

# Childress *Blitz* Motor

## 800-78-40

8" 7:8 Lobe 4.0 Stage

### Power Section Specification

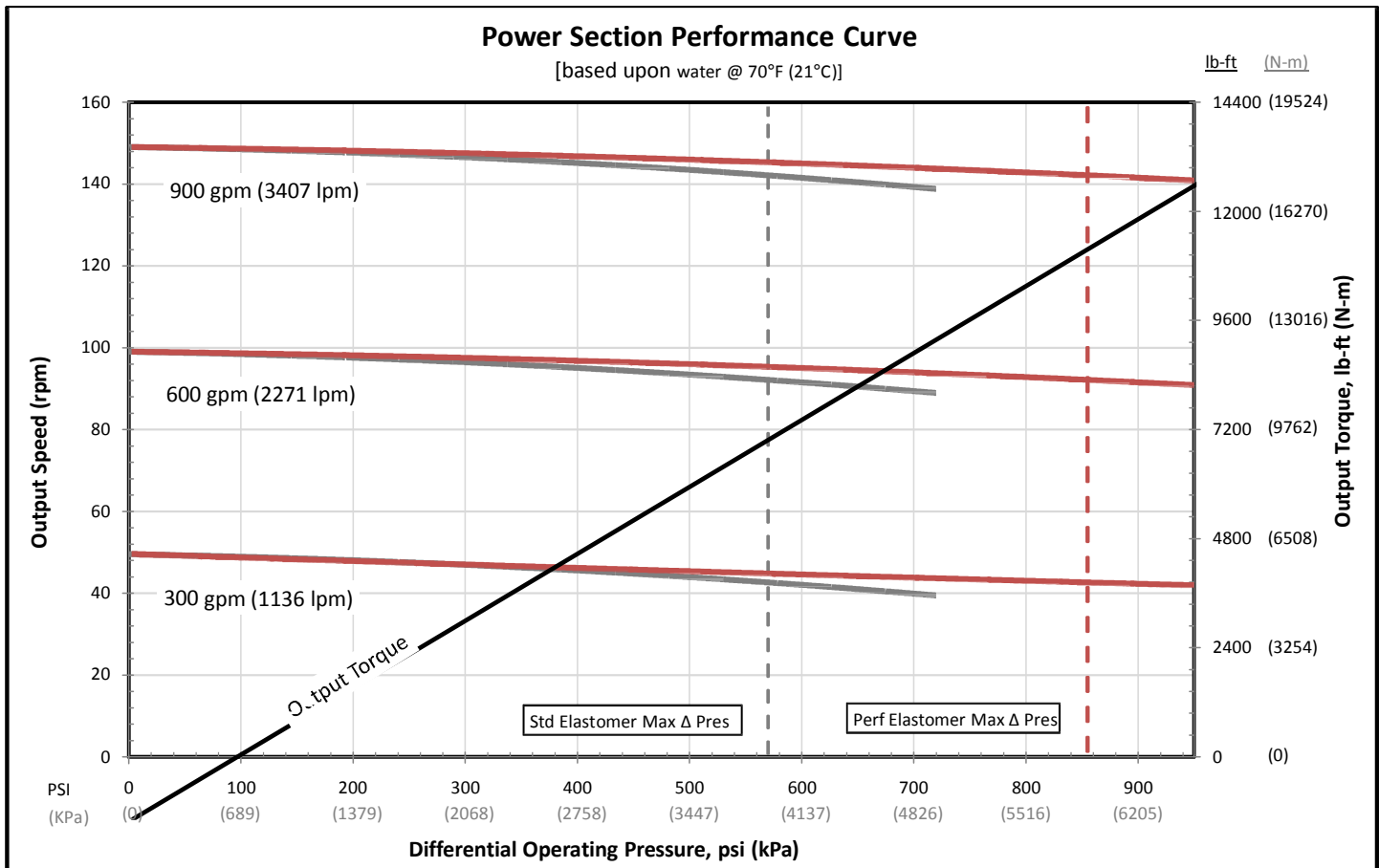
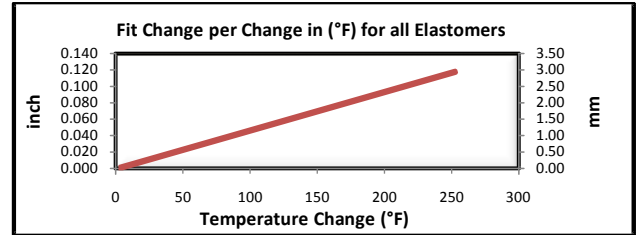
RECOMMENDED OPERATING LIMITS		
Flow Range	300-900 gpm	1136-3407 lpm
Revs per Unit Volume	0.17 rev/gal	0.05 rev/l
Speed (No Load)	50 - 149 rpm	
Zero Load Pressure	76 psi	521 kPa

PERFORMANCE OUTPUT		
Std Elastomer Max $\Delta$ Pressure	570 psi	3931 kPa
Std Elastomer Torque @ Max Pressure	8334 ft-lbs	11299 nm
Perf Elastomer Max $\Delta$ Pressure	855 psi	5896.5 kPa
Perf Elastomer Torque @ Max Pressure	12501 ft-lbs	16948 nm

	DIAMETERS			LENGTHS			GENERAL	
	Contour OD	Eccentricity	Head OD	Overall	Contour	Head Length	Mass	Std Thrd Form
<b>Rotor</b>	5.186 in	0.288 in	4.75 in	196.50 in	189.50 in	7.00 in	948 lbs	3 1/2" API Int Flush Box *
	131.73 mm	7.33 mm	120.65 mm	4991 mm	4813 mm	178 mm	430 kg	

	Tube OD	Tube ID	Alternative Tube OD	Overall	Contour	Std Rubber Cutback	Mass	* Alternate thread forms available
	<b>Stator</b>	8.000 in	6.250 in	7.750 in	206.00 in	190.00 in	8.00 in	
	203.20 mm	158.75 mm	196.85 mm	5232 mm	4826 mm	203 mm	590 kg	Customer Specified

	FIT INFORMATION for all ELASTOMERS			
	Stator Minor $\phi$		Nominal Fit at 70°F (21°C)	
	US			
US	n/a	n/a	n/a	n/a
STD	4.587 in	116.51 mm	0.022 in	0.57 mm
OS	4.637 in	117.78 mm	-0.028 in	-0.70 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.