



HEAVY DUTY IP68 ALUMINIUM ENCLOSURES



BBOX IS A BRAND OF ENCLOSURES, MANUFACTURED BY DEMO CASTERS PRIVATE LIMITED





FEATURES & SPECIFICATIONS

A HEAVY DUTY IP66 & IP68, ALUMINIUM DIE CAST ENCLOSURE / JUNCTION BOX.
TECHNICAL SPECIFICATIONS, BUILD QUALITY & AESTHETICS, MUCH SUPERIOR AND
ADVANCED THAN OTHER STANDARD ALUMINIUM ENCLOSURES AVAILABLE WORLDWIDE.

MATERIAL : ALUMINIUM ALLOY

EN AC-ALSi12(Fe) – DIN 1706

This is a top quality / pure grade and highly
Corrosion Resistant alloy, used to
manufacture BBOX enclosures , thus
providing the Best Stability, Strength &
Longest Life Cycle to the enclosures.

INGRESS PROTECTION: IP66 & IP68 (EVEN AFTER IMPACT)

IP66 – Complete protection against Dust &
Continuous Powerful Water spray / jets.

IP68 – Complete protection against Dust &
Continuous Immersion or Submersion in
Water.

Tested & Certified in accordance with
IS/EN 60529:2001-DIN EN6059

IP66 & IP68 Compliant even after an
Impact ≤ 7 Joules

GASKET : NEOPRENE OR SILICON

The gaskets are one of its kind,
Compression Moulded, One Piece gaskets
in either Neoprene or Silicon Rubber
Compound.

NEOPRENE : -40°C to 130°C

SILICON : -60°C to 200°C

Special EMI / RFI resistant, Shielded

Gaskets are available on special request.

SURFACE FINISH & COATINGS :

NATURAL SUPER FINISHED ALUMINIUM
FINISH (UNCOATED) OR POWDER
COATED FINISHES ARE AVAILABLE.

POWDER COATING TYPE: Epoxy + Polyester
(Hybrid) type is Standard. Or Pure Polyester
type is available on special request.

FINISHES: Matt + Fine Texture is Standard
Or Plain, Structured, Glossy or Semi Glossy
available on special request.

COLOURS: Silver Grey (RAL 7001) and
Black (RAL 9005) are standard colours.
Red (RAL 3001), Grey (RAL 7032) or Any
RAL shade available on special request.

CMD / KTL / ECOAT coatings are also
available on special request (only in Black)

IMPACT & SHOCK RESISTANCE : UPTO 7 JOULES

Tested and Certified in accordance with / as
per IS/IEC 60079-0:2007 EN 60079

Without impairment of Ingress Protection

IP66 or IP68 even after impact or shock
upto 7 Joules



CORROSION RESISTANCE

SALT SPRAY / MIST > 1000 HOURS
(STANDARD GUARANTEE)

TESTED SUCCESSFULLY FOR
SALT SPRAY > 3000 HOURS

Tested and Certified in accordance with / as
per ASTM B117 equivalent to IS 9000 Part XI
Due to the excellent Corrosion resistant
Aluminium Alloy and the specially
developed Powder Coating technology,
BBOX is probably the Most Corrosion
Resistant aluminium enclosure that you will
ever find anywhere.

SCREWS AND FASTNERS

STAINLESS STEEL SS304 / A2

Captive Lid Mounting Screws : Stainless
Steel with Pan Combi / Cheese / Torx head.
Earth Screws : Copper Coated Steel Screws
with Integral inbuilt spring washer.

WALL AND EQUIPMENT MOUNTING

INVISIBLE FITTING

Easy Wall or Equipment Invisible Mounting
through Inner mounting holes provided OR
External Mounting Via Stainless Steel
External Mounting Kit which is available on
special request.



ENVIRONMENTALLY SAFE AND COMPLIANT :

RoHS & REACH COMPLIANT

Aluminium being 100% recyclable , is the
Best and environmentally safest material to
use. BBOX is RoHS and REACH compliant.

RoHS : Tested & Compliant as per
COMMISSION REGULATION (EU)
NO.65/2011

REACH : Tested & Compliant as per
Candidate List Promulgated by ECHA,
Article 57 of EC 1907/2006

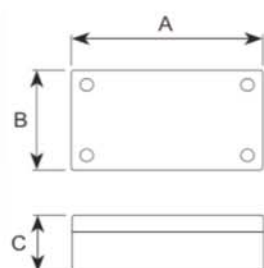
APPLICATION AREAS

OUTDOOR AND/OR INDOOR USAGE

STANDARD UNIT / ENCLOSURE INCLUDES :

