

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

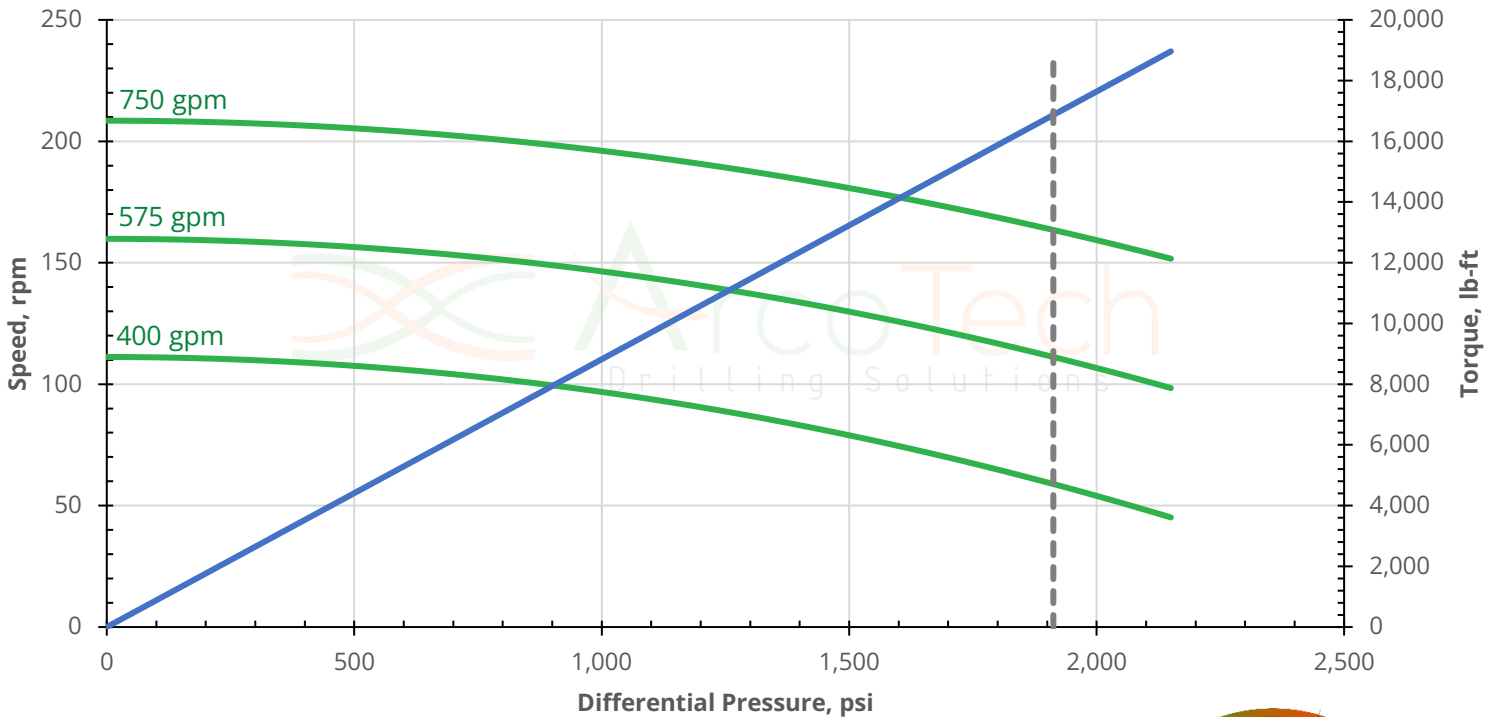
STATOR SPECIFICATIONS	
OVERALL LENGTH	275 in
CONTOUR LENGTH	255.5 in
TUBE OD	7.25 in
TUBE ID	6.00 in
CUTBACK*	8.00/11.50 in
WEIGHT	1156 lb
MATERIAL	4140
THREAD TYPE	By Request

*May be changed at customer request

PERFORMANCE	
FLOW RANGE	400-750 gpm
SPEED RANGE	111-209 rpm
RPG	0.278 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
1 X OS	-0.015
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	1,913	psi
MAX TORQUE	16,868	ft-lb
MAX HP	525	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.



Revision: 2