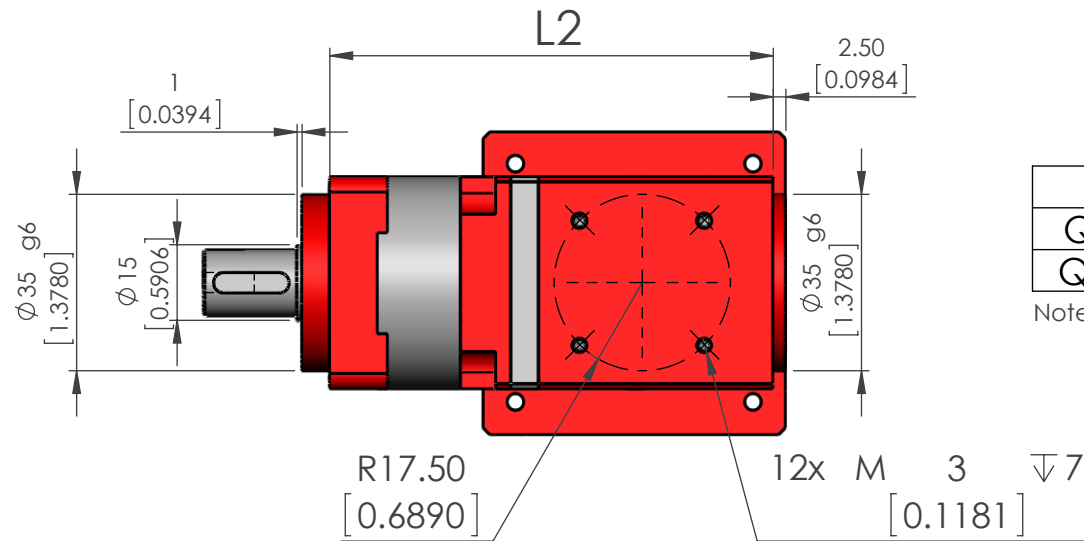


# TECHNICAL DATA

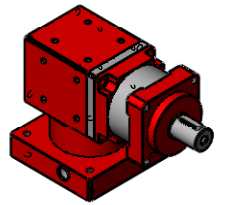
	Units	Ratio	QAAS	QLAS
Available Ratios	X:1		3~50	6~50
Nominal Output Torque*	Nm	8,10,15	10	
		35	8	
		20,30,40,50	6	
Max. Output Torque	Nm	3~50	nominal x2	
Emergency Stop Torque			nominal x2.5	
Nominal Input Speed			5,000	
Max. Input Speed	RPM		8,000	
Input Shaft Moment of Inertia	kg-cm^2		0.06	
Max. Axial Load	N	3~50	300	
Max. Radial Load			200	
Torsional Stiffness	Nm/arcmin		0.5	
Efficiency at Full Load	%		90≤	
Avg. Service Life	Hrs		10,000	
Weight	Kg		1.2	1.15
Backlash	arcmin		≤7	
Noise Level*	dB		≤70	
Protection Rating	IP rating		64	
Operating Temp.	°Celcius		-20 to 100	

