

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	272	in
CONTOUR LENGTH	264	in
HEAD LENGTH*	8.00	in
HEAD DIAMETER*	4.50	in
MAJOR DIAMETER	4.378	in
MINOR DIAMETER	3.278	in
CREST-TO-VALLEY	3.828	in
ECCENTRICITY	0.275	in
THREAD TYPE	By Request	

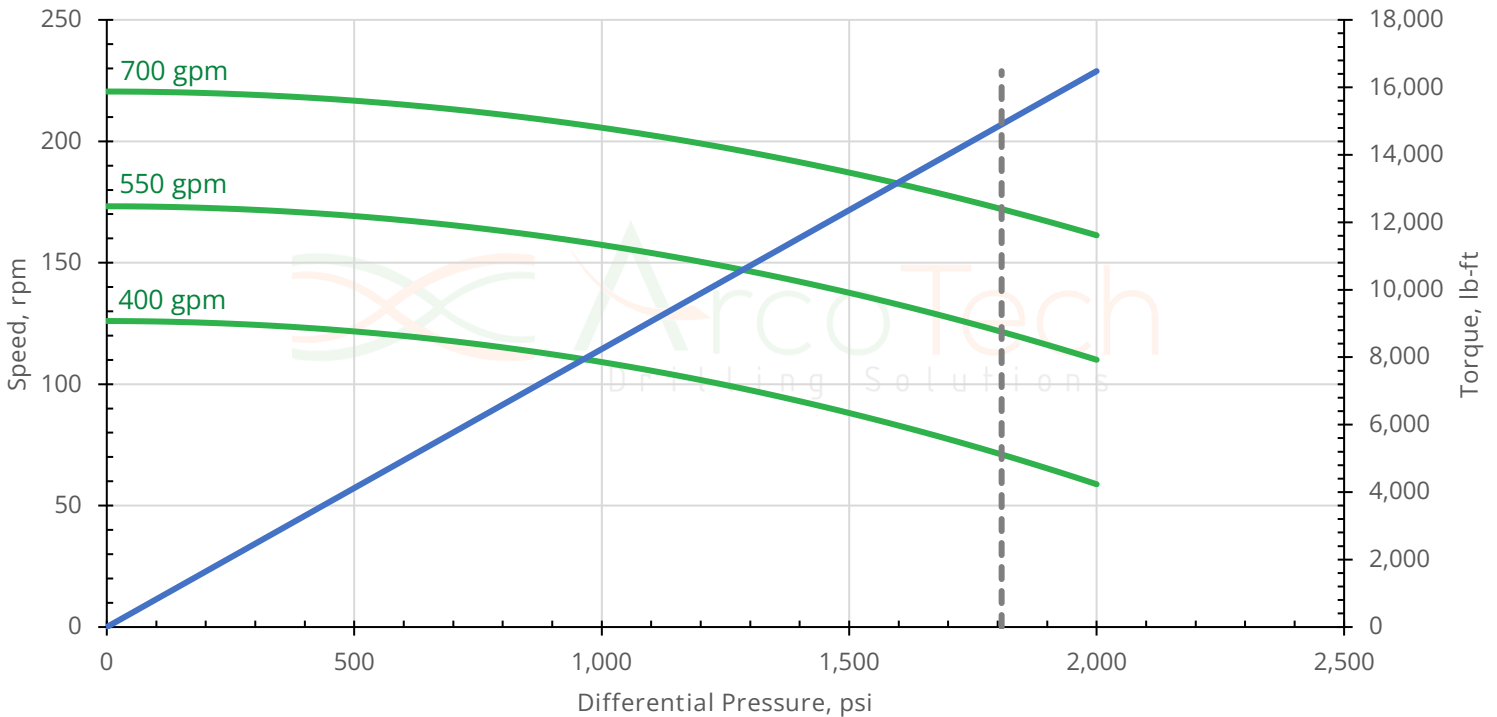
STATOR SPECIFICATIONS		
OVERALL LENGTH	285	in
CONTOUR LENGTH	269	in
TUBE OD	6.63	in
TUBE ID	5.63	in
CUTBACK*	10.00	in
WEIGHT	1079	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	400-700	gpm
SPEED RANGE	126-221	rpm
RPG	0.315	rev/gal
OFF BOTTOM PRESS	385	psi
TORQUE/PSI	8.24	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
K5	K5
1 X US	
STD 3.831	-0.003
0.5 X OS	
1 X OS	
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
K5		
MAX DIFF PRESS	1,808	psi
MAX TORQUE	14,898	ft-lb
MAX HP	488	hp
STALL DIFF PRESS	2,712	psi
STALL TORQUE	22,347	ft-lb
FIT INCREASE / °F	0.000378	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.