

AU series

NEXT GENERATION Aluminium Case

The perfect unity of flexibility, versatility, and appearance!



8 Distinct Models for Different Applications

Standard Model AU series

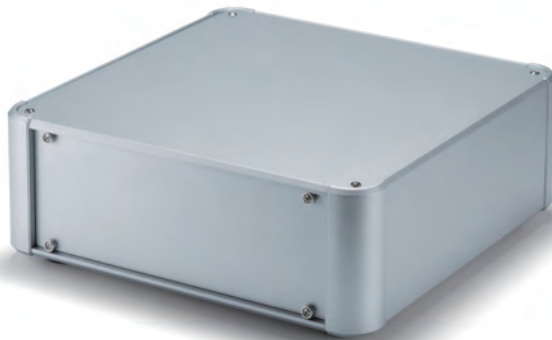
Standard model with front/rear sheet aluminium panels.



See page 243 ~ 248

Detachable Panel Model AUP series

Easy maintenance with detachable front/rear panels.
An EMC shielded AUPE series is also available.



See page 249 ~ 254

Control Box Model AUX series

Structure of extruded aluminium frames on 4 sides.

Suitable for control box use.

EMC shielded AUXE series is also available.



See page 261 ~ 266

Corner Guard Model AUG series

TPE Corner guard model.

An EMC shielded AUG series and a carrying handle equipped portable AUGH series are also available.



See page 275 ~ 280

Providing versatile and flexible enclosing solutions

The aluminium case AU series has an assembly-type structure which allows it to be easily customizable. Both versatile and flexible, it is designed to be used as various devices from the classic audio amplifiers to next-gen IoT devices.

Select from a huge line-up of 430 different sizes based on your application type and ideas.

Measuring Equipment



Command Panel



Fiber Optic Transmitter



Industrial Embedded PC



Audio Amplifier



Power Supply

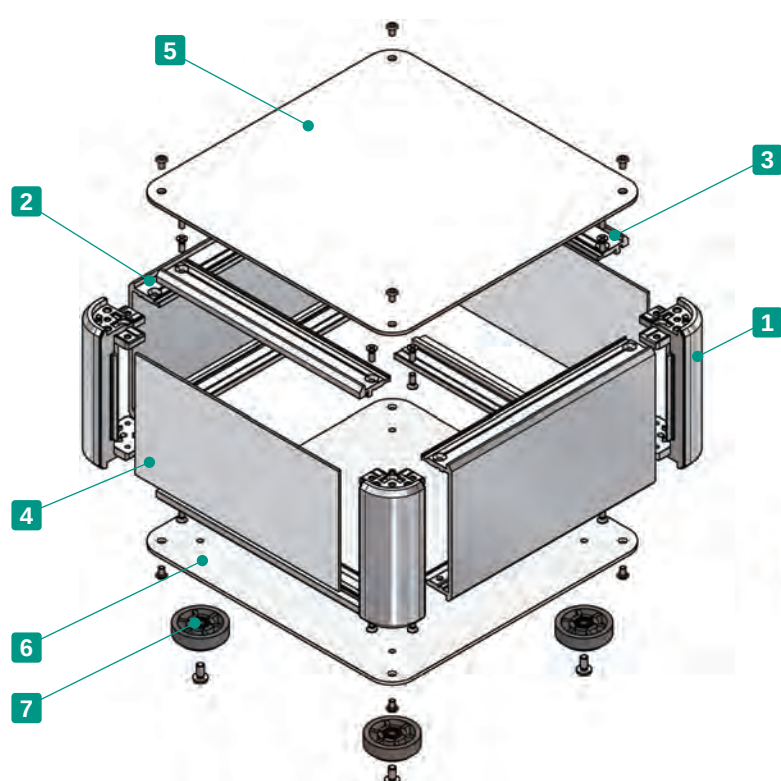


Tube amplifier





- Elegantly designed aluminium enclosure with front/rear panels.
- A large selection of 430 different sizes to choose from.
- Top/bottom covers and front/rear panels are made from easily customizable sheet aluminium material.
- Versatile aluminium enclosure suitable for use as measuring instrument, controller, industrial embedded computer, power supply, audio amplifier, and more.
- Feet is selectable from adhesive rubber and aluminium types.

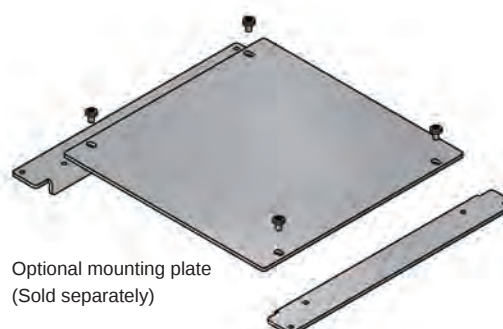


Included screws

- Top / Bottom cover
M3-5 original trapezoid head (plus / hex) &
Nickel plated / Black trivalent chromate x 8~16 pcs
- Frame / Panel support frame
M3-8 flat head & Nickel plated x 16 pcs
- Rubber feet / Aluminium feet
M4-8 blind head & Black trivalent chromate x 4 pcs

Recommended torque : $0.3 \sim 0.6 \text{ N} \cdot \text{m}$

* Recommended torque listed is for reference only; actual may differ.
Assemble after testing torque.



Optional mounting plate
(Sold separately)

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Panel support frame	4	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Panel	2	Aluminium A1100P	Silver • Black / Anodized
5	Top cover	1	Aluminium A1100P	Silver • Black / Anodized
6	Bottom cover	1	Aluminium A1100P	Silver • Black / Anodized
7	Rubber feet : Aluminium feet	4	TPE (Elastomer) : Aluminium	Black : Silver • Black / Anodized

To select Feet, Screw, and Color, follow steps **1** ~ **3** to determine product number.

1 Feet

*Color of "Aluminium Feet" will be the same as bottom cover color.

2 Screw

*Color of screw will be the same as top • bottom cover color.

R Rubber (Black)



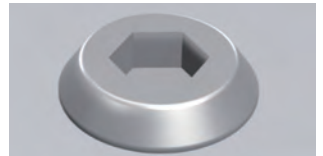
A Aluminium (Silver / Anodized) (Black / Anodized)



P Plus (Silver / Nickel plated) (Black / Black trivalent chromate)



H Hex (Silver / Nickel plated) (Black / Black trivalent chromate)



Hex wrench included.

3 Color

Please choose from the color combinations listed below.

S S



S B



B S



B B



Product Number

To determine a product number, fill H-W-D dimensions and select Feet, Screw, and Color code in the following blank boxes.

AU

- -

H-W-D dimensions

-

1 Feet **2** Screw

3 Color

See page 245~248 for dimensions and product no.

R or A

P or H

SS • SB • BS • BB

Numbering example :

If looking at "H88 x W300 x D200mm, Feet type A, Screw type H, Color type BS"

➔ **AU 88-30-20 AH-BS**

Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294



Corner guard AUCG series
See page 294

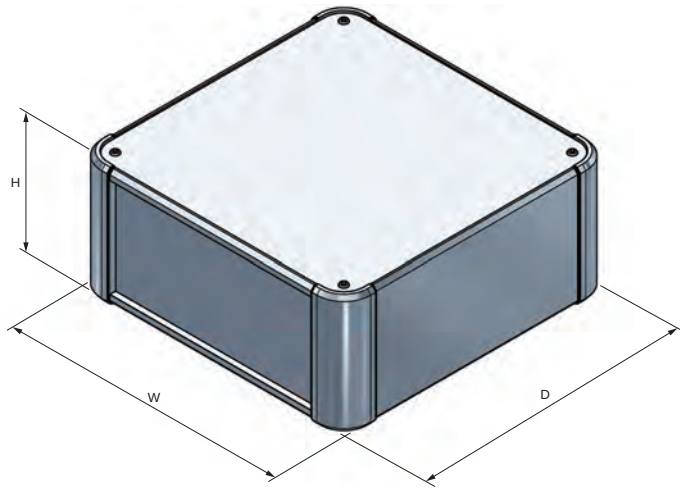


Elastomer carrying handle FM200
See website



Tilt leg TLW series
See page 239

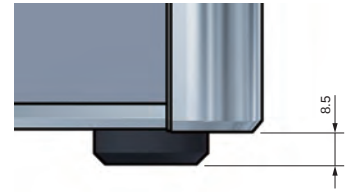
AU dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

■ Feet is selectable from rubber and aluminium types.
※Rubber and aluminium feet height are different.

Rubber Feet



Aluminium Feet



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AU 44-16-16□□-□□	44	160	160	0.7
AU 44-16-20□□-□□	44	160	200	0.8
AU 44-16-25□□-□□	44	160	250	1.0
AU 44-16-30□□-□□	44	160	300	1.1
AU 44-16-36□□-□□	44	160	360	1.3
AU 44-16-43□□-□□	44	160	430	1.5
AU 44-20-16□□-□□	44	200	160	0.8
AU 44-20-20□□-□□	44	200	200	0.9
AU 44-20-25□□-□□	44	200	250	1.1
AU 44-20-30□□-□□	44	200	300	1.3
AU 44-20-36□□-□□	44	200	360	1.5
AU 44-20-43□□-□□	44	200	430	1.7
AU 44-25-16□□-□□	44	250	160	1.0
AU 44-25-20□□-□□	44	250	200	1.1
AU 44-25-25□□-□□	44	250	250	1.3
AU 44-25-30□□-□□	44	250	300	1.5
AU 44-25-36□□-□□	44	250	360	1.7
AU 44-25-43□□-□□	44	250	430	2.0
AU 44-30-16□□-□□	44	300	160	1.1
AU 44-30-20□□-□□	44	300	200	1.3
AU 44-30-25□□-□□	44	300	250	1.5
AU 44-30-30□□-□□	44	300	300	1.7
AU 44-30-36□□-□□	44	300	360	2.0
AU 44-30-43□□-□□	44	300	430	2.3
AU 44-30-50□□-□□	44	300	500	2.6
AU 44-36-16□□-□□	44	360	160	1.3
AU 44-36-20□□-□□	44	360	200	1.5
AU 44-36-25□□-□□	44	360	250	1.7
AU 44-36-30□□-□□	44	360	300	2.0
AU 44-36-36□□-□□	44	360	360	2.2
AU 44-36-43□□-□□	44	360	430	2.6
AU 44-36-50□□-□□	44	360	500	3.0
AU 44-43-16□□-□□	44	430	160	1.5
AU 44-43-20□□-□□	44	430	200	1.7
AU 44-43-25□□-□□	44	430	250	2.0
AU 44-43-30□□-□□	44	430	300	2.3
AU 44-43-36□□-□□	44	430	360	2.6
AU 44-43-43□□-□□	44	430	430	3.0
AU 44-43-50□□-□□	44	430	500	3.4
AU 44-50-30□□-□□	44	500	300	2.6
AU 44-50-36□□-□□	44	500	360	3.0
AU 44-50-43□□-□□	44	500	430	3.4
AU 44-50-50□□-□□	44	500	500	3.9

Product no.	H	W	D	Weight (kg)
AU 66-16-16□□-□□	66	160	160	0.9
AU 66-16-20□□-□□	66	160	200	1.0
AU 66-16-25□□-□□	66	160	250	1.2
AU 66-16-30□□-□□	66	160	300	1.3
AU 66-16-36□□-□□	66	160	360	1.5
AU 66-16-43□□-□□	66	160	430	1.7
AU 66-20-16□□-□□	66	200	160	1.0
AU 66-20-20□□-□□	66	200	200	1.1
AU 66-20-25□□-□□	66	200	250	1.3
AU 66-20-30□□-□□	66	200	300	1.5
AU 66-20-36□□-□□	66	200	360	1.7
AU 66-20-43□□-□□	66	200	430	2.0
AU 66-25-16□□-□□	66	250	160	1.1
AU 66-25-20□□-□□	66	250	200	1.3
AU 66-25-25□□-□□	66	250	250	1.5
AU 66-25-30□□-□□	66	250	300	1.7
AU 66-25-36□□-□□	66	250	360	2.0
AU 66-25-43□□-□□	66	250	430	2.3
AU 66-30-16□□-□□	66	300	160	1.3
AU 66-30-20□□-□□	66	300	200	1.5
AU 66-30-25□□-□□	66	300	250	1.7
AU 66-30-30□□-□□	66	300	300	1.9
AU 66-30-36□□-□□	66	300	360	2.2
AU 66-30-43□□-□□	66	300	430	2.6
AU 66-30-50□□-□□	66	300	500	2.9
AU 66-36-16□□-□□	66	360	160	1.5
AU 66-36-20□□-□□	66	360	200	1.7
AU 66-36-25□□-□□	66	360	250	1.9
AU 66-36-30□□-□□	66	360	300	2.2
AU 66-36-36□□-□□	66	360	360	2.5
AU 66-36-43□□-□□	66	360	430	2.9
AU 66-36-50□□-□□	66	360	500	3.3
AU 66-43-16□□-□□	66	430	160	1.7
AU 66-43-20□□-□□	66	430	200	1.9
AU 66-43-25□□-□□	66	430	250	2.2
AU 66-43-30□□-□□	66	430	300	2.5
AU 66-43-36□□-□□	66	430	360	2.9
AU 66-43-43□□-□□	66	430	430	3.3
AU 66-43-50□□-□□	66	430	500	3.7
AU 66-50-30□□-□□	66	500	300	2.8
AU 66-50-36□□-□□	66	500	360	3.3
AU 66-50-43□□-□□	66	500	430	3.7
AU 66-50-50□□-□□	66	500	500	4.2

