



# SPECIFICATION SHEET FOR: 4 3/4" 5:6 LOBE 8.3 STAGE HS88 GROUP 4

Metric

**PV475583-HS-4**

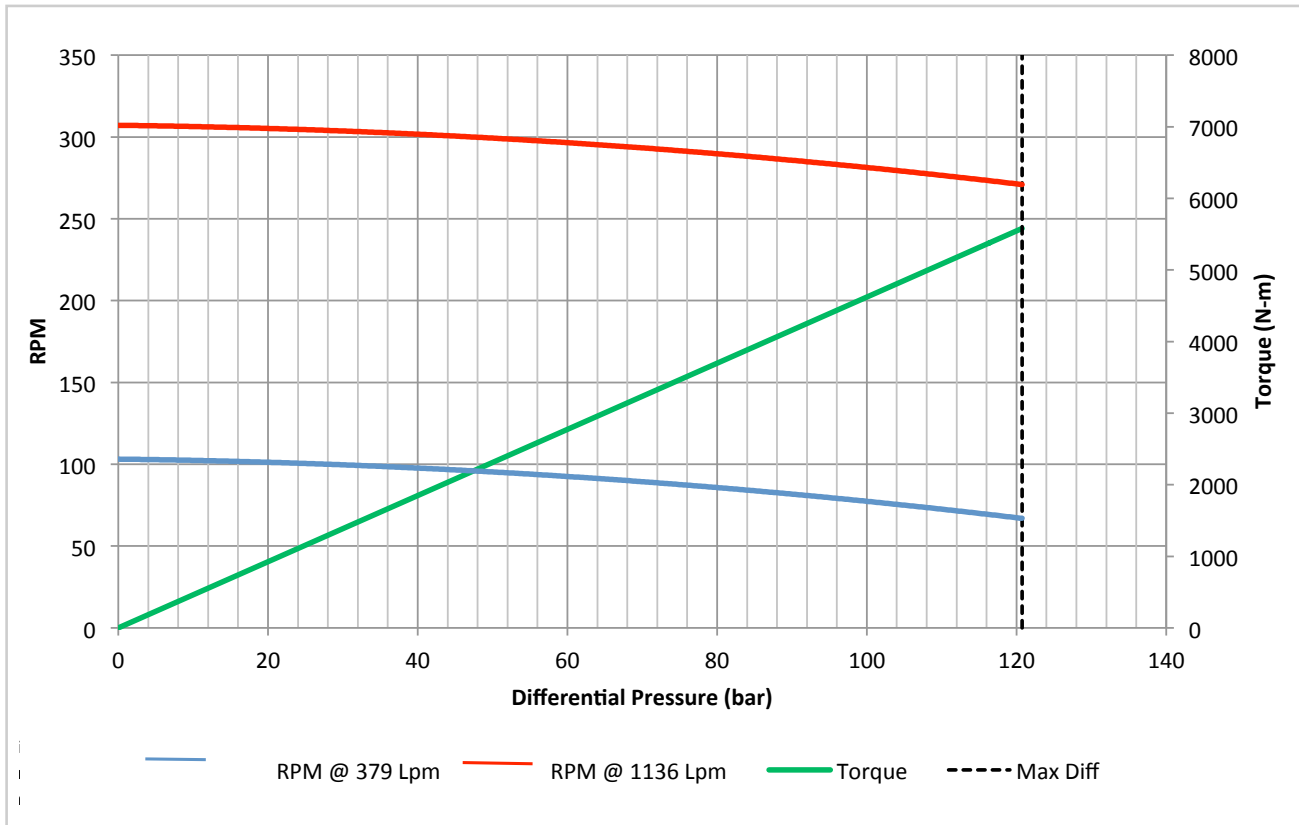
Rotor Details	
Overall Length (mm)	5827
Head Length (mm)	152
Head Diameter (mm)	70
Contour OD (mm)	74.1
Ecc (in)	0.205
C to V (in)	2.506
Weight (kg)	117
Std Connection	2 3/8" HEF

Recommended Operating Range	
Flow Rate	379 Lpm-1136 Lpm
No Load RPM	102-306
Displacement	0.269 revs/l
Max Working Pressure	121 bar
Max Off-BTM Pressure	9 bar
Max Operating Torque	5380 N-m
Torque Slope	2.352 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
<b>For Maximum Life do not exceed 116 bar differential.</b>	

Stator Details	
Overall Length (mm)	6162
Tube OD (mm)	121
Tube ID (mm)	95
Alternate OD (mm)	127
Std Cutbacks (mm)	203
Weight (kg)	228

Sizing and Fit Information	
Vector Minor (in)	2.512
Shop Fit @ 21°C	- 0.006 Loose
Temp Correction Factor*	3.1
* 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.