



# SPECIFICATION SHEET FOR: 3 3/4" 4:5 LOBE 3.5 STAGE HS88 GROUP 0

Metric

**PV375435-HS-0**

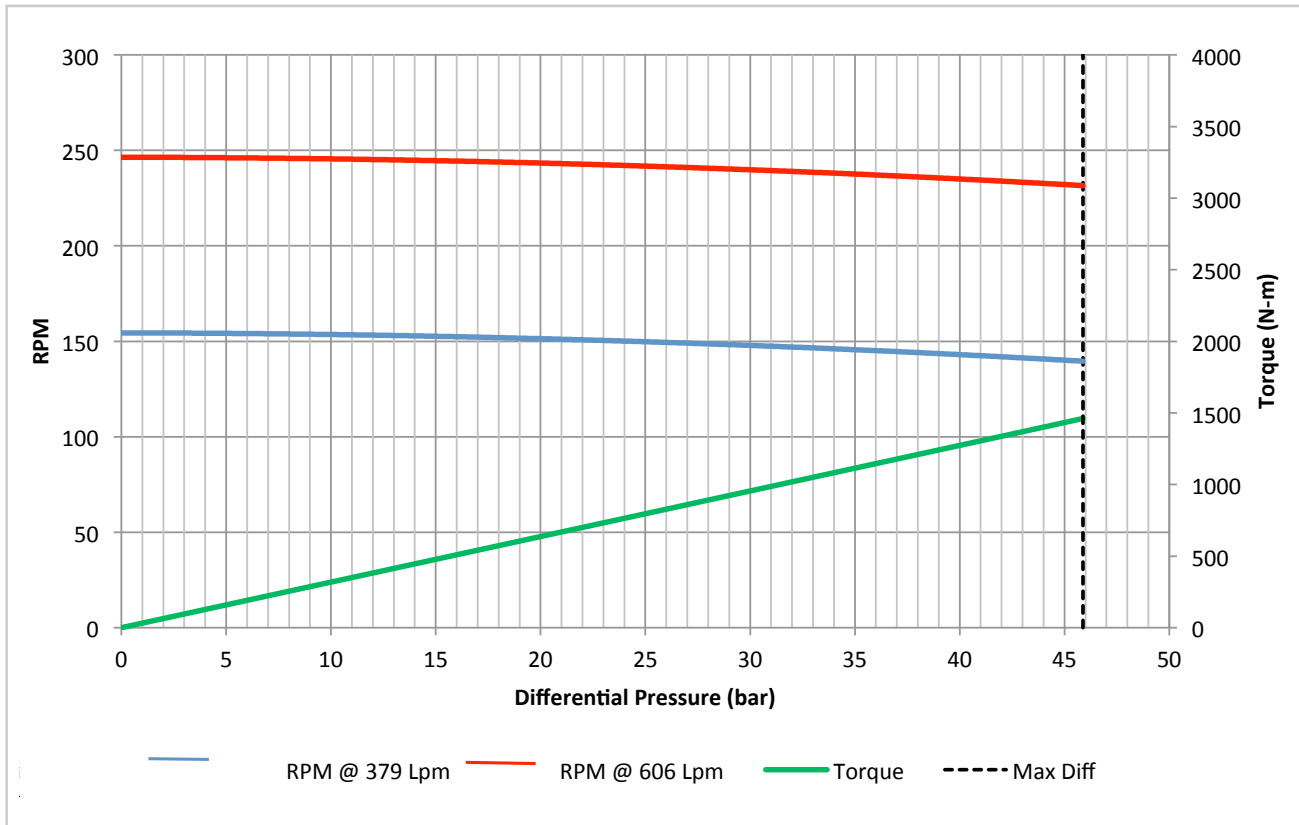
Rotor Details	
Overall Length (mm)	3277
Head Length (mm)	127
Head Diameter (mm)	44
Contour OD (mm)	54.8
Ecc (in)	0.182
C to V (in)	1.795
Weight (kg)	35
Std Connection	1 3/8" 6 Stub Acme

Recommended Operating Range	
Flow Rate	379 Lpm-606 Lpm
No Load RPM	154-246
Displacement	0.407 revs/l
Max Working Pressure	46 bar
Max Off-BTM Pressure	6 bar
Max Operating Torque	1358 N-m
Torque Slope	1.621 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 43 bar differential.	

Stator Details	
Overall Length (mm)	3581
Tube OD (mm)	95
Tube ID (mm)	76
Alternate OD (mm)	NA
Std Cutbacks (mm)	152
Weight (kg)	83

Sizing and Fit Information	
Vector Minor (in)	1.785
Shop Fit @ 21°C	0.010 Compression
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.