6.75" 7/8 3.0

Technical Specifications

ROTOR SPECIFICATIONS

OVERALL LENGTH	198	in
CONTOUR LENGTH	191	in
HEAD LENGTH	7.00	in
HEAD DIAMETER	4.00	in
MAJOR DIAMETER	4.570	in
MINOR DIAMETER	3.550	in
CREST-TO-VALLEY	4.060	in
ECCENTRICITY	0.255	in
THREAD TYPE	By Request	

STATOR SPECIFICATIONS

OVERALL LENGTH	204	in
CONTOUR LENGTH	188	in
TUBE OD	6.75	in
TUBE ID	5.50	in
CUTBACK	8.00	in
WEIGHT	760	lb
MATERIAL	4140	

PERFORMANCE

FLOW RANGE	300-600	gpm
SPEED RANGE	47-93	rpm
RPG	0.155	rev/gal
OFF BOTTOM PRESS	170	psi
TORQUE/PSI	15.89	ft-lbs/psi
VECTOR TOLERANCE	± 0.010	in

STATOR MIN. DIA.			NOMINAL FIT @ 70°F	
	RD202	VANTAGE	RD202	VANTAGE
1 X US				
STD	4.053		0.007	
0.5 X OS				
1 X OS				
1.5 X OS				
2 X OS				

ELASTOMER PERFORMANCE			
	RD202	VANTAGE	
MAX DIFF PRESS	690	690	psi
MAX TORQUE	10,964	10,964	ft-lb
MAX HP	162	162	hp
STALL DIFF PRESS	1,035	1,035	psi
STALL TORQUE	16,446	16,446	ft-lb
FIT INCREASE / °F	0.000278		in / °F

![Performance chart: Speed (rpm) and Torque (lb-ft) vs Differential Pressure (psi), showing curves for 600 gpm, 450 gpm, 300 gpm for Downhole Temperature (solid) and Dyno Temperature (dashed)]

Downhole Temperature — — — Dyno Temperature
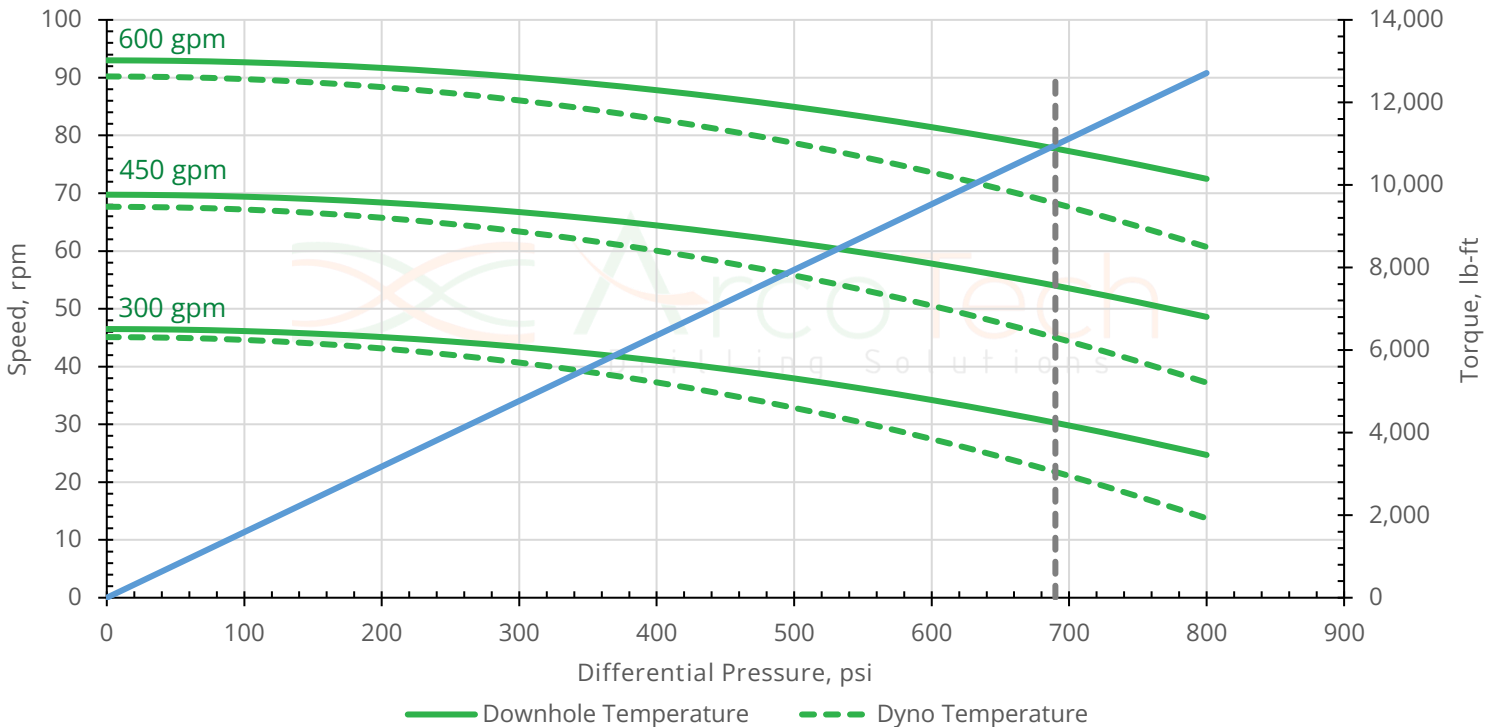
The performance data contained herein is for REFERENCE ONLY. Performance data and specifications for this model are generated based on shop/nominal fit between rotor and stator. ArcoTech power sections are designed to perform optimally at the temperature range recommended for each group/fit. Downhole 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.

Revision: 12