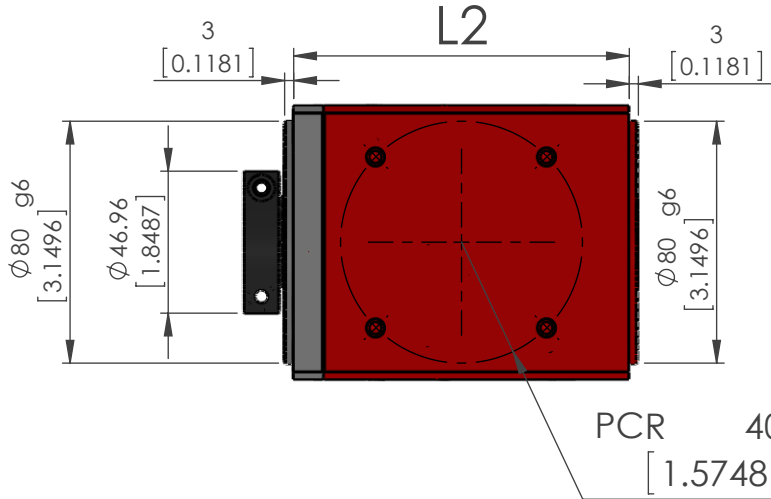
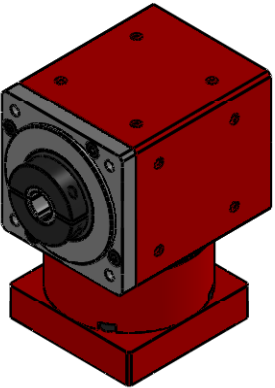


TECHNICAL DATA				
	Units	Ratio	RAHS	RLHS
Available Ratios	-		1,2,3,4,5	2,3,4,5
Nominal Output Torque	Nm	1	73	-
		2	69.7	
		3	54.4	
		4	49.4	
		5	47.8	
Max. Ouput Torque	RPM	1 - 5	nominal x2	
Emergency Stop Torque			nominal x2.5	
Nominal Input Speed			4000	
Max. Input Speed			6000	
Input Shaft Moment of Inertia	kg-cm^2	1	1.19	-
		2 - 5	0.9	
Max. Axial Load	N	1 - 5	1720	1345
Max. Radial Load			3440	2690
Torsional Stiffness	Nm/arcmin	1	12.2	-
		2	11.1	
		3	9.1	
		4	8.2	
		5	8	
Efficiency at Full Load	%	1 - 5	95≤	
Avg. Service Life	Hrs		20,000	
Weight	Kg		6.0	5.4
Backlash	arcmin		≤6	
Noise Level*	dB		≤75	
Protection Rating	IP rating		64	
Operating Temp.	°Celcius		-20 to 100	

