



PV Fluid Products

SPECIFICATION SHEET FOR: 4 3/4 7:8 LOBE 3.1 STAGE (SS) HS88 GROUP 0

PV475731-HS-0

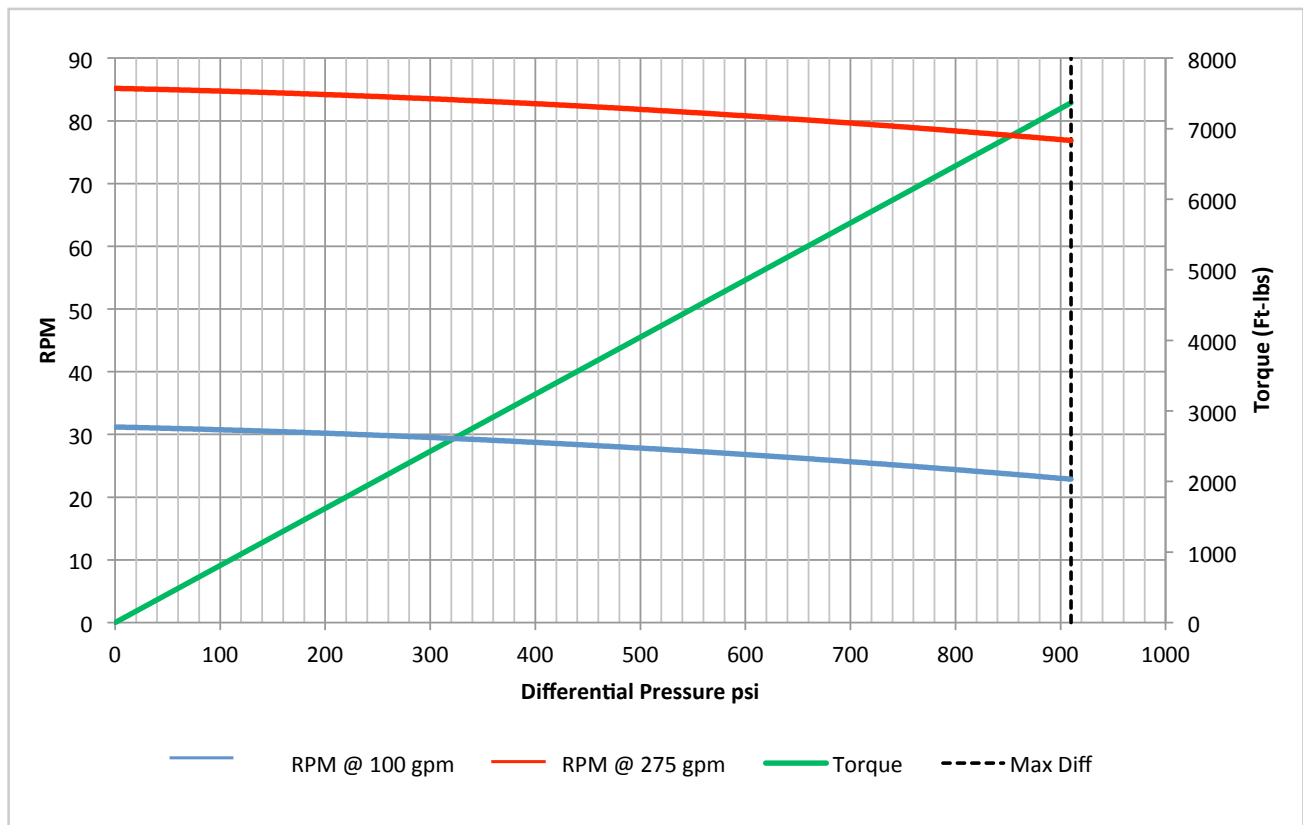
Rotor Details	
Overall Length (in)	229.0
Head Length (in)	6.00
Head Diameter (in)	2.75
Contour OD (in)	3.024
Ecc (in)	0.168
C to V (in)	2.688
Weight (lbs)	316.0

Recommended Operating Range	
Flow Rate	100 gpm-275 gpm
No Load RPM	31-85
Displacement	0.31 revs/gal
Max Working Pressure	910 psi
Max Off-BTM Pressure	174 psi
Max Operating Torque	7033 ft-lbs
Torque Slope	8.093 ft-lbs/psi
Max Operating pressure = Max Working psi - Max Off-BTM psi	
For Maximum Life do not exceed 736 psi differential.	

Stator Details	
Overall Length (in)	238.0
Tube OD (in)	4.75
Tube ID (in)	3.75
Alternate OD (in)	NA
Std Cutbacks (in)	8.00
Weight (lbs)	487

Sizing and Fit Information	
Vector Minor (in)	2.686
Shop Fit @ 70°F	0.002 Compression
Temp Correction Factor*	7
* 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.