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POWER SECTION

Model No: BT287454.0

Revised: 8/4/2016

Rotor Specifications	
	inches
Overall Length	88.76
Contour Length	99.63
Major Diameter	1.843
Eccentricity	0.156
Head diameter	1.800
Thread Form	N/A
Weight	56 lbs
Material	17-4 PH ¹

Stator Specifications	
	inches
Overall Length	105.63
Tube OD	2.88
Tube ID	2.38
Rubber Cutback Top/End	4.00 / 4.00
Weight	72 lbs
Number of Stages	4.0
Tube Material	4140/4142 Alloy Steel
Rubber Options	NBR & NBR-HPX

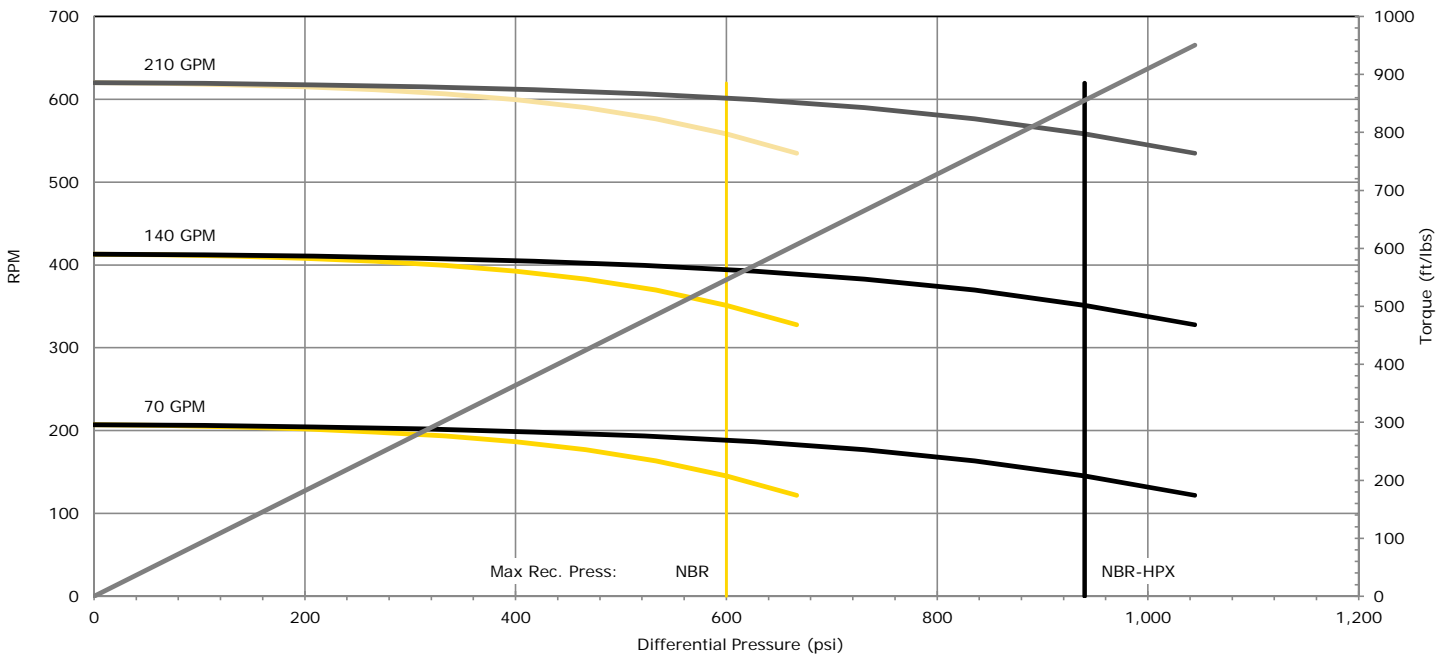
Size	Fits (+ Compression / - Loose)					
	Minor ²	75 °F	125 °F	175 °F	250 °F	300 °F ³
STD						
.5 OS	1.525	0.006	0.014	0.022	0.034	0.042
1.0 OS						
1.5 OS						
2.0 OS						

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Performance Specifications	
Flow Range (gpm)	70 - 210
Speed Range (rpm)	210 - 620
Torque Slope (ft-lb/psi)	0.91
Rotation (rev/gal)	2.950
Off Bottom Pressure (psi)	100

Performance Details		
	NBR	NBR-HPX
Max Diff Press (psi)	600	940
Stall Diff Press (psi)	900	1490
Max Torque (ft-lb)	550	860
Stall Torque (ft-lb)	820	1350

■ (NBR) ■ (NBR-HPX) ■ Torque *This spec shows power section operation of 210 GPM. However, BASINTEK's design constraints only allow a maximum of 170 GPM.



¹ Coating options of chrome or tungsten carbide are available ² Vector Gauge Readings at Room Temp 75 °F ³ BHCT Exceeding 275 °F will void warranty for NBR (320 °F for HPX)

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 basintek.com for the latest specification revisions.