

# Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	188	in
CONTOUR LENGTH	181	in
HEAD LENGTH*	7.00	in
HEAD DIAMETER*	4.00	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	

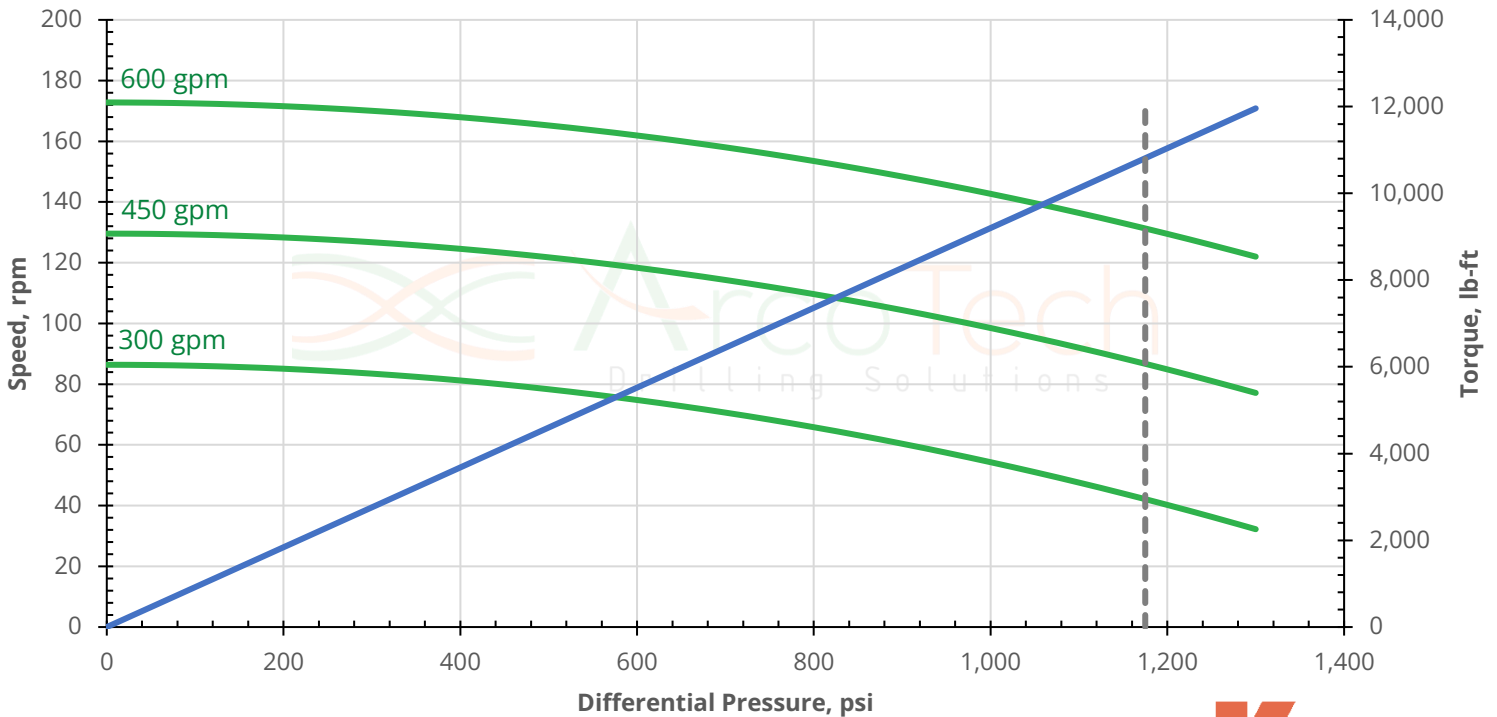
STATOR SPECIFICATIONS		
OVERALL LENGTH	205	in
CONTOUR LENGTH	189	in
TUBE OD	6.75	in
TUBE ID	5.50	in
CUTBACK*	8.00	in
WEIGHT	769	lb
MATERIAL	4140	
THREAD TYPE	By Request	

\*May be changed at customer request

PERFORMANCE		
FLOW RANGE	300-600	gpm
SPEED RANGE	86-173	rpm
RPG	0.288	rev/gal
OFF BOTTOM PRESS	240	psi
TORQUE/PSI	9.20	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)		NOMINAL FIT @ 70°F (in)	
K5		K5	
1 X US			
STD	4.005		0.003
0.5 X OS			
1 X OS			
1.5 X OS			
2 X OS			

ELASTOMER PERFORMANCE		
K5		
MAX DIFF PRESS	1,175	psi
MAX TORQUE	10,810	ft-lb
MAX HP	270	hp
STALL DIFF PRESS	1,763	psi
STALL TORQUE	16,215	ft-lb
FIT INCREASE / °F	0.000266	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.

