



PV Fluid Products

# SPECIFICATION SHEET FOR: 4 3/4" 5:6 LOBE 8.3 STAGE HS88 GROUP 4

## PV475583-HS-4

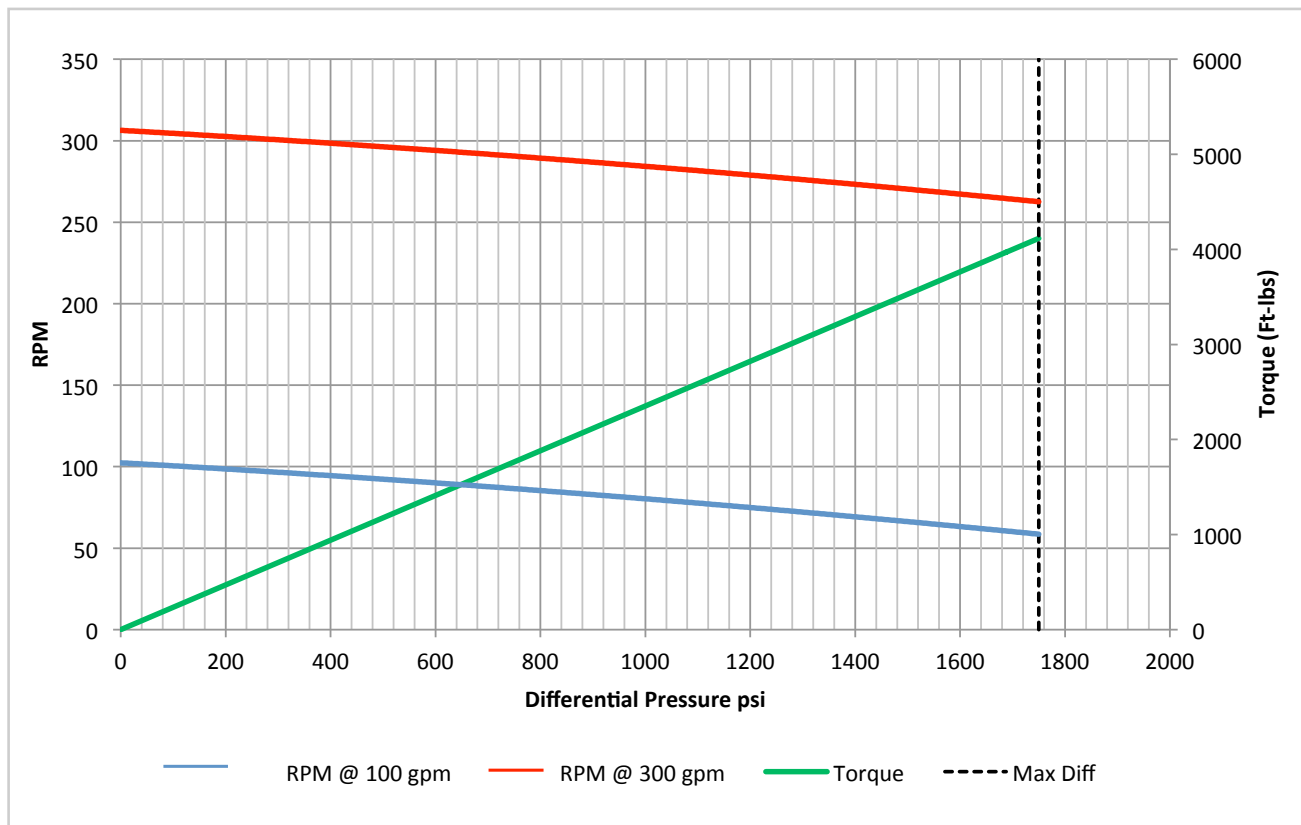
Rotor Details	
Overall Length (in)	229.4
Head Length (in)	6.00
Head Diameter (in)	2.75
Contour OD (in)	2.916
Ecc (in)	0.205
C to V (in)	2.506
Weight (lbs)	257.0

Recommended Operating Range	
Flow Rate	100 gpm-300 gpm
No Load RPM	102-306
Displacement	1.02 revs/gal
Max Working Pressure	1750 psi
Max Off-BTM Pressure	136 psi
Max Operating Torque	3968 ft-lbs
Torque Slope	2.352 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
<b>For Maximum Life do not exceed 1614 psi differential.</b>	

Stator Details	
Overall Length (in)	242.6
Tube OD (in)	4.75
Tube ID (in)	3.75
Alternate OD (in)	5.00
Std Cutbacks (in)	8.00
Weight (lbs)	502

Sizing and Fit Information	
Vector Minor (in)	2.514
Shop Fit @ 70°F	- 0.008 Loose
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.