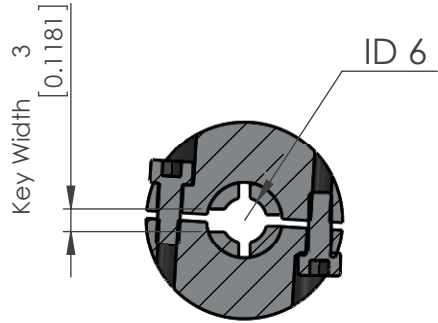
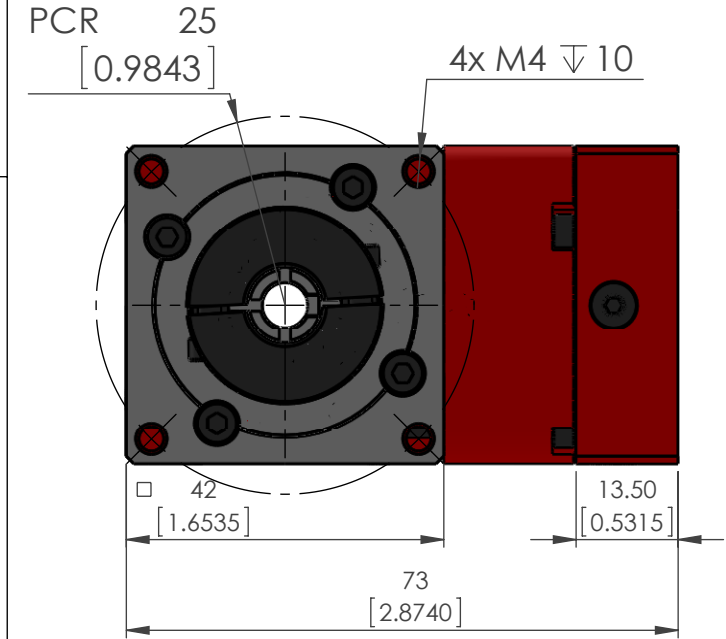
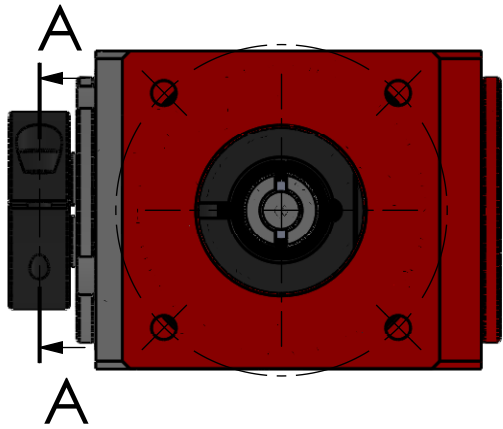


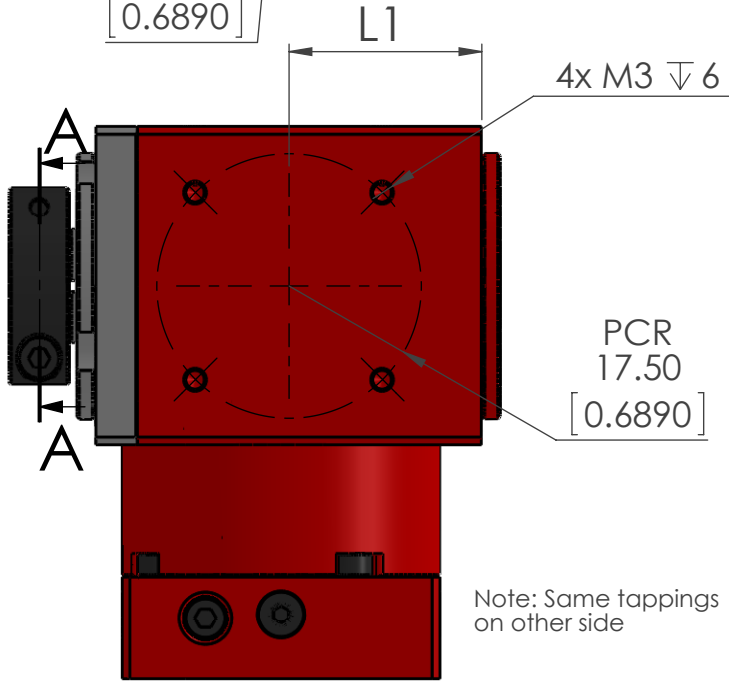
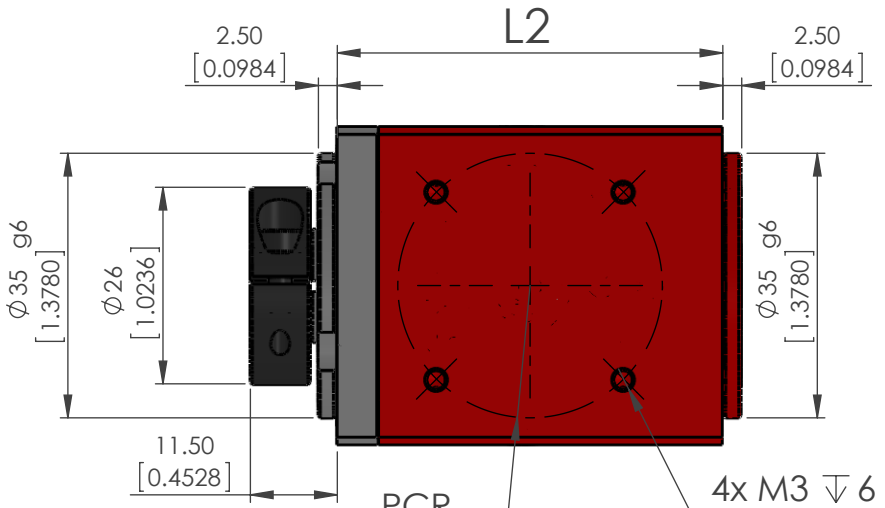
TECHNICAL DATA				
	Units	Ratio	RAHS	RLHS
Available Ratios	X:1		1,2,3,4,5	2,3,4,5
Nominal Output Torque	Nm	1	9.6	-
		2	8.5	
		3	6.9	
		4	5.6	
		5	5.2	
Max. Ouput Torque		1 - 5	nominal x2	
Emergency Stop Torque		1 - 5	nominal x2.5	
Nominal Input Speed	RPM	1 - 5	5,000	
Max. Input Speed			8,000	
Input Shaft Moment of Inertia	kg-cm^2	1	0.07	-
		2 - 5	0.06	
Max. Axial Load	N	1 - 5	90	85
Max. Radial Load		1 - 5	180	170
Torsional Stiffness	Nm/ arcmin	1	1.6	
		2	1.4	
		3	1.2	
		4	.9	
		5	.9	
Efficiency at Full Load	%	1 - 5	95≤	
Avg. Service Life	Hrs	1 - 5	20,000	
Weight	Kg	1 - 5	0.6	0.55
Backlash	arcmin	1 - 5	≤6	
Noise Level*	dB	1 - 5	≤70	
Protection Rating	IP rating	1 - 5	64	
Operating Temp.	°Celcius	1 - 5	-20 to 100	