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AU 88-16-16□□-□□	88	160	160	0.9
AU 88-16-20□□-□□	88	160	200	1.1
AU 88-16-25□□-□□	88	160	250	1.3
AU 88-16-30□□-□□	88	160	300	1.4
AU 88-16-36□□-□□	88	160	360	1.7
AU 88-16-43□□-□□	88	160	430	1.9
AU 88-20-16□□-□□	88	200	160	1.1
AU 88-20-20□□-□□	88	200	200	1.2
AU 88-20-25□□-□□	88	200	250	1.4
AU 88-20-30□□-□□	88	200	300	1.6
AU 88-20-36□□-□□	88	200	360	1.8
AU 88-20-43□□-□□	88	200	430	2.1
AU 88-25-16□□-□□	88	250	160	1.2
AU 88-25-20□□-□□	88	250	200	1.4
AU 88-25-25□□-□□	88	250	250	1.6
AU 88-25-30□□-□□	88	250	300	1.8
AU 88-25-36□□-□□	88	250	360	2.1
AU 88-25-43□□-□□	88	250	430	2.4
AU 88-30-16□□-□□	88	300	160	1.4
AU 88-30-20□□-□□	88	300	200	1.6
AU 88-30-25□□-□□	88	300	250	1.8
AU 88-30-30□□-□□	88	300	300	2.1
AU 88-30-36□□-□□	88	300	360	2.4
AU 88-30-43□□-□□	88	300	430	2.7
AU 88-30-50□□-□□	88	300	500	3.1
AU 88-36-16□□-□□	88	360	160	1.6
AU 88-36-20□□-□□	88	360	200	1.8
AU 88-36-25□□-□□	88	360	250	2.1
AU 88-36-30□□-□□	88	360	300	2.3
AU 88-36-36□□-□□	88	360	360	2.7
AU 88-36-43□□-□□	88	360	430	3.1
AU 88-36-50□□-□□	88	360	500	3.5
AU 88-43-16□□-□□	88	430	160	1.8
AU 88-43-20□□-□□	88	430	200	2.1
AU 88-43-25□□-□□	88	430	250	2.4
AU 88-43-30□□-□□	88	430	300	2.7
AU 88-43-36□□-□□	88	430	360	3.1
AU 88-43-43□□-□□	88	430	430	3.5
AU 88-43-50□□-□□	88	430	500	4.0
AU 88-50-30□□-□□	88	500	300	3.0
AU 88-50-36□□-□□	88	500	360	3.4
AU 88-50-43□□-□□	88	500	430	3.9
AU 88-50-50□□-□□	88	500	500	4.4
NEW AU 99-16-16□□-□□	99	160	160	1.0
NEW AU 99-16-20□□-□□	99	160	200	1.1
NEW AU 99-16-25□□-□□	99	160	250	1.3
NEW AU 99-16-30□□-□□	99	160	300	1.4
NEW AU 99-16-36□□-□□	99	160	360	1.7
NEW AU 99-16-43□□-□□	99	160	430	1.9
NEW AU 99-20-16□□-□□	99	200	160	1.1
NEW AU 99-20-20□□-□□	99	200	200	1.2
NEW AU 99-20-25□□-□□	99	200	250	1.4
NEW AU 99-20-30□□-□□	99	200	300	1.6
NEW AU 99-20-36□□-□□	99	200	360	1.9
NEW AU 99-20-43□□-□□	99	200	430	2.2
NEW AU 99-25-16□□-□□	99	250	160	1.2
NEW AU 99-25-20□□-□□	99	250	200	1.4
NEW AU 99-25-25□□-□□	99	250	250	1.6
NEW AU 99-25-30□□-□□	99	250	300	1.9
NEW AU 99-25-36□□-□□	99	250	360	2.1
NEW AU 99-25-43□□-□□	99	250	430	2.5
NEW AU 99-30-16□□-□□	99	300	160	1.4
NEW AU 99-30-20□□-□□	99	300	200	1.6
NEW AU 99-30-25□□-□□	99	300	250	1.9
NEW AU 99-30-30□□-□□	99	300	300	2.1

Product no.	H	W	D	Weight (kg)
NEW AU 99-30-36□□-□□	99	300	360	2.4
NEW AU 99-30-43□□-□□	99	300	430	2.8
NEW AU 99-30-50□□-□□	99	300	500	3.1
NEW AU 99-36-16□□-□□	99	360	160	1.6
NEW AU 99-36-20□□-□□	99	360	200	1.8
NEW AU 99-36-25□□-□□	99	360	250	2.1
NEW AU 99-36-30□□-□□	99	360	300	2.4
NEW AU 99-36-36□□-□□	99	360	360	2.7
NEW AU 99-36-43□□-□□	99	360	430	3.2
NEW AU 99-36-50□□-□□	99	360	500	3.6
NEW AU 99-43-16□□-□□	99	430	160	1.8
NEW AU 99-43-20□□-□□	99	430	200	2.1
NEW AU 99-43-25□□-□□	99	430	250	2.4
NEW AU 99-43-30□□-□□	99	430	300	2.7
NEW AU 99-43-36□□-□□	99	430	360	3.1
NEW AU 99-43-43□□-□□	99	430	430	3.6
NEW AU 99-43-50□□-□□	99	430	500	4.0
NEW AU 99-50-30□□-□□	99	500	300	3.1
NEW AU 99-50-36□□-□□	99	500	360	3.5
NEW AU 99-50-43□□-□□	99	500	430	4.0
NEW AU 99-50-50□□-□□	99	500	500	4.5
NEW AU115-16-16□□-□□	115	160	160	1.0
NEW AU115-16-20□□-□□	115	160	200	1.2
NEW AU115-16-25□□-□□	115	160	250	1.4
NEW AU115-16-30□□-□□	115	160	300	1.5
NEW AU115-16-36□□-□□	115	160	360	1.8
NEW AU115-16-43□□-□□	115	160	430	2.1
NEW AU115-20-16□□-□□	115	200	160	1.2
NEW AU115-20-20□□-□□	115	200	200	1.3
NEW AU115-20-25□□-□□	115	200	250	1.5
NEW AU115-20-30□□-□□	115	200	300	1.7
NEW AU115-20-36□□-□□	115	200	360	2.0
NEW AU115-20-43□□-□□	115	200	430	2.3
NEW AU115-25-16□□-□□	115	250	160	1.3
NEW AU115-25-20□□-□□	115	250	200	1.5
NEW AU115-25-25□□-□□	115	250	250	1.7
NEW AU115-25-30□□-□□	115	250	300	2.0
NEW AU115-25-36□□-□□	115	250	360	2.3
NEW AU115-25-43□□-□□	115	250	430	2.6
NEW AU115-30-16□□-□□	115	300	160	1.5
NEW AU115-30-20□□-□□	115	300	200	1.7
NEW AU115-30-25□□-□□	115	300	250	2.0
NEW AU115-30-30□□-□□	115	300	300	2.2
NEW AU115-30-36□□-□□	115	300	360	2.5
NEW AU115-30-43□□-□□	115	300	430	2.9
NEW AU115-30-50□□-□□	115	300	500	3.3
NEW AU115-36-16□□-□□	115	360	160	1.7
NEW AU115-36-20□□-□□	115	360	200	1.9
NEW AU115-36-25□□-□□	115	360	250	2.2
NEW AU115-36-30□□-□□	115	360	300	2.5
NEW AU115-36-36□□-□□	115	360	360	2.9
NEW AU115-36-43□□-□□	115	360	430	3.3
NEW AU115-36-50□□-□□	115	360	500	3.7
NEW AU115-43-16□□-□□	115	430	160	2.0
NEW AU115-43-20□□-□□	115	430	200	2.2
NEW AU115-43-25□□-□□	115	430	250	2.6
NEW AU115-43-30□□-□□	115	430	300	2.9
NEW AU115-43-36□□-□□	115	430	360	3.3
NEW AU115-43-43□□-□□	115	430	430	3.8
NEW AU115-43-50□□-□□	115	430	500	4.2
NEW AU115-50-30□□-□□	115	500	300	3.2
NEW AU115-50-36□□-□□	115	500	360	3.7
NEW AU115-50-43□□-□□	115	500	430	4.2
NEW AU115-50-50□□-□□	115	500	500	4.7

Product no. / Details

Product no.	H	W	D	Weight (kg)
AU133-16-16□□-□□	132.5	160	160	1.2
AU133-16-20□□-□□	132.5	160	200	1.4
AU133-16-25□□-□□	132.5	160	250	1.6
AU133-16-30□□-□□	132.5	160	300	1.8
AU133-16-36□□-□□	132.5	160	360	2.1
AU133-16-43□□-□□	132.5	160	430	2.4
AU133-20-16□□-□□	132.5	200	160	1.3
AU133-20-20□□-□□	132.5	200	200	1.5
AU133-20-25□□-□□	132.5	200	250	1.7
AU133-20-30□□-□□	132.5	200	300	2.0
AU133-20-36□□-□□	132.5	200	360	2.3
AU133-20-43□□-□□	132.5	200	430	2.6
AU133-25-16□□-□□	132.5	250	160	1.5
AU133-25-20□□-□□	132.5	250	200	1.7
AU133-25-25□□-□□	132.5	250	250	2.0
AU133-25-30□□-□□	132.5	250	300	2.2
AU133-25-36□□-□□	132.5	250	360	2.6
AU133-25-43□□-□□	132.5	250	430	3.0
AU133-30-16□□-□□	132.5	300	160	1.7
AU133-30-20□□-□□	132.5	300	200	1.9
AU133-30-25□□-□□	132.5	300	250	2.2
AU133-30-30□□-□□	132.5	300	300	2.5
AU133-30-36□□-□□	132.5	300	360	2.8
AU133-30-43□□-□□	132.5	300	430	3.3
AU133-30-50□□-□□	132.5	300	500	3.7
AU133-36-16□□-□□	132.5	360	160	1.9
AU133-36-20□□-□□	132.5	360	200	2.1
AU133-36-25□□-□□	132.5	360	250	2.5
AU133-36-30□□-□□	132.5	360	300	2.8
AU133-36-36□□-□□	132.5	360	360	3.2
AU133-36-43□□-□□	132.5	360	430	3.7
AU133-36-50□□-□□	132.5	360	500	4.1
AU133-43-16□□-□□	132.5	430	160	2.2
AU133-43-20□□-□□	132.5	430	200	2.4
AU133-43-25□□-□□	132.5	430	250	2.8
AU133-43-30□□-□□	132.5	430	300	3.2
AU133-43-36□□-□□	132.5	430	360	3.6
AU133-43-43□□-□□	132.5	430	430	4.1
AU133-43-50□□-□□	132.5	430	500	4.6
AU133-50-30□□-□□	132.5	500	300	3.5
AU133-50-36□□-□□	132.5	500	360	4.0
AU133-50-43□□-□□	132.5	500	430	4.6
AU133-50-50□□-□□	132.5	500	500	5.1
NEW AU149-16-16□□-□□	149	160	160	1.2
NEW AU149-16-20□□-□□	149	160	200	1.4
NEW AU149-16-25□□-□□	149	160	250	1.6
NEW AU149-16-30□□-□□	149	160	300	1.9
NEW AU149-16-36□□-□□	149	160	360	2.1
NEW AU149-16-43□□-□□	149	160	430	2.5
NEW AU149-20-16□□-□□	149	200	160	1.4
NEW AU149-20-20□□-□□	149	200	200	1.6
NEW AU149-20-25□□-□□	149	200	250	1.8
NEW AU149-20-30□□-□□	149	200	300	2.1
NEW AU149-20-36□□-□□	149	200	360	2.4
NEW AU149-20-43□□-□□	149	200	430	2.7
NEW AU149-25-16□□-□□	149	250	160	1.5
NEW AU149-25-20□□-□□	149	250	200	1.8
NEW AU149-25-25□□-□□	149	250	250	2.0
NEW AU149-25-30□□-□□	149	250	300	2.3
NEW AU149-25-36□□-□□	149	250	360	2.7
NEW AU149-25-43□□-□□	149	250	430	3.1
NEW AU149-30-16□□-□□	149	300	160	1.7
NEW AU149-30-20□□-□□	149	300	200	2.0
NEW AU149-30-25□□-□□	149	300	250	2.3
NEW AU149-30-30□□-□□	149	300	300	2.6

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AU149-30-36□□-□□	149	300	360	2.9
NEW AU149-30-43□□-□□	149	300	430	3.4
NEW AU149-30-50□□-□□	149	300	500	3.8
NEW AU149-36-16□□-□□	149	360	160	1.9
NEW AU149-36-20□□-□□	149	360	200	2.2
NEW AU149-36-25□□-□□	149	360	250	2.5
NEW AU149-36-30□□-□□	149	360	300	2.9
NEW AU149-36-36□□-□□	149	360	360	3.3
NEW AU149-36-43□□-□□	149	360	430	3.8
NEW AU149-36-50□□-□□	149	360	500	4.3
NEW AU149-43-16□□-□□	149	430	160	2.2
NEW AU149-43-20□□-□□	149	430	200	2.5
NEW AU149-43-25□□-□□	149	430	250	2.9
NEW AU149-43-30□□-□□	149	430	300	3.3
NEW AU149-43-36□□-□□	149	430	360	3.7
NEW AU149-43-43□□-□□	149	430	430	4.2
NEW AU149-43-50□□-□□	149	430	500	4.8
NEW AU149-50-30□□-□□	149	500	300	3.6
NEW AU149-50-36□□-□□	149	500	360	4.1
NEW AU149-50-43□□-□□	149	500	430	4.7
NEW AU149-50-50□□-□□	149	500	500	5.3
AU177-16-16□□-□□	177	160	160	1.4
AU177-16-20□□-□□	177	160	200	1.6
AU177-16-25□□-□□	177	160	250	1.8
AU177-16-30□□-□□	177	160	300	2.1
AU177-16-36□□-□□	177	160	360	2.4
AU177-16-43□□-□□	177	160	430	2.7
AU177-20-16□□-□□	177	200	160	1.5
AU177-20-20□□-□□	177	200	200	1.7
AU177-20-25□□-□□	177	200	250	2.0
AU177-20-30□□-□□	177	200	300	2.3
AU177-20-36□□-□□	177	200	360	2.6
AU177-20-43□□-□□	177	200	430	3.0
AU177-25-16□□-□□	177	250	160	1.7
AU177-25-20□□-□□	177	250	200	1.9
AU177-25-25□□-□□	177	250	250	2.2
AU177-25-30□□-□□	177	250	300	2.5
AU177-25-36□□-□□	177	250	360	2.9
AU177-25-43□□-□□	177	250	430	3.3
AU177-30-16□□-□□	177	300	160	1.9
AU177-30-20□□-□□	177	300	200	2.2
AU177-30-25□□-□□	177	300	250	2.5
AU177-30-30□□-□□	177	300	300	2.8
AU177-30-36□□-□□	177	300	360	3.2
AU177-30-43□□-□□	177	300	430	3.7
AU177-30-50□□-□□	177	300	500	4.1
AU177-36-16□□-□□	177	360	160	2.1
AU177-36-20□□-□□	177	360	200	2.4
AU177-36-25□□-□□	177	360	250	2.8
AU177-36-30□□-□□	177	360	300	3.1
AU177-36-36□□-□□	177	360	360	3.6
AU177-36-43□□-□□	177	360	430	4.1
AU177-36-50□□-□□	177	360	500	4.6
AU177-43-16□□-□□	177	430	160	2.4
AU177-43-20□□-□□	177	430	200	2.7
AU177-43-25□□-□□	177	430	250	3.1
AU177-43-30□□-□□	177	430	300	3.5
AU177-43-36□□-□□	177	430	360	4.0
AU177-43-43□□-□□	177	430	430	4.6
AU177-43-50□□-□□	177	430	500	5.1
AU177-50-30□□-□□	177	500	300	3.9
AU177-50-36□□-□□	177	500	360	4.4
AU177-50-43□□-□□	177	500	430	5.0
AU177-50-50□□-□□	177	500	500	5.6

