

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	265	in
CONTOUR LENGTH	258	in
HEAD LENGTH*	7.00	in
HEAD DIAMETER*	3.40	in
MAJOR DIAMETER	3.298	in
MINOR DIAMETER	2.430	in
CREST-TO-VALLEY	2.864	in
ECCENTRICITY	0.217	in
THREAD TYPE	By Request	

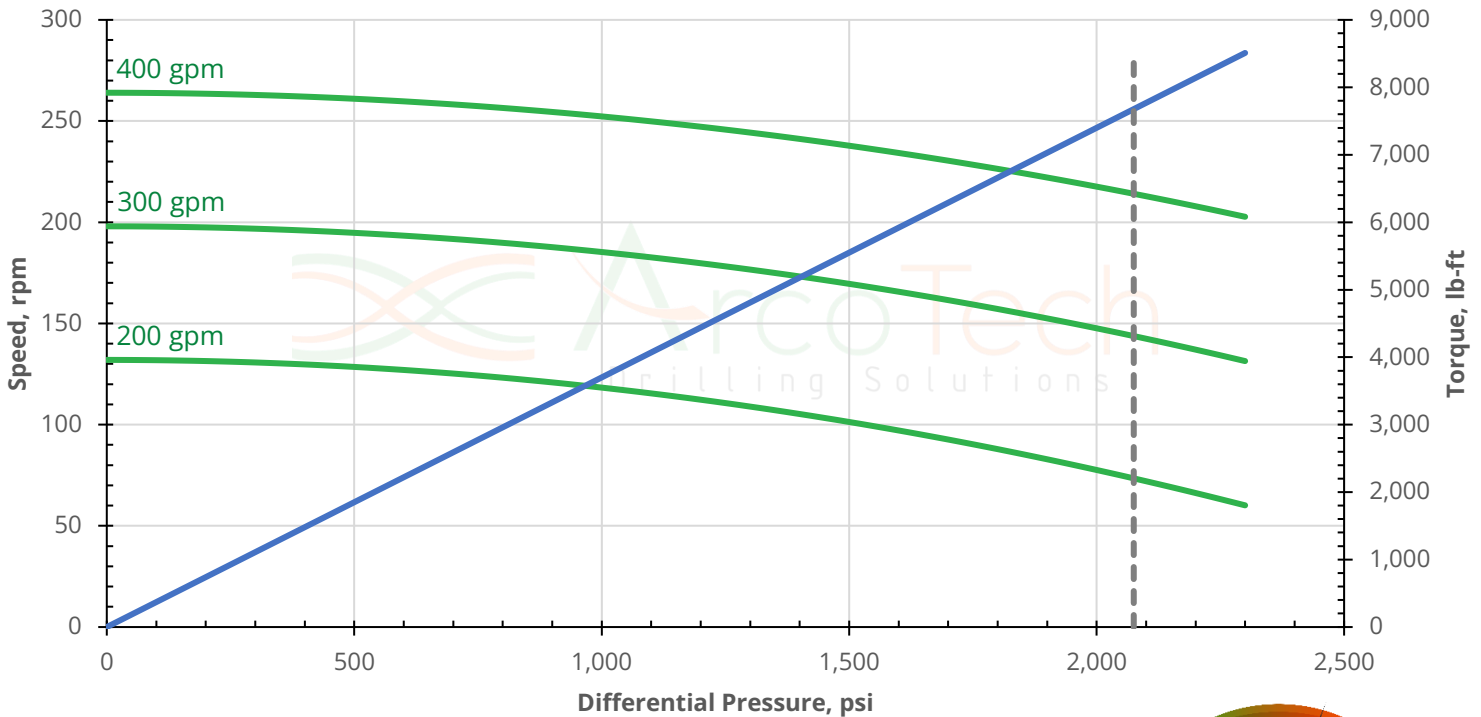
STATOR SPECIFICATIONS		
OVERALL LENGTH	275	in
CONTOUR LENGTH	259	in
TUBE OD	5.00	in
TUBE ID	4.00	in
CUTBACK*	8.00	in
WEIGHT	520	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	200-400	gpm
SPEED RANGE	132-264	rpm
RPG	0.660	rev/gal
OFF BOTTOM PRESS	155	psi
TORQUE/PSI	3.70	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)		NOMINAL FIT @ 70°F (in)	
VANTAGE		VANTAGE	
1 X US			
STD			
0.5 X OS	2.876		-0.012
1 X OS			
1.5 X OS			
2 X OS			

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	2,075	psi
MAX TORQUE	7,678	ft-lb
MAX HP	313	hp
STALL DIFF PRESS	3,112	psi
STALL TORQUE	11,516	ft-lb
FIT INCREASE / °F	0.000294	in / °F



The performance data contained herein is for REFERENCE ONLY. Performance data and specifications for this model are generated based on shop/nominal fit between rotor and stator. ArcoTech power sections are designed to perform optimally at the temperature range recommended for each group/fit. Downhole conditions may alter the performance. Downhole performance is included as a prediction of how the stator is expected to perform in downhole conditions for any group fit.



Revision: 1