

POWER SECTION

Model No: AT337563.5

Revised: 10/27/2022

Rotor Specifications	
	inches
Overall Length	86.00
Contour Length	82.00
Major Diameter	2.174
Eccentricity	0.156
Head diameter	2.175
Thread Form	N/A
Weight	69 lbs
Material	17-4 PH ¹

Stator Specifications	
	inches
Overall Length	88.00
Tube OD	3.38
Tube ID	2.63
Rubber Cutback Top/End	4.00 / 4.00
Weight	97 lbs
Number of Stages	3.5
Tube Material	4140/4142 Alloy Steel
Rubber Options	HNBR-HPT

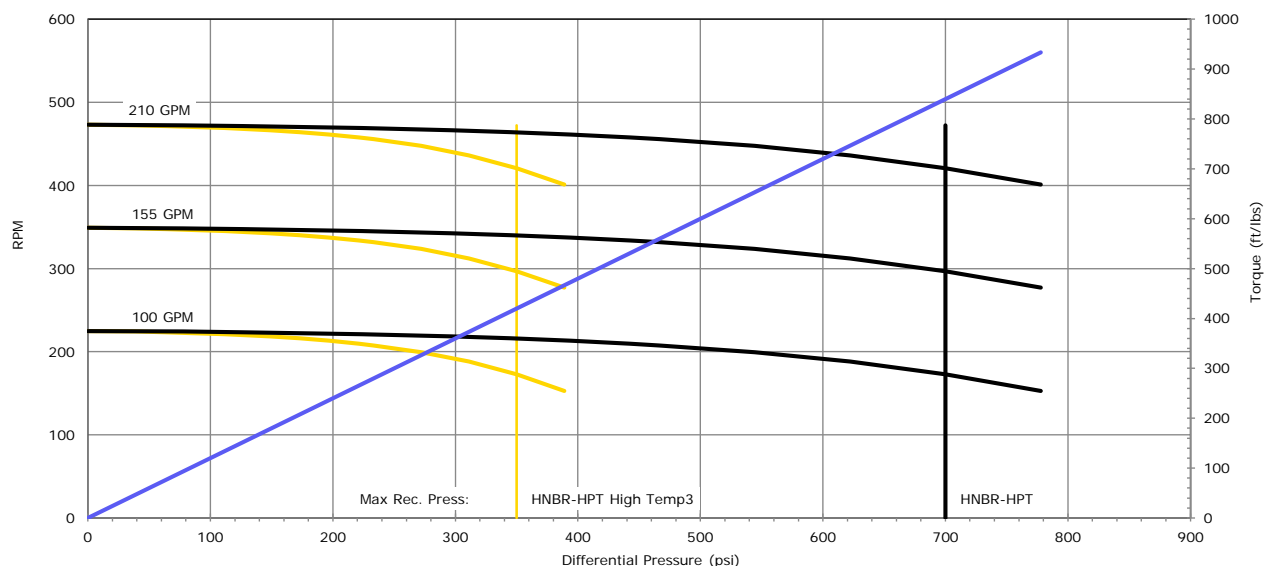
HNBR-HPT High Temp ³ (in)		Fits (+ Compression / - Loose)				
Size	Minor ²	75 °F	150 °F	250 °F	350 °F	430 °F ³
.5 US						
STD	1.873	-0.010	-0.002	0.009	0.020	0.028
.5 OS						
1.0 OS	1.884	-0.021	-0.013	-0.002	0.008	0.017
1.5 OS						
2.0 OS						
2.5 OS						

HNBR-HPT (in)		Fits (+ Compression / - Loose)				
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2.0 OS						
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Performance Specifications	
Flow Range (gpm)	100 - 210
Speed Range (rpm)	230 - 470
Torque Slope (ft-lb/psi)	1.20
Rotation (rev/gal)	2.250
Off Bottom Pressure (psi)	90

Performance Details		
	HNBR-HPT High Temp ³	HNBR-HPT
Max Diff Press (psi)	350	700
Stall Diff Press (psi)	530	1110
Max Torque (ft-lb)	420	840
Stall Torque (ft-lb)	630	1330

■ (HNBR-HPT High Temp³)
 ■ (HNBR-HPT)
 ■ Torque



¹ Coating options of chrome or tungsten carbide are available. ² Vector Gauge Readings at Room Temp 75°F. ³ HPT High Temp parameters are recommended when BHCT exceeds 300°F. BHCT exceeding 430°F will void warranty. It is recommended to run stator for no more than 15 hours at BHCT above 375°F. Performance curves are based on new rotor and stator dimensions and for reference only. Actual performance may vary depending on fit and drilling conditions. The stall torque may exceed that specified for the connected components. Operating over the recommended limits may result in damage to the power section and connected components. Please visit www.AbacoDrilling.com for the latest specification revisions.

LOCATIONS

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