

Childress *Blitz* Motor

475-78-29

4.3/4" 7:8 Lobe 2.9 Stage

Power Section Specification

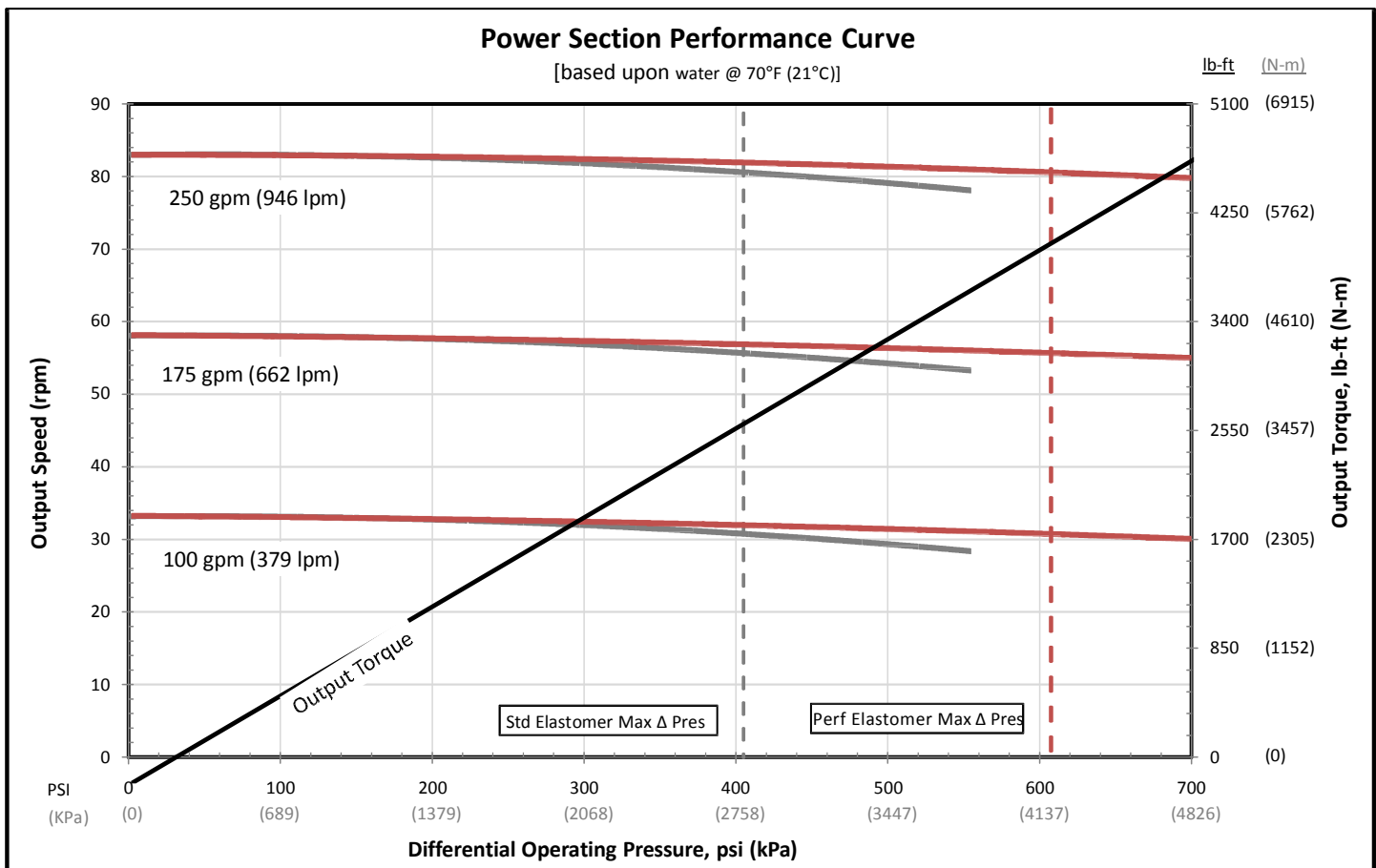
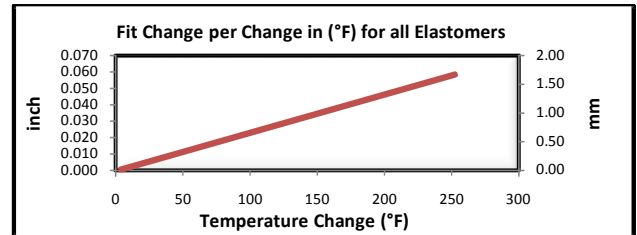
RECOMMENDED OPERATING LIMITS		
Flow Range	100-250 gpm	379-946 lpm
Revs per Unit Volume	0.34 rev/gal	0.09 rev/l
Speed (No Load)	34 - 83 rpm	
Zero Load Pressure	130 psi	896 kpa

PERFORMANCE OUTPUT		
Std Elastomer Max Δ Pressure	405 psi	2793 kpa
Std Elastomer Torque @ Max Pressure	2792 ft-lbs	3785 nm
Perf Elastomer Max Δ Pressure	608 psi	4189.5 kpa
Perf Elastomer Torque @ Max Pressure	4187 ft-lbs	5677 nm

	DIAMETERS			LENGTHS			GENERAL	
	Contour OD	Eccentricity	Head OD	Overall	Contour	Head Length	Mass	Std Thrd Form
Rotor	2.798 in	0.163 in	3.00 in	242.00 in	236.50 in	5.50 in	335 lbs	2 3/8" Hughes Ext Flush *
	71.08 mm	4.13 mm	76.20 mm	6147 mm	6007 mm	140 mm	152 kg	

	Tube OD	Tube ID	Alternative Tube OD	Overall	Contour	Std Rubber Cutback	Mass	* Alternate thread forms available
	Stator	4.750 in	3.750 in	5.000 in	250.00 in	234.00 in	8.00 in	
	120.65 mm	95.25 mm	127.00 mm	6350 mm	5944 mm	203 mm	244 kg	

	FIT INFORMATION for all ELASTOMERS			
	Stator Minor Ø		Nominal Fit at 70°F (21°C)	
	US	n/a	n/a	n/a
STD	2.484 in	63.09 mm	-0.011 in	-0.28 mm
OS	n/a	n/a	n/a	n/a
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.