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AU222-16-16□□-□□	221.5	161	161	1.6
NEW AU222-16-20□□-□□	221.5	161	201	1.8
NEW AU222-16-25□□-□□	221.5	161	251	2.1
NEW AU222-16-30□□-□□	221.5	161	301	2.4
NEW AU222-16-36□□-□□	221.5	161	361	2.7
NEW AU222-16-43□□-□□	221.5	161	431	3.2
NEW AU222-20-16□□-□□	221.5	201	161	1.8
NEW AU222-20-20□□-□□	221.5	201	201	2.0
NEW AU222-20-25□□-□□	221.5	201	251	2.3
NEW AU222-20-30□□-□□	221.5	201	301	2.6
NEW AU222-20-36□□-□□	221.5	201	361	3.0
NEW AU222-20-43□□-□□	221.5	201	431	3.4
NEW AU222-25-16□□-□□	221.5	251	161	2.0
NEW AU222-25-20□□-□□	221.5	251	201	2.2
NEW AU222-25-25□□-□□	221.5	251	251	2.6
NEW AU222-25-30□□-□□	221.5	251	301	2.9
NEW AU222-25-36□□-□□	221.5	251	361	3.3
NEW AU222-25-43□□-□□	221.5	251	431	3.8
NEW AU222-30-16□□-□□	221.5	301	161	2.2
NEW AU222-30-20□□-□□	221.5	301	201	2.5
NEW AU222-30-25□□-□□	221.5	301	251	2.8
NEW AU222-30-30□□-□□	221.5	301	301	3.2
NEW AU222-30-36□□-□□	221.5	301	361	3.6
NEW AU222-30-43□□-□□	221.5	301	431	4.2
NEW AU222-30-50□□-□□	221.5	301	501	4.7
NEW AU222-36-16□□-□□	221.5	361	161	2.4
NEW AU222-36-20□□-□□	221.5	361	201	2.7
NEW AU222-36-25□□-□□	221.5	361	251	3.1
NEW AU222-36-30□□-□□	221.5	361	301	3.5
NEW AU222-36-36□□-□□	221.5	361	361	4.0
NEW AU222-36-43□□-□□	221.5	361	431	4.6
NEW AU222-36-50□□-□□	221.5	361	501	5.1
NEW AU222-43-16□□-□□	221.5	431	161	2.7
NEW AU222-43-20□□-□□	221.5	431	201	3.1
NEW AU222-43-25□□-□□	221.5	431	251	3.5
NEW AU222-43-30□□-□□	221.5	431	301	4.0
NEW AU222-43-36□□-□□	221.5	431	361	4.5
NEW AU222-43-43□□-□□	221.5	431	431	5.1
NEW AU222-43-50□□-□□	221.5	431	501	5.7
NEW AU222-50-30□□-□□	221.5	501	301	4.4
NEW AU222-50-36□□-□□	221.5	501	361	4.9
NEW AU222-50-43□□-□□	221.5	501	431	5.6
NEW AU222-50-50□□-□□	221.5	501	501	6.2

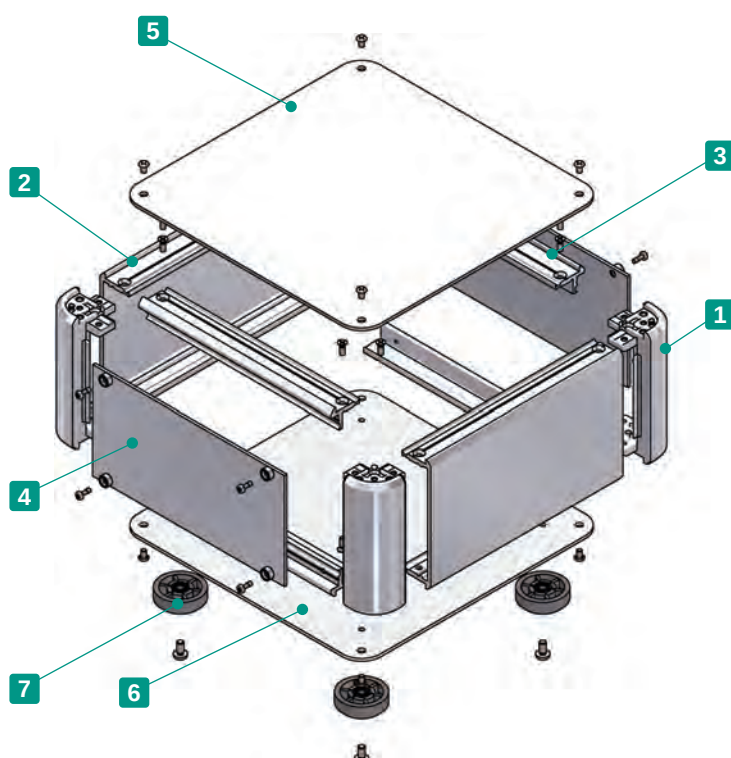
Product no.	H	W	D	Weight (kg)
NEW AU266-16-16□□-□□	265.9	161	161	1.9
NEW AU266-16-20□□-□□	265.9	161	201	2.2
NEW AU266-16-25□□-□□	265.9	161	251	2.5
NEW AU266-16-30□□-□□	265.9	161	301	2.9
NEW AU266-16-36□□-□□	265.9	161	361	3.3
NEW AU266-16-43□□-□□	265.9	161	431	3.8
NEW AU266-20-16□□-□□	265.9	201	161	2.1
NEW AU266-20-20□□-□□	265.9	201	201	2.4
NEW AU266-20-25□□-□□	265.9	201	251	2.7
NEW AU266-20-30□□-□□	265.9	201	301	3.1
NEW AU266-20-36□□-□□	265.9	201	361	3.6
NEW AU266-20-43□□-□□	265.9	201	431	4.1
NEW AU266-25-16□□-□□	265.9	251	161	2.3
NEW AU266-25-20□□-□□	265.9	251	201	2.6
NEW AU266-25-25□□-□□	265.9	251	251	3.0
NEW AU266-25-30□□-□□	265.9	251	301	3.4
NEW AU266-25-36□□-□□	265.9	251	361	3.9
NEW AU266-25-43□□-□□	265.9	251	431	4.5
NEW AU266-30-16□□-□□	265.9	301	161	2.5
NEW AU266-30-20□□-□□	265.9	301	201	2.9
NEW AU266-30-25□□-□□	265.9	301	251	3.3
NEW AU266-30-30□□-□□	265.9	301	301	3.7
NEW AU266-30-36□□-□□	265.9	301	361	4.2
NEW AU266-30-43□□-□□	265.9	301	431	4.9
NEW AU266-30-50□□-□□	265.9	301	501	5.5
NEW AU266-36-16□□-□□	265.9	361	161	2.8
NEW AU266-36-20□□-□□	265.9	361	201	3.2
NEW AU266-36-25□□-□□	265.9	361	251	3.6
NEW AU266-36-30□□-□□	265.9	361	301	4.1
NEW AU266-36-36□□-□□	265.9	361	361	4.6
NEW AU266-36-43□□-□□	265.9	361	431	5.3
NEW AU266-36-50□□-□□	265.9	361	501	6.0
NEW AU266-43-16□□-□□	265.9	431	161	3.1
NEW AU266-43-20□□-□□	265.9	431	201	3.5
NEW AU266-43-25□□-□□	265.9	431	251	4.0
NEW AU266-43-30□□-□□	265.9	431	301	4.5
NEW AU266-43-36□□-□□	265.9	431	361	5.1
NEW AU266-43-43□□-□□	265.9	431	431	5.8
NEW AU266-43-50□□-□□	265.9	431	501	6.6
NEW AU266-50-30□□-□□	265.9	501	301	5.0
NEW AU266-50-36□□-□□	265.9	501	361	5.6
NEW AU266-50-43□□-□□	265.9	501	431	6.4
NEW AU266-50-50□□-□□	265.9	501	501	7.1



Conductive



- Elegantly designed aluminium enclosure with easily detachable front/rear panels.
Captive screws allow for ease of maintenance as there is little risk of the screws dropping out and getting lost.
- The inner surface is unfinished, allowing the enclosure to be conductive.
- A large selection of 387 different sizes and 2 colors to choose from.
- Suitable for use as measuring instrument, controller, industrial embedded computer, power supply, audio amplifier, and more.
- Feet is selectable from adhesive rubber and aluminium types.

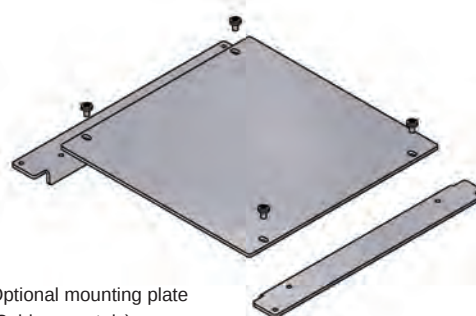


Included screws

- Top / Bottom cover
M3-5 original trapezoid head (plus / hex) & Nickel plated x 8~16 pcs
- Frame / Panel support frame
M3-8 flat head & Nickel plated x 16 pcs
- Rubber feet / Aluminium feet
M4-8 bind head & Black trivalent chromate x 4 pcs
- Panel
Captive M2.5-7 pan head & Nickel plated x 8~12 pcs

Recommended torque : $\begin{cases} \text{M2.5 : } 0.15 \sim 0.2 \text{ N} \cdot \text{m} \\ \text{M3 / M4 : } 0.3 \sim 0.6 \text{ N} \cdot \text{m} \end{cases}$

* Recommended torque listed is for reference only; actual may differ.
Assemble after testing torque.

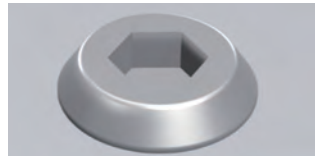


Optional mounting plate
(Sold separately)

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	2	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
3	Panel support frame	4	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
4	Panel	2	Aluminium A1100P	Silver / Painted (Conductive inside)
5	Top cover	1	Aluminium A1100P	Silver / Painted (Conductive inside)
6	Bottom cover	1	Aluminium A1100P	Silver / Painted (Conductive inside)
7	Rubber feet : Aluminium feet	4	TPE (Elastomer) : Aluminium	Black : Silver / Anodized

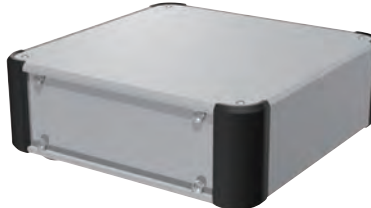
To select Feet, Screw, and Color, follow steps **1** ~ **3** to determine product number.

1 Feet**R** Rubber (Black)**A** Aluminium (Silver / Anodized)**2 Screw****P** Plus (Silver / Nickel plated)**H** Hex (Silver / Nickel plated)

Hex wrench included.

3 Color

Please choose from the color combinations listed below.

S **S****S** **B****Product Number**

To determine a product number, fill H-W-D dimensions and select Feet, Screw, and Color code in the following blank boxes.

AUP

--

H-W-D dimensions

See page 251~254 for dimensions and product no.

1 Feet**R or A****2 Screw****P or H**
-**3 Color****SS or SB****Numbering example :**

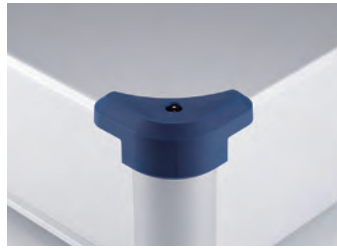
If looking at "H88 x W300 x D200mm, Feet type A, Screw type H, Color type SB"

➔ **AUP 88-30-20 AH-SB**

Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294



Corner guard AUCG series
See page 294

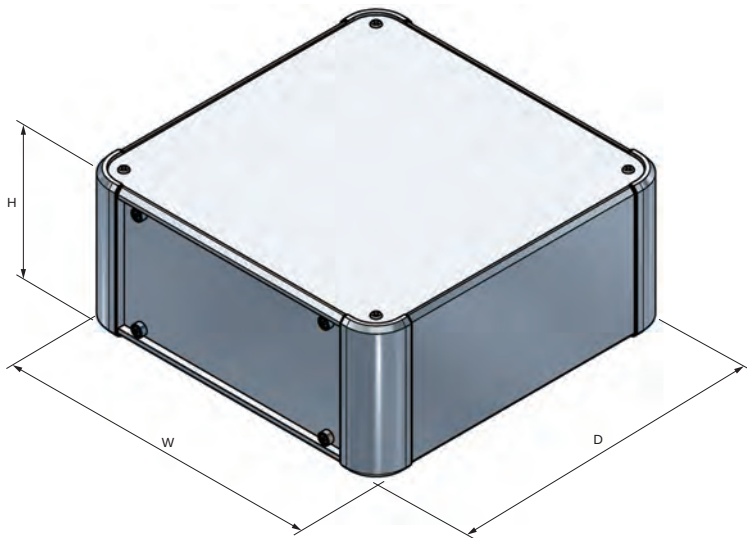


Elastomer carrying handle FM200
See website



Tilt leg TLW series
See page 239

AUP dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

■ Feet is selectable from rubber and aluminium types.
※Rubber and aluminium feet height are different.

