

# Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	285	in
CONTOUR LENGTH	277	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	5.50	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	

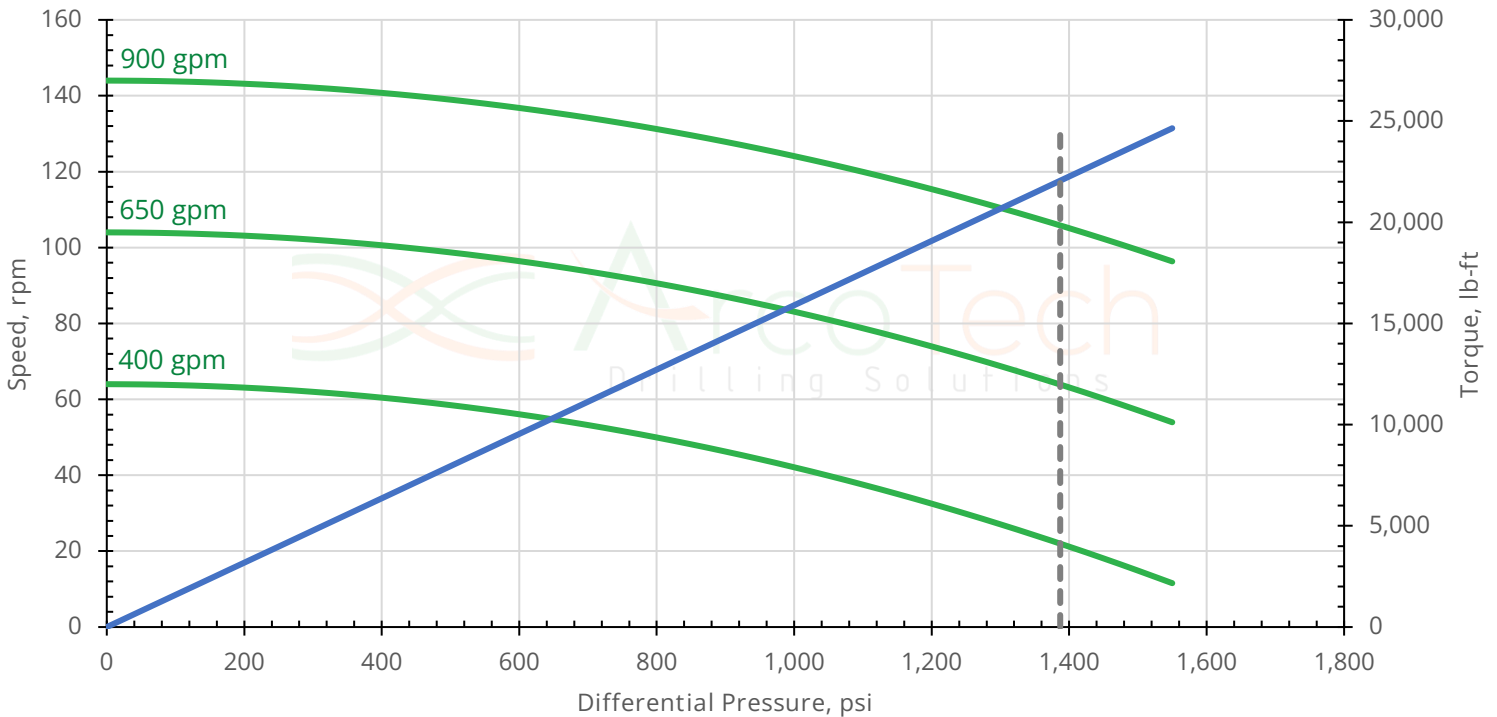
STATOR SPECIFICATIONS		
OVERALL LENGTH	300	in
CONTOUR LENGTH	284	in
TUBE OD	8.00	in
TUBE ID	6.25	in
CUTBACK*	8.00	in
WEIGHT	1592	lb
MATERIAL	4140	
THREAD TYPE	By Request	

\*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	210	psi
TORQUE/PSI	15.90	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
K5	K5
1 X US	
STD 4.584	0.016
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
K5		
MAX DIFF PRESS	1,387	psi
MAX TORQUE	22,053	ft-lb
MAX HP	444	hp
STALL DIFF PRESS	2,081	psi
STALL TORQUE	33,080	ft-lb
FIT INCREASE / °F	0.000361	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.