

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	234	in
CONTOUR LENGTH	226	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	2.75	in
MAJOR DIAMETER	3.018	in
MINOR DIAMETER	2.250	in
CREST-TO-VALLEY	2.634	in
ECCENTRICITY	0.192	in
THREAD TYPE	By Request	

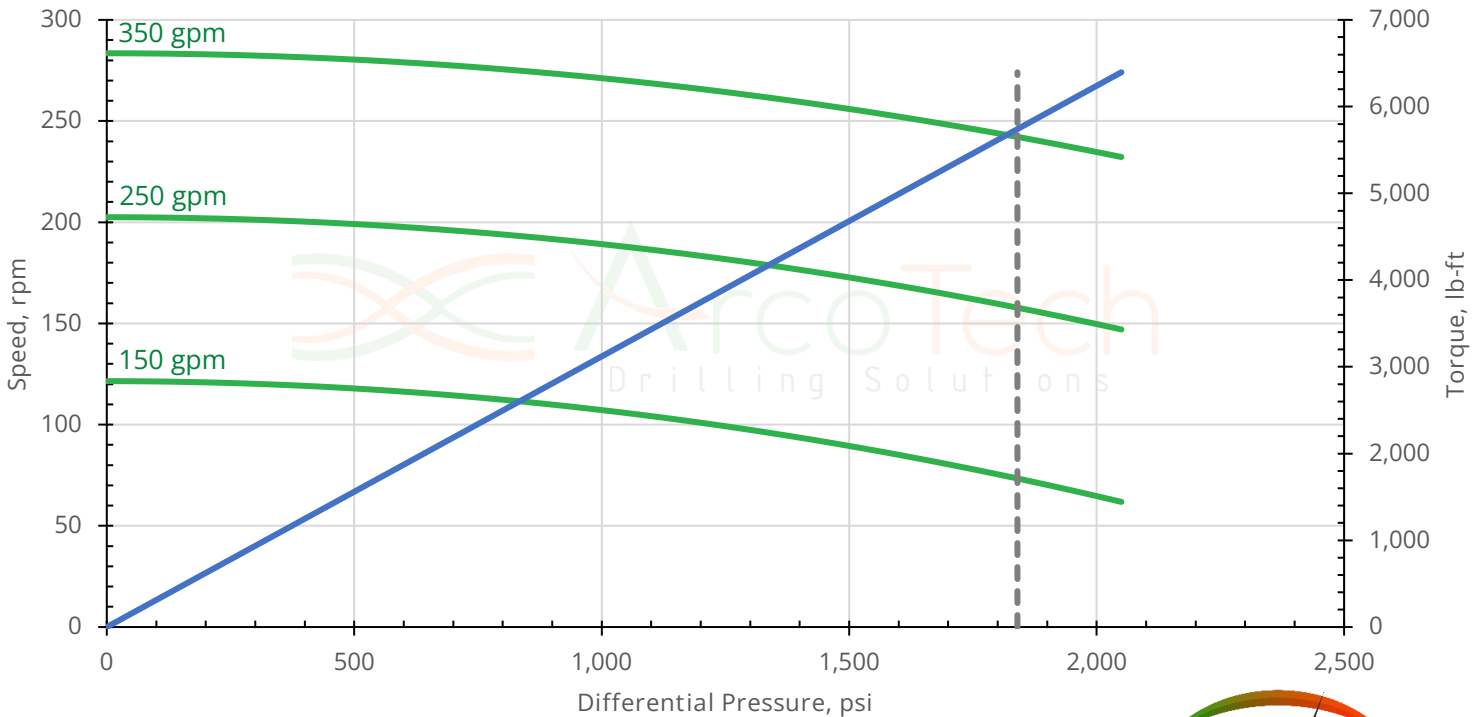
STATOR SPECIFICATIONS		
OVERALL LENGTH	251	in
CONTOUR LENGTH	235	in
TUBE OD	5.00	in
TUBE ID	4.00	in
CUTBACK*	8.00	in
WEIGHT	566	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	150-350	gpm
SPEED RANGE	122-284	rpm
RPG	0.810	rev/gal
OFF BOTTOM PRESS	130	psi
TORQUE/PSI	3.12	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	2.657
1.5 X OS	
2 X OS	2.678
	-0.023
	-0.044

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	1,840	psi
MAX TORQUE	5,741	ft-lb
MAX HP	265	hp
STALL DIFF PRESS	2,760	psi
STALL TORQUE	8,611	ft-lb
FIT INCREASE / °F	0.000306	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.