Rubber Feet



Aluminium Feet



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUP 66-16-16□□-□□	66	160	160	0.9
AUP 66-16-20□□-□□	66	160	200	1.0
AUP 66-16-25□□-□□	66	160	250	1.2
AUP 66-16-30□□-□□	66	160	300	1.3
AUP 66-16-36□□-□□	66	160	360	1.5
AUP 66-16-43□□-□□	66	160	430	1.7
AUP 66-20-16□□-□□	66	200	160	1.0
AUP 66-20-20□□-□□	66	200	200	1.2
AUP 66-20-25□□-□□	66	200	250	1.4
AUP 66-20-30□□-□□	66	200	300	1.5
AUP 66-20-36□□-□□	66	200	360	1.7
AUP 66-20-43□□-□□	66	200	430	2.0
AUP 66-25-16□□-□□	66	250	160	1.2
AUP 66-25-20□□-□□	66	250	200	1.4
AUP 66-25-25□□-□□	66	250	250	1.6
AUP 66-25-30□□-□□	66	250	300	1.8
AUP 66-25-36□□-□□	66	250	360	2.0
AUP 66-25-43□□-□□	66	250	430	2.3
AUP 66-30-16□□-□□	66	300	160	1.4
AUP 66-30-20□□-□□	66	300	200	1.5
AUP 66-30-25□□-□□	66	300	250	1.8
AUP 66-30-30□□-□□	66	300	300	2.0

Product no.	H	W	D	Weight (kg)
AUP 66-30-36□□-□□	66	300	360	2.3
AUP 66-30-43□□-□□	66	300	430	2.6
AUP 66-30-50□□-□□	66	300	500	3.0
AUP 66-36-16□□-□□	66	360	160	1.6
AUP 66-36-20□□-□□	66	360	200	1.8
AUP 66-36-25□□-□□	66	360	250	2.0
AUP 66-36-30□□-□□	66	360	300	2.3
AUP 66-36-36□□-□□	66	360	360	2.6
AUP 66-36-43□□-□□	66	360	430	3.0
AUP 66-36-50□□-□□	66	360	500	3.4
AUP 66-43-16□□-□□	66	430	160	1.8
AUP 66-43-20□□-□□	66	430	200	2.1
AUP 66-43-25□□-□□	66	430	250	2.4
AUP 66-43-30□□-□□	66	430	300	2.7
AUP 66-43-36□□-□□	66	430	360	3.0
AUP 66-43-43□□-□□	66	430	430	3.4
AUP 66-43-50□□-□□	66	430	500	3.9
AUP 66-50-30□□-□□	66	500	300	3.0
AUP 66-50-36□□-□□	66	500	360	3.4
AUP 66-50-43□□-□□	66	500	430	3.9
AUP 66-50-50□□-□□	66	500	500	4.3

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUP 88-16-16□□-□□	88	160	160	1.0
AUP 88-16-20□□-□□	88	160	200	1.2
AUP 88-16-25□□-□□	88	160	250	1.3
AUP 88-16-30□□-□□	88	160	300	1.5
AUP 88-16-36□□-□□	88	160	360	1.7
AUP 88-16-43□□-□□	88	160	430	2.0
AUP 88-20-16□□-□□	88	200	160	1.2
AUP 88-20-20□□-□□	88	200	200	1.3
AUP 88-20-25□□-□□	88	200	250	1.5
AUP 88-20-30□□-□□	88	200	300	1.7
AUP 88-20-36□□-□□	88	200	360	1.9
AUP 88-20-43□□-□□	88	200	430	2.2
AUP 88-25-16□□-□□	88	250	160	1.3
AUP 88-25-20□□-□□	88	250	200	1.5
AUP 88-25-25□□-□□	88	250	250	1.7
AUP 88-25-30□□-□□	88	250	300	1.9
AUP 88-25-36□□-□□	88	250	360	2.2
AUP 88-25-43□□-□□	88	250	430	2.5
AUP 88-30-16□□-□□	88	300	160	1.5
AUP 88-30-20□□-□□	88	300	200	1.7
AUP 88-30-25□□-□□	88	300	250	1.9
AUP 88-30-30□□-□□	88	300	300	2.2
AUP 88-30-36□□-□□	88	300	360	2.5
AUP 88-30-43□□-□□	88	300	430	2.9
AUP 88-30-50□□-□□	88	300	500	3.2
AUP 88-36-16□□-□□	88	360	160	1.7
AUP 88-36-20□□-□□	88	360	200	1.9
AUP 88-36-25□□-□□	88	360	250	2.2
AUP 88-36-30□□-□□	88	360	300	2.5
AUP 88-36-36□□-□□	88	360	360	2.8
AUP 88-36-43□□-□□	88	360	430	3.2
AUP 88-36-50□□-□□	88	360	500	3.6
AUP 88-43-16□□-□□	88	430	160	2.0
AUP 88-43-20□□-□□	88	430	200	2.2
AUP 88-43-25□□-□□	88	430	250	2.5
AUP 88-43-30□□-□□	88	430	300	2.9
AUP 88-43-36□□-□□	88	430	360	3.2
AUP 88-43-43□□-□□	88	430	430	3.7
AUP 88-43-50□□-□□	88	430	500	4.1
AUP 88-50-30□□-□□	88	500	300	3.2
AUP 88-50-36□□-□□	88	500	360	3.6
AUP 88-50-43□□-□□	88	500	430	4.1
AUP 88-50-50□□-□□	88	500	500	4.6
NEW AUP 99-16-16□□-□□	99	160	160	1.0
NEW AUP 99-16-20□□-□□	99	160	200	1.1
NEW AUP 99-16-25□□-□□	99	160	250	1.3
NEW AUP 99-16-30□□-□□	99	160	300	1.5
NEW AUP 99-16-36□□-□□	99	160	360	1.7
NEW AUP 99-16-43□□-□□	99	160	430	2.0
NEW AUP 99-20-16□□-□□	99	200	160	1.1
NEW AUP 99-20-20□□-□□	99	200	200	1.3
NEW AUP 99-20-25□□-□□	99	200	250	1.5
NEW AUP 99-20-30□□-□□	99	200	300	1.7
NEW AUP 99-20-36□□-□□	99	200	360	1.9
NEW AUP 99-20-43□□-□□	99	200	430	2.2
NEW AUP 99-25-16□□-□□	99	250	160	1.3
NEW AUP 99-25-20□□-□□	99	250	200	1.5
NEW AUP 99-25-25□□-□□	99	250	250	1.7
NEW AUP 99-25-30□□-□□	99	250	300	2.0
NEW AUP 99-25-36□□-□□	99	250	360	2.2
NEW AUP 99-25-43□□-□□	99	250	430	2.6
NEW AUP 99-30-16□□-□□	99	300	160	1.5
NEW AUP 99-30-20□□-□□	99	300	200	1.7
NEW AUP 99-30-25□□-□□	99	300	250	2.0
NEW AUP 99-30-30□□-□□	99	300	300	2.2

Product no.	H	W	D	Weight (kg)
NEW AUP 99-30-36□□-□□	99	300	360	2.5
NEW AUP 99-30-43□□-□□	99	300	430	2.9
NEW AUP 99-30-50□□-□□	99	300	500	3.2
NEW AUP 99-36-16□□-□□	99	360	160	1.7
NEW AUP 99-36-20□□-□□	99	360	200	1.9
NEW AUP 99-36-25□□-□□	99	360	250	2.2
NEW AUP 99-36-30□□-□□	99	360	300	2.5
NEW AUP 99-36-36□□-□□	99	360	360	2.9
NEW AUP 99-36-43□□-□□	99	360	430	3.3
NEW AUP 99-36-50□□-□□	99	360	500	3.7
NEW AUP 99-43-16□□-□□	99	430	160	2.0
NEW AUP 99-43-20□□-□□	99	430	200	2.3
NEW AUP 99-43-25□□-□□	99	430	250	2.6
NEW AUP 99-43-30□□-□□	99	430	300	2.9
NEW AUP 99-43-36□□-□□	99	430	360	3.3
NEW AUP 99-43-43□□-□□	99	430	430	3.7
NEW AUP 99-43-50□□-□□	99	430	500	4.2
NEW AUP 99-50-30□□-□□	99	500	300	3.3
NEW AUP 99-50-36□□-□□	99	500	360	3.7
NEW AUP 99-50-43□□-□□	99	500	430	4.2
NEW AUP 99-50-50□□-□□	99	500	500	4.7
NEW AUP115-16-16□□-□□	115	160	160	1.1
NEW AUP115-16-20□□-□□	115	160	200	1.2
NEW AUP115-16-25□□-□□	115	160	250	1.4
NEW AUP115-16-30□□-□□	115	160	300	1.6
NEW AUP115-16-36□□-□□	115	160	360	1.8
NEW AUP115-16-43□□-□□	115	160	430	2.1
NEW AUP115-20-16□□-□□	115	200	160	1.2
NEW AUP115-20-20□□-□□	115	200	200	1.4
NEW AUP115-20-25□□-□□	115	200	250	1.6
NEW AUP115-20-30□□-□□	115	200	300	1.8
NEW AUP115-20-36□□-□□	115	200	360	2.1
NEW AUP115-20-43□□-□□	115	200	430	2.4
NEW AUP115-25-16□□-□□	115	250	160	1.4
NEW AUP115-25-20□□-□□	115	250	200	1.6
NEW AUP115-25-25□□-□□	115	250	250	1.8
NEW AUP115-25-30□□-□□	115	250	300	2.1
NEW AUP115-25-36□□-□□	115	250	360	2.4
NEW AUP115-25-43□□-□□	115	250	430	2.7
NEW AUP115-30-16□□-□□	115	300	160	1.6
NEW AUP115-30-20□□-□□	115	300	200	1.8
NEW AUP115-30-25□□-□□	115	300	250	2.1
NEW AUP115-30-30□□-□□	115	300	300	2.3
NEW AUP115-30-36□□-□□	115	300	360	2.7
NEW AUP115-30-43□□-□□	115	300	430	3.1
NEW AUP115-30-50□□-□□	115	300	500	3.4
NEW AUP115-36-16□□-□□	115	360	160	1.8
NEW AUP115-36-20□□-□□	115	360	200	2.1
NEW AUP115-36-25□□-□□	115	360	250	2.4
NEW AUP115-36-30□□-□□	115	360	300	2.7
NEW AUP115-36-36□□-□□	115	360	360	3.0
NEW AUP115-36-43□□-□□	115	360	430	3.5
NEW AUP115-36-50□□-□□	115	360	500	3.9
NEW AUP115-43-16□□-□□	115	430	160	2.1
NEW AUP115-43-20□□-□□	115	430	200	2.4
NEW AUP115-43-25□□-□□	115	430	250	2.7
NEW AUP115-43-30□□-□□	115	430	300	3.1
NEW AUP115-43-36□□-□□	115	430	360	3.5
NEW AUP115-43-43□□-□□	115	430	430	3.9
NEW AUP115-43-50□□-□□	115	430	500	4.4
NEW AUP115-50-30□□-□□	115	500	300	3.4
NEW AUP115-50-36□□-□□	115	500	360	3.9
NEW AUP115-50-43□□-□□	115	500	430	4.4
NEW AUP115-50-50□□-□□	115	500	500	4.9

Product no. / Details

Product no.	H	W	D	Weight (kg)
AUP133-16-16□□-□□	132.5	160	160	1.3
AUP133-16-20□□-□□	132.5	160	200	1.4
AUP133-16-25□□-□□	132.5	160	250	1.7
AUP133-16-30□□-□□	132.5	160	300	1.9
AUP133-16-36□□-□□	132.5	160	360	2.2
AUP133-16-43□□-□□	132.5	160	430	2.5
AUP133-20-16□□-□□	132.5	200	160	1.4
AUP133-20-20□□-□□	132.5	200	200	1.6
AUP133-20-25□□-□□	132.5	200	250	1.8
AUP133-20-30□□-□□	132.5	200	300	2.1
AUP133-20-36□□-□□	132.5	200	360	2.4
AUP133-20-43□□-□□	132.5	200	430	2.7
AUP133-25-16□□-□□	132.5	250	160	1.6
AUP133-25-20□□-□□	132.5	250	200	1.8
AUP133-25-25□□-□□	132.5	250	250	2.1
AUP133-25-30□□-□□	132.5	250	300	2.4
AUP133-25-36□□-□□	132.5	250	360	2.7
AUP133-25-43□□-□□	132.5	250	430	3.1
AUP133-30-16□□-□□	132.5	300	160	1.8
AUP133-30-20□□-□□	132.5	300	200	2.0
AUP133-30-25□□-□□	132.5	300	250	2.3
AUP133-30-30□□-□□	132.5	300	300	2.6
AUP133-30-36□□-□□	132.5	300	360	3.0
AUP133-30-43□□-□□	132.5	300	430	3.4
AUP133-30-50□□-□□	132.5	300	500	3.8
AUP133-36-16□□-□□	132.5	360	160	2.1
AUP133-36-20□□-□□	132.5	360	200	2.3
AUP133-36-25□□-□□	132.5	360	250	2.6
AUP133-36-30□□-□□	132.5	360	300	3.0
AUP133-36-36□□-□□	132.5	360	360	3.3
AUP133-36-43□□-□□	132.5	360	430	3.8
AUP133-36-50□□-□□	132.5	360	500	4.3
AUP133-43-16□□-□□	132.5	430	160	2.4
AUP133-43-20□□-□□	132.5	430	200	2.6
AUP133-43-25□□-□□	132.5	430	250	3.0
AUP133-43-30□□-□□	132.5	430	300	3.4
AUP133-43-36□□-□□	132.5	430	360	3.8
AUP133-43-43□□-□□	132.5	430	430	4.3
AUP133-43-50□□-□□	132.5	430	500	4.8
AUP133-50-30□□-□□	132.5	500	300	3.8
AUP133-50-36□□-□□	132.5	500	360	4.2
AUP133-50-43□□-□□	132.5	500	430	4.8
AUP133-50-50□□-□□	132.5	500	500	5.3
NEW AUP149-16-16□□-□□	149	160	160	1.3
NEW AUP149-16-20□□-□□	149	160	200	1.5
NEW AUP149-16-25□□-□□	149	160	250	1.7
NEW AUP149-16-30□□-□□	149	160	300	1.9
NEW AUP149-16-36□□-□□	149	160	360	2.2
NEW AUP149-16-43□□-□□	149	160	430	2.5
NEW AUP149-20-16□□-□□	149	200	160	1.4
NEW AUP149-20-20□□-□□	149	200	200	1.6
NEW AUP149-20-25□□-□□	149	200	250	1.9
NEW AUP149-20-30□□-□□	149	200	300	2.1
NEW AUP149-20-36□□-□□	149	200	360	2.4
NEW AUP149-20-43□□-□□	149	200	430	2.8
NEW AUP149-25-16□□-□□	149	250	160	1.6
NEW AUP149-25-20□□-□□	149	250	200	1.9
NEW AUP149-25-25□□-□□	149	250	250	2.1
NEW AUP149-25-30□□-□□	149	250	300	2.4
NEW AUP149-25-36□□-□□	149	250	360	2.8
NEW AUP149-25-43□□-□□	149	250	430	3.2
NEW AUP149-30-16□□-□□	149	300	160	1.9
NEW AUP149-30-20□□-□□	149	300	200	2.1
NEW AUP149-30-25□□-□□	149	300	250	2.4
NEW AUP149-30-30□□-□□	149	300	300	2.7

