



PV Fluid Products

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

PV375435-HS-0

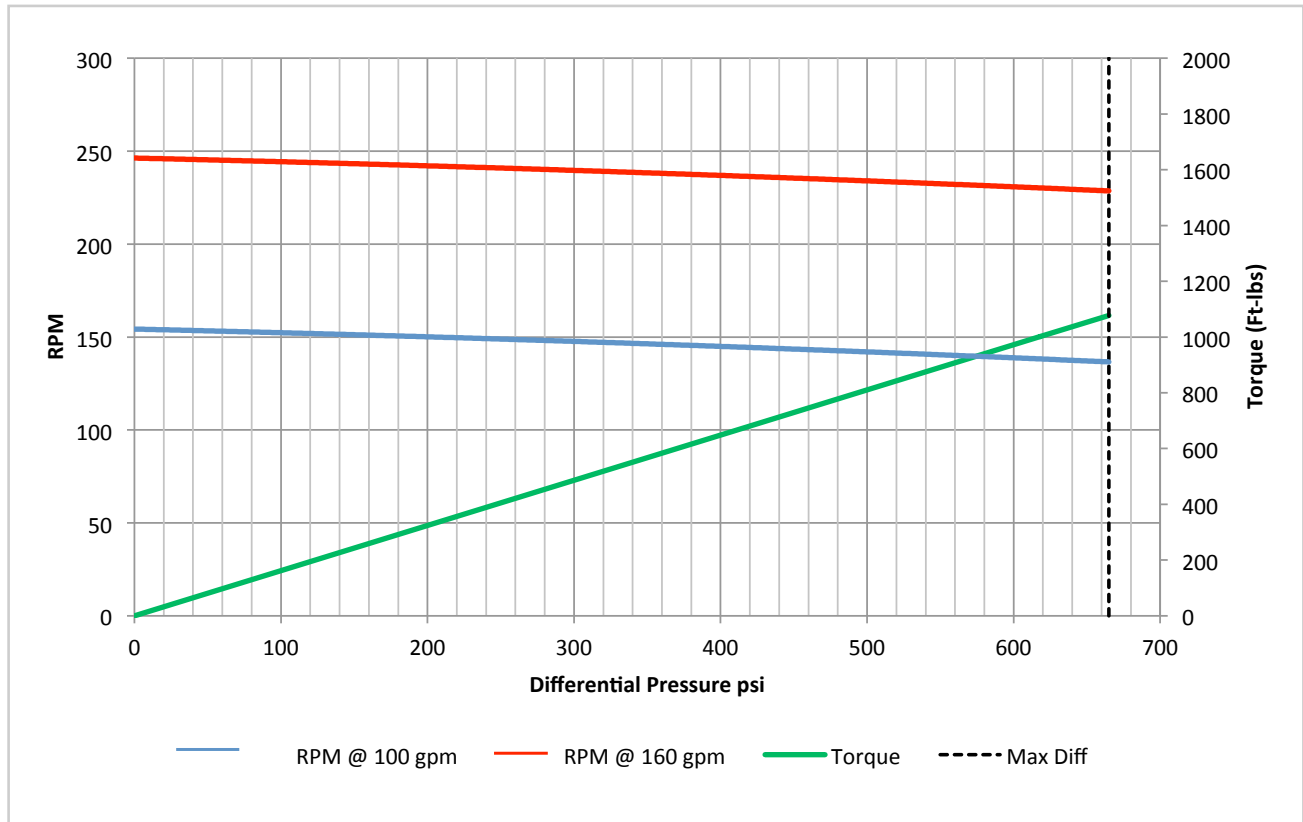
Rotor Details	
Overall Length (in)	129.0
Head Length (in)	5.00
Head Diameter (in)	1.75
Contour OD (in)	2.159
Ecc (in)	0.182
C to V (in)	1.795
Weight (lbs)	77.0

Recommended Operating Range	
Flow Rate	100 gpm-160 gpm
No Load RPM	154-246
Displacement	1.54 revs/gal
Max Working Pressure	665 psi
Max Off-BTM Pressure	82 psi
Max Operating Torque	1001 ft-lbs
Torque Slope	1.621 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
For Maximum Life do not exceed 583 psi differential.	

Stator Details	
Overall Length (in)	141.0
Tube OD (in)	3.75
Tube ID (in)	3.00
Alternate OD (in)	NA
Std Cutbacks (in)	6.00
Weight (lbs)	182

Sizing and Fit Information	
Vector Minor (in)	1.785
Shop Fit @ 70°F	0.010 Compression
Temp Correction Factor*	5.5
* Temp correction factor is the degrees (F) 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.