



SPECIFICATION SHEET FOR: 5" 5:6 LOBE 4.5 STAGE (VBT) HS88 GROUP 0

Metric

PV500545-HS-0

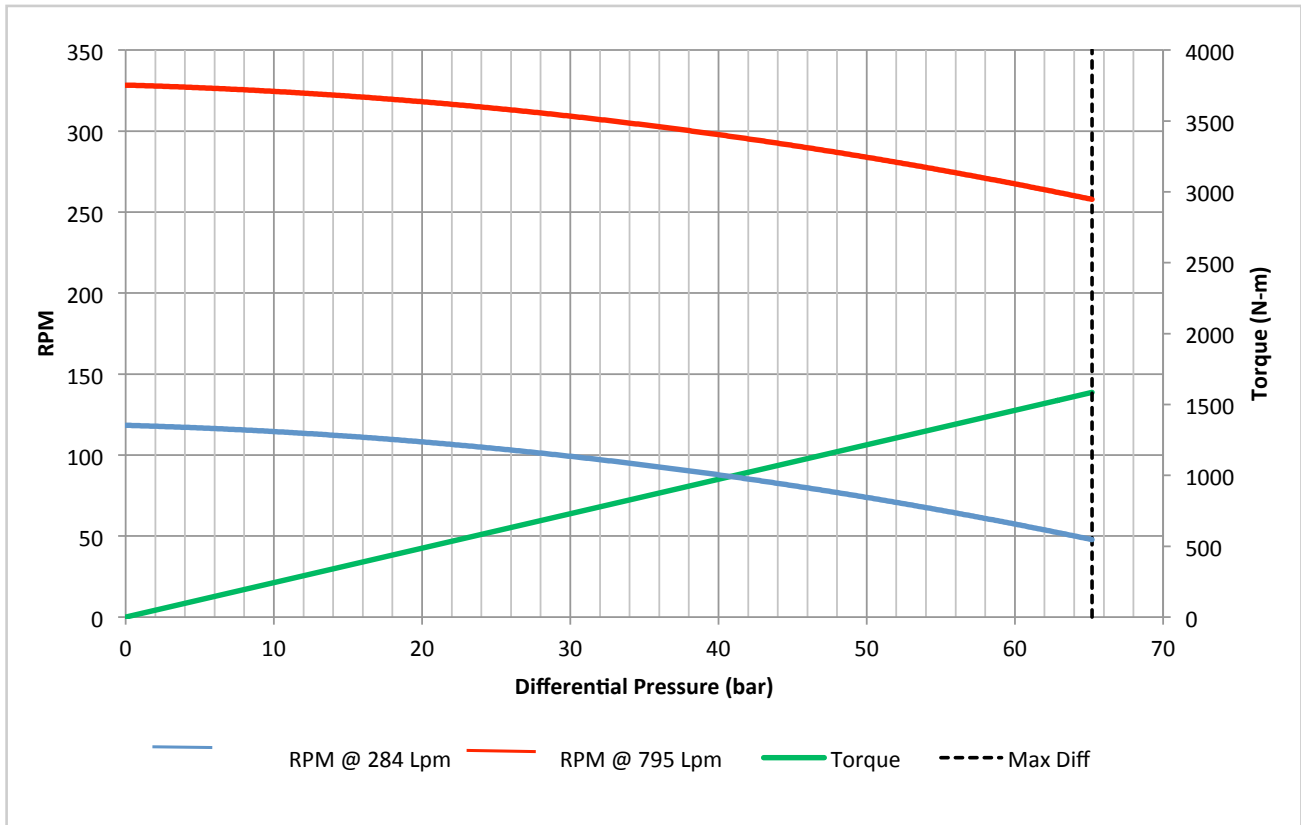
Rotor Details	
Overall Length (mm)	2718
Head Length (mm)	152
Head Diameter (mm)	70
Contour OD (mm)	71.8
Ecc (in)	0.162
C to V (in)	2.504
Weight (kg)	42
Std Connection	2 3/8" HEF

Recommended Operating Range	
Flow Rate	284 Lpm-795 Lpm
No Load RPM	116-326
Displacement	0.409 revs/l
Max Working Pressure	65 bar
Max Off-BTM Pressure	4 bar
Max Operating Torque	1529 N-m
Torque Slope	1.238 ft-lbs/psi
Max Operating pressure = Max Working kpa - Max Off-BTM kpa	
For Maximum Life do not exceed 63 bar differential.	

Stator Details	
Overall Length (mm)	3099
Tube OD (mm)	127
Tube ID (mm)	95
Alternate OD (mm)	121
Std Cutbacks (mm)	203
Weight (kg)	144

Sizing and Fit Information	
Vector Minor (in)	2.505
Shop Fit @ 21°C	- 0.001 Loose
Temp Correction Factor*	3.3
* Temp correction factor is the degrees (C) 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.