



# SPECIFICATION SHEET FOR: 4 3/4" 7:8 LOBE 3.8 STAGE HS88 GROUP 2

Metric

**PV475738-HS-2**

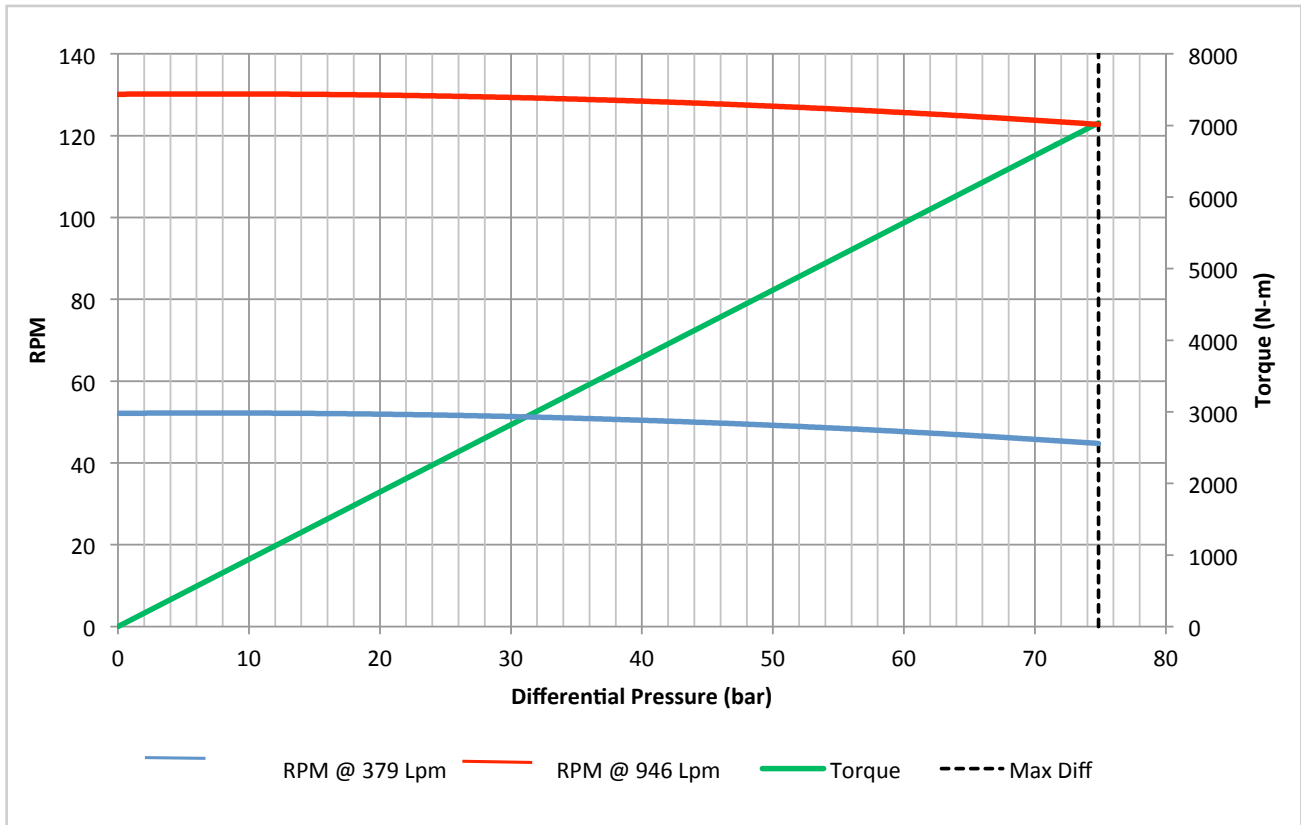
Rotor Details	
Overall Length (mm)	4521
Head Length (mm)	152
Head Diameter (mm)	75
Contour OD (mm)	74.8
Ecc (in)	0.163
C to V (in)	2.619
Weight (kg)	106
Std Connection	2 3/8" HEF

Recommended Operating Range	
Flow Rate	379 Lpm-946 Lpm
No Load RPM	52-130
Displacement	0.137 revs/l
Max Working Pressure	75 bar
Max Off-BTM Pressure	11 bar
Max Operating Torque	6732 N-m
Torque Slope	4.783 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 72 bar differential.	

Stator Details	
Overall Length (mm)	4750
Tube OD (mm)	121
Tube ID (mm)	95
Alternate OD (mm)	127
Std Cutbacks (mm)	203
Weight (kg)	175

Sizing and Fit Information	
Vector Minor (in)	2.622
Shop Fit @ 21°C	- 0.003 Loose
Temp Correction Factor*	3.3
* 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.