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUP149-30-36□□-□□	149	300	360	3.1
NEW AUP149-30-43□□-□□	149	300	430	3.5
NEW AUP149-30-50□□-□□	149	300	500	4.0
NEW AUP149-36-16□□-□□	149	360	160	2.1
NEW AUP149-36-20□□-□□	149	360	200	2.4
NEW AUP149-36-25□□-□□	149	360	250	2.7
NEW AUP149-36-30□□-□□	149	360	300	3.0
NEW AUP149-36-36□□-□□	149	360	360	3.4
NEW AUP149-36-43□□-□□	149	360	430	4.0
NEW AUP149-36-50□□-□□	149	360	500	4.4
NEW AUP149-43-16□□-□□	149	430	160	2.4
NEW AUP149-43-20□□-□□	149	430	200	2.7
NEW AUP149-43-25□□-□□	149	430	250	3.1
NEW AUP149-43-30□□-□□	149	430	300	3.5
NEW AUP149-43-36□□-□□	149	430	360	3.9
NEW AUP149-43-43□□-□□	149	430	430	4.4
NEW AUP149-43-50□□-□□	149	430	500	5.0
NEW AUP149-50-30□□-□□	149	500	300	3.9
NEW AUP149-50-36□□-□□	149	500	360	4.4
NEW AUP149-50-43□□-□□	149	500	430	4.9
NEW AUP149-50-50□□-□□	149	500	500	5.5
AUP177-16-16□□-□□	177	160	160	1.4
AUP177-16-20□□-□□	177	160	200	1.6
AUP177-16-25□□-□□	177	160	250	1.9
AUP177-16-30□□-□□	177	160	300	2.1
AUP177-16-36□□-□□	177	160	360	2.4
AUP177-16-43□□-□□	177	160	430	2.8
AUP177-20-16□□-□□	177	200	160	1.6
AUP177-20-20□□-□□	177	200	200	1.8
AUP177-20-25□□-□□	177	200	250	2.1
AUP177-20-30□□-□□	177	200	300	2.4
AUP177-20-36□□-□□	177	200	360	2.7
AUP177-20-43□□-□□	177	200	430	3.1
AUP177-25-16□□-□□	177	250	160	1.8
AUP177-25-20□□-□□	177	250	200	2.1
AUP177-25-25□□-□□	177	250	250	2.4
AUP177-25-30□□-□□	177	250	300	2.7
AUP177-25-36□□-□□	177	250	360	3.0
AUP177-25-43□□-□□	177	250	430	3.5
AUP177-30-16□□-□□	177	300	160	2.0
AUP177-30-20□□-□□	177	300	200	2.3
AUP177-30-25□□-□□	177	300	250	2.6
AUP177-30-30□□-□□	177	300	300	3.0
AUP177-30-36□□-□□	177	300	360	3.3
AUP177-30-43□□-□□	177	300	430	3.8
AUP177-30-50□□-□□	177	300	500	4.3
AUP177-36-16□□-□□	177	360	160	2.3
AUP177-36-20□□-□□	177	360	200	2.6
AUP177-36-25□□-□□	177	360	250	3.0
AUP177-36-30□□-□□	177	360	300	3.3
AUP177-36-36□□-□□	177	360	360	3.7
AUP177-36-43□□-□□	177	360	430	4.3
AUP177-36-50□□-□□	177	360	500	4.8
AUP177-43-16□□-□□	177	430	160	2.6
AUP177-43-20□□-□□	177	430	200	3.0
AUP177-43-25□□-□□	177	430	250	3.4
AUP177-43-30□□-□□	177	430	300	3.8
AUP177-43-36□□-□□	177	430	360	4.2
AUP177-43-43□□-□□	177	430	430	4.8
AUP177-43-50□□-□□	177	430	500	5.4
AUP177-50-30□□-□□	177	500	300	4.2
AUP177-50-36□□-□□	177	500	360	4.7
AUP177-50-43□□-□□	177	500	430	5.3
AUP177-50-50□□-□□	177	500	500	5.9

Product no. / Details

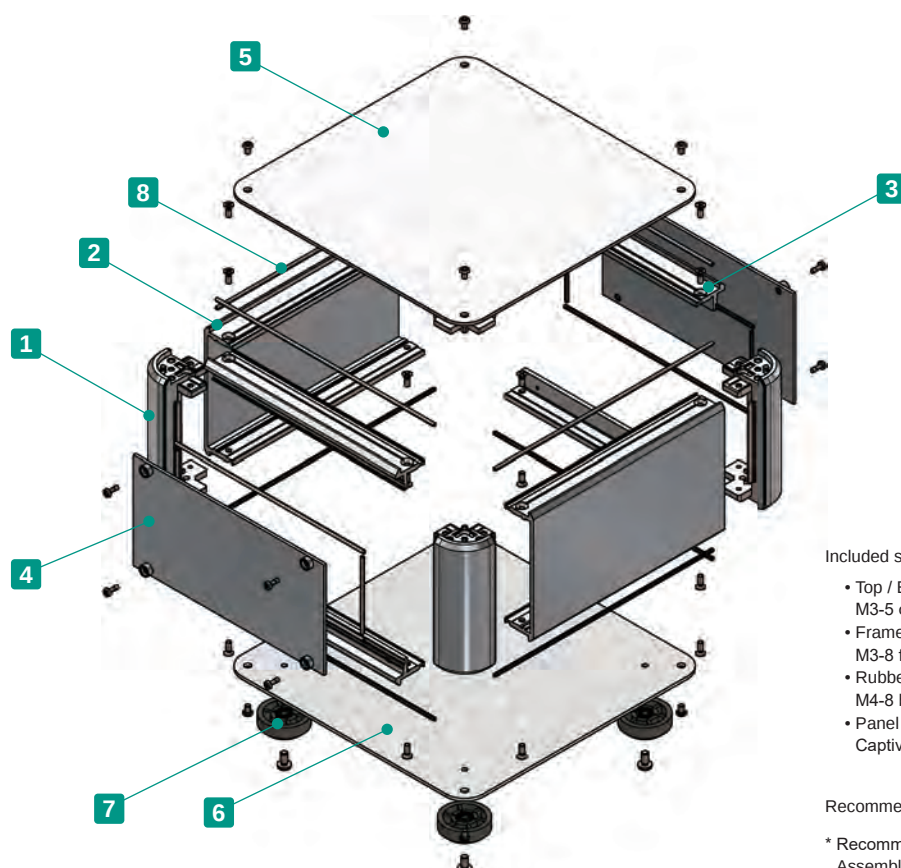
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUP222-16-16□□-□□	221.5	161	161	1.7
NEW AUP222-16-20□□-□□	221.5	161	201	1.9
NEW AUP222-16-25□□-□□	221.5	161	251	2.2
NEW AUP222-16-30□□-□□	221.5	161	301	2.5
NEW AUP222-16-36□□-□□	221.5	161	361	2.8
NEW AUP222-16-43□□-□□	221.5	161	431	3.2
NEW AUP222-20-16□□-□□	221.5	201	161	1.9
NEW AUP222-20-20□□-□□	221.5	201	201	2.1
NEW AUP222-20-25□□-□□	221.5	201	251	2.4
NEW AUP222-20-30□□-□□	221.5	201	301	2.7
NEW AUP222-20-36□□-□□	221.5	201	361	3.1
NEW AUP222-20-43□□-□□	221.5	201	431	3.6
NEW AUP222-25-16□□-□□	221.5	251	161	2.1
NEW AUP222-25-20□□-□□	221.5	251	201	2.4
NEW AUP222-25-25□□-□□	221.5	251	251	2.7
NEW AUP222-25-30□□-□□	221.5	251	301	3.0
NEW AUP222-25-36□□-□□	221.5	251	361	3.4
NEW AUP222-25-43□□-□□	221.5	251	431	3.9
NEW AUP222-30-16□□-□□	221.5	301	161	2.3
NEW AUP222-30-20□□-□□	221.5	301	201	2.6
NEW AUP222-30-25□□-□□	221.5	301	251	3.0
NEW AUP222-30-30□□-□□	221.5	301	301	3.4
NEW AUP222-30-36□□-□□	221.5	301	361	3.8
NEW AUP222-30-43□□-□□	221.5	301	431	4.3
NEW AUP222-30-50□□-□□	221.5	301	501	4.8
NEW AUP222-36-16□□-□□	221.5	361	161	2.6
NEW AUP222-36-20□□-□□	221.5	361	201	3.0
NEW AUP222-36-25□□-□□	221.5	361	251	3.4
NEW AUP222-36-30□□-□□	221.5	361	301	3.7
NEW AUP222-36-36□□-□□	221.5	361	361	4.2
NEW AUP222-36-43□□-□□	221.5	361	431	4.8
NEW AUP222-36-50□□-□□	221.5	361	501	5.4
NEW AUP222-43-16□□-□□	221.5	431	161	3.0
NEW AUP222-43-20□□-□□	221.5	431	201	3.4
NEW AUP222-43-25□□-□□	221.5	431	251	3.8
NEW AUP222-43-30□□-□□	221.5	431	301	4.2
NEW AUP222-43-36□□-□□	221.5	431	361	4.7
NEW AUP222-43-43□□-□□	221.5	431	431	5.4
NEW AUP222-43-50□□-□□	221.5	431	501	6.0
NEW AUP222-50-30□□-□□	221.5	501	301	4.7
NEW AUP222-50-36□□-□□	221.5	501	361	5.2
NEW AUP222-50-43□□-□□	221.5	501	431	5.9
NEW AUP222-50-50□□-□□	221.5	501	501	6.6

Product no.	H	W	D	Weight (kg)
NEW AUP266-16-16□□-□□	265.9	161	161	2.0
NEW AUP266-16-20□□-□□	265.9	161	201	2.3
NEW AUP266-16-25□□-□□	265.9	161	251	2.6
NEW AUP266-16-30□□-□□	265.9	161	301	3.0
NEW AUP266-16-36□□-□□	265.9	161	361	3.4
NEW AUP266-16-43□□-□□	265.9	161	431	3.9
NEW AUP266-20-16□□-□□	265.9	201	161	2.2
NEW AUP266-20-20□□-□□	265.9	201	201	2.5
NEW AUP266-20-25□□-□□	265.9	201	251	2.9
NEW AUP266-20-30□□-□□	265.9	201	301	3.2
NEW AUP266-20-36□□-□□	265.9	201	361	3.7
NEW AUP266-20-43□□-□□	265.9	201	431	4.3
NEW AUP266-25-16□□-□□	265.9	251	161	2.5
NEW AUP266-25-20□□-□□	265.9	251	201	2.8
NEW AUP266-25-25□□-□□	265.9	251	251	3.2
NEW AUP266-25-30□□-□□	265.9	251	301	3.6
NEW AUP266-25-36□□-□□	265.9	251	361	4.1
NEW AUP266-25-43□□-□□	265.9	251	431	4.7
NEW AUP266-30-16□□-□□	265.9	301	161	2.7
NEW AUP266-30-20□□-□□	265.9	301	201	3.1
NEW AUP266-30-25□□-□□	265.9	301	251	3.5
NEW AUP266-30-30□□-□□	265.9	301	301	3.9
NEW AUP266-30-36□□-□□	265.9	301	361	4.5
NEW AUP266-30-43□□-□□	265.9	301	431	5.1
NEW AUP266-30-50□□-□□	265.9	301	501	5.7
NEW AUP266-36-16□□-□□	265.9	361	161	3.0
NEW AUP266-36-20□□-□□	265.9	361	201	3.4
NEW AUP266-36-25□□-□□	265.9	361	251	3.9
NEW AUP266-36-30□□-□□	265.9	361	301	4.3
NEW AUP266-36-36□□-□□	265.9	361	361	4.9
NEW AUP266-36-43□□-□□	265.9	361	431	5.6
NEW AUP266-36-50□□-□□	265.9	361	501	6.2
NEW AUP266-43-16□□-□□	265.9	431	161	3.4
NEW AUP266-43-20□□-□□	265.9	431	201	3.9
NEW AUP266-43-25□□-□□	265.9	431	251	4.4
NEW AUP266-43-30□□-□□	265.9	431	301	4.9
NEW AUP266-43-36□□-□□	265.9	431	361	5.5
NEW AUP266-43-43□□-□□	265.9	431	431	6.2
NEW AUP266-43-50□□-□□	265.9	431	501	6.9
NEW AUP266-50-30□□-□□	265.9	501	301	5.3
NEW AUP266-50-36□□-□□	265.9	501	361	6.0
NEW AUP266-50-43□□-□□	265.9	501	431	6.7
NEW AUP266-50-50□□-□□	265.9	501	501	7.5



- Elegantly designed EMC shielded aluminium enclosure with detachable front / rear panels.
- Suitable to be used as an easy maintenance desktop case due to its detachable front / rear panels.
Captive screws allow for ease of maintenance as there is little risk of the screws dropping out and getting lost.
- A large selection of 387 different sizes and 2 colors to choose from.
- Suitable for use as measuring instrument, controller, industrial embedded computer, power supply, audio amplifier, and more.
- Feet is selectable from adhesive rubber and aluminium types.



Included screws

- Top / Bottom cover
M3-5 original trapezoid head (plus / hex) & Nickel plated x 8~16 pcs
- Frame / Panel support frame
M3-8 flat head & Nickel plated x 16 pcs
- Rubber feet / Aluminium feet
M4-8 blind head & Black trivalent chromate x 4 pcs
- Panel
Captive M2.5-7 pan head & Nickel plated x 8 ~ 12 pcs

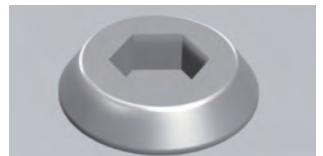
Recommended torque : $\begin{cases} \text{M2.5 : } 0.15 \sim 0.2\text{N} \cdot \text{m} \\ \text{M3 / M4 : } 0.3 \sim 0.6\text{N} \cdot \text{m} \end{cases}$

* Recommended torque listed is for reference only; actual may differ.
Assemble after testing torque.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	2	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
3	Panel support frame	4	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
4	Panel	2	Aluminium A1100P	Silver / Painted (Conductive inside)
5	Top cover	1	Aluminium A1100P	Silver / Painted (Conductive inside)
6	Bottom cover	1	Aluminium A1100P	Silver / Painted (Conductive inside)
7	Rubber feet : Aluminium feet	4	TPE (Elastomer) : Aluminium	Black : Silver / Anodized
8	EMC shielding gasket	16	Conductive fiber UL94V-0	Metallic gray

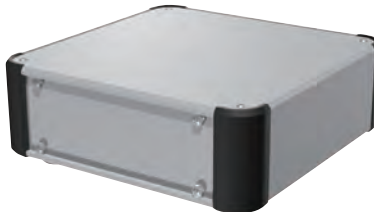
To select Feet, Screw, and Color, follow steps **1** ~ **3** to determine product number.

1 Feet**R Rubber** (Black)**A Aluminium** (Silver / Anodized)**2 Screw****P Plus** (Silver / Nickel plated)**H Hex** (Silver / Nickel plated)

Hex wrench included.

3 Color

Please choose from the color combinations listed below.

S S**S B****Product Number**

To determine a product number, fill H-W-D dimensions and select Feet, Screw, and Color code in the following blank boxes.

AUPE
 - -
H-W-D dimensions

See page 257~260 for dimensions and product no.

 -
1 Feet 2 Screw**R or A P or H****3 Color****SS or SB****Numbering example :**

If looking at "H132.5 x W300 x D200mm, Feet type A, Screw type H, Color type SS"

➔ **AUPE 133-30-20 AH-SS**

Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294



Elastomer carrying handle FM200
See website

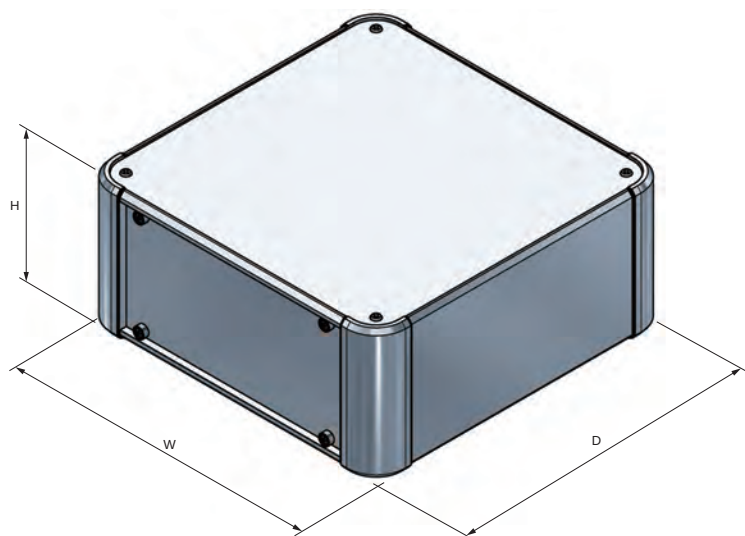


Tilt leg TLW series
See page 239



EMC shielding fan filter EMF series
See website

AUPE dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

■ Feet is selectable from rubber and aluminium types.
※Rubber and aluminium feet height are different.

