

Technical Specifications

ROTOR SPECIFICATIONS	
OVERALL LENGTH	213 in
CONTOUR LENGTH	206 in
HEAD LENGTH*	7.00 in
HEAD DIAMETER*	4.00 in
MAJOR DIAMETER	4.296 in
MINOR DIAMETER	3.320 in
CREST-TO-VALLEY	3.808 in
ECCENTRICITY	0.244 in
THREAD TYPE	By Request

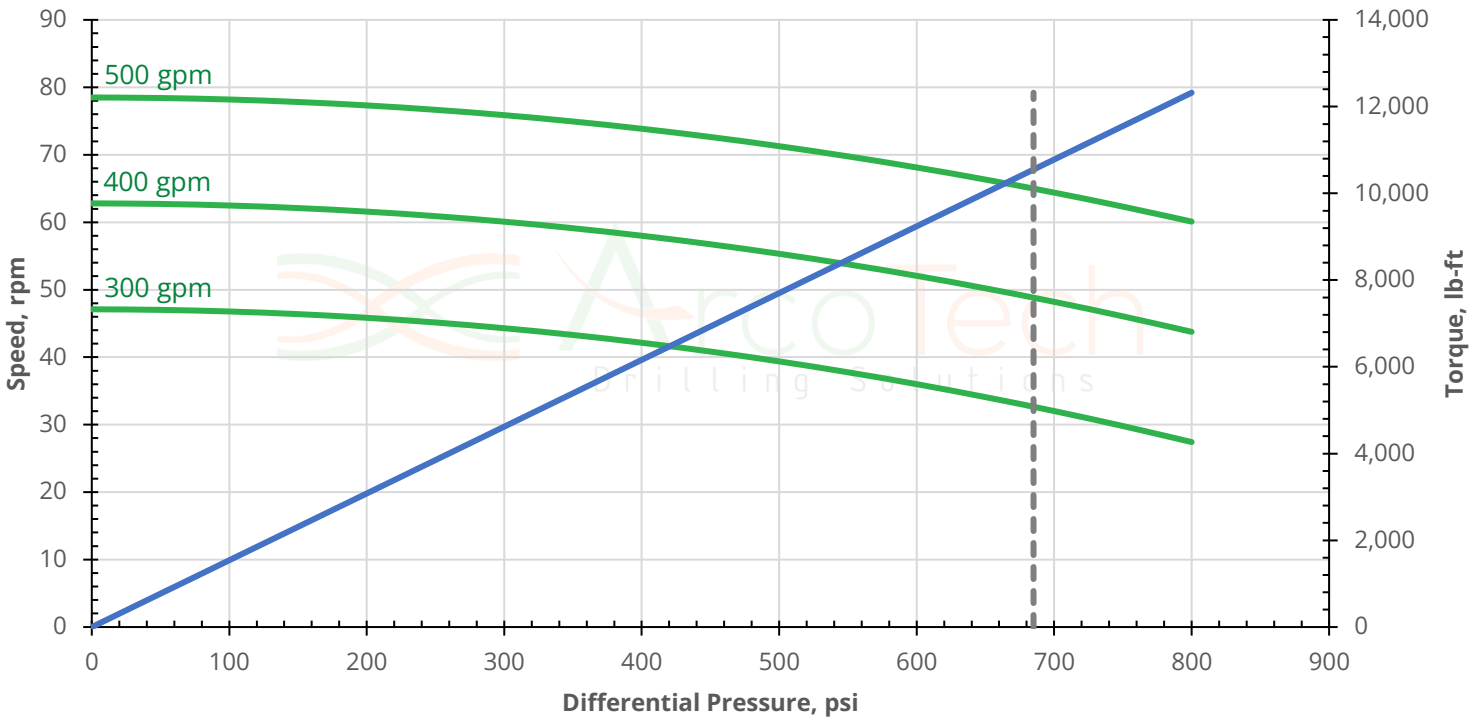
STATOR SPECIFICATIONS	
OVERALL LENGTH	220 in
CONTOUR LENGTH	204 in
TUBE OD	6.75 in
TUBE ID	5.50 in
CUTBACK*	8.00 in
WEIGHT	840 lb
MATERIAL	4140
THREAD TYPE	By Request

*May be changed at customer request

PERFORMANCE	
FLOW RANGE	300-500 gpm
SPEED RANGE	47-79 rpm
RPG	0.157 rev/gal
OFF BOTTOM PRESS	185 psi
TORQUE/PSI	15.40 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	
1 X OS 3.834	-0.026
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
RD202		
MAX DIFF PRESS	685	psi
MAX TORQUE	10,549	ft-lb
MAX HP	131	hp
STALL DIFF PRESS	1,028	psi
STALL TORQUE	15,824	ft-lb
FIT INCREASE / °F	0.000315	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.

