

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	252	in
CONTOUR LENGTH	245	in
HEAD LENGTH*	7.00	in
HEAD DIAMETER*	4.50	in
MAJOR DIAMETER	4.644	in
MINOR DIAMETER	3.656	in
CREST-TO-VALLEY	4.150	in
ECCENTRICITY	0.247	in
THREAD TYPE	By Request	

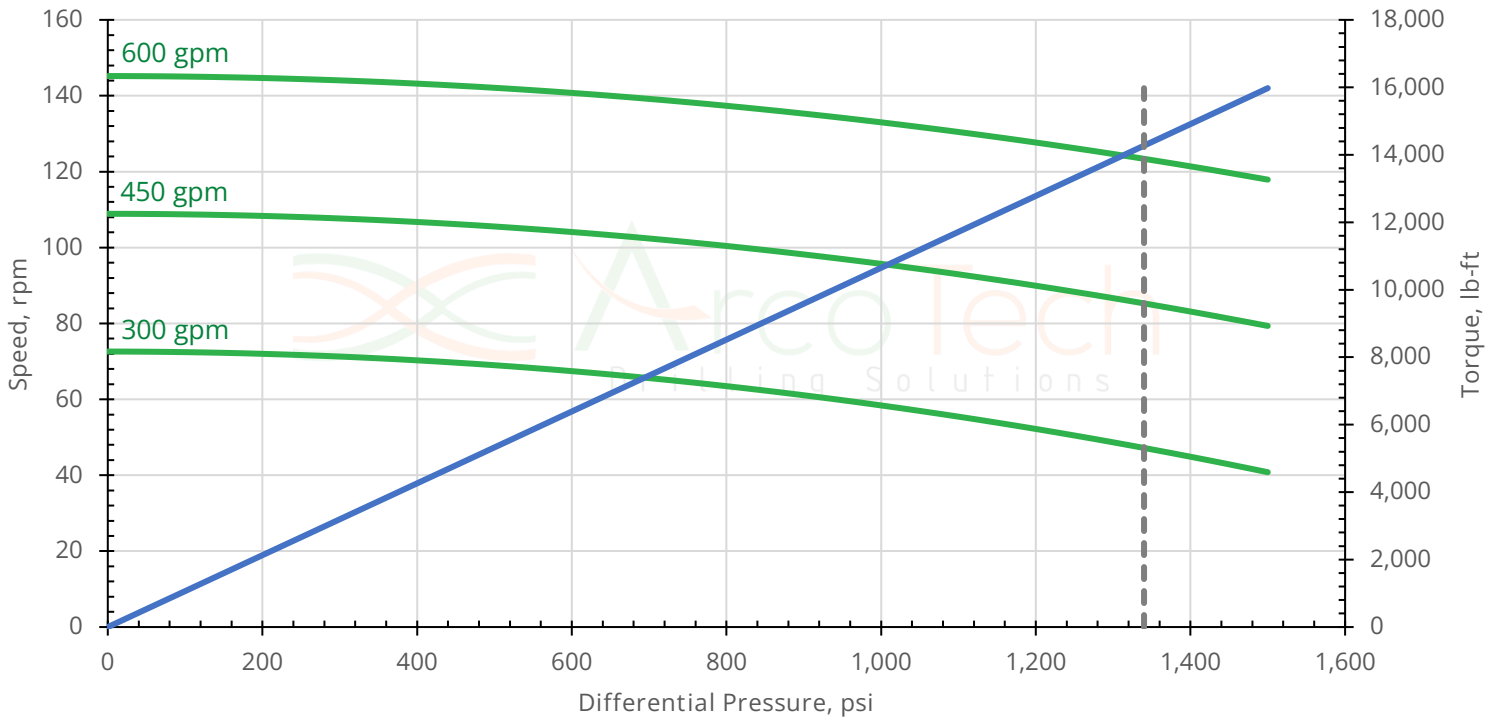
STATOR SPECIFICATIONS		
OVERALL LENGTH	261	in
CONTOUR LENGTH	245	in
TUBE OD	6.75	in
TUBE ID	5.50	in
CUTBACK*	8.00	in
WEIGHT	975	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	300-600	gpm
SPEED RANGE	73-145	rpm
RPG	0.242	rev/gal
OFF BOTTOM PRESS	178	psi
TORQUE/PSI	10.65	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 4.144	0.006
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
RD202		
MAX DIFF PRESS	1,340	psi
MAX TORQUE	14,271	ft-lb
MAX HP	335	hp
STALL DIFF PRESS	2,009	psi
STALL TORQUE	21,399	ft-lb
FIT INCREASE / °F	0.000254	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.

