

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	285	in
CONTOUR LENGTH	278	in
HEAD LENGTH*	7.25	in
HEAD DIAMETER*	3.13	in
MAJOR DIAMETER	3.126	in
MINOR DIAMETER	2.238	in
CREST-TO-VALLEY	2.682	in
ECCENTRICITY	0.222	in
THREAD TYPE	By Request	

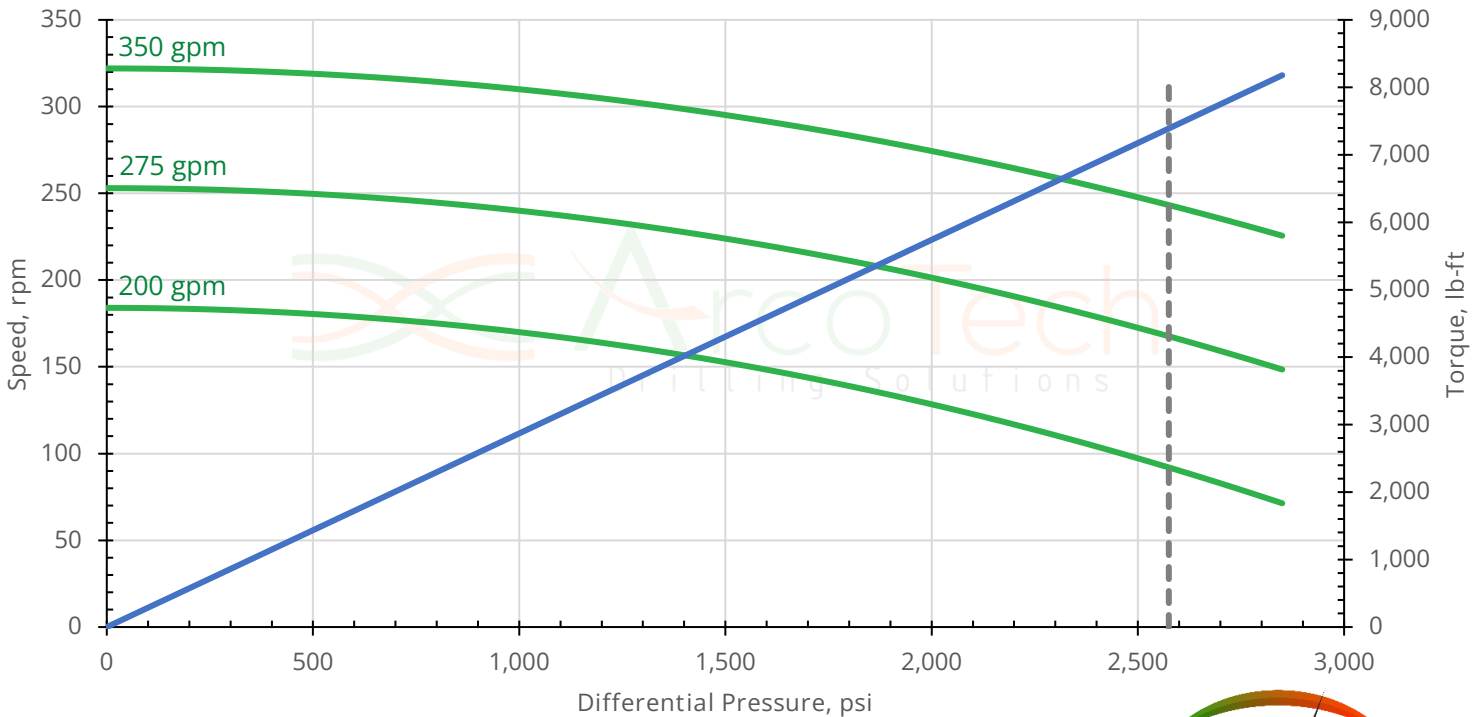
STATOR SPECIFICATIONS		
OVERALL LENGTH	300	in
CONTOUR LENGTH	280	in
TUBE OD	5.50	in
TUBE ID	4.50	in
CUTBACK*	10.00	in
WEIGHT	1167	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	200-350	gpm
SPEED RANGE	184-322	rpm
RPG	0.920	rev/gal
OFF BOTTOM PRESS	340	psi
TORQUE/PSI	2.87	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	
1.5 X OS	2.717
2 X OS	2.737
	-0.035
	-0.055

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	2,575	psi
MAX TORQUE	7,390	ft-lb
MAX HP	342	hp
STALL DIFF PRESS	3,863	psi
STALL TORQUE	11,085	ft-lb
FIT INCREASE / °F	0.000480	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.

