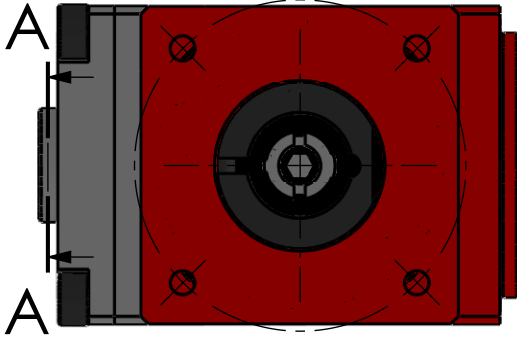
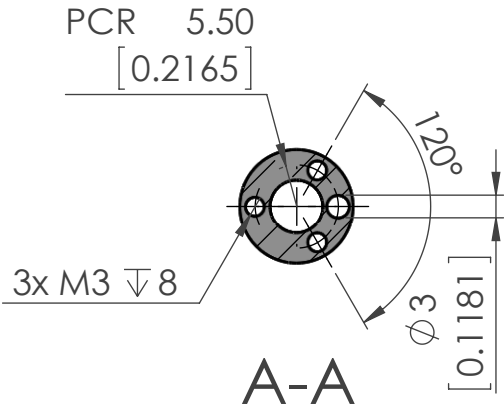
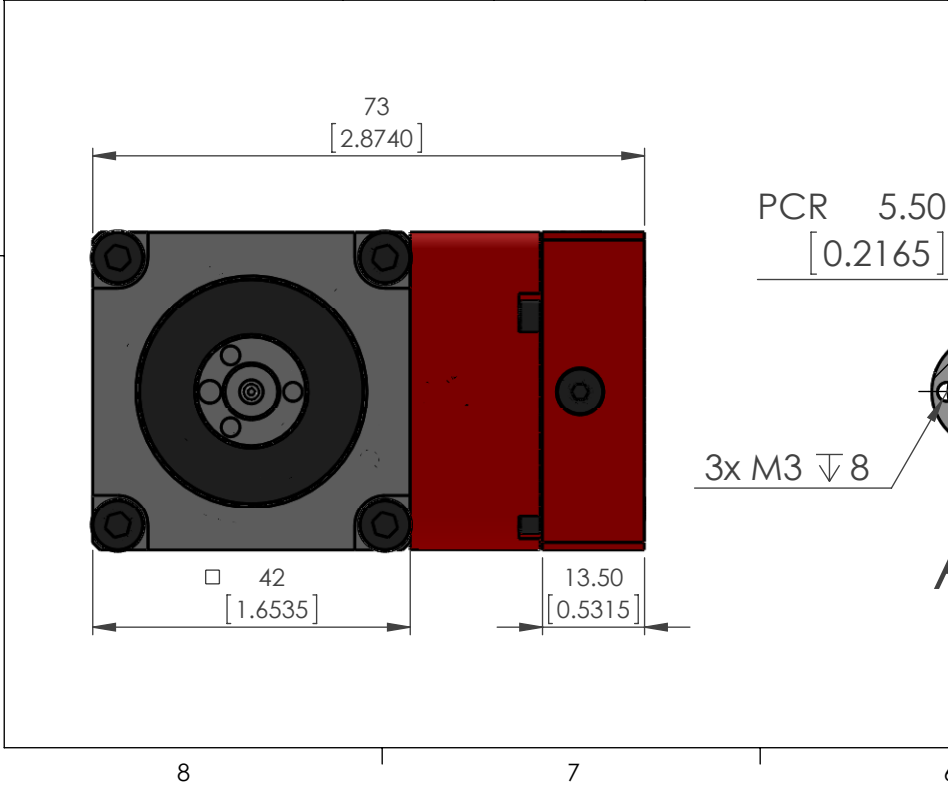
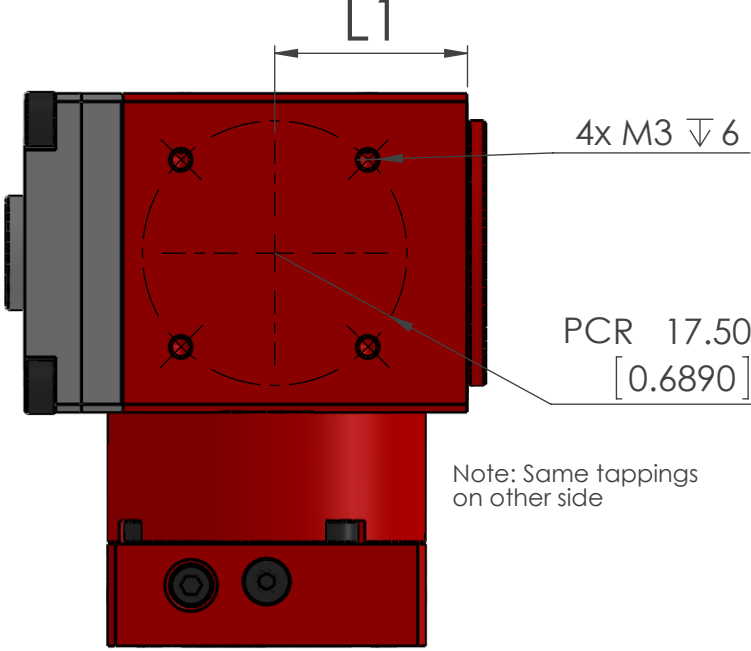
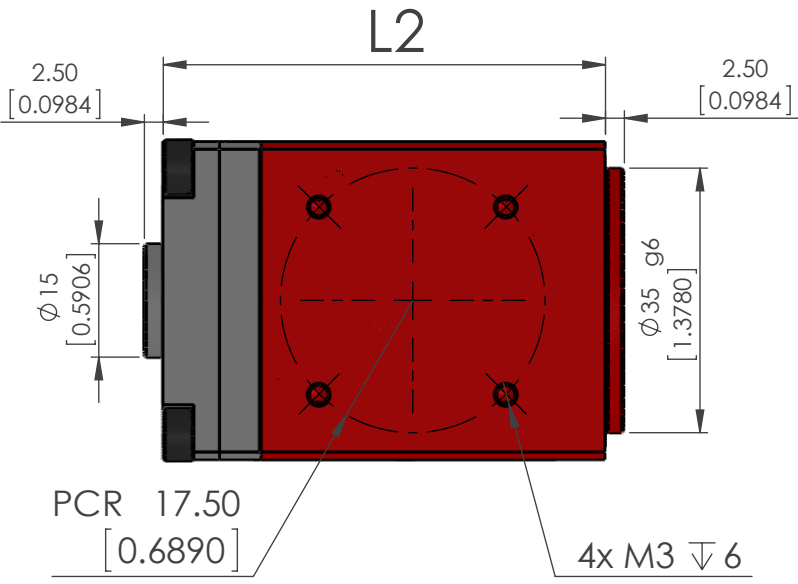


