

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	268	in
CONTOUR LENGTH	261	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	3.13	in
MAJOR DIAMETER	3.214	in
MINOR DIAMETER	2.404	in
CREST-TO-VALLEY	2.809	in
ECCENTRICITY	0.202	in
THREAD TYPE	By Request	

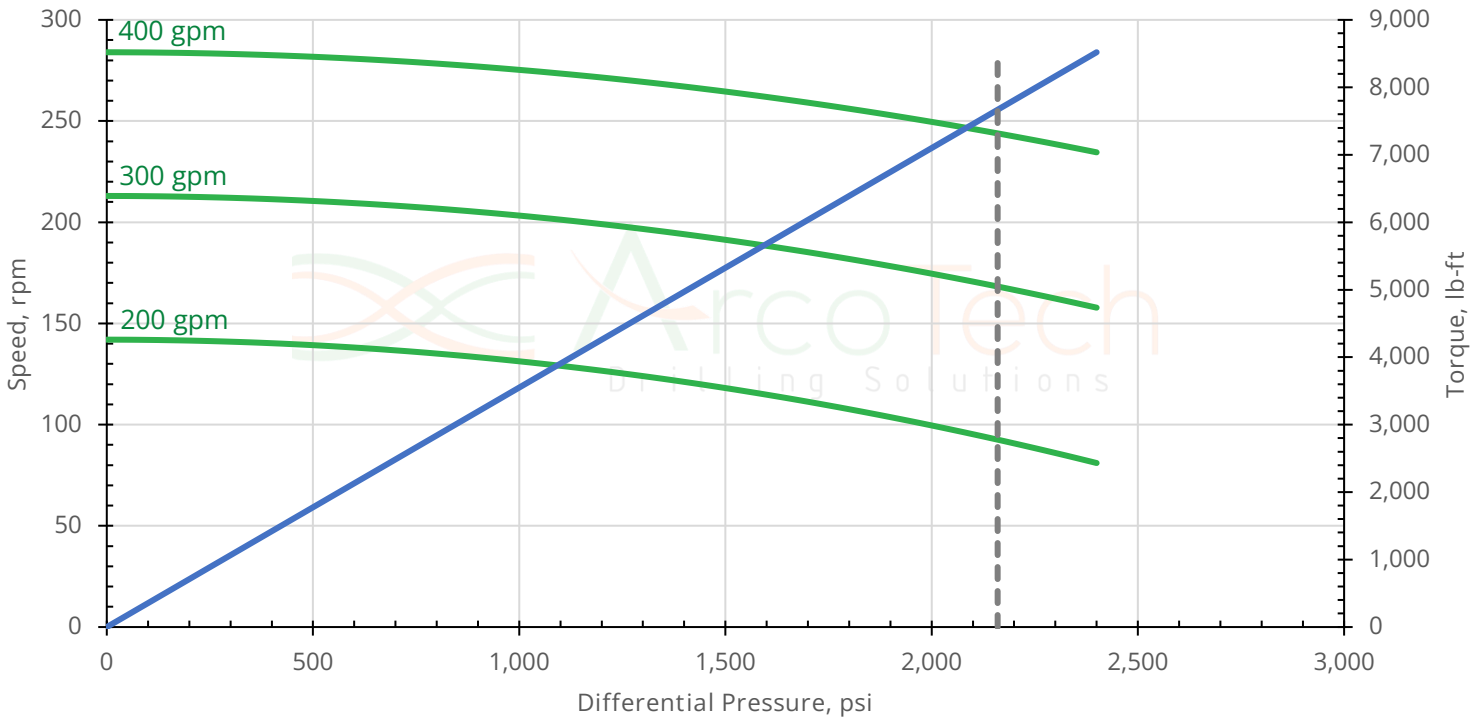
STATOR SPECIFICATIONS		
OVERALL LENGTH	275	in
CONTOUR LENGTH	259	in
TUBE OD	5.00	in
TUBE ID	4.00	in
CUTBACK*	8.00	in
WEIGHT	528	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	200-400	gpm
SPEED RANGE	142-284	rpm
RPG	0.710	rev/gal
OFF BOTTOM PRESS	282	psi
TORQUE/PSI	3.55	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 2.814	-0.005
0.5 X OS	
1 X OS 2.830	-0.021
1.5 X OS	
2 X OS 2.850	-0.041

ELASTOMER PERFORMANCE		
	RD202	
MAX DIFF PRESS	2,160	psi
MAX TORQUE	7,668	ft-lb
MAX HP	356	hp
STALL DIFF PRESS	3,240	psi
STALL TORQUE	11,502	ft-lb
FIT INCREASE / °F	0.000262	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.

