

Childress *Blitz* Motor

675-45-70

6.3/4" 4:5 Lobe 7.0 Stage

Power Section Specification

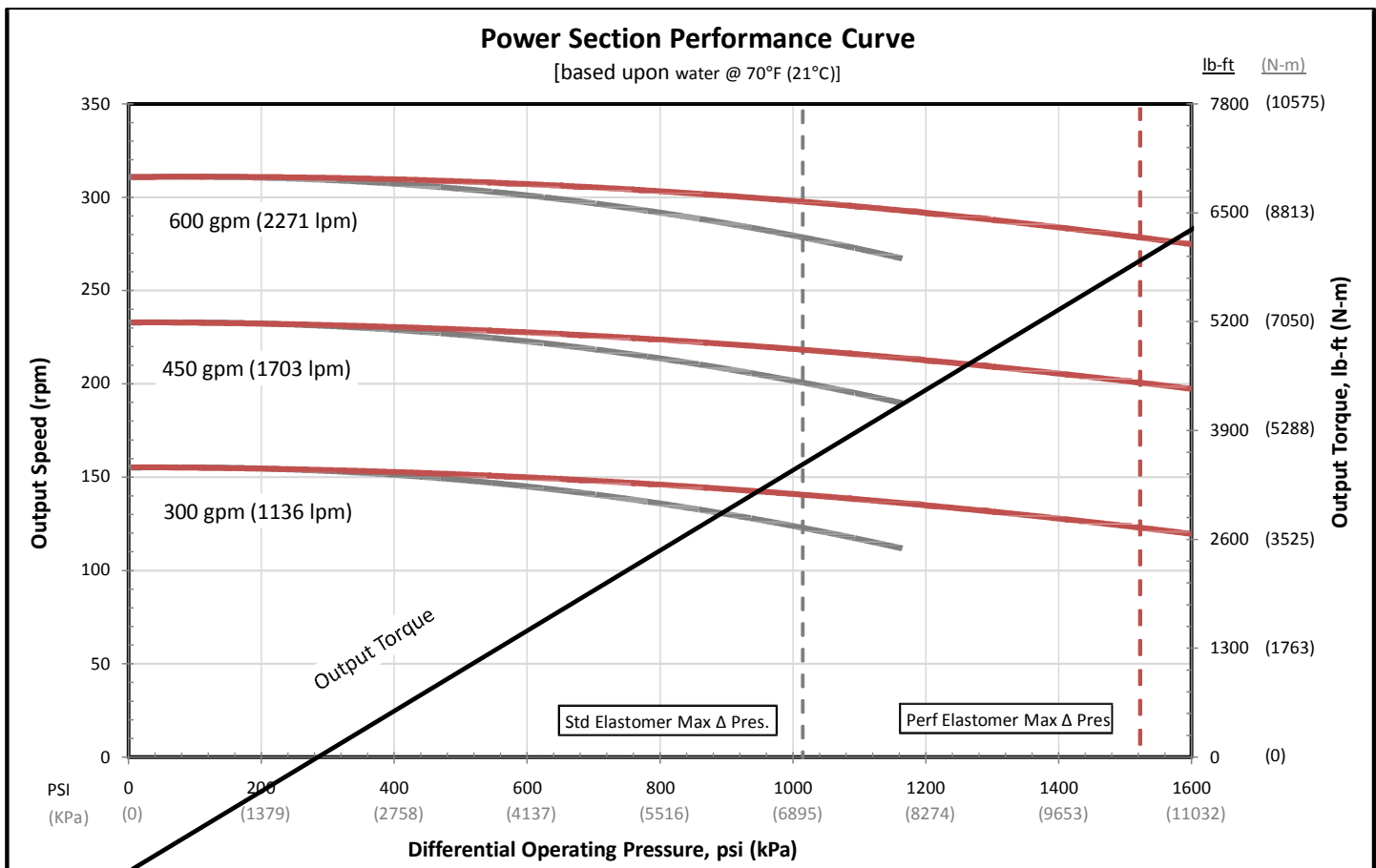
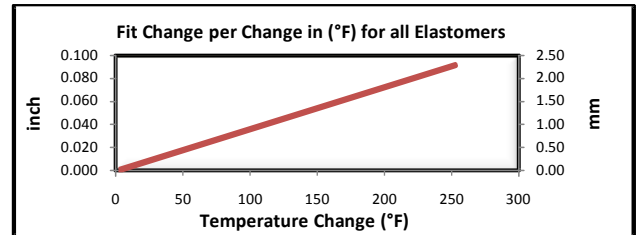
RECOMMENDED OPERATING LIMITS		
Flow Range	300-600 gpm	1136-2271 lpm
Revs per Unit Volume	0.52 rev/gal	0.14 rev/l
Speed (No Load)	156 - 311 rpm	
Zero Load Pressure	123 psi	846 kPa

PERFORMANCE OUTPUT		
Std Elastomer Max Δ Pressure	1015 psi	6999 kPa
Std Elastomer Torque @ Max Pressure	4821 ft-lbs	6536 Nm
Perf Elastomer Max Δ Pressure	1523 psi	10498.5 kPa
Perf Elastomer Torque @ Max Pressure	7231 ft-lbs	9804 Nm

	DIAMETERS			LENGTHS			GENERAL	
	Contour OD	Eccentricity	Head OD	Overall	Contour	Head Length	Mass	Std Thrd Form
Rotor	4.219 in 107.18 mm	0.354 in 8.99 mm	4.00 in 101.60 mm	202.50 in 5144 mm	195.50 in 4966 mm	7.00 in 178 mm	571 lbs 259 kg	2 7/8" API Reg Box *

	Tube OD	Tube ID	Alternative Tube OD	Overall	Contour	Std Rubber Cutback	Mass	* Alternate thread forms available
Stator	6.750 in 171.45 mm	5.500 in 139.70 mm	6.500 in 165.10 mm	214.63 in 5451 mm	198.63 in 5045 mm	8.00 in 203 mm	832 lbs 378 kg	Customer Specified

	FIT INFORMATION for all ELASTOMERS			
	Stator Minor ϕ		Nominal Fit at 70°F (21°C)	
	US			
US	n/a	n/a	n/a	n/a
STD	3.522 in	89.46 mm	-0.010 in	-0.26 mm
OS	3.554 in	90.27 mm	-0.042 in	-1.08 mm
2OS	n/a	n/a	n/a	n/a



Performance curves are for reference only. Performance data and dimensions subject to change without notice. Performance curves based upon Dyno testing at 70°F (21°C). Actual field performance may vary with field operational conditions. Operating a Power Section above maximum recommended performance will reduce life.