Rubber Feet



Aluminium Feet



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUPE 66-16-16□□-□□	66	160	160	0.9
AUPE 66-16-20□□-□□	66	160	200	1.0
AUPE 66-16-25□□-□□	66	160	250	1.2
AUPE 66-16-30□□-□□	66	160	300	1.4
AUPE 66-16-36□□-□□	66	160	360	1.5
AUPE 66-16-43□□-□□	66	160	430	1.8
AUPE 66-20-16□□-□□	66	200	160	1.0
AUPE 66-20-20□□-□□	66	200	200	1.2
AUPE 66-20-25□□-□□	66	200	250	1.4
AUPE 66-20-30□□-□□	66	200	300	1.5
AUPE 66-20-36□□-□□	66	200	360	1.8
AUPE 66-20-43□□-□□	66	200	430	2.0
AUPE 66-25-16□□-□□	66	250	160	1.2
AUPE 66-25-20□□-□□	66	250	200	1.4
AUPE 66-25-25□□-□□	66	250	250	1.6
AUPE 66-25-30□□-□□	66	250	300	1.8
AUPE 66-25-36□□-□□	66	250	360	2.0
AUPE 66-25-43□□-□□	66	250	430	2.3
AUPE 66-30-16□□-□□	66	300	160	1.4
AUPE 66-30-20□□-□□	66	300	200	1.6
AUPE 66-30-25□□-□□	66	300	250	1.8
AUPE 66-30-30□□-□□	66	300	300	2.0

Product no.	H	W	D	Weight (kg)
AUPE 66-30-36□□-□□	66	300	360	2.3
AUPE 66-30-43□□-□□	66	300	430	2.6
AUPE 66-30-50□□-□□	66	300	500	3.0
AUPE 66-36-16□□-□□	66	360	160	1.6
AUPE 66-36-20□□-□□	66	360	200	1.8
AUPE 66-36-25□□-□□	66	360	250	2.0
AUPE 66-36-30□□-□□	66	360	300	2.3
AUPE 66-36-36□□-□□	66	360	360	2.6
AUPE 66-36-43□□-□□	66	360	430	3.0
AUPE 66-36-50□□-□□	66	360	500	3.4
AUPE 66-43-16□□-□□	66	430	160	1.8
AUPE 66-43-20□□-□□	66	430	200	2.1
AUPE 66-43-25□□-□□	66	430	250	2.4
AUPE 66-43-30□□-□□	66	430	300	2.7
AUPE 66-43-36□□-□□	66	430	360	3.0
AUPE 66-43-43□□-□□	66	430	430	3.4
AUPE 66-43-50□□-□□	66	430	500	3.9
AUPE 66-50-30□□-□□	66	500	300	3.0
AUPE 66-50-36□□-□□	66	500	360	3.4
AUPE 66-50-43□□-□□	66	500	430	3.9
AUPE 66-50-50□□-□□	66	500	500	4.3

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUPE 88-16-16□□-□□	88	160	160	1.0
AUPE 88-16-20□□-□□	88	160	200	1.2
AUPE 88-16-25□□-□□	88	160	250	1.3
AUPE 88-16-30□□-□□	88	160	300	1.5
AUPE 88-16-36□□-□□	88	160	360	1.7
AUPE 88-16-43□□-□□	88	160	430	2.0
AUPE 88-20-16□□-□□	88	200	160	1.2
AUPE 88-20-20□□-□□	88	200	200	1.3
AUPE 88-20-25□□-□□	88	200	250	1.5
AUPE 88-20-30□□-□□	88	200	300	1.7
AUPE 88-20-36□□-□□	88	200	360	1.9
AUPE 88-20-43□□-□□	88	200	430	2.2
AUPE 88-25-16□□-□□	88	250	160	1.3
AUPE 88-25-20□□-□□	88	250	200	1.5
AUPE 88-25-25□□-□□	88	250	250	1.7
AUPE 88-25-30□□-□□	88	250	300	1.9
AUPE 88-25-36□□-□□	88	250	360	2.2
AUPE 88-25-43□□-□□	88	250	430	2.5
AUPE 88-30-16□□-□□	88	300	160	1.5
AUPE 88-30-20□□-□□	88	300	200	1.7
AUPE 88-30-25□□-□□	88	300	250	1.9
AUPE 88-30-30□□-□□	88	300	300	2.2
AUPE 88-30-36□□-□□	88	300	360	2.5
AUPE 88-30-43□□-□□	88	300	430	2.9
AUPE 88-30-50□□-□□	88	300	500	3.2
AUPE 88-36-16□□-□□	88	360	160	1.7
AUPE 88-36-20□□-□□	88	360	200	1.9
AUPE 88-36-25□□-□□	88	360	250	2.2
AUPE 88-36-30□□-□□	88	360	300	2.5
AUPE 88-36-36□□-□□	88	360	360	2.8
AUPE 88-36-43□□-□□	88	360	430	3.2
AUPE 88-36-50□□-□□	88	360	500	3.6
AUPE 88-43-16□□-□□	88	430	160	2.0
AUPE 88-43-20□□-□□	88	430	200	2.2
AUPE 88-43-25□□-□□	88	430	250	2.6
AUPE 88-43-30□□-□□	88	430	300	2.9
AUPE 88-43-36□□-□□	88	430	360	3.3
AUPE 88-43-43□□-□□	88	430	430	3.7
AUPE 88-43-50□□-□□	88	430	500	4.1
AUPE 88-50-30□□-□□	88	500	300	3.2
AUPE 88-50-36□□-□□	88	500	360	3.6
AUPE 88-50-43□□-□□	88	500	430	4.1
AUPE 88-50-50□□-□□	88	500	500	4.6
NEW AUPE 99-16-16□□-□□	99	160	160	1.0
NEW AUPE 99-16-20□□-□□	99	160	200	1.1
NEW AUPE 99-16-25□□-□□	99	160	250	1.3
NEW AUPE 99-16-30□□-□□	99	160	300	1.5
NEW AUPE 99-16-36□□-□□	99	160	360	1.7
NEW AUPE 99-16-43□□-□□	99	160	430	2.0
NEW AUPE 99-20-16□□-□□	99	200	160	1.1
NEW AUPE 99-20-20□□-□□	99	200	200	1.3
NEW AUPE 99-20-25□□-□□	99	200	250	1.5
NEW AUPE 99-20-30□□-□□	99	200	300	1.7
NEW AUPE 99-20-36□□-□□	99	200	360	1.9
NEW AUPE 99-20-43□□-□□	99	200	430	2.3
NEW AUPE 99-25-16□□-□□	99	250	160	1.3
NEW AUPE 99-25-20□□-□□	99	250	200	1.5
NEW AUPE 99-25-25□□-□□	99	250	250	1.7
NEW AUPE 99-25-30□□-□□	99	250	300	2.0
NEW AUPE 99-25-36□□-□□	99	250	360	2.2
NEW AUPE 99-25-43□□-□□	99	250	430	2.6
NEW AUPE 99-30-16□□-□□	99	300	160	1.5
NEW AUPE 99-30-20□□-□□	99	300	200	1.7
NEW AUPE 99-30-25□□-□□	99	300	250	2.0
NEW AUPE 99-30-30□□-□□	99	300	300	2.2

Product no.	H	W	D	Weight (kg)
NEW AUPE 99-30-36□□-□□	99	300	360	2.5
NEW AUPE 99-30-43□□-□□	99	300	430	2.9
NEW AUPE 99-30-50□□-□□	99	300	500	3.3
NEW AUPE 99-36-16□□-□□	99	360	160	1.7
NEW AUPE 99-36-20□□-□□	99	360	200	1.9
NEW AUPE 99-36-25□□-□□	99	360	250	2.2
NEW AUPE 99-36-30□□-□□	99	360	300	2.5
NEW AUPE 99-36-36□□-□□	99	360	360	2.9
NEW AUPE 99-36-43□□-□□	99	360	430	3.3
NEW AUPE 99-36-50□□-□□	99	360	500	3.7
NEW AUPE 99-43-16□□-□□	99	430	160	2.0
NEW AUPE 99-43-20□□-□□	99	430	200	2.3
NEW AUPE 99-43-25□□-□□	99	430	250	2.6
NEW AUPE 99-43-30□□-□□	99	430	300	2.9
NEW AUPE 99-43-36□□-□□	99	430	360	3.3
NEW AUPE 99-43-43□□-□□	99	430	430	3.7
NEW AUPE 99-43-50□□-□□	99	430	500	4.2
NEW AUPE 99-50-30□□-□□	99	500	300	3.3
NEW AUPE 99-50-36□□-□□	99	500	360	3.7
NEW AUPE 99-50-43□□-□□	99	500	430	4.2
NEW AUPE 99-50-50□□-□□	99	500	500	4.7
NEW AUPE115-16-16□□-□□	115	160	160	1.1
NEW AUPE115-16-20□□-□□	115	160	200	1.2
NEW AUPE115-16-25□□-□□	115	160	250	1.4
NEW AUPE115-16-30□□-□□	115	160	300	1.6
NEW AUPE115-16-36□□-□□	115	160	360	1.8
NEW AUPE115-16-43□□-□□	115	160	430	2.1
NEW AUPE115-20-16□□-□□	115	200	160	1.2
NEW AUPE115-20-20□□-□□	115	200	200	1.4
NEW AUPE115-20-25□□-□□	115	200	250	1.6
NEW AUPE115-20-30□□-□□	115	200	300	1.8
NEW AUPE115-20-36□□-□□	115	200	360	2.1
NEW AUPE115-20-43□□-□□	115	200	430	2.4
NEW AUPE115-25-16□□-□□	115	250	160	1.4
NEW AUPE115-25-20□□-□□	115	250	200	1.6
NEW AUPE115-25-25□□-□□	115	250	250	1.8
NEW AUPE115-25-30□□-□□	115	250	300	2.1
NEW AUPE115-25-36□□-□□	115	250	360	2.4
NEW AUPE115-25-43□□-□□	115	250	430	2.7
NEW AUPE115-30-16□□-□□	115	300	160	1.6
NEW AUPE115-30-20□□-□□	115	300	200	1.8
NEW AUPE115-30-25□□-□□	115	300	250	2.1
NEW AUPE115-30-30□□-□□	115	300	300	2.3
NEW AUPE115-30-36□□-□□	115	300	360	2.7
NEW AUPE115-30-43□□-□□	115	300	430	3.1
NEW AUPE115-30-50□□-□□	115	300	500	3.4
NEW AUPE115-36-16□□-□□	115	360	160	1.8
NEW AUPE115-36-20□□-□□	115	360	200	2.1
NEW AUPE115-36-25□□-□□	115	360	250	2.4
NEW AUPE115-36-30□□-□□	115	360	300	2.7
NEW AUPE115-36-36□□-□□	115	360	360	3.0
NEW AUPE115-36-43□□-□□	115	360	430	3.5
NEW AUPE115-36-50□□-□□	115	360	500	3.9
NEW AUPE115-43-16□□-□□	115	430	160	2.1
NEW AUPE115-43-20□□-□□	115	430	200	2.4
NEW AUPE115-43-25□□-□□	115	430	250	2.7
NEW AUPE115-43-30□□-□□	115	430	300	3.1
NEW AUPE115-43-36□□-□□	115	430	360	3.5
NEW AUPE115-43-43□□-□□	115	430	430	3.9
NEW AUPE115-43-50□□-□□	115	430	500	4.4
NEW AUPE115-50-30□□-□□	115	500	300	3.4
NEW AUPE115-50-36□□-□□	115	500	360	3.9
NEW AUPE115-50-43□□-□□	115	500	430	4.4
NEW AUPE115-50-50□□-□□	115	500	500	4.9

Product no. / Details

Product no.	H	W	D	Weight (kg)
AUPE133-16-16□□-□□	132.5	160	160	1.3
AUPE133-16-20□□-□□	132.5	160	200	1.4
AUPE133-16-25□□-□□	132.5	160	250	1.7
AUPE133-16-30□□-□□	132.5	160	300	1.9
AUPE133-16-36□□-□□	132.5	160	360	2.1
AUPE133-16-43□□-□□	132.5	160	430	2.5
AUPE133-20-16□□-□□	132.5	200	160	1.4
AUPE133-20-20□□-□□	132.5	200	200	1.6
AUPE133-20-25□□-□□	132.5	200	250	1.9
AUPE133-20-30□□-□□	132.5	200	300	2.1
AUPE133-20-36□□-□□	132.5	200	360	2.4
AUPE133-20-43□□-□□	132.5	200	430	2.7
AUPE133-25-16□□-□□	132.5	250	160	1.6
AUPE133-25-20□□-□□	132.5	250	200	1.8
AUPE133-25-25□□-□□	132.5	250	250	2.1
AUPE133-25-30□□-□□	132.5	250	300	2.4
AUPE133-25-36□□-□□	132.5	250	360	2.7
AUPE133-25-43□□-□□	132.5	250	430	3.1
AUPE133-30-16□□-□□	132.5	300	160	1.8
AUPE133-30-20□□-□□	132.5	300	200	2.1
AUPE133-30-25□□-□□	132.5	300	250	2.3
AUPE133-30-30□□-□□	132.5	300	300	2.6
AUPE133-30-36□□-□□	132.5	300	360	3.0
AUPE133-30-43□□-□□	132.5	300	430	3.4
AUPE133-30-50□□-□□	132.5	300	500	3.8
AUPE133-36-16□□-□□	132.5	360	160	2.1
AUPE133-36-20□□-□□	132.5	360	200	2.3
AUPE133-36-25□□-□□	132.5	360	250	2.6
AUPE133-36-30□□-□□	132.5	360	300	3.0
AUPE133-36-36□□-□□	132.5	360	360	3.4
AUPE133-36-43□□-□□	132.5	360	430	3.8
AUPE133-36-50□□-□□	132.5	360	500	4.3
AUPE133-43-16□□-□□	132.5	430	160	2.4
AUPE133-43-20□□-□□	132.5	430	200	2.7
AUPE133-43-25□□-□□	132.5	430	250	3.0
AUPE133-43-30□□-□□	132.5	430	300	3.4
AUPE133-43-36□□-□□	132.5	430	360	3.8
AUPE133-43-43□□-□□	132.5	430	430	4.3
AUPE133-43-50□□-□□	132.5	430	500	4.8
AUPE133-50-30□□-□□	132.5	500	300	3.8
AUPE133-50-36□□-□□	132.5	500	360	4.2
AUPE133-50-43□□-□□	132.5	500	430	4.8
AUPE133-50-50□□-□□	132.5	500	500	5.4
NEW AUPE149-16-16□□-□□	149	160	160	1.3
NEW AUPE149-16-20□□-□□	149	160	200	1.5
NEW AUPE149-16-25□□-□□	149	160	250	1.7
NEW AUPE149-16-30□□-□□	149	160	300	1.9
NEW AUPE149-16-36□□-□□	149	160	360	2.2
NEW AUPE149-16-43□□-□□	149	160	430	2.6
NEW AUPE149-20-16□□-□□	149	200	160	1.4
NEW AUPE149-20-20□□-□□	149	200	200	1.6
NEW AUPE149-20-25□□-□□	149	200	250	1.9
NEW AUPE149-20-30□□-□□	149	200	300	2.2
NEW AUPE149-20-36□□-□□	149	200	360	2.5
NEW AUPE149-20-43□□-□□	149	200	430	2.8
NEW AUPE149-25-16□□-□□	149	250	160	1.7
NEW AUPE149-25-20□□-□□	149	250	200	1.9
NEW AUPE149-25-25□□-□□	149	250	250	2.2
NEW AUPE149-25-30□□-□□	149	250	300	2.4
NEW AUPE149-25-36□□-□□	149	250	360	2.8
NEW AUPE149-25-43□□-□□	149	250	430	3.2
NEW AUPE149-30-16□□-□□	149	300	160	1.9
NEW AUPE149-30-20□□-□□	149	300	200	2.1
NEW AUPE149-30-25□□-□□	149	300	250	2.4
NEW AUPE149-30-30□□-□□	149	300	300	2.7

