



PV Fluid Products

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

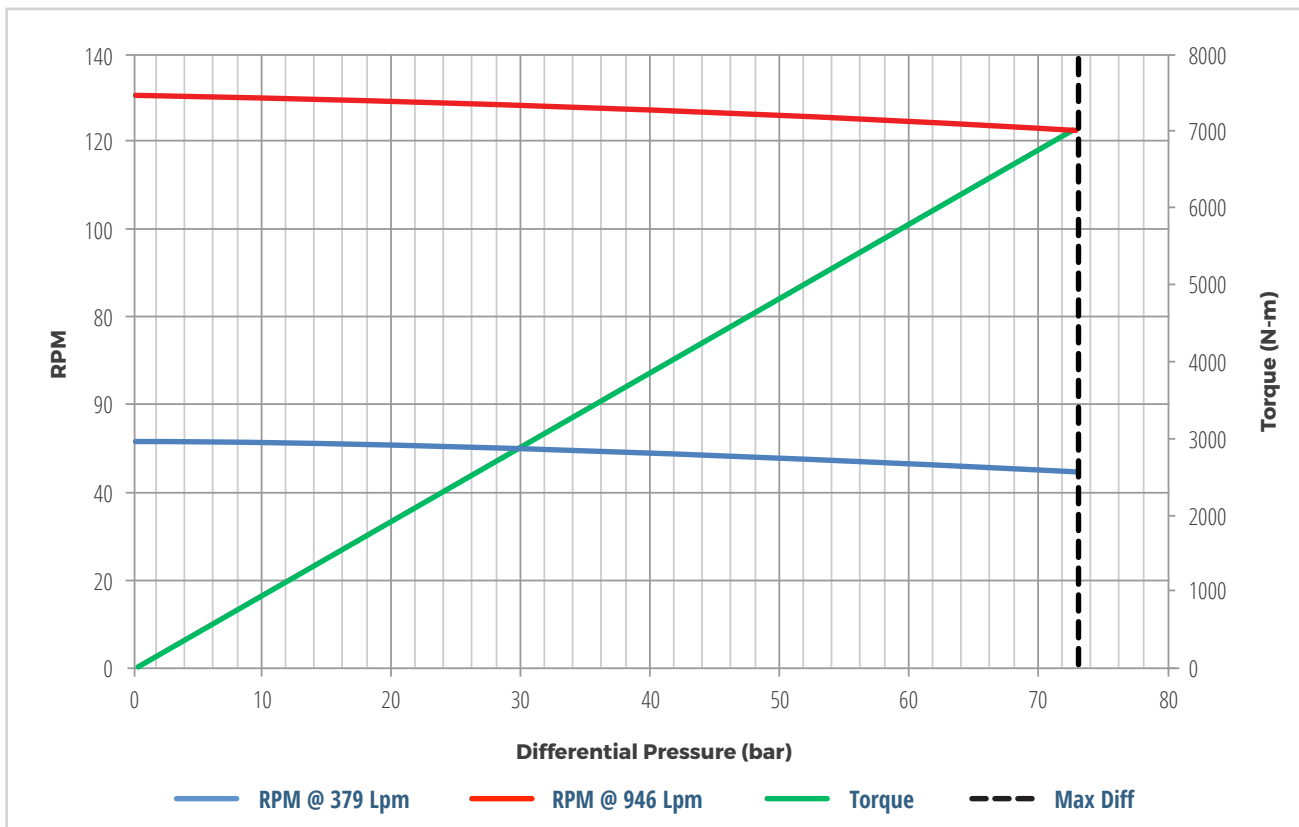
PV475738-HS-4

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

Recommended Operating Range	
Flow Rate	379 Lpm-946 Lpm
No Load RPM	52-130
Displacement	0.137 revs/l 75 bar 11 bar
Max Working Pressure	6732 N-m
Max Off-BTM Pressure	4.783 ft-lbs/psi
Max Operating Torque	4965 ft-lbs
Torque Slope	4.783 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
For Maximum Life do not exceed 923 psi differential.	

Stator Details	
Overall Length (mm)	187.0
Tube OD (mm)	121
Tube ID (mm)	95
Alternate OD (mm)	127
Std Cutbacks (mm)	203
Weight (mm)	175

Sizing and Fit Information	
Vector Minor (in)	2.637
Shop Fit @ 70°F	-0.018 Compression
Temp Correction Factor*	3.3
* Temp correction factor is the degrees (F) required to change the stator size by .001" on diameter.	



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.