Lid + Base + Gasket + Mounting Screws +
Earth Screws

A X B X C mm	BBOX PART NUMBER			
DIMENSIONS / SIZE	GENERAL PART NUMBER	NATURAL FINISH UNCOATED	RAL 7001 SILVER GREY	RAL 9005 BLACK
45 x 50 x 30	BB 01	BB 01 - 0000	BB 01 - 7001	BB 01 - 9005
64 x 58 x 34	BB 02	BB 02 - 0000	BB 02 - 7001	BB 02 - 9005
98 x 64 x 34	BB 03	BB 03 - 0000	BB 03 - 7001	BB 03 - 9005
75 x 80 x 57	BB 04	BB 04 - 0000	BB 04 - 7001	BB 04 - 9005
125 x 80 x 57	BB 05	BB 05 - 0000	BB 05 - 7001	BB 05 - 9005
175 x 80 x 57	BB 06	BB 06 - 0000	BB 06 - 7001	BB 06 - 9005
250 x 80 x 57	BB 07	BB 07 - 0000	BB 07 - 7001	BB 07 - 9005
100 x 100 x 81	BB 08	BB 08 - 0000	BB 08 - 7001	BB 08 - 9005
120 x 122 x 81	BB 09	BB 09 - 0000	BB 09 - 7001	BB 09 - 9005
120 x 122 x 91	BB 10	BB 10 - 0000	BB 10 - 7001	BB 10 - 9005
140 x 140 x 91	BB 11	BB 11 - 0000	BB 11 - 7001	BB 11 - 9005
160 x 160 x 91	BB 12	BB 12 - 0000	BB 12 - 7001	BB 12 - 9005
180 x 180 x 101	BB 13	BB 13 - 0000	BB 13 - 7001	BB 13 - 9005
220 x 120 x 81	BB 15	BB 15 - 0000	BB 15 - 7001	BB 15 - 9005
220 x 120 x 91	BB 16	BB 16 - 0000	BB 16 - 7001	BB 16 - 9005
260 x 160 x 91	BB 17	BB 17 - 0000	BB 17 - 7001	BB 17 - 9005
400 x 230 x 180	BB 19	BB 19 - 0000	BB 19 - 7001	BB 19 - 9005



Continuously growing range of sizes

ORDERING INFORMATION – EXAMPLE

Model / size – finish/colour - gasket type (NEOPRENE = NEG , SILICON = SIG)

EXAMPLE

BB 11 –7001 – SIG =140 x 140 x 91 size, in Silver grey Ral 7001 , with Silicon Gasket.

ACCESSORIES : AVAILABLE ON SPECIAL REQUEST

MOUNTING PLATES – Galvanized Steel to mount internal components without affecting Ingress Protection

EXTERNAL HINGES – Set of 2 with gaskets and fixing screws, for ease of opening and closing Lids regularly.

DIN RAILS – Plated Steel, for internal component mounting. Available in TS15 & TS35 types.

WALL MOUNT BRACKETS – EXTERNAL

– External wall mounting bracket kit in Stainless Steel available.

For Details, drawings and ordering information/part numbers, for Accessories, please refer our website.



CUSTOMIZATION AND MACHINING

Custom drilling, milling, tapping , square or odd shaped cut outs can be made as per customer drawing and requirements. Thus making the enclosure / junction box "READY TO FIT / ASSEMBLE " for you.

