

Technical Specifications

ROTOR SPECIFICATIONS		
OVERALL LENGTH	285	in
CONTOUR LENGTH	278	in
HEAD LENGTH*	7.25	in
HEAD DIAMETER*	3.13	in
MAJOR DIAMETER	3.399	in
MINOR DIAMETER	2.544	in
CREST-TO-VALLEY	2.971	in
ECCENTRICITY	0.214	in
THREAD TYPE	By Request	

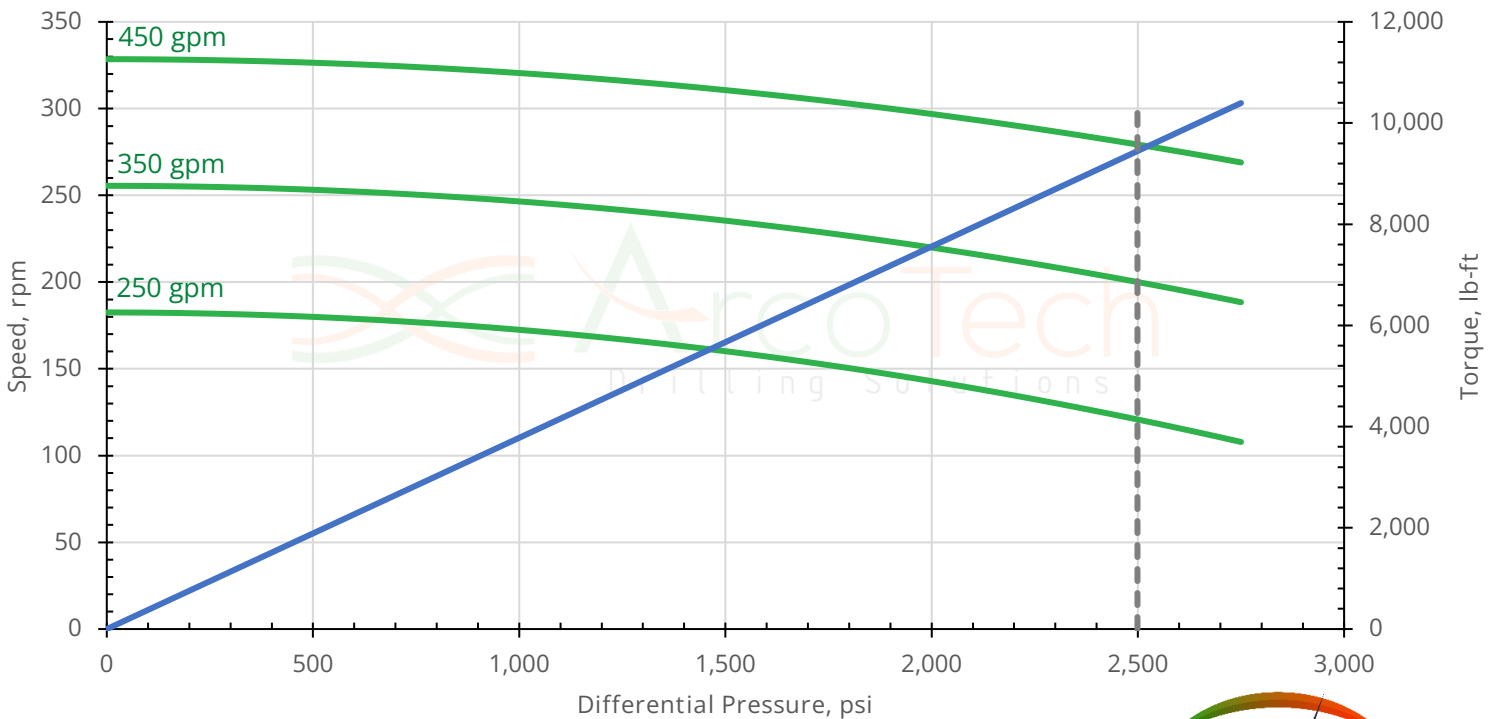
STATOR SPECIFICATIONS		
OVERALL LENGTH	300	in
CONTOUR LENGTH	283	in
TUBE OD	5.75	in
TUBE ID	4.50	in
CUTBACK*	8.0/9.0	in
WEIGHT	787	lb
MATERIAL	4140	
THREAD TYPE	By Request	

*May be changed at customer request

PERFORMANCE		
FLOW RANGE	250-450	gpm
SPEED RANGE	183-329	rpm
RPG	0.730	rev/gal
OFF BOTTOM PRESS	287	psi
TORQUE/PSI	3.78	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA. (in)	NOMINAL FIT @ 70°F (in)
VANTAGE	VANTAGE
1 X US STD	
0.5 X OS	
1 X OS 2.995	-0.024
1.5 X OS	
2 X OS	

ELASTOMER PERFORMANCE		
VANTAGE		
MAX DIFF PRESS	2,499	psi
MAX TORQUE	9,446	ft-lb
MAX HP	502	hp
STALL DIFF PRESS	3,749	psi
STALL TORQUE	14,169	ft-lb
FIT INCREASE / °F	0.000369	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.

