

Technical Specifications

ROTOR SPECIFICATIONS	
OVERALL LENGTH	285 in
CONTOUR LENGTH	276 in
HEAD LENGTH*	9.00 in
HEAD DIAMETER*	4.25 in
MAJOR DIAMETER	4.121 in
MINOR DIAMETER	2.933 in
CREST-TO-VALLEY	3.527 in
ECCENTRICITY	0.297 in
THREAD TYPE	By Request

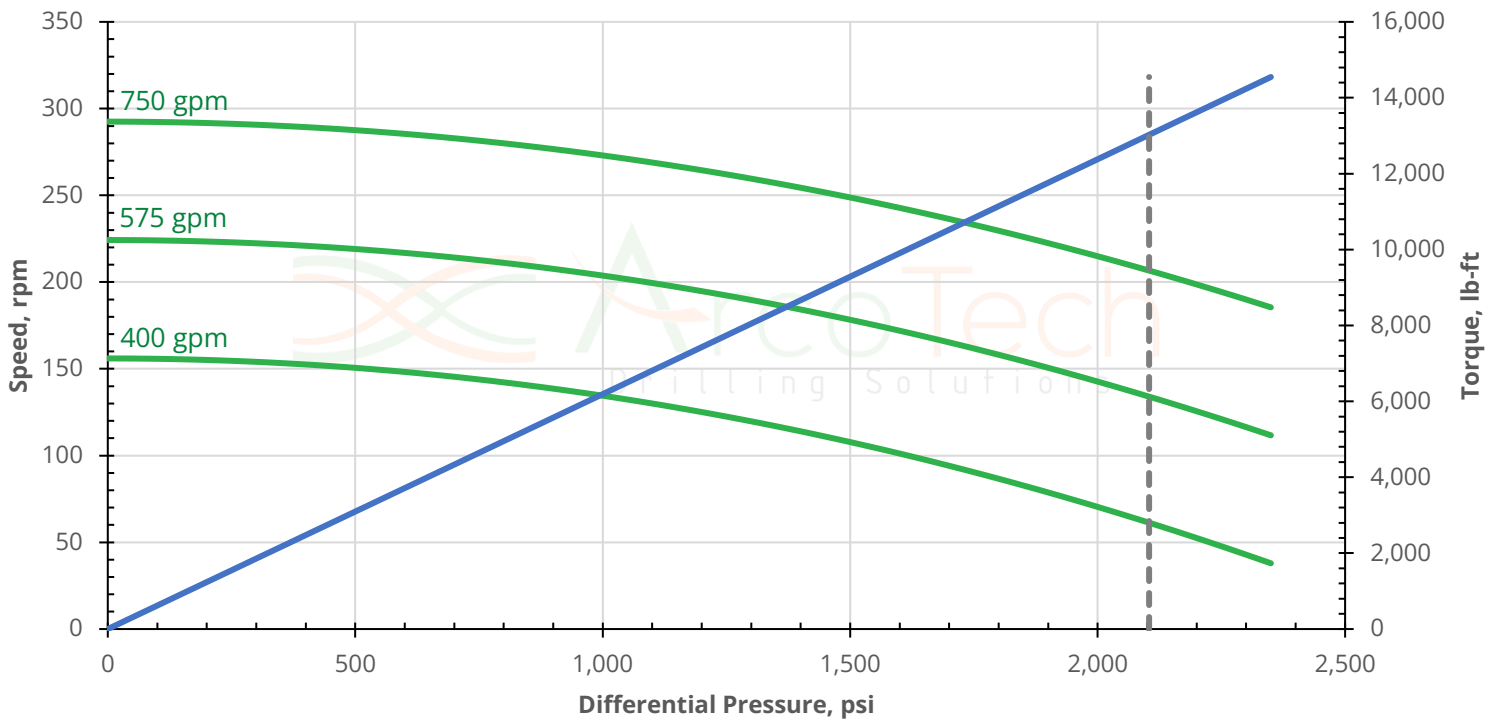
STATOR SPECIFICATIONS	
OVERALL LENGTH	300 in
CONTOUR LENGTH	276 in
TUBE OD	7.25 in
TUBE ID	6.00 in
CUTBACK*	12.00 in
WEIGHT	1174 lb
MATERIAL	4140
THREAD TYPE	By Request

*May be changed at customer request

PERFORMANCE	
FLOW RANGE	400-750 gpm
SPEED RANGE	156-293 rpm
RPG	0.390 rev/gal
OFF BOTTOM PRESS	270 psi
TORQUE/PSI	6.19 ft-lbs/psi
VECTOR TOLERANCE	± 0.010 in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 3.537	-0.010
0.5 X OS	
1 X OS 3.572	-0.045
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	2,104	psi
MAX TORQUE	13,024	ft-lb
MAX HP	512	hp
STALL DIFF PRESS	3,156	psi
STALL TORQUE	19,536	ft-lb
FIT INCREASE / °F	0.000574	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.