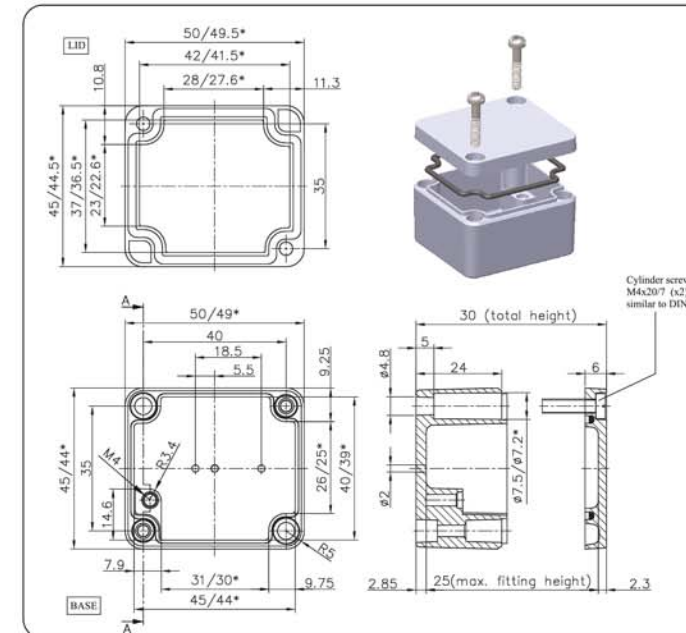
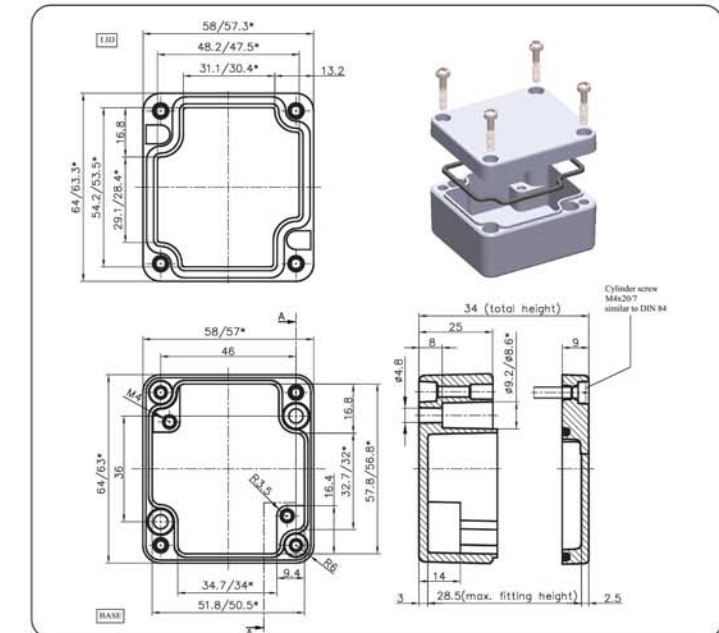
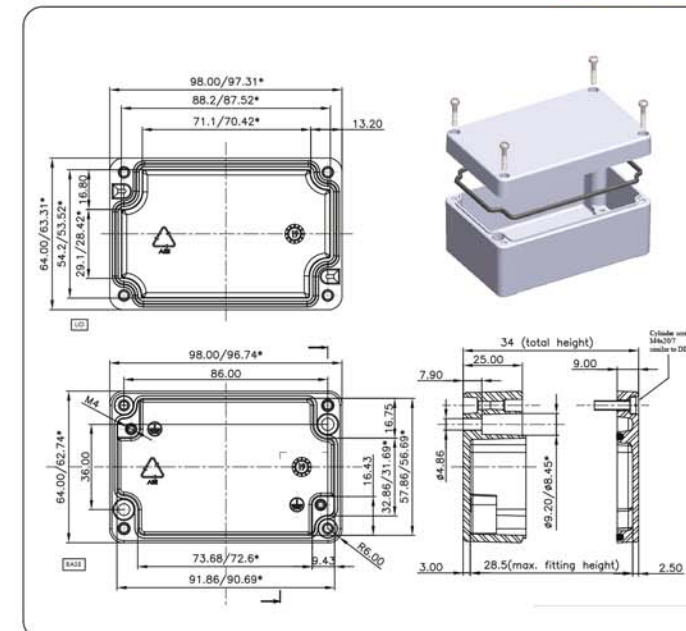
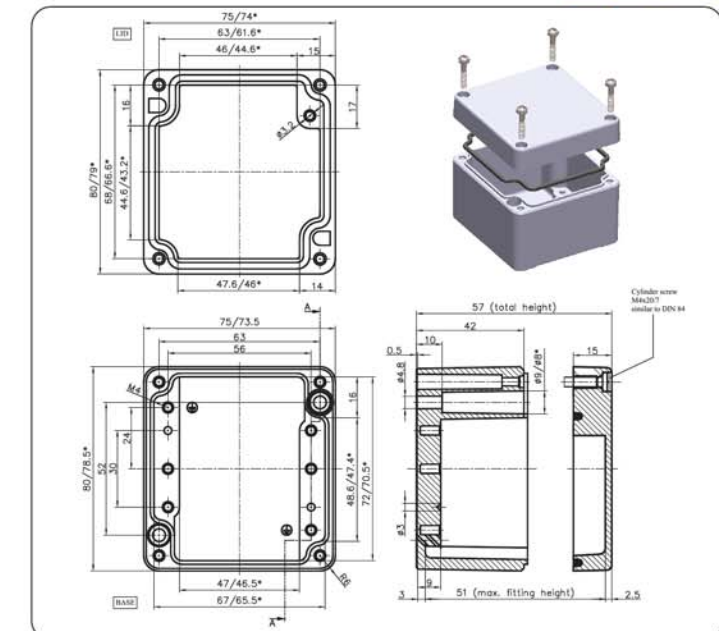
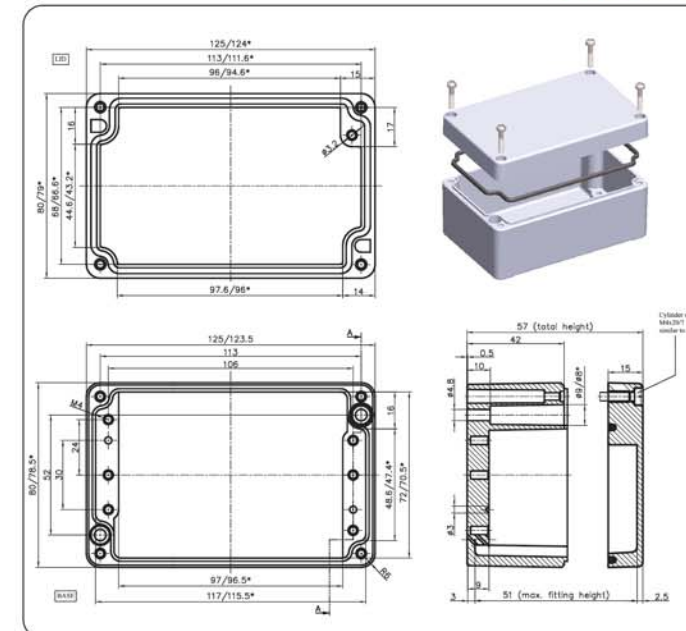
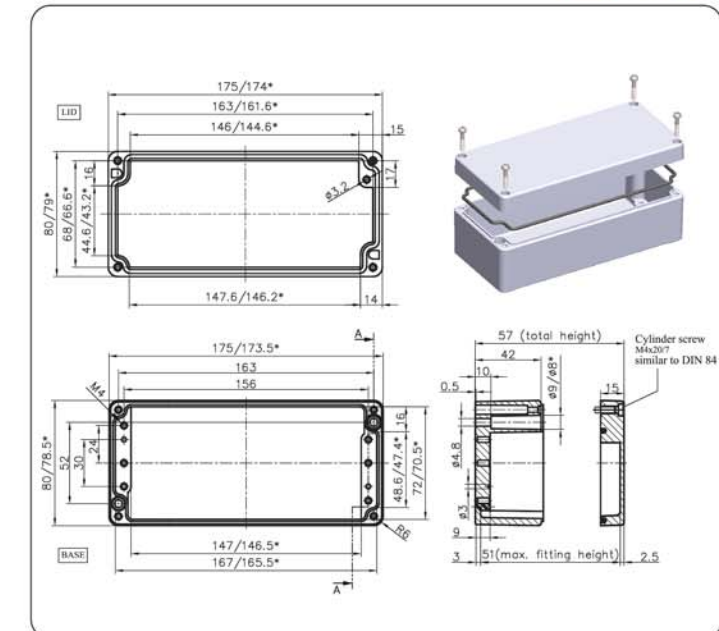
Pad, Screen or Silk Printing , of your logo or brand is possible.