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUPE149-30-36□□-□□	149	300	360	3.1
NEW AUPE149-30-43□□-□□	149	300	430	3.5
NEW AUPE149-30-50□□-□□	149	300	500	4.0
NEW AUPE149-36-16□□-□□	149	360	160	2.1
NEW AUPE149-36-20□□-□□	149	360	200	2.4
NEW AUPE149-36-25□□-□□	149	360	250	2.7
NEW AUPE149-36-30□□-□□	149	360	300	3.1
NEW AUPE149-36-36□□-□□	149	360	360	3.5
NEW AUPE149-36-43□□-□□	149	360	430	4.0
NEW AUPE149-36-50□□-□□	149	360	500	4.4
NEW AUPE149-43-16□□-□□	149	430	160	2.4
NEW AUPE149-43-20□□-□□	149	430	200	2.7
NEW AUPE149-43-25□□-□□	149	430	250	3.1
NEW AUPE149-43-30□□-□□	149	430	300	3.5
NEW AUPE149-43-36□□-□□	149	430	360	3.9
NEW AUPE149-43-43□□-□□	149	430	430	4.5
NEW AUPE149-43-50□□-□□	149	430	500	5.0
NEW AUPE149-50-30□□-□□	149	500	300	3.9
NEW AUPE149-50-36□□-□□	149	500	360	4.4
NEW AUPE149-50-43□□-□□	149	500	430	4.9
NEW AUPE149-50-50□□-□□	149	500	500	5.5
AUPE177-16-16□□-□□	177	160	160	1.4
AUPE177-16-20□□-□□	177	160	200	1.6
AUPE177-16-25□□-□□	177	160	250	1.9
AUPE177-16-30□□-□□	177	160	300	2.1
AUPE177-16-36□□-□□	177	160	360	2.4
AUPE177-16-43□□-□□	177	160	430	2.8
AUPE177-20-16□□-□□	177	200	160	1.6
AUPE177-20-20□□-□□	177	200	200	1.8
AUPE177-20-25□□-□□	177	200	250	2.1
AUPE177-20-30□□-□□	177	200	300	2.4
AUPE177-20-36□□-□□	177	200	360	2.7
AUPE177-20-43□□-□□	177	200	430	3.1
AUPE177-25-16□□-□□	177	250	160	1.8
AUPE177-25-20□□-□□	177	250	200	2.1
AUPE177-25-25□□-□□	177	250	250	2.4
AUPE177-25-30□□-□□	177	250	300	2.7
AUPE177-25-36□□-□□	177	250	360	3.0
AUPE177-25-43□□-□□	177	250	430	3.5
AUPE177-30-16□□-□□	177	300	160	2.0
AUPE177-30-20□□-□□	177	300	200	2.3
AUPE177-30-25□□-□□	177	300	250	2.6
AUPE177-30-30□□-□□	177	300	300	3.0
AUPE177-30-36□□-□□	177	300	360	3.4
AUPE177-30-43□□-□□	177	300	430	3.8
AUPE177-30-50□□-□□	177	300	500	4.3
AUPE177-36-16□□-□□	177	360	160	2.3
AUPE177-36-20□□-□□	177	360	200	2.6
AUPE177-36-25□□-□□	177	360	250	3.0
AUPE177-36-30□□-□□	177	360	300	3.3
AUPE177-36-36□□-□□	177	360	360	3.8
AUPE177-36-43□□-□□	177	360	430	4.3
AUPE177-36-50□□-□□	177	360	500	4.8
AUPE177-43-16□□-□□	177	430	160	2.7
AUPE177-43-20□□-□□	177	430	200	3.0
AUPE177-43-25□□-□□	177	430	250	3.4
AUPE177-43-30□□-□□	177	430	300	3.8
AUPE177-43-36□□-□□	177	430	360	4.2
AUPE177-43-43□□-□□	177	430	430	4.8
AUPE177-43-50□□-□□	177	430	500	5.4
AUPE177-50-30□□-□□	177	500	300	4.2
AUPE177-50-36□□-□□	177	500	360	4.7
AUPE177-50-43□□-□□	177	500	430	5.3
AUPE177-50-50□□-□□	177	500	500	5.9

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUPE222-16-16□□-□□	221.5	161	161	1.7
NEW AUPE222-16-20□□-□□	221.5	161	201	1.9
NEW AUPE222-16-25□□-□□	221.5	161	251	2.2
NEW AUPE222-16-30□□-□□	221.5	161	301	2.5
NEW AUPE222-16-36□□-□□	221.5	161	361	2.8
NEW AUPE222-16-43□□-□□	221.5	161	431	3.3
NEW AUPE222-20-16□□-□□	221.5	201	161	1.9
NEW AUPE222-20-20□□-□□	221.5	201	201	2.1
NEW AUPE222-20-25□□-□□	221.5	201	251	2.4
NEW AUPE222-20-30□□-□□	221.5	201	301	2.7
NEW AUPE222-20-36□□-□□	221.5	201	361	3.1
NEW AUPE222-20-43□□-□□	221.5	201	431	3.6
NEW AUPE222-25-16□□-□□	221.5	251	161	2.1
NEW AUPE222-25-20□□-□□	221.5	251	201	2.4
NEW AUPE222-25-25□□-□□	221.5	251	251	2.7
NEW AUPE222-25-30□□-□□	221.5	251	301	3.1
NEW AUPE222-25-36□□-□□	221.5	251	361	3.5
NEW AUPE222-25-43□□-□□	221.5	251	431	4.0
NEW AUPE222-30-16□□-□□	221.5	301	161	2.4
NEW AUPE222-30-20□□-□□	221.5	301	201	2.6
NEW AUPE222-30-25□□-□□	221.5	301	251	3.0
NEW AUPE222-30-30□□-□□	221.5	301	301	3.4
NEW AUPE222-30-36□□-□□	221.5	301	361	3.8
NEW AUPE222-30-43□□-□□	221.5	301	431	4.3
NEW AUPE222-30-50□□-□□	221.5	301	501	4.9
NEW AUPE222-36-16□□-□□	221.5	361	161	2.6
NEW AUPE222-36-20□□-□□	221.5	361	201	3.0
NEW AUPE222-36-25□□-□□	221.5	361	251	3.4
NEW AUPE222-36-30□□-□□	221.5	361	301	3.8
NEW AUPE222-36-36□□-□□	221.5	361	361	4.2
NEW AUPE222-36-43□□-□□	221.5	361	431	4.8
NEW AUPE222-36-50□□-□□	221.5	361	501	5.4
NEW AUPE222-43-16□□-□□	221.5	431	161	3.0
NEW AUPE222-43-20□□-□□	221.5	431	201	3.4
NEW AUPE222-43-25□□-□□	221.5	431	251	3.8
NEW AUPE222-43-30□□-□□	221.5	431	301	4.2
NEW AUPE222-43-36□□-□□	221.5	431	361	4.8
NEW AUPE222-43-43□□-□□	221.5	431	431	5.4
NEW AUPE222-43-50□□-□□	221.5	431	501	6.0
NEW AUPE222-50-30□□-□□	221.5	501	301	4.7
NEW AUPE222-50-36□□-□□	221.5	501	361	5.3
NEW AUPE222-50-43□□-□□	221.5	501	431	5.9
NEW AUPE222-50-50□□-□□	221.5	501	501	6.6

Product no.	H	W	D	Weight (kg)
NEW AUPE266-16-16□□-□□	265.9	161	161	2.0
NEW AUPE266-16-20□□-□□	265.9	161	201	2.3
NEW AUPE266-16-25□□-□□	265.9	161	251	2.6
NEW AUPE266-16-30□□-□□	265.9	161	301	3.0
NEW AUPE266-16-36□□-□□	265.9	161	361	3.4
NEW AUPE266-16-43□□-□□	265.9	161	431	3.9
NEW AUPE266-20-16□□-□□	265.9	201	161	2.2
NEW AUPE266-20-20□□-□□	265.9	201	201	2.5
NEW AUPE266-20-25□□-□□	265.9	201	251	2.9
NEW AUPE266-20-30□□-□□	265.9	201	301	3.3
NEW AUPE266-20-36□□-□□	265.9	201	361	3.7
NEW AUPE266-20-43□□-□□	265.9	201	431	4.3
NEW AUPE266-25-16□□-□□	265.9	251	161	2.5
NEW AUPE266-25-20□□-□□	265.9	251	201	2.8
NEW AUPE266-25-25□□-□□	265.9	251	251	3.2
NEW AUPE266-25-30□□-□□	265.9	251	301	3.6
NEW AUPE266-25-36□□-□□	265.9	251	361	4.1
NEW AUPE266-25-43□□-□□	265.9	251	431	4.7
NEW AUPE266-30-16□□-□□	265.9	301	161	2.7
NEW AUPE266-30-20□□-□□	265.9	301	201	3.1
NEW AUPE266-30-25□□-□□	265.9	301	251	3.5
NEW AUPE266-30-30□□-□□	265.9	301	301	3.9
NEW AUPE266-30-36□□-□□	265.9	301	361	4.5
NEW AUPE266-30-43□□-□□	265.9	301	431	5.1
NEW AUPE266-30-50□□-□□	265.9	301	501	5.7
NEW AUPE266-36-16□□-□□	265.9	361	161	3.0
NEW AUPE266-36-20□□-□□	265.9	361	201	3.4
NEW AUPE266-36-25□□-□□	265.9	361	251	3.9
NEW AUPE266-36-30□□-□□	265.9	361	301	4.4
NEW AUPE266-36-36□□-□□	265.9	361	361	4.9
NEW AUPE266-36-43□□-□□	265.9	361	431	5.6
NEW AUPE266-36-50□□-□□	265.9	361	501	6.2
NEW AUPE266-43-16□□-□□	265.9	431	161	3.5
NEW AUPE266-43-20□□-□□	265.9	431	201	3.9
NEW AUPE266-43-25□□-□□	265.9	431	251	4.4
NEW AUPE266-43-30□□-□□	265.9	431	301	4.9
NEW AUPE266-43-36□□-□□	265.9	431	361	5.5
NEW AUPE266-43-43□□-□□	265.9	431	431	6.2
NEW AUPE266-43-50□□-□□	265.9	431	501	6.9
NEW AUPE266-50-30□□-□□	265.9	501	301	5.3
NEW AUPE266-50-36□□-□□	265.9	501	361	6.0
NEW AUPE266-50-43□□-□□	265.9	501	431	6.8
NEW AUPE266-50-50□□-□□	265.9	501	501	7.5



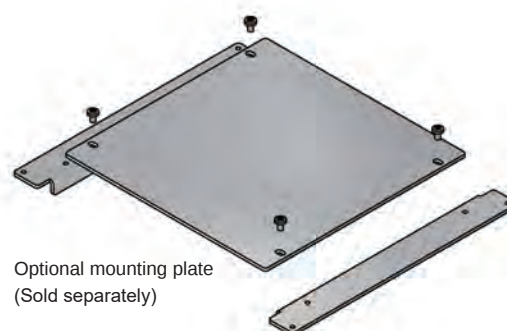
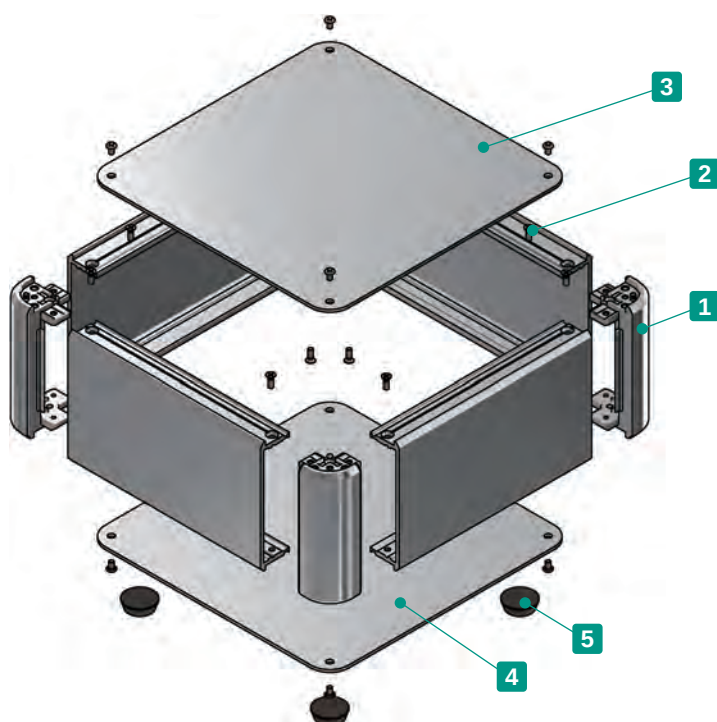
- Round corner designed aluminium control box with 4 extruded aluminium frames.
- A large selection of 270 different sizes and 4 colors to choose from.
- Aluminium control box is suitable for use as industrial controller, machine controller, audio amplifier, power supply, and more.
- Feet is selectable from adhesive rubber and aluminium types.

Included screws

- Top / Bottom cover
M3-5 original trapezoid head (plus / hex) &
Nickel plated / Black trivalent chromate x 8-16 pcs
- Frame
M3-8 flat head & Nickel plated x 16 pcs
- Aluminium feet
M4-8 bind head & Black trivalent chromate x 4 pcs

Recommended torque : $0.3 \sim 0.6 \text{ N} \cdot \text{m}$

* Recommended torque listed is for reference only; actual may differ
Assemble after testing torque.



