

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	268	in
CONTOUR LENGTH	259	in
HEAD LENGTH*	9.00	in
HEAD DIAMETER*	4.75	in
MAJOR DIAMETER	4.706	in
MINOR DIAMETER	3.658	in
CREST-TO-VALLEY	4.182	in
ECCENTRICITY	0.262	in
THREAD TYPE	By Request	

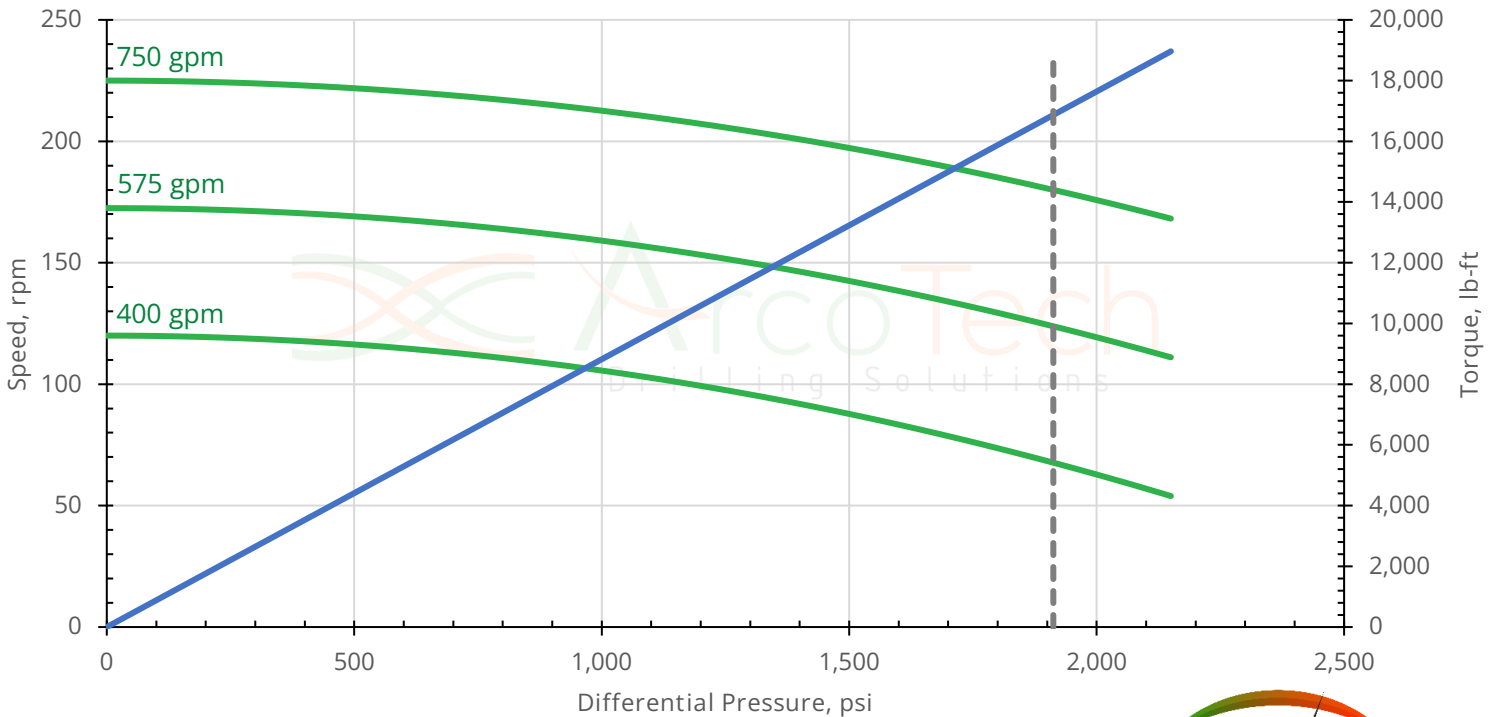
STATOR SPECIFICATIONS		
OVERALL LENGTH	275	in
CONTOUR LENGTH	255.5	in
TUBE OD	7.25	in
TUBE ID	6.00	in
CUTBACK*	8/11.5	in
WEIGHT	1156	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	400-750	gpm
SPEED RANGE	120-225	rpm
RPG	0.300	rev/gal
OFF BOTTOM PRESS	360	psi
TORQUE/PSI	8.82	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	4.197		-0.015
1 X OS			
1.5 X OS			
2 X OS			

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	1,913	psi
MAX TORQUE	16,868	ft-lb
MAX HP	578	hp
STALL DIFF PRESS	2,869	psi
STALL TORQUE	25,302	ft-lb
FIT INCREASE / °F	0.000482	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.