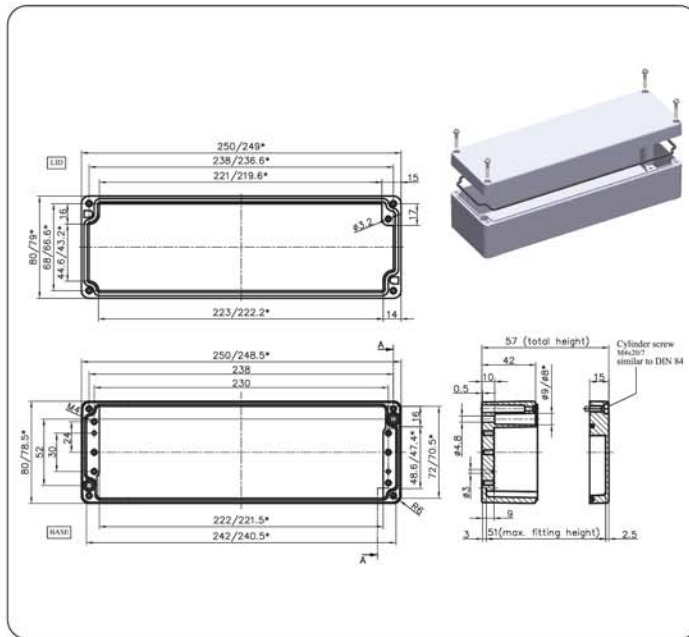
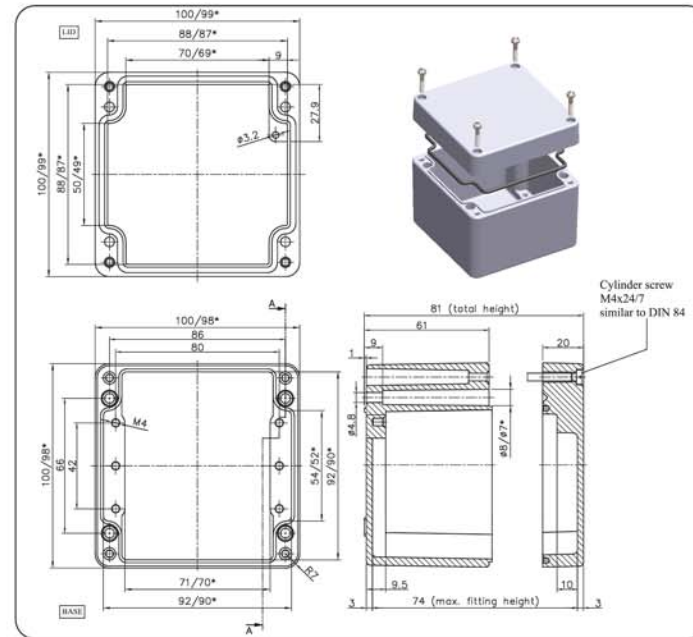
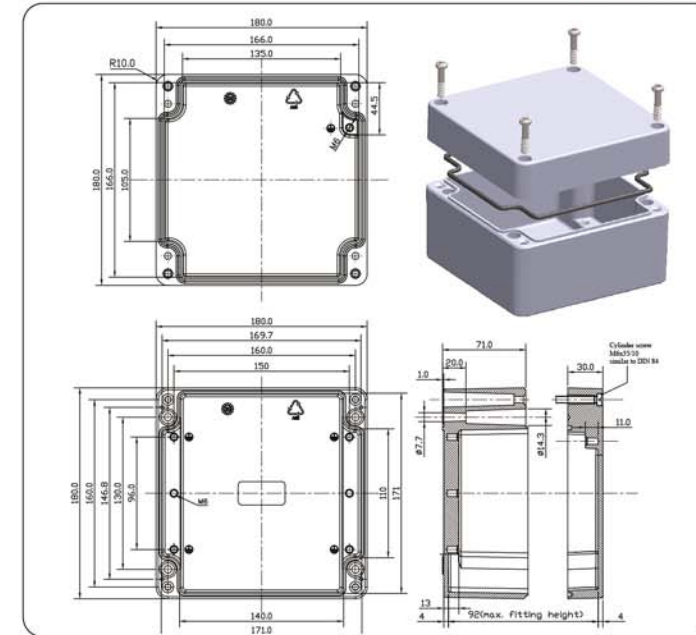
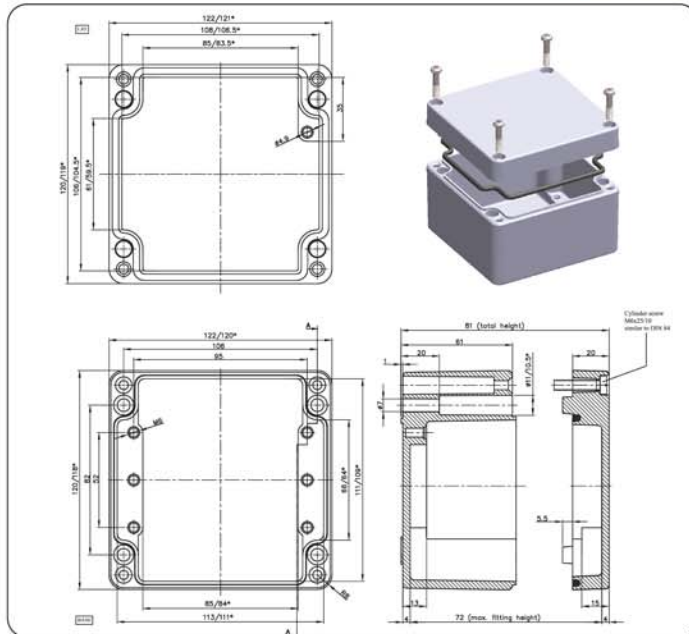
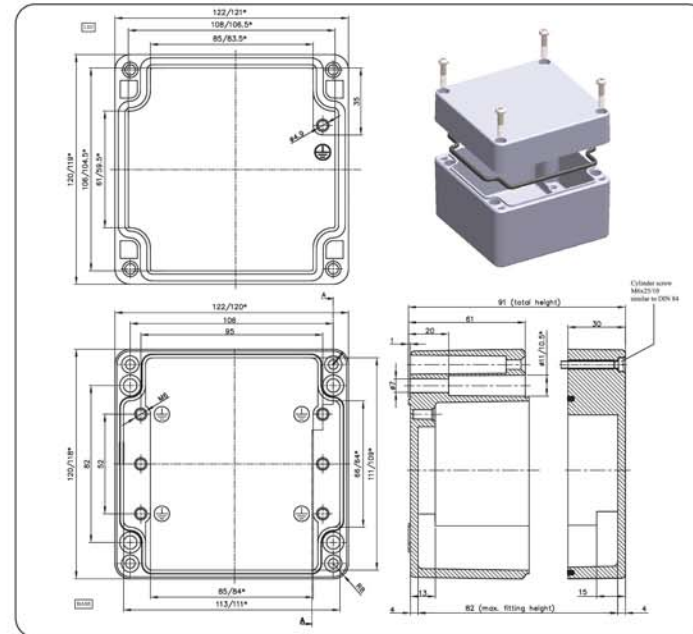
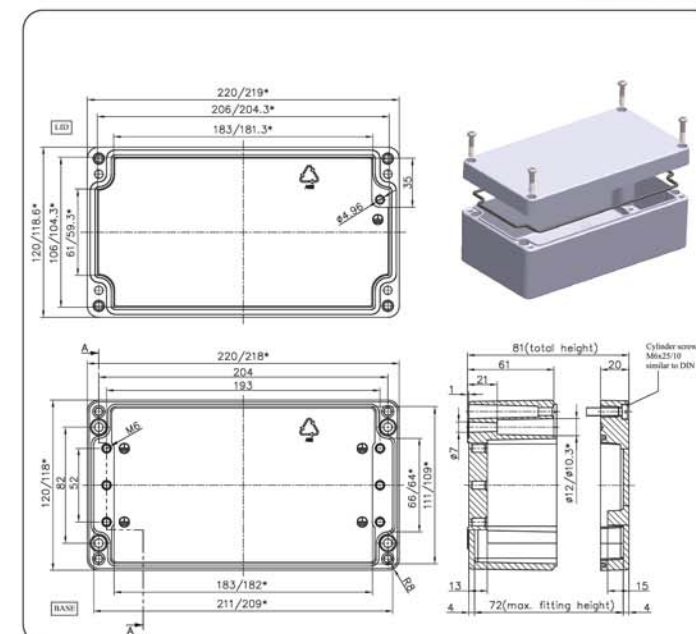
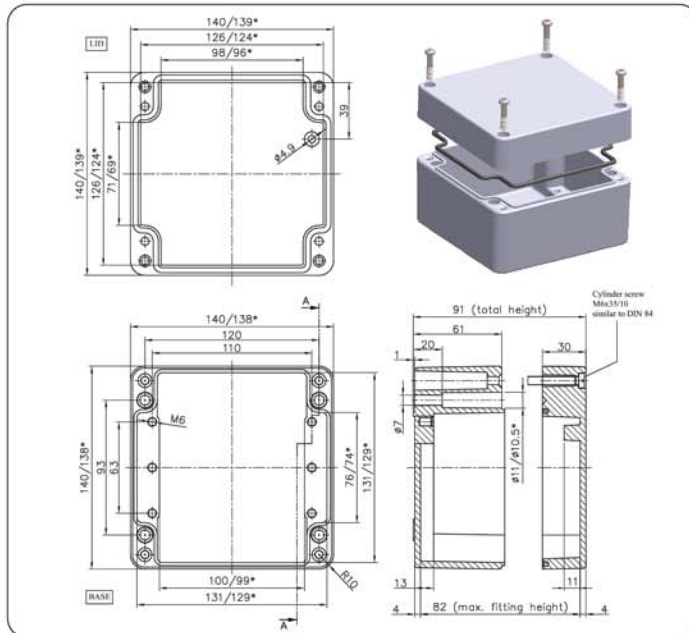
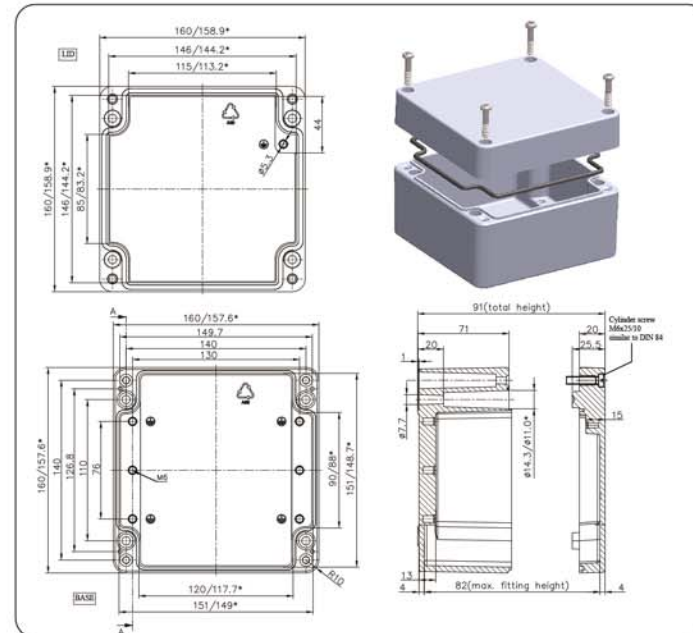
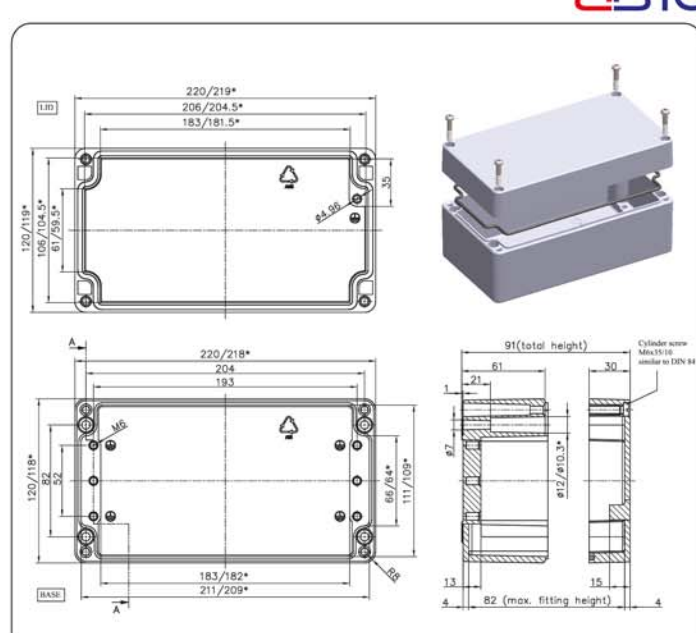




