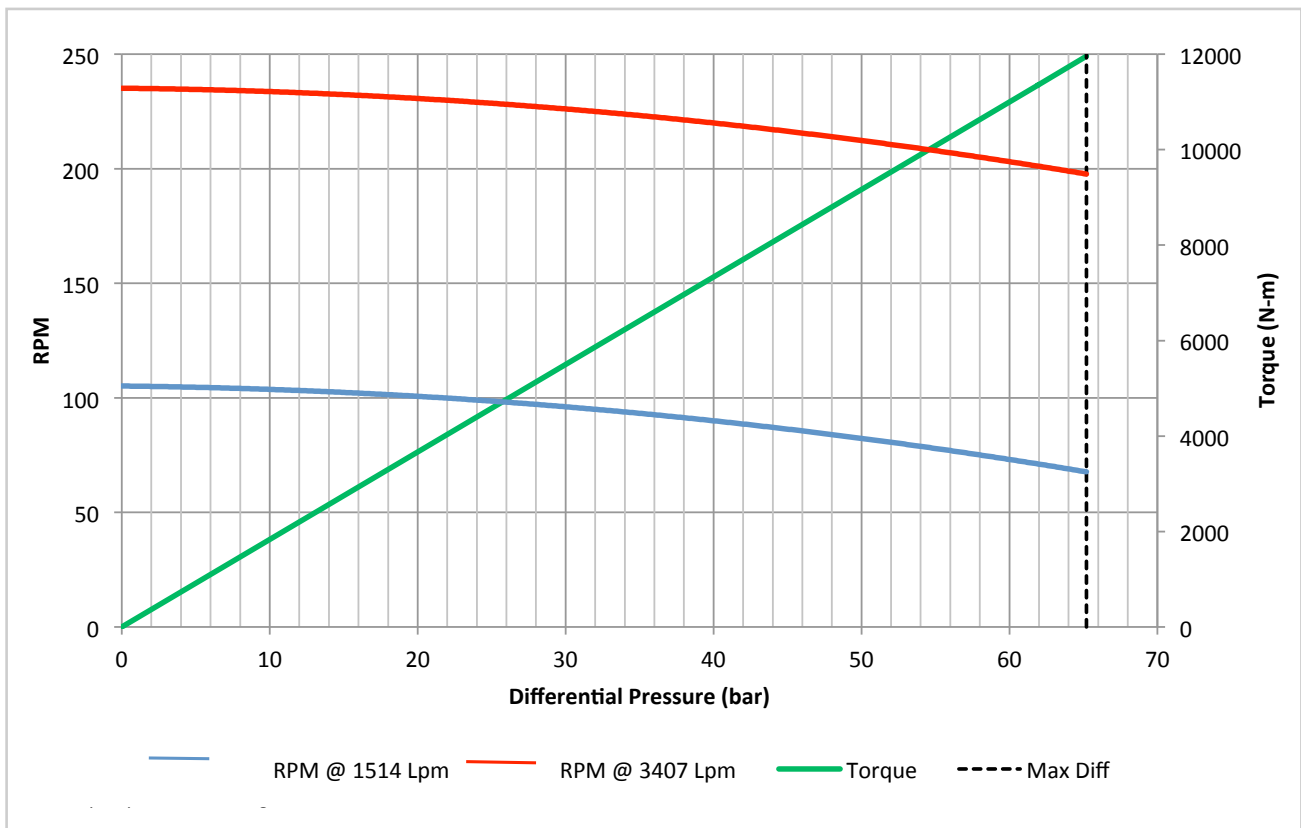
Rotor Details	
Overall Length (mm)	5613
Head Length (mm)	178
Head Diameter (mm)	121
Contour OD (mm)	125.5
Ecc (in)	0.415
C to V (in)	4.110
Weight (kg)	295
Std Connection	3 1/2" IF

Recommended Operating Range	
Flow Rate	1514 Lpm-3407 Lpm
No Load RPM	104-234
Displacement	0.068 revs/l
Max Working Pressure	65 bar
Max Off-BTM Pressure	7 bar
Max Operating Torque	11350 N-m
Torque Slope	9.333 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 62 bar differential.	

Stator Details	
Overall Length (mm)	5791
Tube OD (mm)	203
Tube ID (mm)	159
Alternate OD (mm)	NA
Std Cutbacks (mm)	229
Weight (kg)	623

Sizing and Fit Information	
Vector Minor (in)	4.097
Shop Fit @ 21°C	0.013 Compression
Temp Correction Factor*	1.7
* 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.