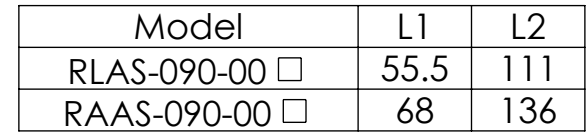


TECHNICAL DATA				
	Units	Ratio	RAAS	RLAS
Available Ratios	-		1,2,3,4,5	2,3,4,5
Nominal Output Torque	Nm	1	73	-
		2	69.7	
		3	54.4	
		4	49.4	
		5	47.8	
Max. Ouput Torque	RPM	1 - 5	nominal x2	
Emergency Stop Torque			nominal x2.5	
Nominal Input Speed			4000	
Max. Input Speed			6000	
Input Shaft Moment 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		6.2	5.6
Backlash	arcmin		≤6	
Noise Level*	dB		≤75	
Protection Rating	IP rating		64	
Operating Temp.	°Celcius		-20 to 100	



25  
[0.9843]

4  
[0.1575]

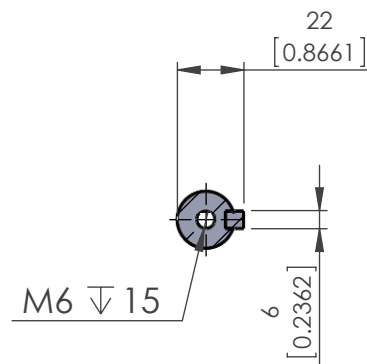
L1

12x M5  $\nabla$  10  
 $\varnothing$  4.2  $\nabla$  12.4

PCR 40  
[1.5748]

34.50  
[1.3583]


Note: Same mounting holes on other side



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