

# IP66 General Purpose Enclosures

## Technical Specification

If you require light protection against water ingress, this range could be ideal. With an IP66 seal, this range is dust proof, splash proof, and protects from powerful jets of water, as per BS EN 60529:1992.

15 sizes are available, complete with neoprene gasket, lid 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 273200

### Features:

- IP66 Rated
- Manufactured from ADC12
- Certified to BS EN 60529:1992
- RoHS Compliant
- Neoprene Seal

### Typical Applications:

- Test & Measurement Instrumentation
- Medical Tools
- Transportation Equipment
- Industrial Controls
- Lighting Applications

### Available Dimensions (mm):

89 x 35 x 31*	114 x 64 x 31*
114 x 89 x 56*	114 x 65 x 56*
172 x 121 x 56*	172 x 121 x 107*
222 x 146 x 56*	222 x 146 x 107
275 x 175 x 66	140 x 102 x 77*
165 x 127 x 77	120 x 100 x 36*
250 x 250 x 100	80 x 55 x 26
60 x 55 x 31	*= Available with Flanges

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

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

**Spares:** Gasket and Screws.

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

**DELTRON** Enclosures

### DEM Manufacturing

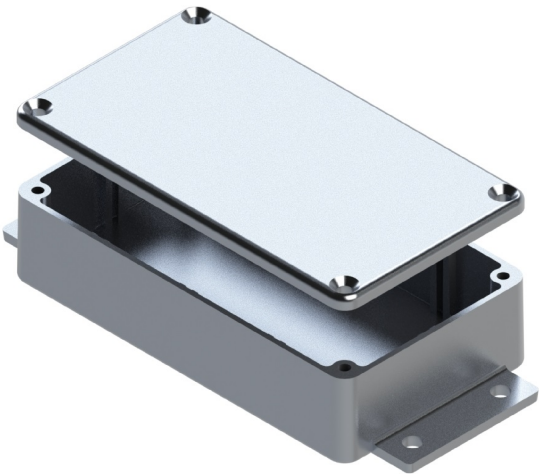
Deltron Emcon House,  
Hargreaves Way,  
Sawcliffe Industrial Park,  
Scunthorpe, DN15 8RF.

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

Tel: +44 (0)1724 273200

Email: [sales@dem-uk.com](mailto:sales@dem-uk.com)

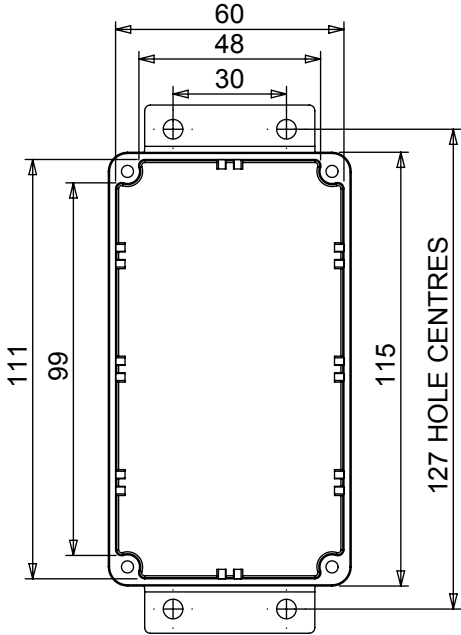
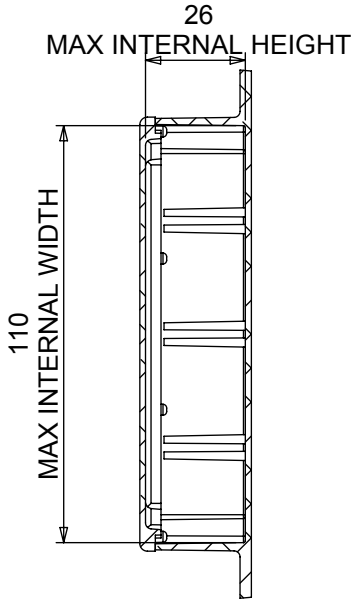
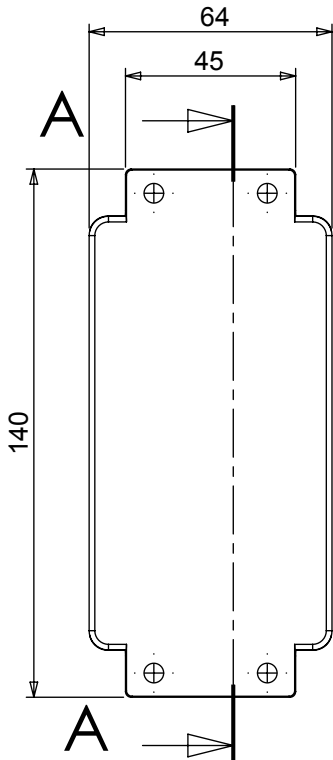
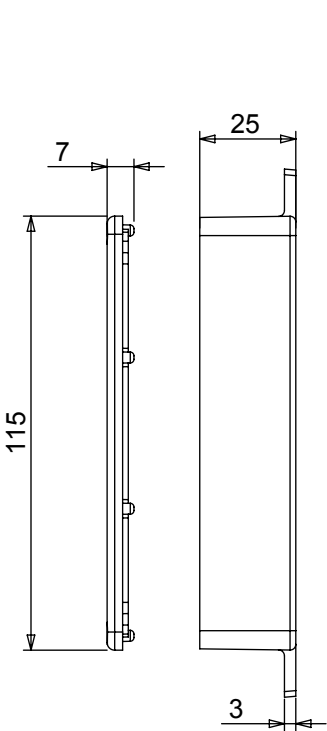
REV	DATE	ECN NUMBER	ECR COMMENT	3	4	5	6	7
004	06 Jun 2017	C03614						
003	26 May 2017	C03614	TORQUE SETTINGS ADDED					



FLG LENGTH	LENGTH	WIDTH	HEIGHT	SEAL	TORQUE SETTINGS	PLAIN	POWDER COAT	NYLON COAT
140	115	64	30	NONE	NONE	455-0020	457-0020*	458-0020*
				IP66	0.3Nm	456-0020	463-0020*	464-0020*
				IP68	0.7Nm	483-0020	484-0020*	485-0020*
				IP68 EMI/RFI	1.0Nm	483-C020	484-C020*	485-C020*
BOX DIMENSION IN MM				COLOUR OPTION - COLOUR SUFFIX * GREY=A / BLUE=B / BLACK = E				

### STANDARD DUTY ENCLOSURE

- Material grade ADC12/LM2 Die Cast Alloy
- IP Rated available
- Min wall thickness 1.5mm
- Min lid thickness 1.5mm
- Fine textured powder coating and smooth nylon
- Screws stainless steel
- IP68 Tested to 5 metres for 1 hour
- Includes internal PCB guides
- Enclosures can be supplied fully factory customised to your specification



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DEM Manufacturing, Deltron Emcon House, Hargreaves Way,  
Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK

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	Alex Yau	TITLE	FLANGED ENCLOSURE
EDITOR	DT	FILE	B FLG ENCLOSURE
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THIRD ANGLE PROJECTION	SHEET 1 OF 1	ISSUE/REV.	004
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