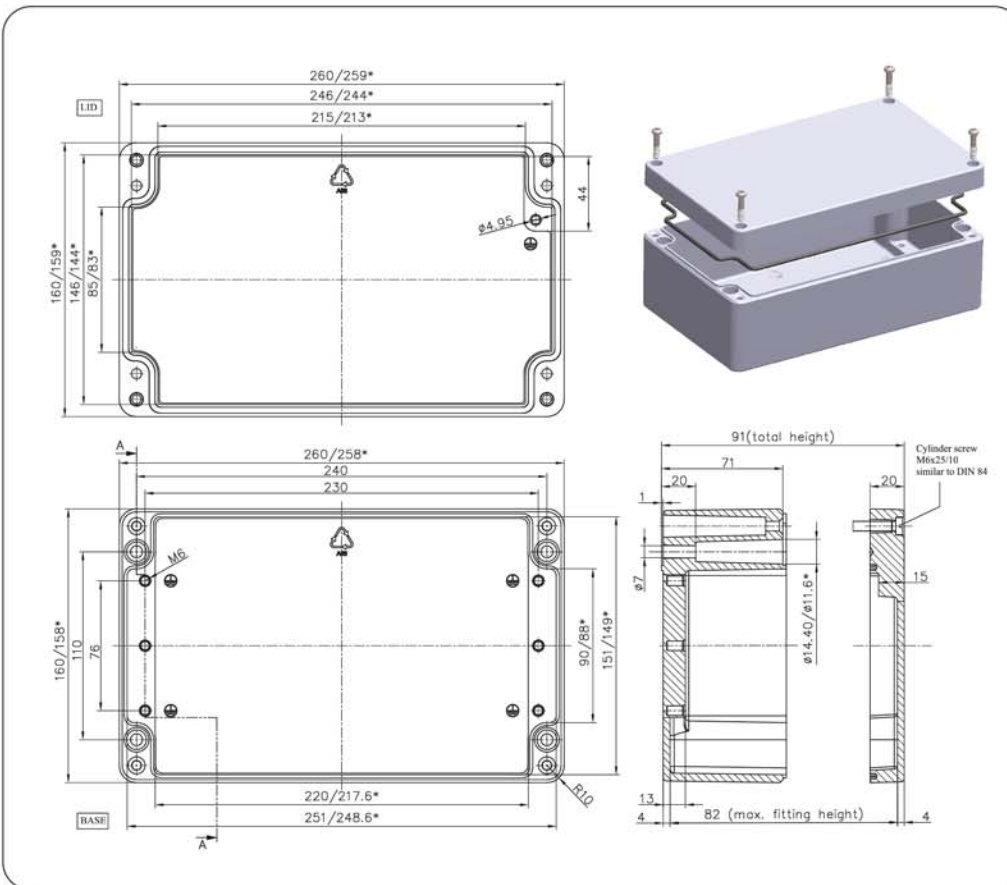
BBOX also has a standard range of CONTROL BOXES,
for mounting switches and various other controls.
Apart from the list below, any combination of Enclosure Model
can be machined in various configurations for you to use as Control boxes / Stations.

