

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	203	in
CONTOUR LENGTH	196	in
HEAD LENGTH*	7.00	in
HEAD DIAMETER*	4.00	in
MAJOR DIAMETER	4.220	in
MINOR DIAMETER	2.800	in
CREST-TO-VALLEY	3.510	in
ECCENTRICITY	0.355	in
THREAD TYPE	By Request	

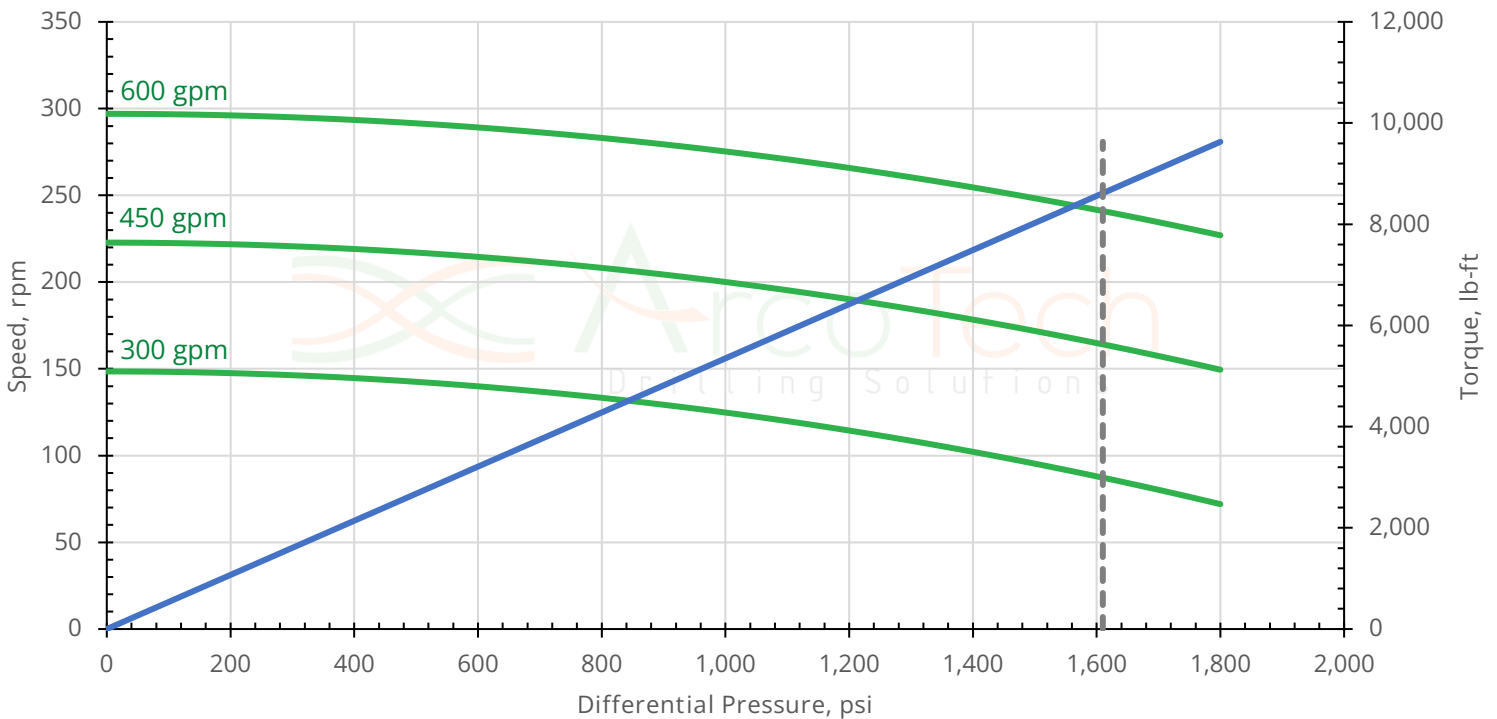
STATOR SPECIFICATIONS		
OVERALL LENGTH	210	in
CONTOUR LENGTH	194	in
TUBE OD	6.75	in
TUBE ID	5.50	in
CUTBACK*	8.00	in
WEIGHT	830	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	300-600	gpm
SPEED RANGE	149-297	rpm
RPG	0.495	rev/gal
OFF BOTTOM PRESS	197	psi
TORQUE/PSI	5.35	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)	
	RD202	RD202
1 X US		
STD	3.497	0.013
0.5 X OS		
1 X OS	3.525	-0.015
1.5 X OS		
2 X OS		

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	1,610	psi
MAX TORQUE	8,614	ft-lb
MAX HP	395	hp
STALL DIFF PRESS	2,415	psi
STALL TORQUE	12,920	ft-lb
FIT INCREASE / °F	0.000439	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.

