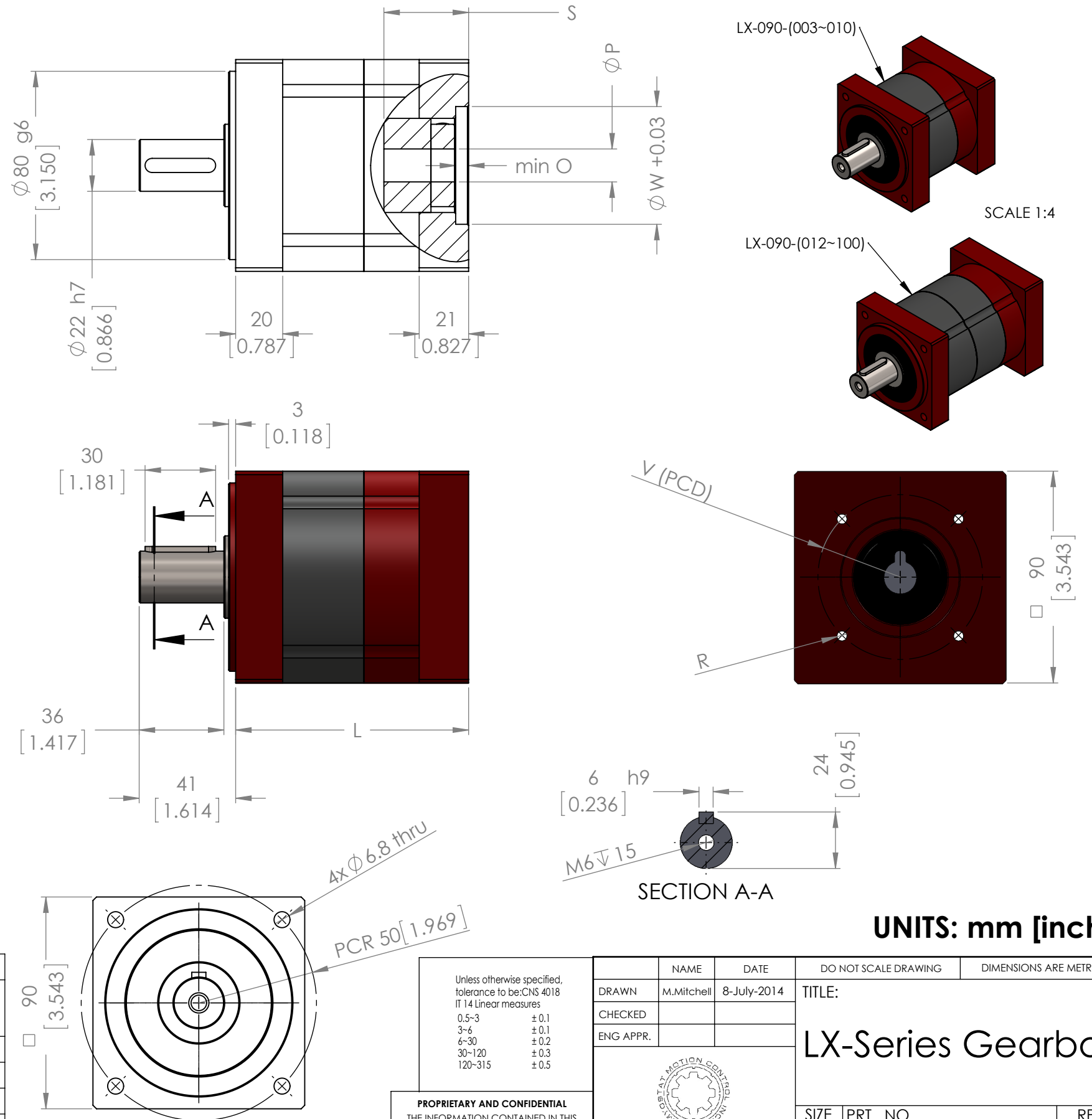



TECHNICAL DATA				
	Unit	Stages	Ratios	Value
Nominal Ouput Torque	Nm	1	3	80
			4,5	78
			7,9,10	63
		2	12,15,21,30	103
			20,28,40	94
			25,35,50	88
			49,70,100	72
		Max. Ouput Torque	1, 2	3~100
Max. Input Speed	rpm	1, 2	3~100	5000
Input Shaft Moment of Interia	Kg-cm^2	1	3	0.800
			4,5	0.500
			7,9,10	0.400
		2	12,15,21,30	0.750
			20,28,40	0.450
			25,35,50	0.400
			49,70,100	0.450
Maximum Axial Load	N	1, 2	12~100	1007
Maximum Radial Load	N	1, 2	3~100	2015
Torsional Stiffness	Nm/arc-min	1, 2	3~100	10.88
Efficiency at Full Load	%	1	3~10	95
		2	12~100	90
Avg. Service Life	Hrs	1, 2	3~100	20000
Ratios Available	-	1	3,4,5,7,9,10	
		2	12~100	
Max. Weight	Kg	1	3~10	3.2
		2	12~100	4.5
Backlash	Arc-min	1	3~10	≤6
		2	12~100	≤10
Noise Level*	dB	1, 2	3~100	≤65
Protection Rating	IP rating	1, 2	3~100	64
Operating Tempurature	Celcius	1, 2	3~100	-20 to 100

Ratios	L
3:1 to 10:1	99[3.898]
12:1 to 100:1	133.5[5.256]

VARIABLE DIMENSIONS [mm]							
Motor	Code	P: Shaft Diameter	V: Bolt Circle	S: Shaft Length	W: Pilot Diameter	O: Pilot Depth	R: Bolt Hole
CM-X-23XX0	17608	6.35	66.67	20.6	38.1	1.6	M4
CM2-X-56BX0A	17610	8	66.67	20.6	38.1	1.6	M4
CM2-X-60A10A	01910	8	70	25	50	3	M5
CM2-X-60A40A	01917	14	70	30	50	3	M5
24X08-M-SP-34S	8614	14	98.43	30.5	73	3	M5
24X08-M-SP-34L	8616	16	98.43	30.5	73	3	M5



UNITS: mm [inch]

Unless otherwise specified, tolerance to be: CNS 4018 IT 14 Linear measures 0.5-3 ± 0.1 3-6 ± 0.1 6-30 ± 0.2 30-120 ± 0.3 120-315 ± 0.5	NAME		DATE		DO NOT SCALE DRAWING		DIMENSIONS ARE METRIC			
	DRAWN		M.Mitchell		8-July-2014		TITLE: <h1>LX-Series Gearbox</h1>			
	CHECKED									
	ENG APPR.									
<div style="text-align: center;">  Myostat Motion Control Inc. 1+ 905-836-4441 www.myostat.ca </div>					SIZE		PRT. NO.		REV	
					B		LX-090- <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		0.0	
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MYOSTAT MOTION CONTROL INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF COOLMUSCLE INC. IS PROHIBITED.</p>					SCALE: 1:2		WEIGHT: -		SHEET 1 OF 1	