A X B X C mm		BBOX CONTROL BOXES - PART NUMBER	
DIMENSIONS / SIZE	CONTROL BOX PART NUMBER	FINISH / COLOUR	DESCRIPTION
75 x 80 x 57	BB ES 101	YELLOW LID & BLACK BASE	1 SWITCH/CONTROL HOLE IN LID (Ø 22.5 mm) 1 CABLE/GLAND ENTRY HOLE IN BASE (M16) EXAMPLE - EMERGENCY STOP SWITCH BOX
75 x 80 x 57	BB CB 101	SILVER GREY RAL 7001	1 SWITCH/CONTROL HOLE IN LID (Ø 22.5 mm) 1 CABLE/GLAND ENTRY HOLE IN BASE (M16)
125 x 80 x 57	BB CB 102	SILVER GREY RAL 7001	2 SWITCH/CONTROL HOLES IN LID (Ø 22.5 mm) 1 CABLE/GLAND ENTRY HOLE IN BASE (M16)
175 x 80 x 57	BB CB 103	SILVER GREY RAL 7001	3 SWITCH/CONTROL HOLES IN LID (Ø 22.5 mm) 1 CABLE/GLAND ENTRY HOLE IN BASE (M20)
250 x 80 x 57	BB CB 104	SILVER GREY RAL 7001	4 SWITCH/CONTROL HOLES IN LID (Ø 22.5 mm) 1 CABLE/GLAND ENTRY HOLE IN BASE (M20)