\*Values given for standard ratios - other ratios available

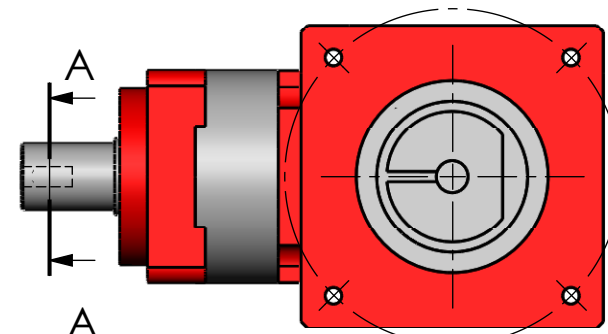
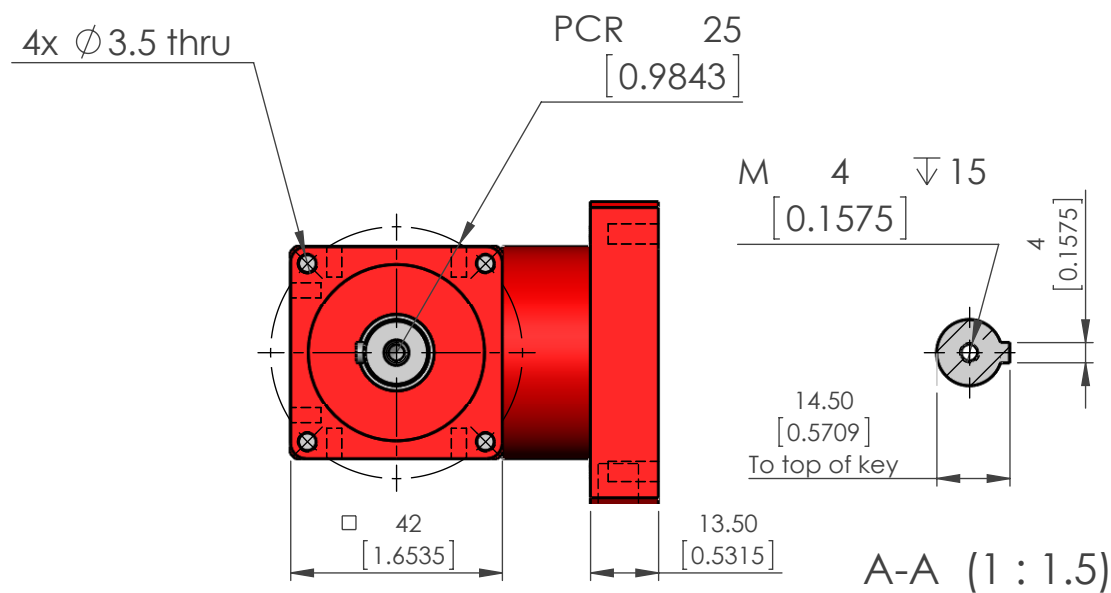
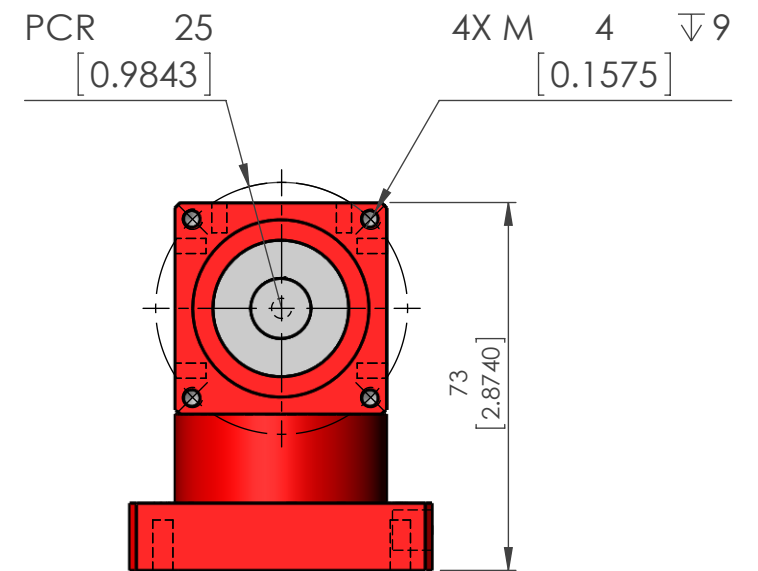
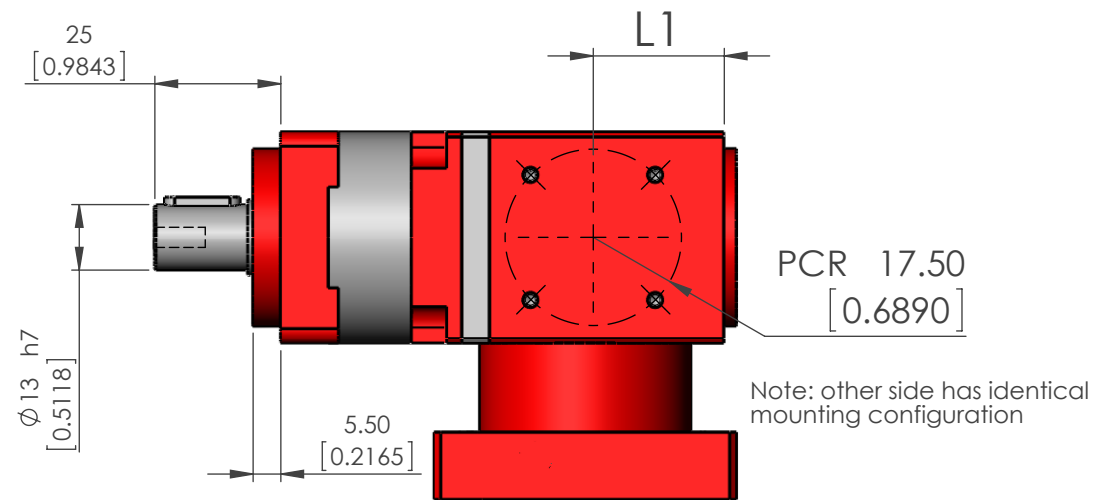


Model	L1	L2
QLAS-042-0 □ □	26	88
QAAS-042-0 □ □	30.5	97

Note: QLAS-042-0 □ □ Model Shown



SCALE 1:4



NEMA 23 mounting shown, other common configurations available

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 18, 2012	TITLE:
CHECKED			R Series Gearbox
ENG APPR.			
SIZE	PRT. NO.	REV	
B	Q □ AS-042-0 □ □	1.0	
SCALE: 1:1.5	WEIGHT: -	SHEET 1 OF 1	