

# IP54 General Purpose Enclosures Technical Specification

Manufactured from ADC12 aluminium, this range offers a versatile, IP54 enclosure solution for applications where light protection against dust and low pressure water spray is required.

15 sizes are available, complete with captive screws, earth screws and PCB guides on selected sizes. Nine sizes are also available with flanges for easy mounting.

Deltron Enclosures can customise any enclosure in our UK factory, including machining, painting, component sourcing and installation to meet your specification, save time and cut your costs. View our Services page on our website for more information.



**For more information:**

Phone: +44 (0)1724 273206

## Features:

- IP54 Rated
- Manufactured from ADC12
- Certified to BS EN 60529:1992
- RoHS Compliant

## Typical Applications:

- Remote Control Systems
- Keyboards
- Display Boards
- Radio Instrumentation

## Available Dimensions (mm):

90 x 36 x 30*	115 x 64 x 30*
115 x 90 x 55*	115 x 65 x 55*
172 x 121 x 55*	172 x 121 x 106*
223 x 147 x 55*	223 x 147 x 106
275 x 176 x 65	141 x 102 x 76
166 x 128 x 76	121 x 101 x 35*
251 x 251 x 99	81 x 56 x 25
61 x 56 x 30	*= Available with Flanges

**Finishes:** Plain Aluminium, Powder or Nylon coat.

**Coating Colours:** Grey, Blue or Black.

Or choose to have your enclosure customised for bespoke finishes and colours.

**DEM Manufacturing**  
Deltron Emcon House,  
Hargreaves Way,  
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Scunthorpe, DN15 8RF.

**DELTRON** Enclosures

Web: [www.dem-uk.com/deltron-enclosures](http://www.dem-uk.com/deltron-enclosures)

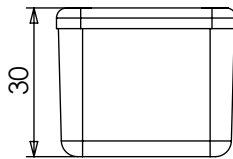
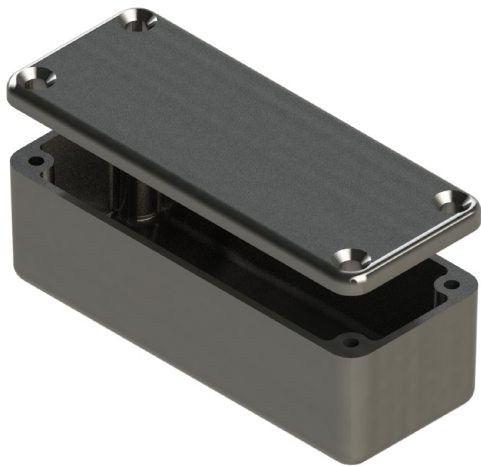
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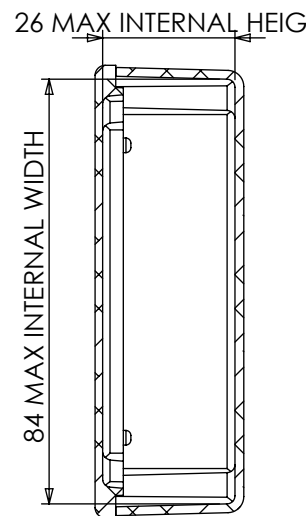
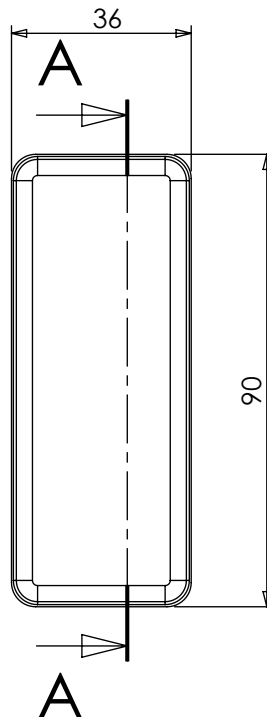
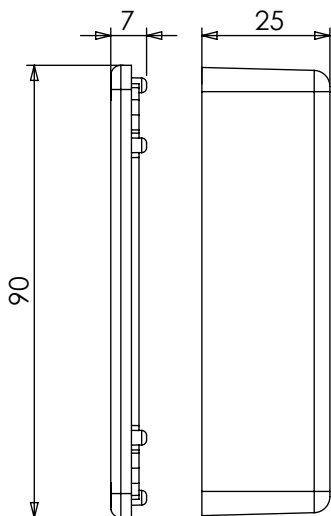
REV	1	DATE	ECN NUMBER	ECR COMMENT
003		06 Jun 2017	C03614	TORQUE SETTINGS ADDED

LENGTH	WIDTH	HEIGHT	SEAL	TORQUE SETTINGS
90	36	30	NONE	NONE
			IP66	0.3Nm
			IP68	0.7Nm
			IP68 EMI/RFI	1.0Nm
BOX DIMENSION IN MM			COLOUR OPTION - COL	



**STANDARD DUTY ENCLOSURE**

- Material grade ADC12/LM2 Die Cast
- IP Rated available
- Min wall thickness 1.5mm
- Min lid thickness 1.5mm
- Fine textured powder coating and
- Screws stainless steel
- IP68 Tested to 5 metres for 1 hour
- Enclosures can be supplied fully fa



SECTION A-A

**DELTRON Components** | **bes** | **DEM** | **Alpha3 manufacturing**

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES  
 LINEAR & RADIAL TOLERANCE:  
**NO DECIMAL PLACES**  
**1 DECIMAL PLACE**  
**2 DECIMAL PLACES**  
**ANGULAR TOLERANCE:**

**IF IN DOUBT ASK! DO NOT SCALE DRAWING!**

FINISH	SEE NOTES
MATERIAL	ALUMINIUM ALLOY
THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION	

AUTHOR	EDITOR
APPROVER	THIRD ANGLE PRO

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