

Technical Specifications

ROTOR SPECIFICATIONS	
OVERALL LENGTH	268.0 in
CONTOUR LENGTH	261.0 in
HEAD LENGTH*	7.00 in
HEAD DIAMETER*	4.75 in
MAJOR DIAMETER	4.783 in
MINOR DIAMETER	3.579 in
CREST-TO-VALLEY	4.181 in
ECCENTRICITY	0.301 in
THREAD TYPE	By Request

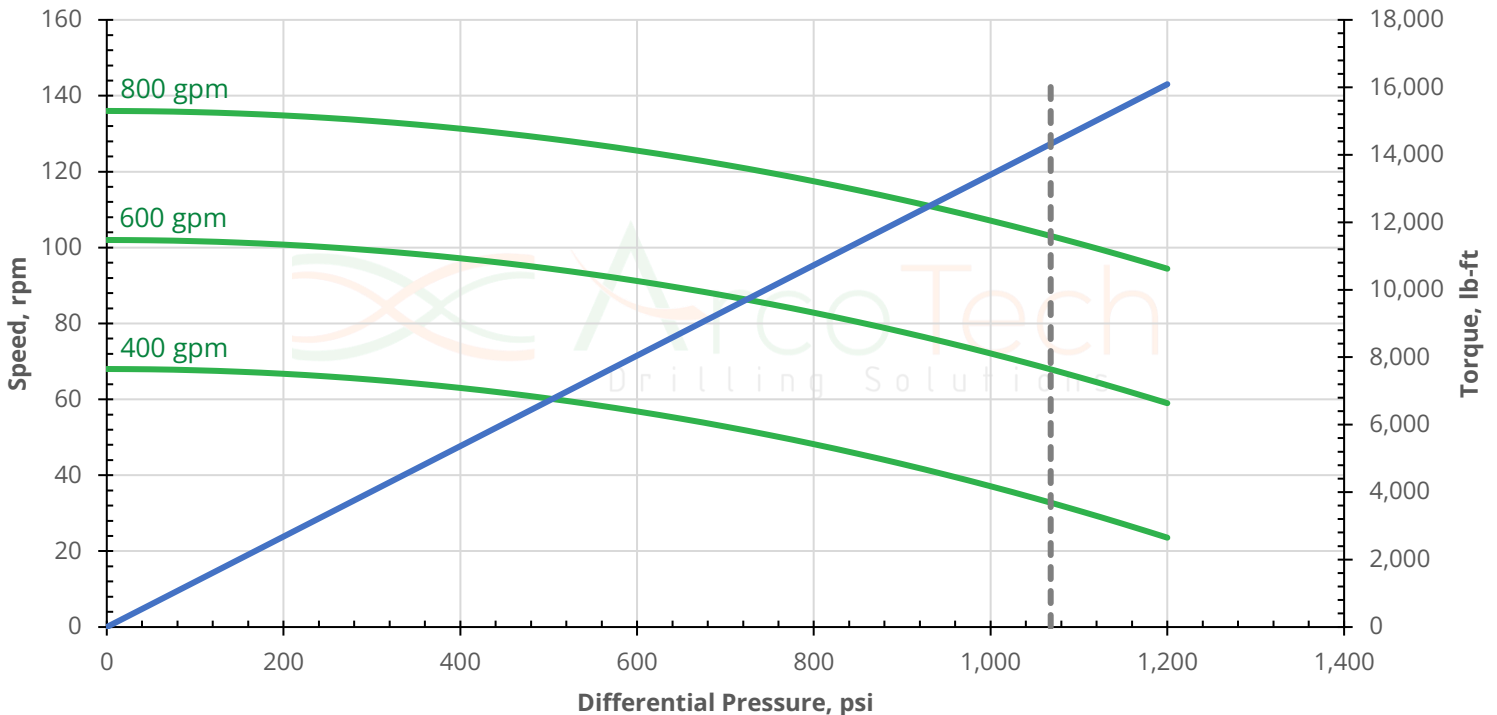
STATOR SPECIFICATIONS	
OVERALL LENGTH	275 in
CONTOUR LENGTH	256 in
TUBE OD	7.25 in
TUBE ID	6.00 in
CUTBACK*	7.50/11.50 in
WEIGHT	1163 lb
MATERIAL	4140
THREAD TYPE	By Request

*May be changed at customer request

PERFORMANCE	
FLOW RANGE	400-800 gpm
SPEED RANGE	68-136 rpm
RPG	0.170 rev/gal
OFF BOTTOM PRESS	210 psi
TORQUE/PSI	13.41 ft-lbs/psi
VECTOR TOLERANCE	± 0.010 in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 4.185	-0.004
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	1,068	psi
MAX TORQUE	14,322	ft-lb
MAX HP	281	hp
STALL DIFF PRESS	1,602	psi
STALL TORQUE	21,483	ft-lb
FIT INCREASE / °F	0.000386	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.

