

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	295	in
CONTOUR LENGTH	287	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	5.50	in
MAJOR DIAMETER	5.641	in
MINOR DIAMETER	4.413	in
CREST-TO-VALLEY	5.027	in
ECCENTRICITY	0.307	in
THREAD TYPE	By Request	

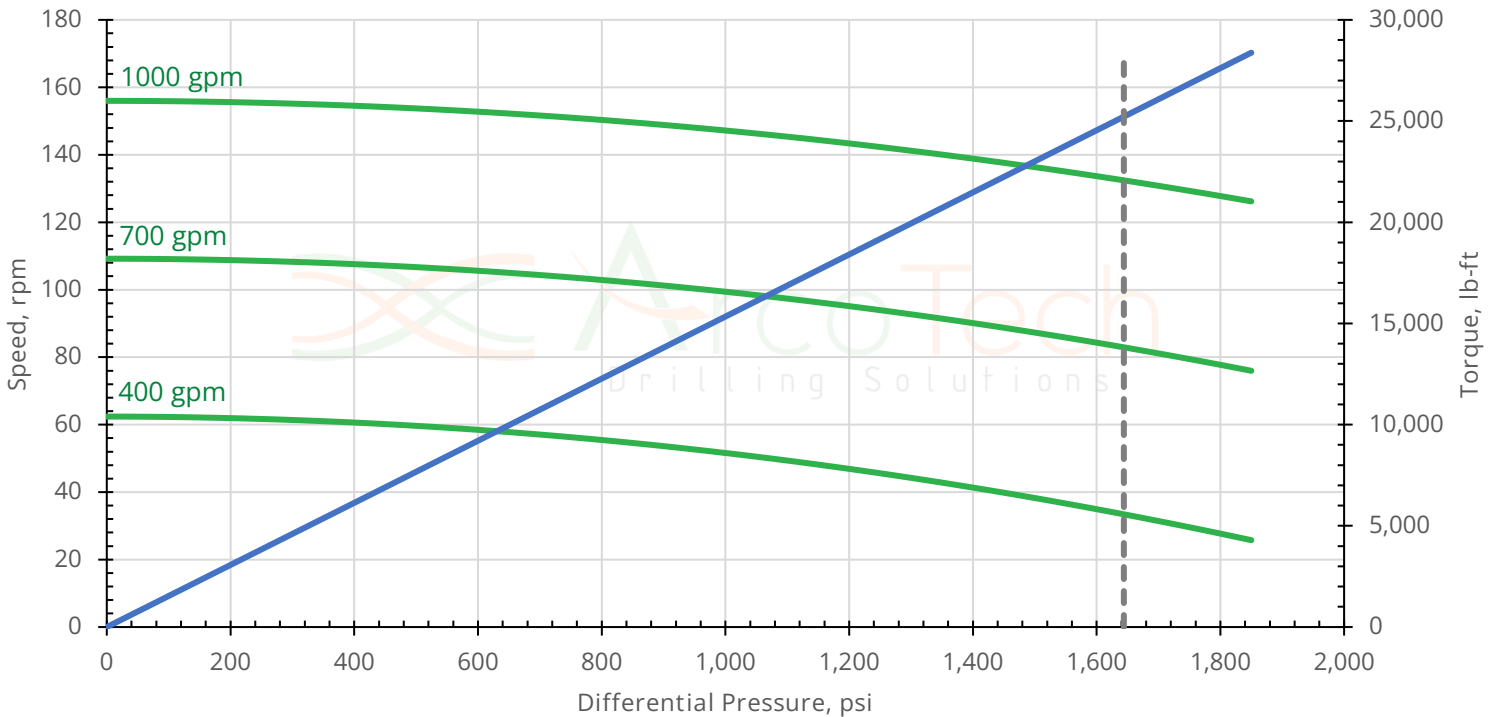
STATOR SPECIFICATIONS		
OVERALL LENGTH	300	in
CONTOUR LENGTH	284	in
TUBE OD	8.25	in
TUBE ID	6.75	in
CUTBACK*	8.00	in
WEIGHT	1650	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	400-1000	gpm
SPEED RANGE	62-156	rpm
RPG	0.156	rev/gal
OFF BOTTOM PRESS	300	psi
TORQUE/PSI	15.34	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 5.028	-0.001
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	1,644	psi
MAX TORQUE	25,219	ft-lb
MAX HP	636	hp
STALL DIFF PRESS	2,466	psi
STALL TORQUE	37,828	ft-lb
FIT INCREASE / °F	0.000359	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.