A-A

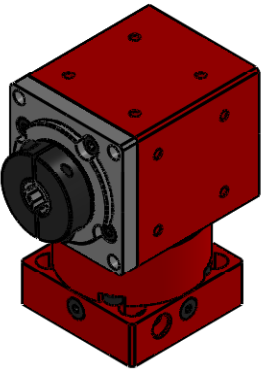


NEMA 17 mounting shown,
other common configurations available

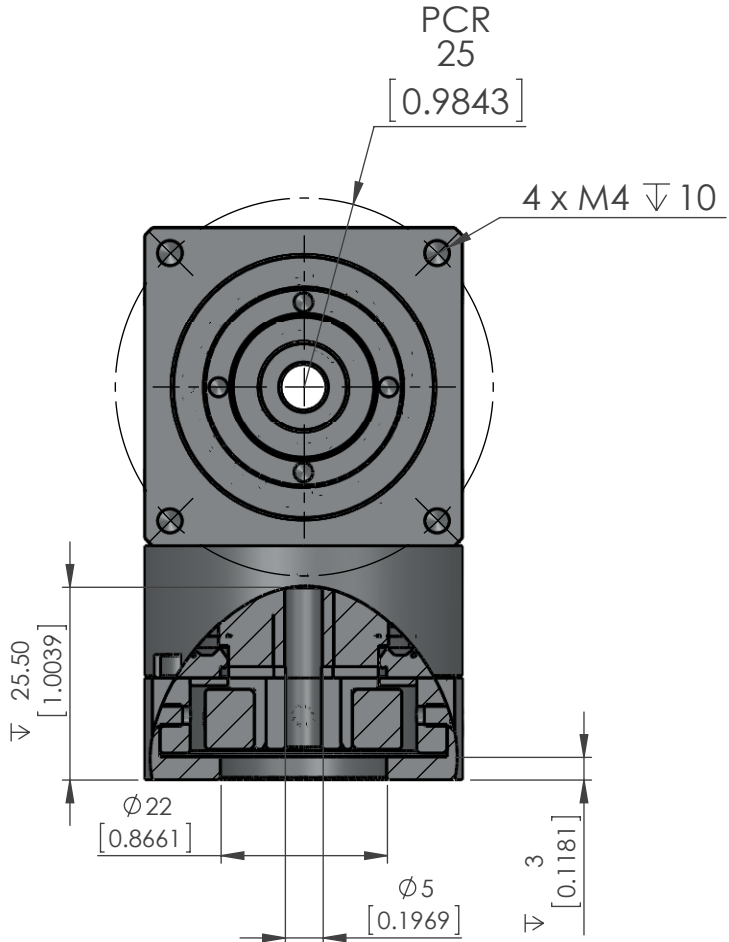


Model	L1	L2
RLHS-042-00 <input type="checkbox"/>	25.5	51
RAHS-042-00 <input type="checkbox"/>	30	60


Note: RLHS-042-00 ☐ Model Shown



SCALE 2:1



UNITS: mm [inch]

<div>Unless otherwise specified, tolerance to be: CNS 4018 IT 14 Linear measures</div> <div><div>0.5-3 ± 0.1</div><div>3-6 ± 0.1</div><div>6-30 ± 0.2</div><div>30-120 ± 0.3</div><div>120-315 ± 0.5</div></div>	NAME		DATE		DO NOT SCALE DRAWING		DIMENSIONS ARE METRIC		
	DRAWN		M. Dank		May 15, 2012		TITLE: R-Series Gearbox		
	CHECKED								
	ENG APPR.								
<div>PROPRIETARY AND CONFIDENTIAL</div> <div>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MYOSTAT MOTION CONTROL INC.</div> <div>ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF COOLMUSCLE INC. IS PROHIBITED.</div>		<div></div> <div>Myostat Motion Control Inc.</div> <div>+1 905-836-4441</div> <div>www.myostat.ca</div>		SIZE		PRT. NO.		REV	
				B		R <input type="checkbox"/> HS-042-00 <input type="checkbox"/>		2.0	
				SCALE: 1:1		WEIGHT: -		SHEET 1 OF 1	