



PV Fluid Products

SPECIFICATION SHEET FOR: 5" 6:7 LOBE 7.0 STAGE HS88 GROUP 0

PV500670-HS-0

Rotor Details

Overall Length (in)	205.0
Head Length (in)	6.00
Head Diameter (in)	2.90
Contour OD (in)	3.018
Ecc (in)	0.192
C to V (in)	2.635
Weight (lbs)	273.0

Recommended Operating Range

Flow Rate	150 gpm-350 gpm
No Load RPM	85-298
Displacement	0.85 revs/gal
Max Working Pressure	1750 psi
Max Off-BTM Pressure	223 psi
Max Operating Torque	4993 ft-lbs
Torque Slope	2.954 ft-lbs/psi

Max Operating pressure = Max Working psi - Max Off-BTM psi

For Maximum Life do not exceed 1527 psi differential.

Stator Details

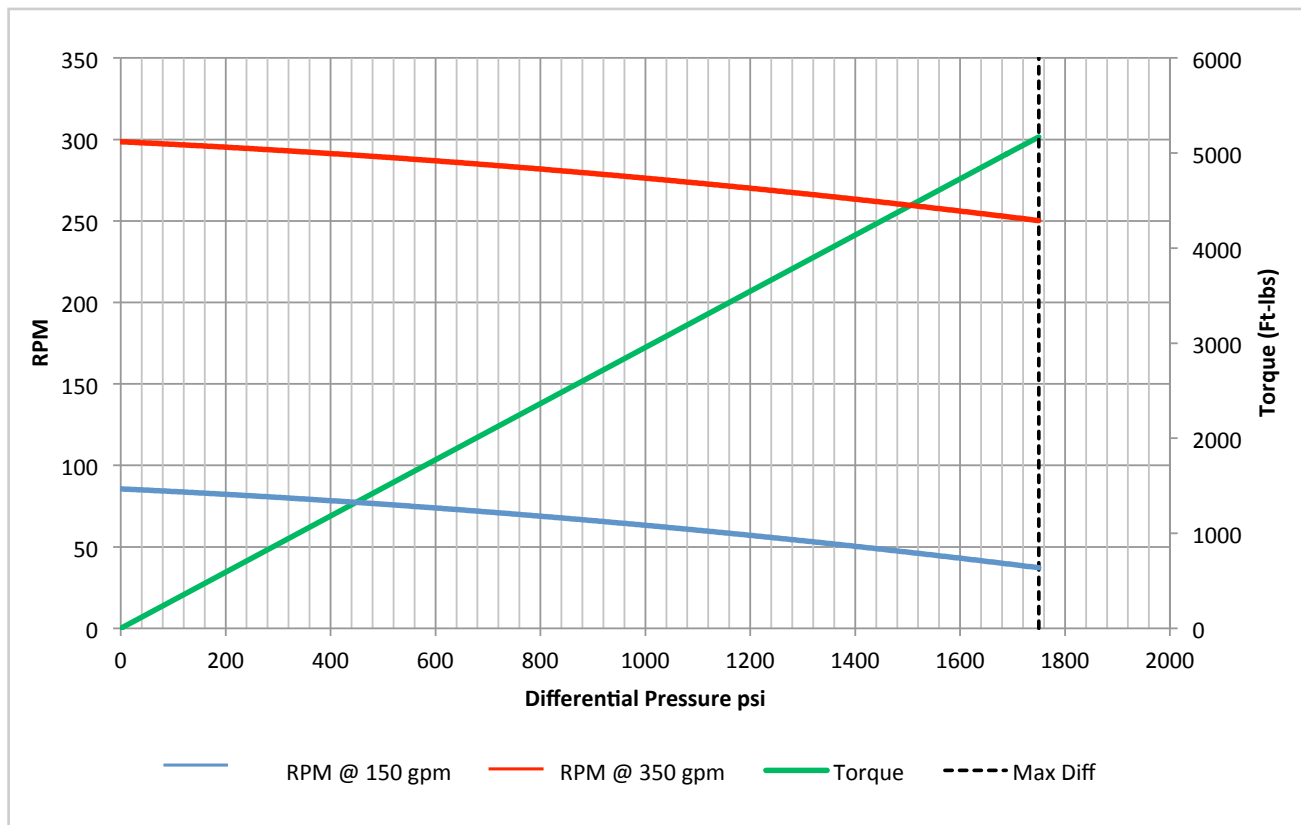
Overall Length (in)	212.0
Tube OD (in)	5.00
Tube ID (in)	4.00
Alternate OD (in)	NA
Std Cutbacks (in)	8.00
Weight (lbs)	471

Sizing and Fit Information

Vector Minor (in)	2.629
Shop Fit @ 70°F	0.006 Compression
Temp Correction Factor*	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.