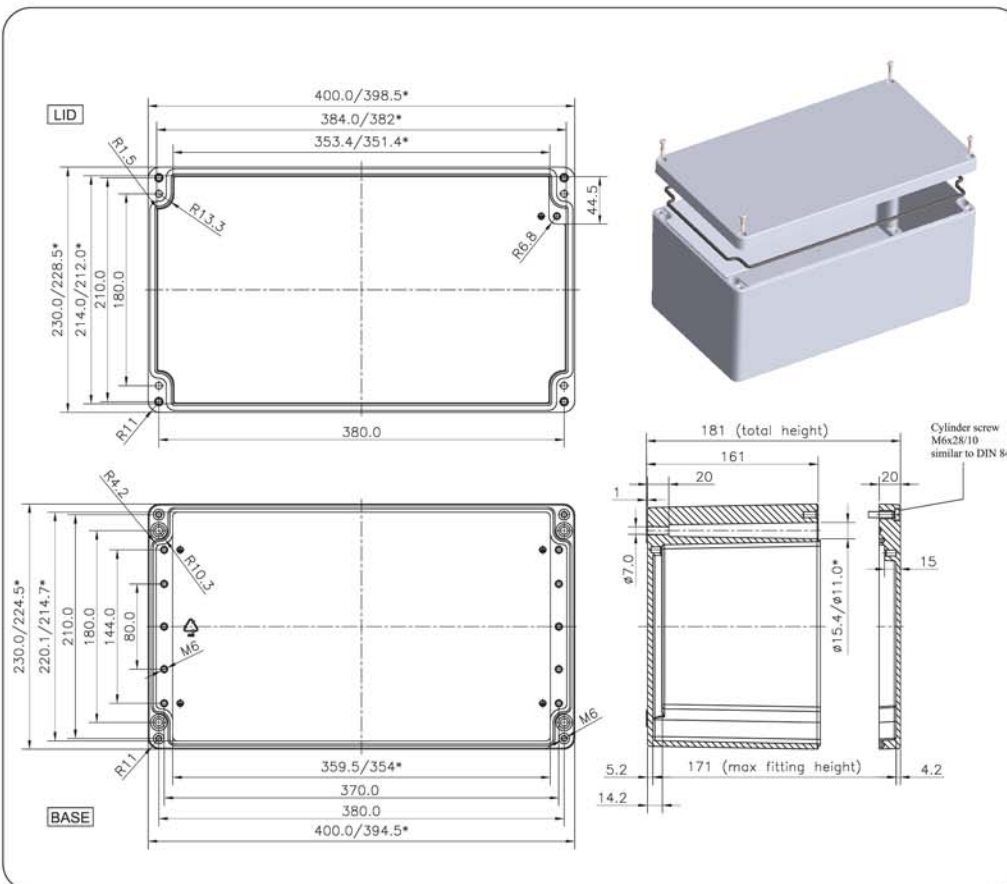
**BBO1****BBO2****BBO3****BBO4****BBO5****BBO6**

