

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	196	in
CONTOUR LENGTH	188	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	4.75	in
MAJOR DIAMETER	5.186	in
MINOR DIAMETER	4.014	in
CREST-TO-VALLEY	4.600	in
ECCENTRICITY	0.293	in
THREAD TYPE	By Request	

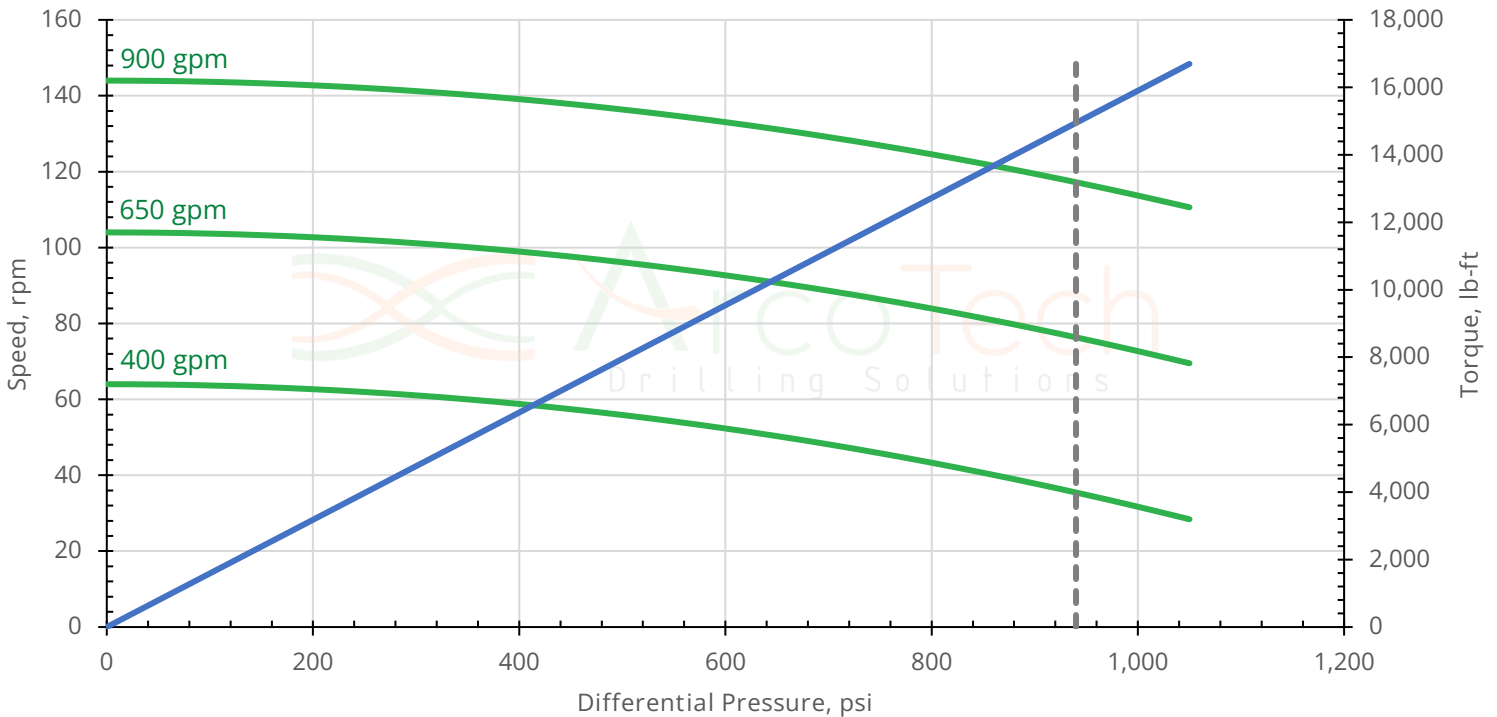
STATOR SPECIFICATIONS		
OVERALL LENGTH	207	in
CONTOUR LENGTH	191	in
TUBE OD	8.00	in
TUBE ID	6.25	in
CUTBACK*	8.00	in
WEIGHT	1245	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	400-900	gpm
SPEED RANGE	64-144	rpm
RPG	0.160	rev/gal
OFF BOTTOM PRESS	140	psi
TORQUE/PSI	15.90	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
RD202	RD202
1 X US	
STD 4.578	0.022
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
RD202		
MAX DIFF PRESS	940	psi
MAX TORQUE	14,946	ft-lb
MAX HP	334	hp
STALL DIFF PRESS	1,410	psi
STALL TORQUE	22,419	ft-lb
FIT INCREASE / °F	0.000342	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.

