

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	198	in
CONTOUR LENGTH	191	in
HEAD LENGTH*	7.00	in
HEAD DIAMETER*	4.00	in
MAJOR DIAMETER	4.570	in
MINOR DIAMETER	3.550	in
CREST-TO-VALLEY	4.060	in
ECCENTRICITY	0.255	in
THREAD TYPE	By Request	

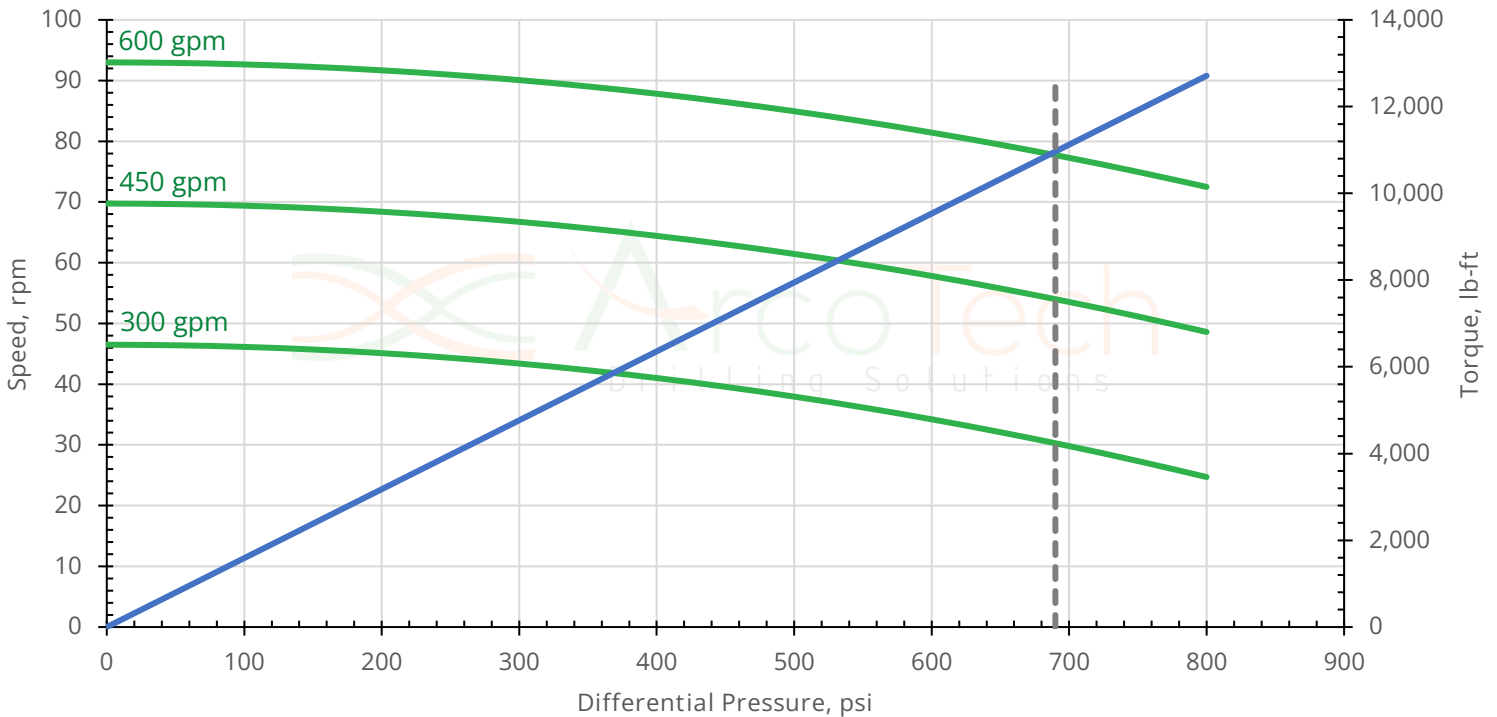
STATOR SPECIFICATIONS		
OVERALL LENGTH	204	in
CONTOUR LENGTH	188	in
TUBE OD	6.75	in
TUBE ID	5.50	in
CUTBACK*	8.00	in
WEIGHT	760	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	300-600	gpm
SPEED RANGE	47-93	rpm
RPG	0.155	rev/gal
OFF BOTTOM PRESS	170	psi
TORQUE/PSI	15.89	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 4.053	0.007
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	690	psi
MAX TORQUE	10,964	ft-lb
MAX HP	162	hp
STALL DIFF PRESS	1,035	psi
STALL TORQUE	16,446	ft-lb
FIT INCREASE / °F	0.000278	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.

