

Technical Specifications

ROTOR SPECIFICATIONS	
OVERALL LENGTH	223.5 in
CONTOUR LENGTH	217.0 in
HEAD LENGTH*	6.50 in
HEAD DIAMETER*	4.50 in
MAJOR DIAMETER	4.520 in
MINOR DIAMETER	3.496 in
CREST-TO-VALLEY	4.008 in
ECCENTRICITY	0.256 in
THREAD TYPE	By Request

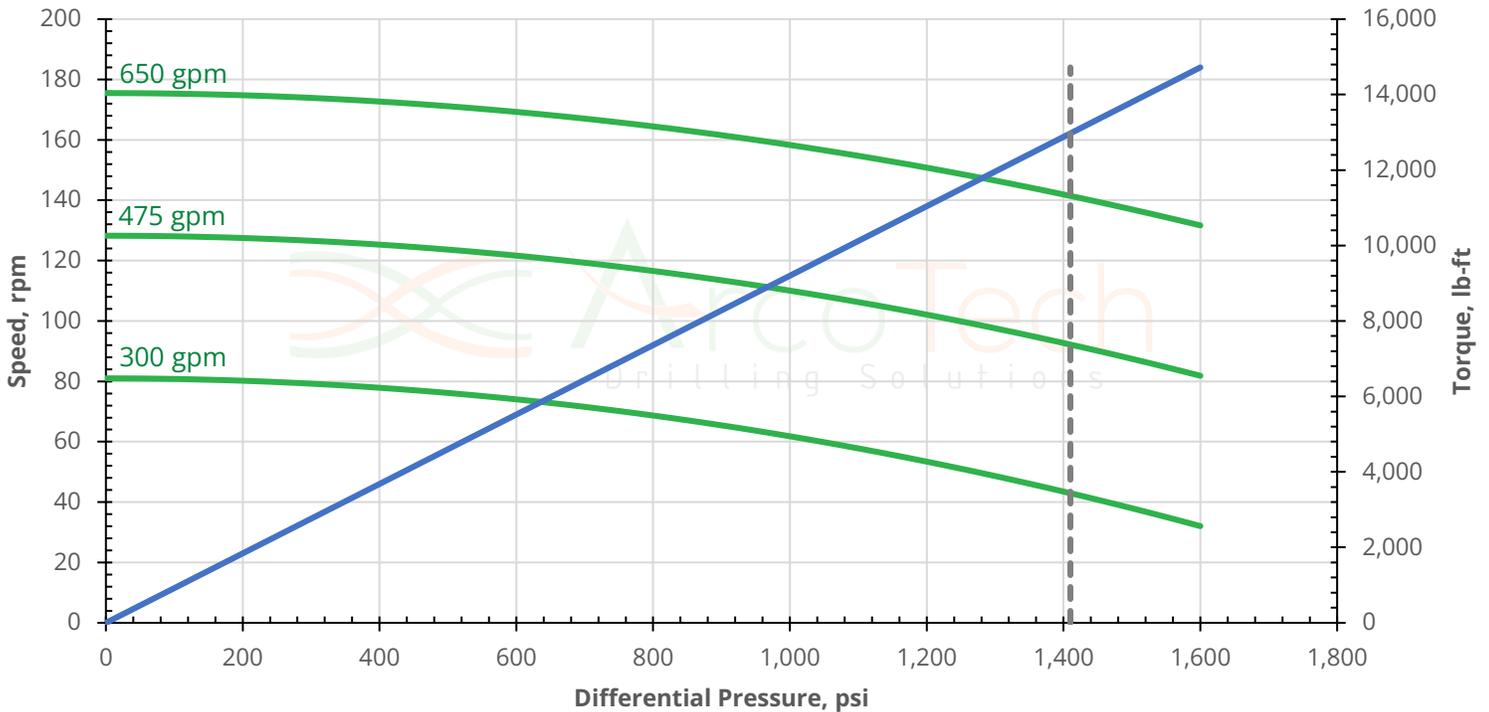
STATOR SPECIFICATIONS	
OVERALL LENGTH	235 in
CONTOUR LENGTH	219 in
TUBE OD	6.75 in
TUBE ID	5.50 in
CUTBACK*	8.00 in
WEIGHT	768 lb
MATERIAL	4140
THREAD TYPE	By Request

*May be changed at customer request

PERFORMANCE	
FLOW RANGE	300-650 gpm
SPEED RANGE	81-176 rpm
RPG	0.270 rev/gal
OFF BOTTOM PRESS	135 psi
TORQUE/PSI	9.20 ft-lbs/psi
VECTOR TOLERANCE	± 0.010 in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 4.005	0.003
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	1,410	psi
MAX TORQUE	12,972	ft-lb
MAX HP	349	hp
STALL DIFF PRESS	2,115	psi
STALL TORQUE	19,458	ft-lb
FIT INCREASE / °F	0.000294	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.