TECHNICAL DATA				
	Units	Ratio	RAFS	RLFS
Available Ratios	X:1		1,2,3,4,5	2,3,4,5
Nominal Output Torque	Nm	1	9.6	-
		2	8.5	
		3	6.9	
		4	5.6	
		5	5.2	
Max. Ouput Torque		1 - 5	nominal x2	
Emergency Stop Torque		1 - 5	nominal x2.5	
Nominal Input Speed	RPM	1 - 5	5,000	
Max. Input Speed			8,000	
Input Shaft Moment of Inertia	kg-cm^2	1	0.07	-
		2 - 5	0.06	
Max. Axial Load	N	1 - 5	150	300
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	0.7	0.6
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	



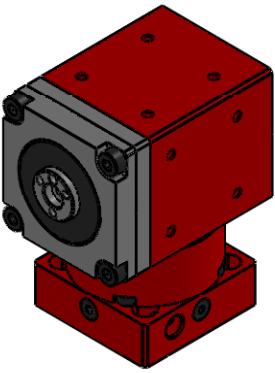
NEMA 17 mounting shown,
other common configurations available



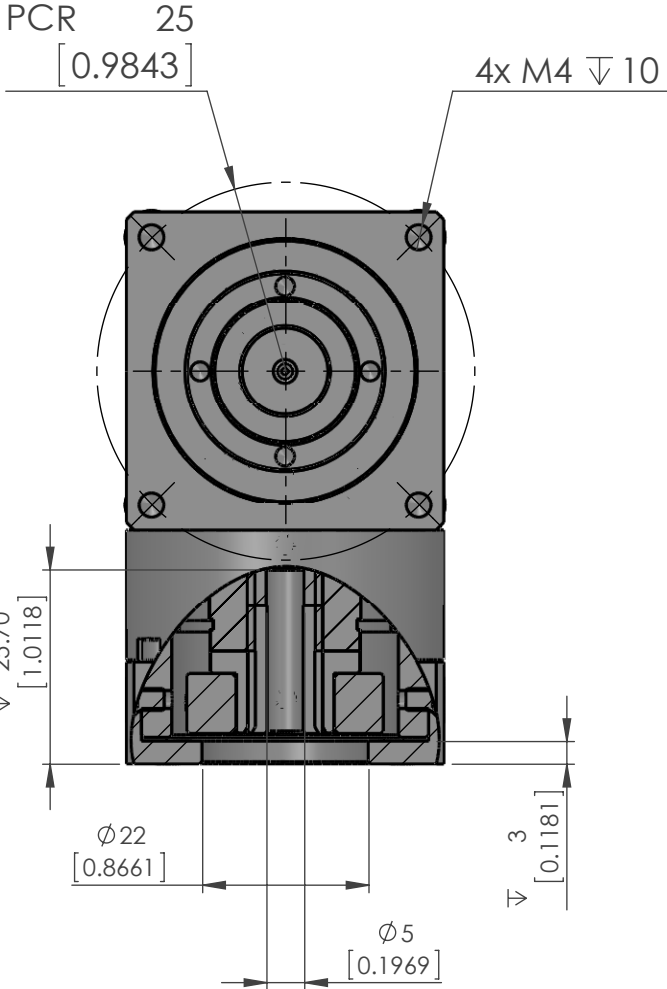
Note: Same tappings
on other side

Model	L1	L2
RLFS-042-00 □	25.5	58.5
RAFS-042-00 □	30	67.5

Note: RLAS-042-00 □ Model Shown



SCALE 2:1



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

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NAME	DATE	DO NOT SCALE DRAWING	DIMENSIONS ARE METRIC
DRAWN	M. Dank	May 15, 2012	
CHECKED			
ENG APPR.			

TITLE:
R-Series Gearbox

SIZE B	PRT. NO. R □ FS-042-00 □	REV 2.0
SCALE: 1:1	WEIGHT: -	SHEET 1 OF 1