

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	223	in
CONTOUR LENGTH	215	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	4.25	in
MAJOR DIAMETER	4.629	in
MINOR DIAMETER	3.501	in
CREST-TO-VALLEY	4.065	in
ECCENTRICITY	0.282	in
THREAD TYPE	By Request	

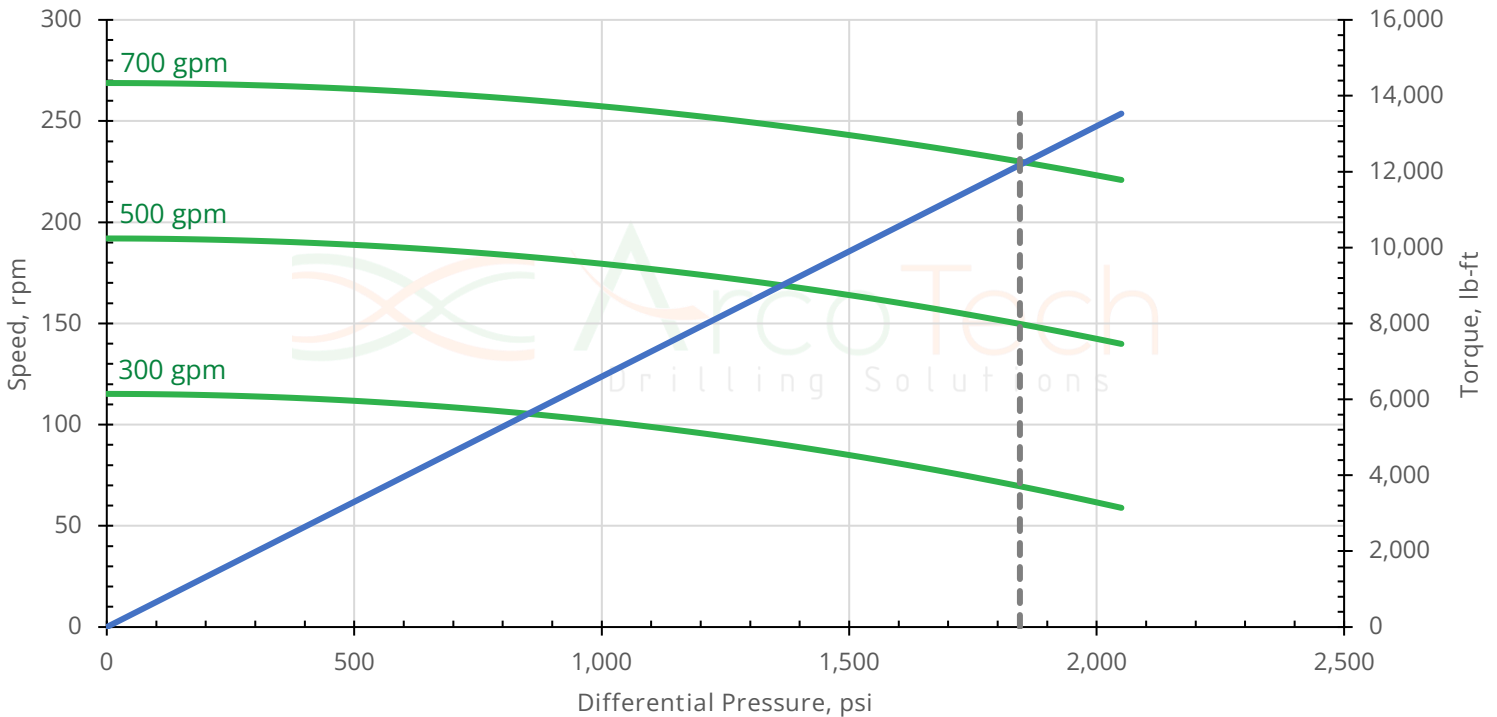
STATOR SPECIFICATIONS		
OVERALL LENGTH	232	in
CONTOUR LENGTH	216	in
TUBE OD	6.75	in
TUBE ID	5.75	in
CUTBACK*	8.00	in
WEIGHT	756	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	300-700	gpm
SPEED RANGE	115-269	rpm
RPG	0.384	rev/gal
OFF BOTTOM PRESS	200	psi
TORQUE/PSI	6.60	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US STD	
0.5 X OS	4.075
1 X OS	
1.5 X OS	
2 X OS	
	-0.010

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	1,845	psi
MAX TORQUE	12,177	ft-lb
MAX HP	533	hp
STALL DIFF PRESS	2,768	psi
STALL TORQUE	18,266	ft-lb
FIT INCREASE / °F	0.000345	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.

