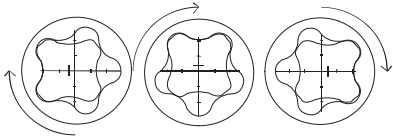




Model No: DD500678.0
5" 6/7 Lobes 8 Stages

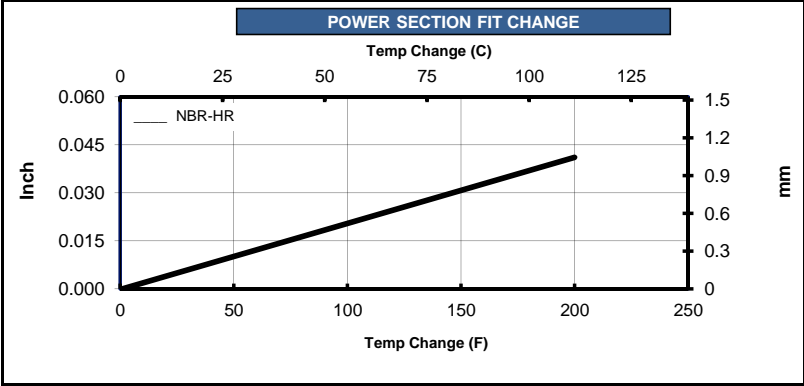


POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	233.5	5931
Contour Length	226.8	5760
Eccentricity	0.192	4.86
Major Diameter	3.018	76.66
Head Diameter	2.750	69.90
Weight	343 (lbs) 155.6 (kg)	
Material	17-4SS	
Thread Form*	2 3/8 Hughes External Flush Mod	

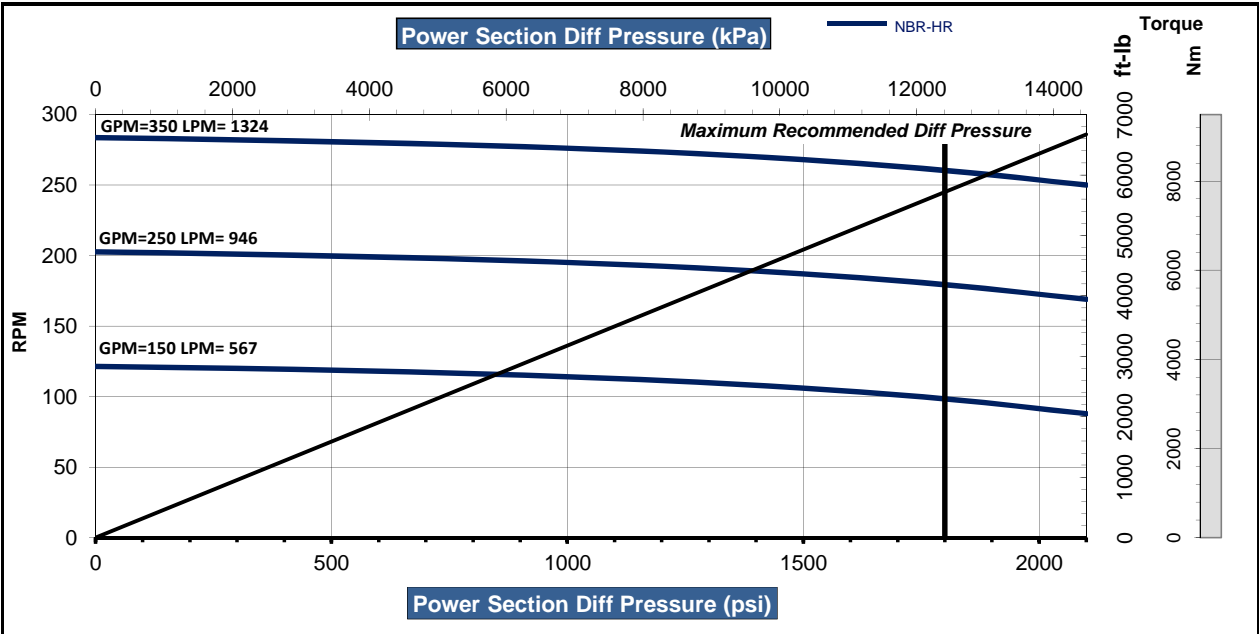
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	246.0	6248
Rubber Cut Back	7.5	191
Tube O.D.	5.00	127.0
Tube I.D.	4.00	101.6
Weight	640 (lbs) 290 (kg)	
Number of Stages	8.0	
Rubber Type	NBR-HR	
Tube Material	4142 Seamless Tubing	

* Alternate or custom thread forms are available



FIT INFORMATION		
NBR-HR	Minor Diameter	
Stator Size	Inch	mm
Standard	2.619	66.52
Oversize	2.635	66.93
Second Oversize	2.643	67.13
Third Oversize	2.655	67.44
Nominal Fit at 75 F (25 C)		
Standard	0.016	0.41
Oversize	0.000	0.00
Second Oversize	-0.008	-0.20
Third Oversize	-0.020	-0.48

PERFORMANCE SPECIFICATIONS		PERFORMANCE DETAILS	
Torque Slope	3.176 ft-lb/psi 0.625 Nm/kPa	Max Diff Press psi (kPa)	1800 (12410)
Flow Range	150 to 350 GPM 570 to 1320 Litre/min	Max Torque ft-lb (Nm)	5720 (7760)
Rotation	0.810 Rev/Gal 0.214 Rev/Litre	Stall Diff Press psi (kPa)	2700 (18620)
Speed Range	121 to 290 RPM	Stall Torque ft-lb (Nm)	8580 (11630)
Off Bottom Press	122 psi 840 kPa	Max Recommended HP(kW)	298 (222)



Operating a power section above the maximum recommended differential pressure will reduce stator life. Performance Curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Stator sizes subject to change without notice. Copyright 2013 Dyna-Drill®. All rights reserved.