

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	285	in
CONTOUR LENGTH	276	in
HEAD LENGTH*	9.00	in
HEAD DIAMETER*	4.25	in
MAJOR DIAMETER	4.121	in
MINOR DIAMETER	2.933	in
CREST-TO-VALLEY	3.527	in
ECCENTRICITY	0.297	in
THREAD TYPE	By Request	

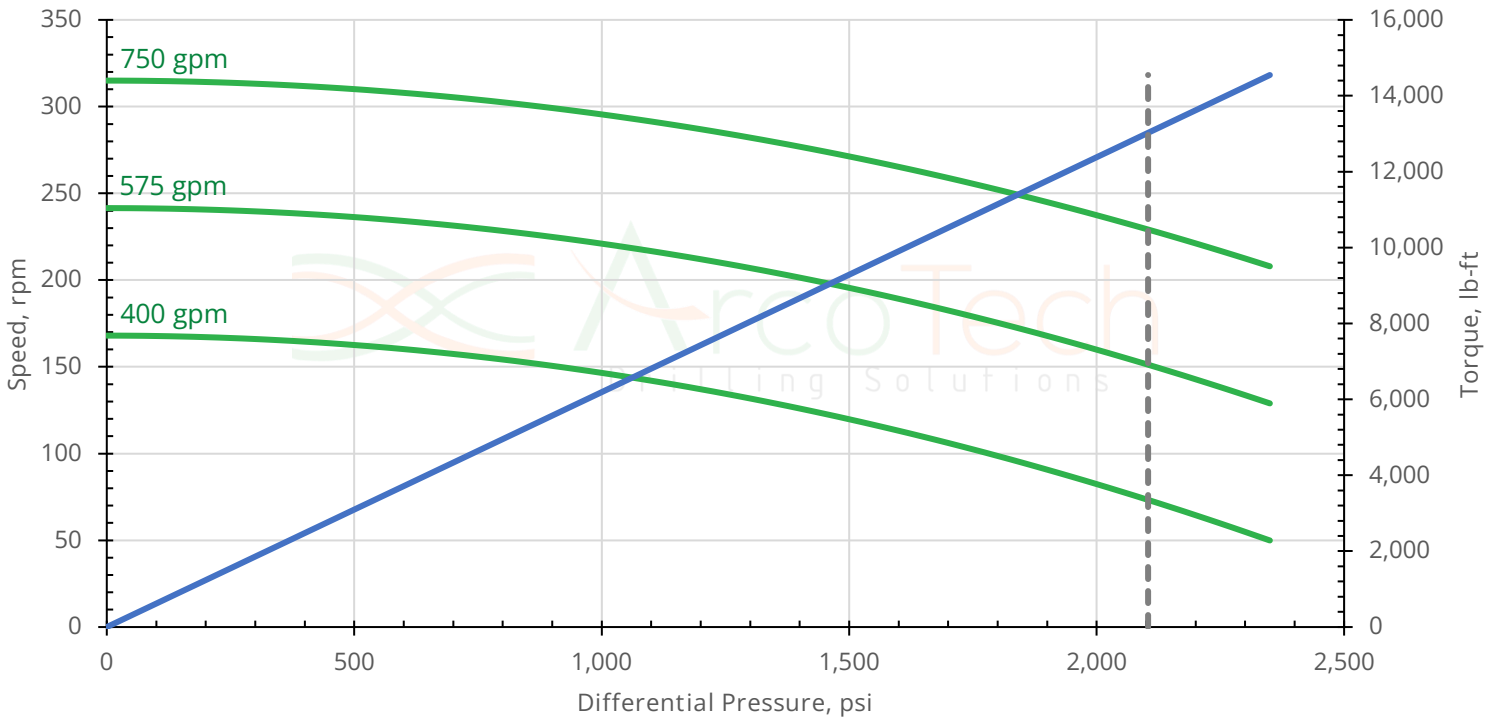
STATOR SPECIFICATIONS		
OVERALL LENGTH	300	in
CONTOUR LENGTH	276	in
TUBE OD	7.25	in
TUBE ID	6.00	in
CUTBACK*	12.00	in
WEIGHT	1174	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	400-750	gpm
SPEED RANGE	168-315	rpm
RPG	0.420	rev/gal
OFF BOTTOM PRESS	270	psi
TORQUE/PSI	6.19	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)	
	RD202	RD202
1 X US		
STD	3.537	-0.010
0.5 X OS		
1 X OS	3.572	-0.045
1.5 X OS		
2 X OS		

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	2,104	psi
MAX TORQUE	13,024	ft-lb
MAX HP	568	hp
STALL DIFF PRESS	3,156	psi
STALL TORQUE	19,536	ft-lb
FIT INCREASE / °F	0.000574	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.

