



# SPECIFICATION SHEET FOR: 5" 6:7 LOBE 7.0 STAGE HS88 GROUP 4

Metric

**PV500670-HS-4**

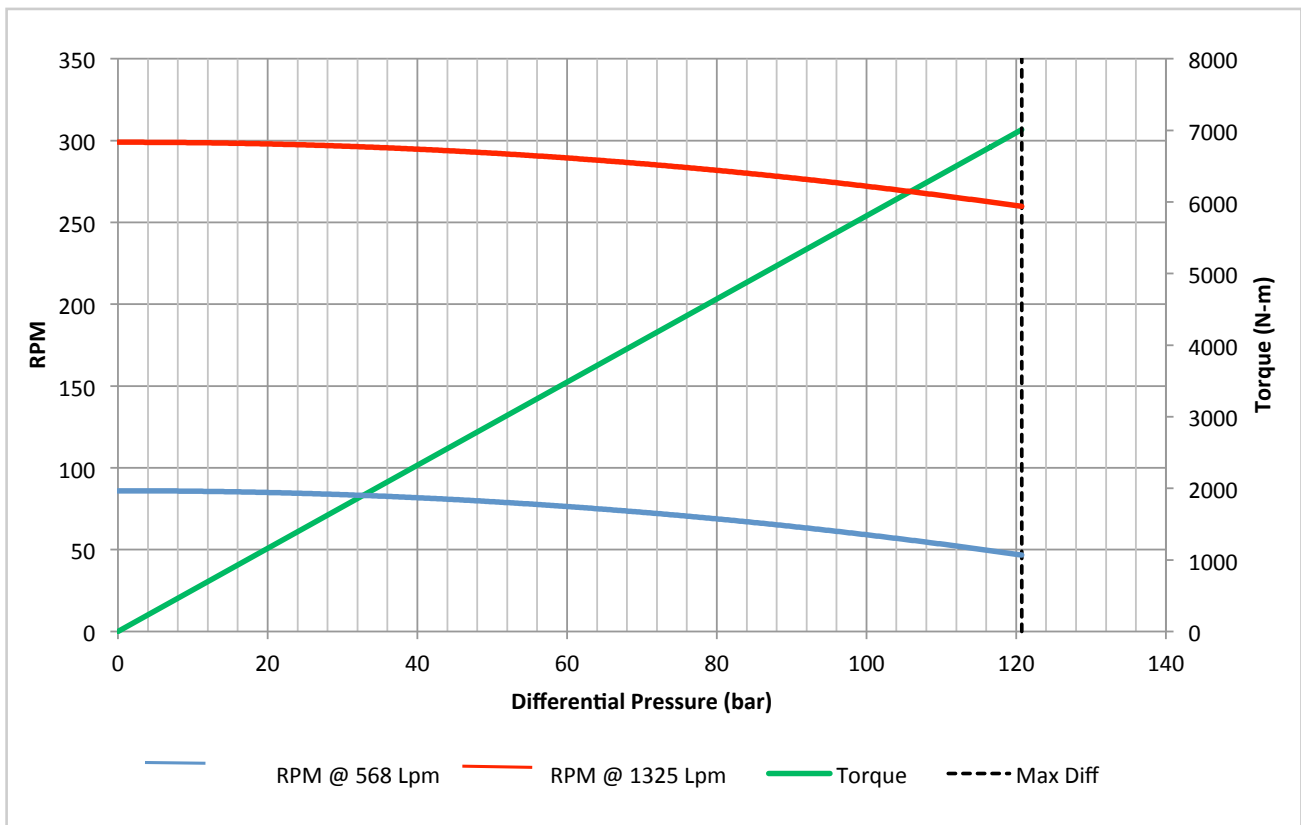
Rotor Details	
Overall Length (mm)	5207
Head Length (mm)	152
Head Diameter (mm)	74
Contour OD (mm)	76.7
Ecc (in)	0.192
C to V (in)	2.635
Weight (kg)	124
Std Connection	2 3/8" HEF

Recommended Operating Range	
Flow Rate	568 Lpm-1325 Lpm
No Load RPM	85-298
Displacement	0.225 revs/l
Max Working Pressure	121 bar
Max Off-BTM Pressure	15 bar
Max Operating Torque	6770 N-m
Torque Slope	2.954 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
<b>For Maximum Life do not exceed 117 bar differential.</b>	

Stator Details	
Overall Length (mm)	5385
Tube OD (mm)	127
Tube ID (mm)	102
Alternate OD (mm)	NA
Std Cutbacks (mm)	203
Weight (kg)	214

Sizing and Fit Information	
Vector Minor (in)	2.643
Shop Fit @ 21°C	- 0.008 Loose
Temp Correction Factor*	2.8
* 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.