



PV Fluid Products

SPECIFICATION SHEET FOR: 4 3/4" 7:8 LOBE 3.7 STAGE HS88 GROUP 0

PV475737-HS-0

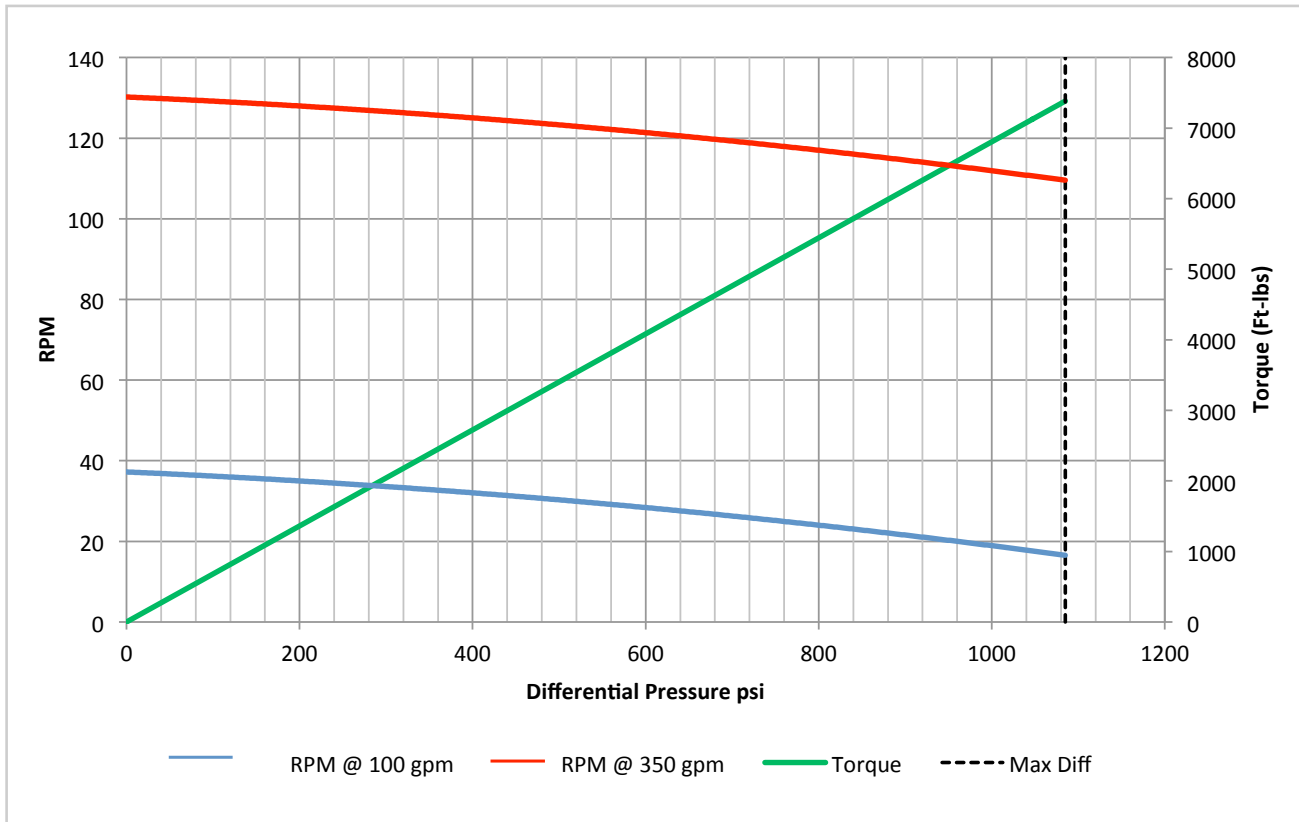
Rotor Details	
Overall Length (in)	214.8
Head Length (in)	6.00
Head Diameter (in)	3.13
Contour OD (in)	3.120
Ecc (in)	0.177
C to V (in)	2.767
Weight (lbs)	297.0

Recommended Operating Range	
Flow Rate	100 gpm-350 gpm
No Load RPM	37-130
Displacement	0.37 revs/gal
Max Working Pressure	1085 psi
Max Off-BTM Pressure	187 psi
Max Operating Torque	7124 ft-lbs
Torque Slope	6.804 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
For Maximum Life do not exceed 898 psi differential.	

Stator Details	
Overall Length (in)	235.0
Tube OD (in)	4.75
Tube ID (in)	3.88
Alternate OD (in)	5.00
Std Cutbacks (in)	8.00
Weight (lbs)	562

Sizing and Fit Information	
Vector Minor (in)	2.762
Shop Fit @ 70°F	0.005 Compression
Temp Correction Factor*	6.5
* 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.