

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	252	in
CONTOUR LENGTH	244	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	4.70	in
MAJOR DIAMETER	4.663	in
MINOR DIAMETER	3.487	in
CREST-TO-VALLEY	4.075	in
ECCENTRICITY	0.294	in
THREAD TYPE	By Request	

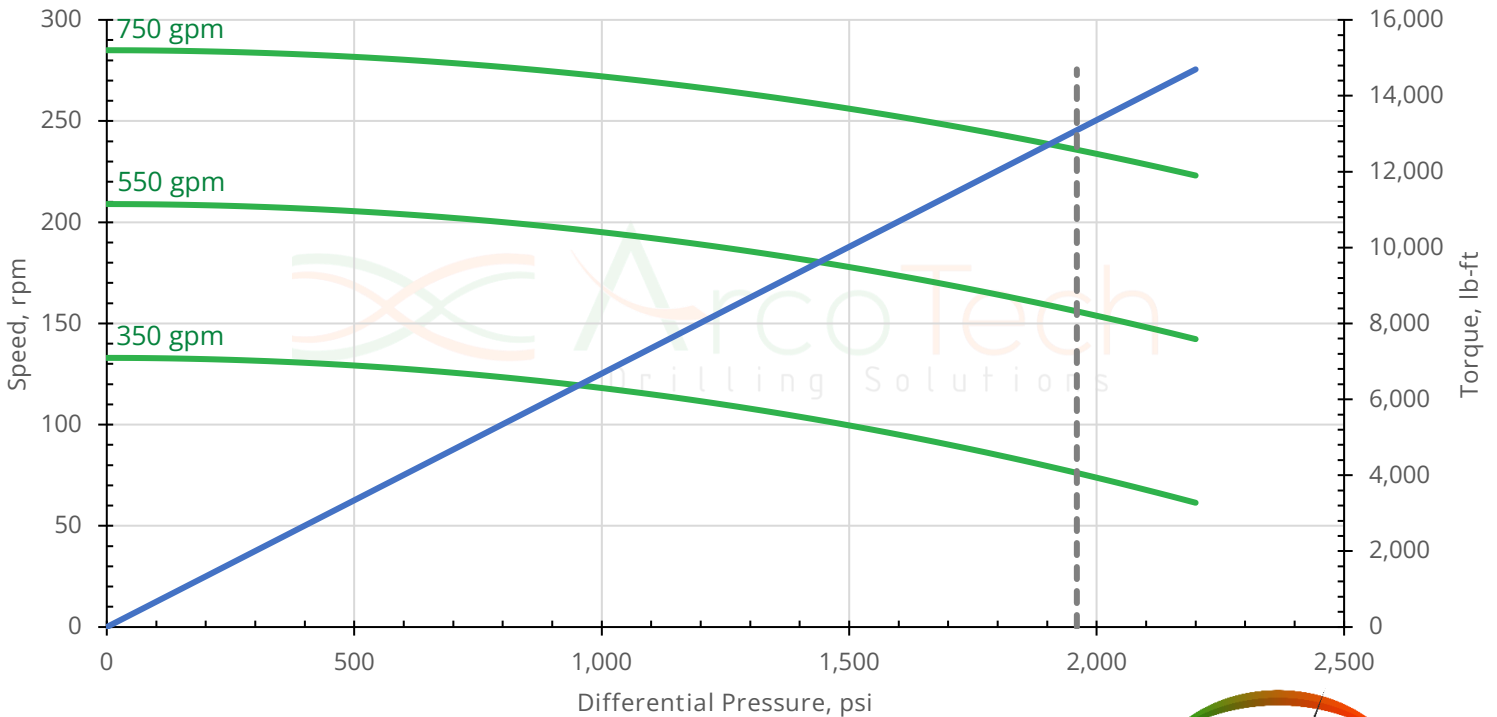
STATOR SPECIFICATIONS		
OVERALL LENGTH	260	in
CONTOUR LENGTH	240	in
TUBE OD	7.00	in
TUBE ID	5.75	in
CUTBACK*	10.00	in
WEIGHT	1020	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	350-750	gpm
SPEED RANGE	133-285	rpm
RPG	0.380	rev/gal
OFF BOTTOM PRESS	200	psi
TORQUE/PSI	6.68	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	
1 X OS	4.096
1.5 X OS	
2 X OS	-0.021

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	1,960	psi
MAX TORQUE	13,093	ft-lb
MAX HP	588	hp
STALL DIFF PRESS	2,940	psi
STALL TORQUE	19,545	ft-lb
FIT INCREASE / °F	0.000429	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.