EB07**EB08****EB13****EB09****EB10****EB15****EB11****EB12****EB16**

EB17



EB19



LOCATIONS



HEAD OFFICE AND MANUFACTURING FACILITY

INDIA

DEMO CASTERS PRIVATE LIMITED
D10, Ansa Industrial Estate,
Andheri East, Mumbai 400072,
India.
Mr. Vinay Bijlani
Managing Director
Mobile : +91 9820012796
director@democasters.com

NORTH AMERICA

ELECTRONEX INC
2906 Hancock Dr
Frisco, TX 75033
Texas, USA.
Mr. John Evans
sales@electronexinc.com
Tel : +1 561 287 1930
Mr. Kaizad R Dadyburjor
kaiz.d@electronexinc.com
Tel : +91 9820619811

AUSTRALIA



GROVE COMMUNICATION
SUPPLIES PTY LTD
8 Port Kembla Drive
Bibra Lake, WA, 6163
Tel : +61 407175296
Mr. Paul Rankin
Managing director
paul@grovecoms.net.au

EUROPE



EFA GmbH
Mollwitzstrasse 2
14059 Berlin, Germany.
Tel: +49 30 3011187
Mobile: +49 1752185521
Mr. Maximilian von Puttkamer
Managing Director
Email : max@efa-berlin.com

EFA France SAS
3 rue Claude Chappe -
ZA la Haute Limougere
37230 Fondettes - France
Mobile: +33 630163014
Mr. Benoit Beaumont
Managing Director
b.beaumont@efa-france.com





BBOX IS A BRAND OF ENCLOSURES, MANUFACTURED BY DEMO CASTERS PRIVATE LIMITED

Address: Demo Casters Private Limited, D10, Ansa Industrial Estate,
Saki Vihar Road, Andheri East, Mumbai 400072, India.

Email: bbox@bboxenclosures.com, enquiry@bboxenclosures.com

Tel: +91-22-28470038, +91-9820012796, +91-9820225311

Also on   as BBOX

A dynamic, high-speed photograph of a water splash, creating a large, curved, shell-like shape that frames the bottom half of the page. The water is a deep blue color with white highlights from the sun.

www.bboxenclosures.com