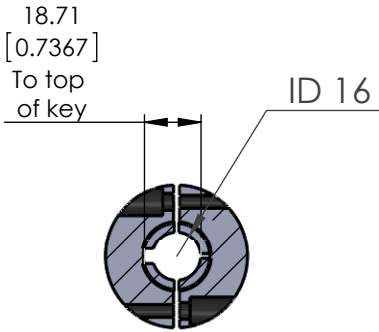
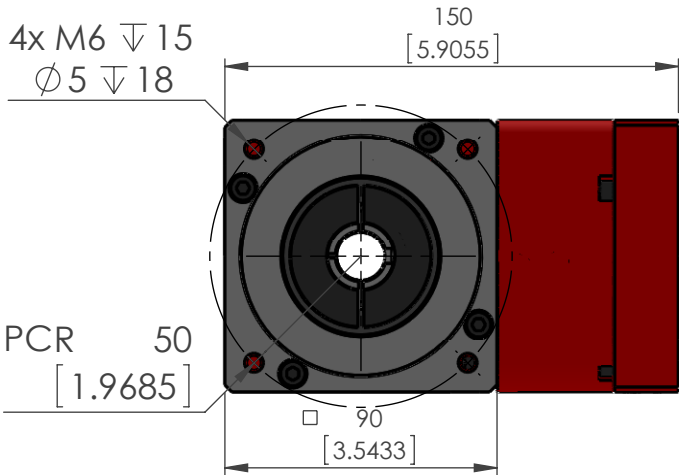
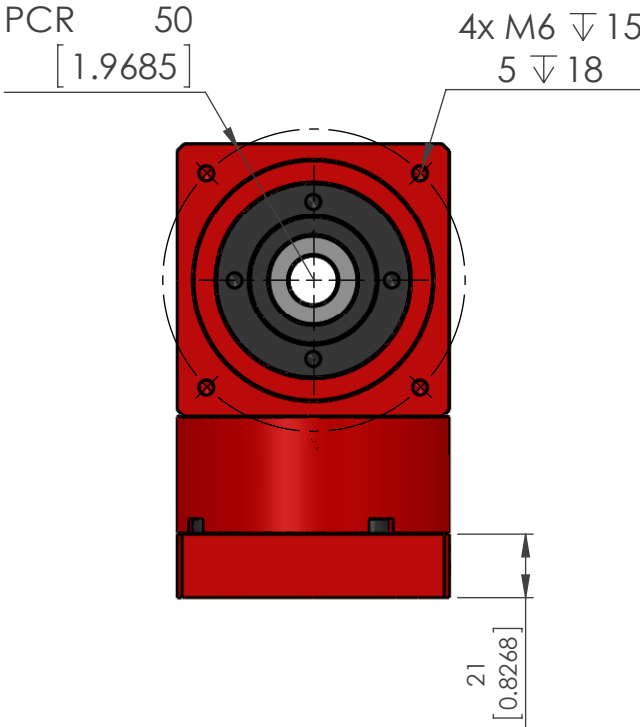
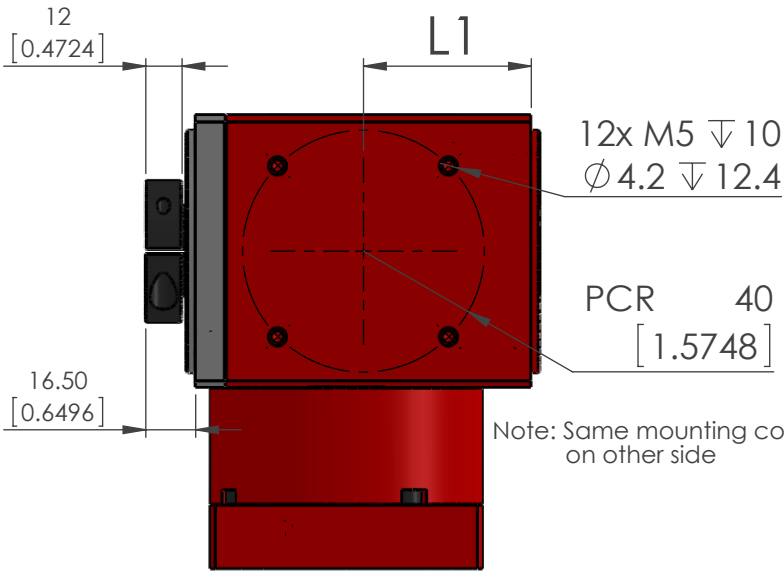


Model	L1	L2
RLHS-090-00 □	55.5	111
RAHS-090-00 □	68	136

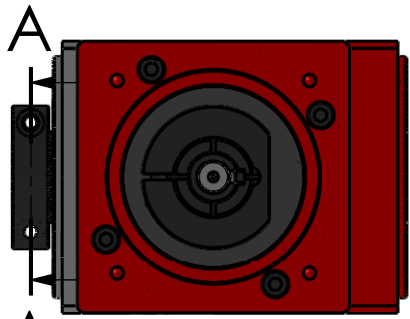
Note: RLHS-090-00 □ model shown



SCALE 4:1



A-A (1 : 2.5)




Various input options available for most common motors

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

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UNITS: mm [inch]

	NAME	DATE	DO NOT SCALE DRAWING		DIMENSIONS ARE METRIC	
DRAWN	M. Dank	May 28, 2012	TITLE:  <h1>R-Series Gearbox</h1>			
CHECKED						
ENG APPR.						
<div><p>Myostat Motion Control Inc. +1 905-836-4441 www.myostat.ca</p></div>			SIZE	PRT. NO.	REV	
			B	R <input type="checkbox"/> HS-090-00 <input type="checkbox"/>	0.0	
			SCALE: 1:2.5		WEIGHT: -	SHEET 1 OF 1