



INWELL INCORPORATED
 19434 OIL CENTER BLVD
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4.75" 7/8 Lobe
 3.8 Stage

Dimensional Specifications

R&M and PV Replacement

ROTOR	Overall		Contour Length		Eccentricity		Major Diameter		Rotor Head Diameter		Weight		Material
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	
	178.0	4521	172.3	4375	0.163	4.14	2.945	74.80	2.750	69.90	240	109	
Thread Form:		2 3/8 Hughes External Flush Mad Flat FACE											

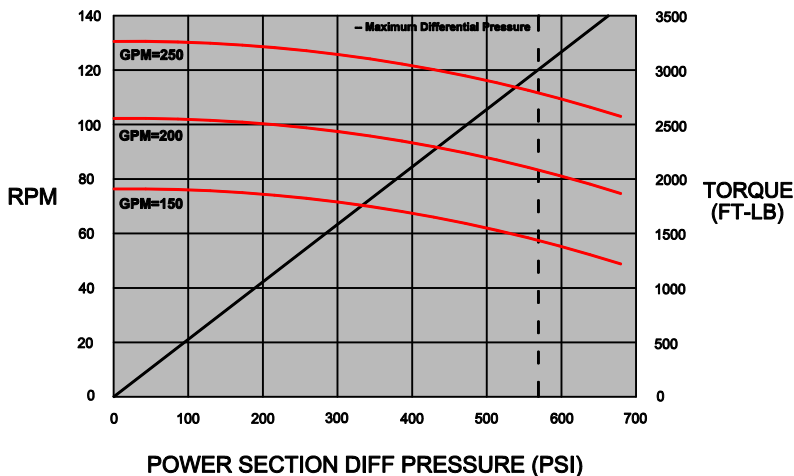
STATOR	Overall Length		Rubber Cut Back		Tube OD		Tube ID		Minor Diameter			Weight		
	inch	mm	inch	mm	inch	mm	inch	mm	Stator Size	inch	mm	lbs	kg	
	187.0	4750	8.0	203	4.75	120.7	3.75	95.3	Standard	2.606	66.19	399	181	
Material:				4142 Seamless Tubing				Oversize		2.625	66.68			
Number of Stages:				3.80				Double Oversize		2.638	67.01			
													NBR-1A or HSN-38 Rubber	

Operational Specifications

Torque Slope	Recommended Max Differential Pressure		Max Operating Torque		Stall Differential Pressure		Stall Torque		75° F (25° C) Nominal Comp Fit		Max Recommended Power			
	ft-lb/PSI	N.M./Kpa	PSI	Kpa	ft-lb	N.M.	PSI	Kpa	ft-lb	N.M.	inch	mm	HP	KW
5.200	1.023	570	3930	2960	4020	860	5930	4470	6060	0.013	0.33	74	55	
Flow Range:				150 to 250 GPM		570 to 950 LPM				Oversize				
Rotation:				0.521 Rev/Gal		0.138 Rev/Lit				OS	-0.006	-0.152		
Speed Range:				70 to 140 RPM						Dbl OS	-0.019	-0.480		



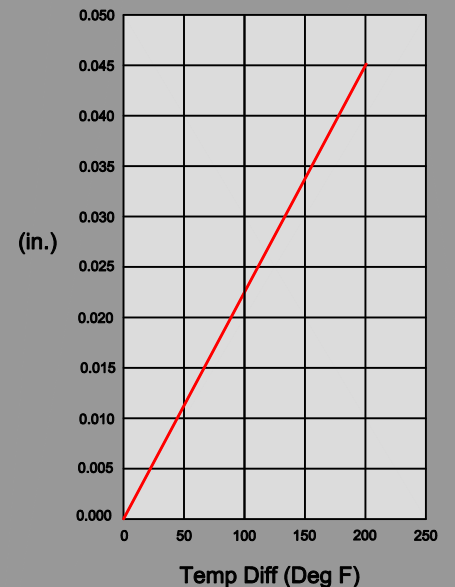
Performance Curves



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. Copyright 2003 All rights reserved.

Increase in Compression Fit



Temperature increases the rotor/stator compression fit, increases the stall torque, and reduces stator life.