



PV Fluid Products

SPECIFICATION SHEET FOR: 8" 4:5 LOBE 5.3 STAGE HS88 GROUP 0

PV800453-HS-0

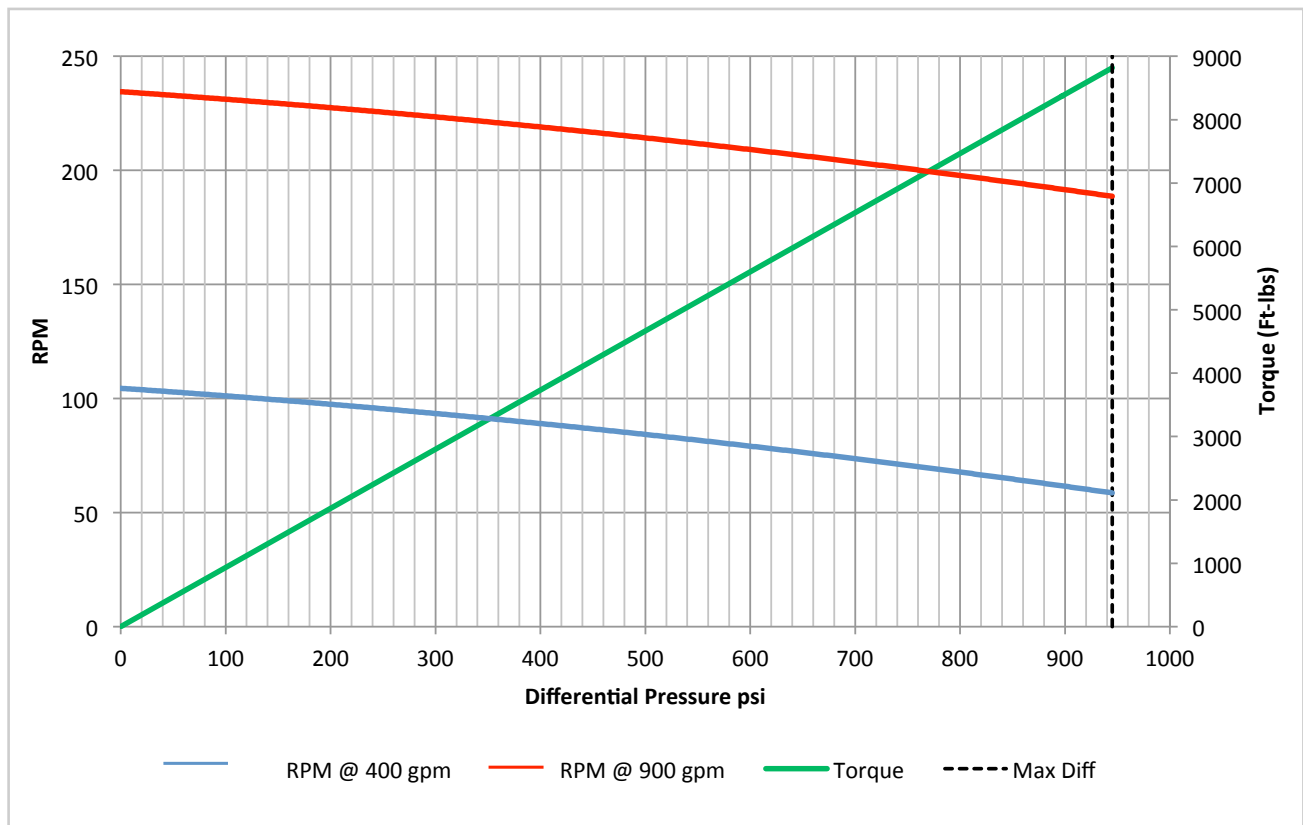
Rotor Details	
Overall Length (in)	221.0
Head Length (in)	7.00
Head Diameter (in)	4.75
Contour OD (in)	4.940
Ecc (in)	0.415
C to V (in)	4.110
Weight (lbs)	648.0

Recommended Operating Range	
Flow Rate	400 gpm-900 gpm
No Load RPM	104-234
Displacement	0.26 revs/gal
Max Working Pressure	945 psi
Max Off-BTM Pressure	102 psi
Max Operating Torque	8371 ft-lbs
Torque Slope	9.333 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
For Maximum Life do not exceed 843 psi differential.	

Stator Details	
Overall Length (in)	228.0
Tube OD (in)	8.00
Tube ID (in)	6.25
Alternate OD (in)	NA
Std Cutbacks (in)	9.00
Weight (lbs)	1371

Sizing and Fit Information	
Vector Minor (in)	4.097
Shop Fit @ 70°F	0.013 Compression
Temp Correction Factor*	3
* 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.