Optional mounting plate
(Sold separately)

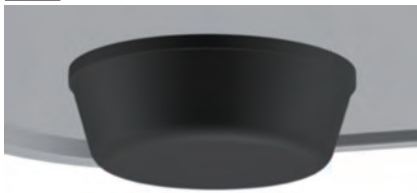
Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	4	Extruded aluminium A6063S-T5	Silver • Black / Anodized
3	Top cover	1	Aluminium A1100P	Silver • Black / Anodized
4	Bottom cover	1	Aluminium A1100P	Silver • Black / Anodized
5	Adhesive Rubber feet : Aluminium feet	4	Synthetic rubber : Aluminium	Black : Silver • Black / Anodized

To select Feet, Screw, and Color, follow steps **1** ~ **3** to determine product number.

1 Feet

R Rubber (Black)



A Aluminium (Silver / Anodized)
(Black / Anodized)



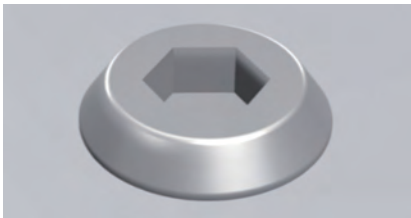
*Color of "Aluminium Feet" will be the same as bottom cover color.

2 Screw

P Plus (Silver / Nickel plated)
(Black / Black trivalent chromate)



H Hex (Silver / Nickel plated)
(Black / Black trivalent chromate)



Hex wrench included.

3 Color

Please choose from the color combinations listed below.

S S



S B



B X



B B



Product Number

To determine a product number, fill H-W-D dimensions and select Feet, Screw, and Color code in the following blank boxes.

AUX - - - **1 Feet 2 Screw 3 Color**
 H-W-D dimensions **R or A P or H SS • SB • BX • BB**
 See page 264-266 for dimensions and product no.

Numbering example :

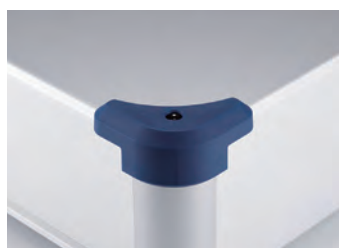
If looking at "H66 x W250 x D250mm, Feet type R, Screw type H, Color type BX"

➔ **AUX 66-25-25 RH-BX**

Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294



Corner guard AUCG series
See page 294



Elastomer carrying handle FM200
See website



Aluminium handle OH series
See website



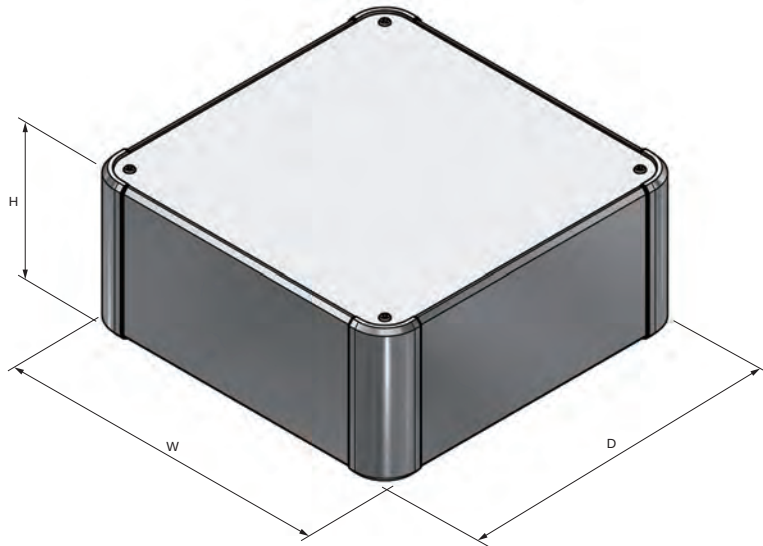
Wall mount support arm MAR series
See page 273 ~ 274

APPLICATION EXAMPLE

Operation panel



AUX dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

■ Feet is selectable from adhesive rubber and aluminium types.
※Rubber and aluminium feet height are different.

Rubber Feet



Aluminium Feet



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUX 44-16-16□□-□□	44	160	160	0.7
AUX 44-20-16□□-□□	44	200	160	0.8
AUX 44-20-20□□-□□	44	200	200	0.9
AUX 44-25-16□□-□□	44	250	160	1.0
AUX 44-25-20□□-□□	44	250	200	1.1
AUX 44-25-25□□-□□	44	250	250	1.3
AUX 44-30-16□□-□□	44	300	160	1.1
AUX 44-30-20□□-□□	44	300	200	1.3
AUX 44-30-25□□-□□	44	300	250	1.5
AUX 44-30-30□□-□□	44	300	300	1.7
AUX 44-36-16□□-□□	44	360	160	1.3
AUX 44-36-20□□-□□	44	360	200	1.5
AUX 44-36-25□□-□□	44	360	250	1.7
AUX 44-36-30□□-□□	44	360	300	2.0
AUX 44-36-36□□-□□	44	360	360	2.2
AUX 44-43-16□□-□□	44	430	160	1.5
AUX 44-43-20□□-□□	44	430	200	1.7
AUX 44-43-25□□-□□	44	430	250	2.0
AUX 44-43-30□□-□□	44	430	300	2.3
AUX 44-43-36□□-□□	44	430	360	2.6
AUX 44-43-43□□-□□	44	430	430	3.0
AUX 44-50-30□□-□□	44	500	300	2.6
AUX 44-50-36□□-□□	44	500	360	3.0
AUX 44-50-43□□-□□	44	500	430	3.4
AUX 44-50-50□□-□□	44	500	500	3.9
AUX 44-60-36□□-□□	44	600	360	3.5
AUX 44-60-43□□-□□	44	600	430	4.0

Product no.	H	W	D	Weight (kg)
AUX 66-16-16□□-□□	66	160	160	0.9
AUX 66-20-16□□-□□	66	200	160	1.0
AUX 66-20-20□□-□□	66	200	200	1.1
AUX 66-25-16□□-□□	66	250	160	1.2
AUX 66-25-20□□-□□	66	250	200	1.3
AUX 66-25-25□□-□□	66	250	250	1.5
AUX 66-30-16□□-□□	66	300	160	1.3
AUX 66-30-20□□-□□	66	300	200	1.5
AUX 66-30-25□□-□□	66	300	250	1.7
AUX 66-30-30□□-□□	66	300	300	2.0
AUX 66-36-16□□-□□	66	360	160	1.4
AUX 66-36-20□□-□□	66	360	200	1.7
AUX 66-36-25□□-□□	66	360	250	2.0
AUX 66-36-30□□-□□	66	360	300	2.2
AUX 66-36-36□□-□□	66	360	360	2.6
AUX 66-43-16□□-□□	66	430	160	1.7
AUX 66-43-20□□-□□	66	430	200	2.0
AUX 66-43-25□□-□□	66	430	250	2.3
AUX 66-43-30□□-□□	66	430	300	2.6
AUX 66-43-36□□-□□	66	430	360	3.0
AUX 66-43-43□□-□□	66	430	430	3.4
AUX 66-50-30□□-□□	66	500	300	2.9
AUX 66-50-36□□-□□	66	500	360	3.3
AUX 66-50-43□□-□□	66	500	430	3.8
AUX 66-50-50□□-□□	66	500	500	4.3
AUX 66-60-36□□-□□	66	600	360	3.8
AUX 66-60-43□□-□□	66	600	430	4.4

Product no. / Details

Product no.	H	W	D	Weight (kg)
AUX 88-16-16□□-□□	88	160	160	1.0
AUX 88-20-16□□-□□	88	200	160	1.1
AUX 88-20-20□□-□□	88	200	200	1.3
AUX 88-25-16□□-□□	88	250	160	1.3
AUX 88-25-20□□-□□	88	250	200	1.5
AUX 88-25-25□□-□□	88	250	250	1.7
AUX 88-30-16□□-□□	88	300	160	1.5
AUX 88-30-20□□-□□	88	300	200	1.7
AUX 88-30-25□□-□□	88	300	250	1.9
AUX 88-30-30□□-□□	88	300	300	2.2
AUX 88-36-16□□-□□	88	360	160	1.6
AUX 88-36-20□□-□□	88	360	200	1.9
AUX 88-36-25□□-□□	88	360	250	2.2
AUX 88-36-30□□-□□	88	360	300	2.4
AUX 88-36-36□□-□□	88	360	360	2.8
AUX 88-43-16□□-□□	88	430	160	1.9
AUX 88-43-20□□-□□	88	430	200	2.2
AUX 88-43-25□□-□□	88	430	250	2.5
AUX 88-43-30□□-□□	88	430	300	2.8
AUX 88-43-36□□-□□	88	430	360	3.2
AUX 88-43-43□□-□□	88	430	430	3.6
AUX 88-50-30□□-□□	88	500	300	3.2
AUX 88-50-36□□-□□	88	500	360	3.6
AUX 88-50-43□□-□□	88	500	430	4.1
AUX 88-50-50□□-□□	88	500	500	4.6
AUX 88-60-36□□-□□	88	600	360	4.1
AUX 88-60-43□□-□□	88	600	430	4.7
NEW AUX 99-16-16□□-□□	99	160	160	1.0
NEW AUX 99-20-16□□-□□	99	200	160	1.1
NEW AUX 99-20-20□□-□□	99	200	200	1.3
NEW AUX 99-25-16□□-□□	99	250	160	1.3
NEW AUX 99-25-20□□-□□	99	250	200	1.5
NEW AUX 99-25-25□□-□□	99	250	250	1.7
NEW AUX 99-30-16□□-□□	99	300	160	1.5
NEW AUX 99-30-20□□-□□	99	300	200	1.7
NEW AUX 99-30-25□□-□□	99	300	250	1.9
NEW AUX 99-30-30□□-□□	99	300	300	2.2
NEW AUX 99-36-16□□-□□	99	360	160	1.7
NEW AUX 99-36-20□□-□□	99	360	200	1.9
NEW AUX 99-36-25□□-□□	99	360	250	2.2
NEW AUX 99-36-30□□-□□	99	360	300	2.5
NEW AUX 99-36-36□□-□□	99	360	360	2.8
NEW AUX 99-43-16□□-□□	99	430	160	2.0
NEW AUX 99-43-20□□-□□	99	430	200	2.2
NEW AUX 99-43-25□□-□□	99	430	250	2.5
NEW AUX 99-43-30□□-□□	99	430	300	2.9
NEW AUX 99-43-36□□-□□	99	430	360	3.3
NEW AUX 99-43-43□□-□□	99	430	430	3.7
NEW AUX 99-50-30□□-□□	99	500	300	3.2
NEW AUX 99-50-36□□-□□	99	500	360	3.7
NEW AUX 99-50-43□□-□□	99	500	430	4.2
NEW AUX 99-50-50□□-□□	99	500	500	4.7
NEW AUX 99-60-36□□-□□	99	600	360	4.2
NEW AUX 99-60-43□□-□□	99	600	430	4.8

■ Please suffix color code at the end of the product number.

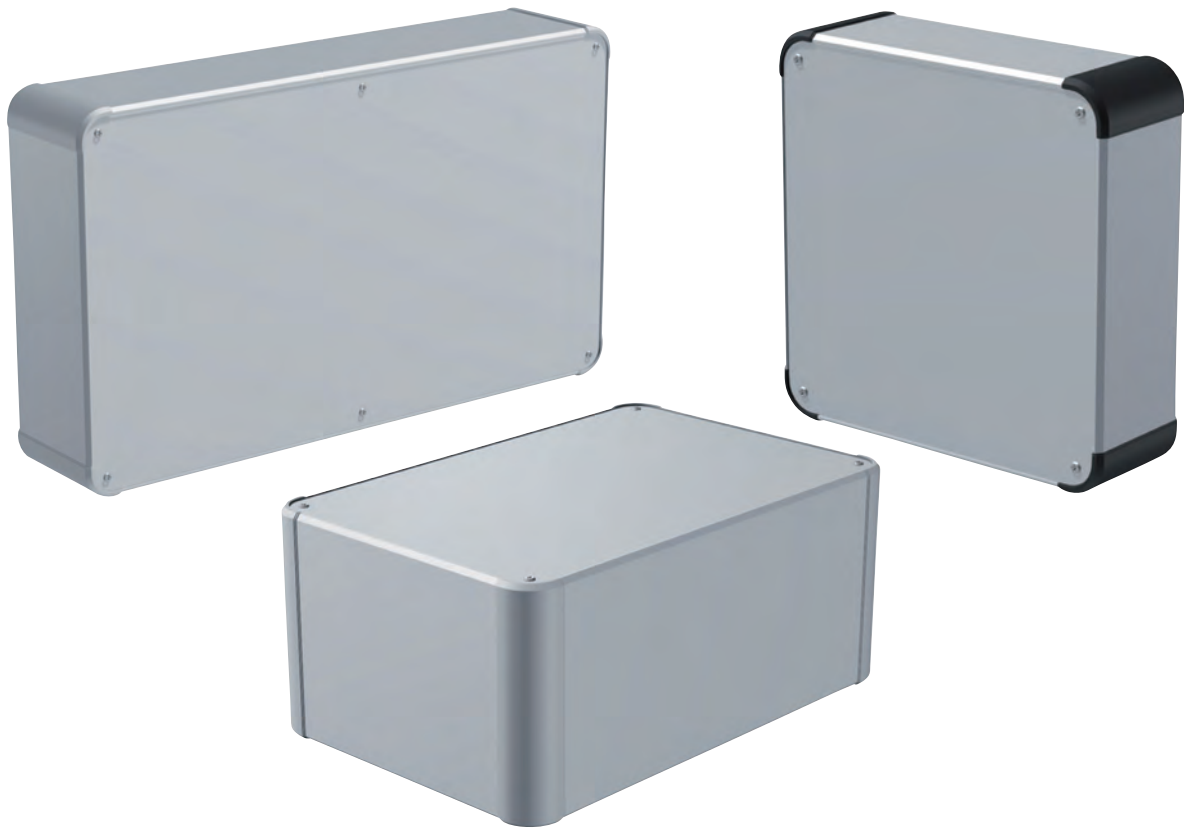
Product no.	H	W	D	Weight (kg)
NEW AUX115-16-16□□-□□	115	160	160	1.1
NEW AUX115-20-16□□-□□	115	200	160	1.2
NEW AUX115-20-20□□-□□	115	200	200	1.4
NEW AUX115-25-16□□-□□	115	250	160	1.4
NEW AUX115-25-20□□-□□	115	250	200	1.6
NEW AUX115-25-25□□-□□	115	250	250	1.8
NEW AUX115-30-16□□-□□	115	300	160	1.6
NEW AUX115-30-20□□-□□	115	300	200	1.8
NEW AUX115-30-25□□-□□	115	300	250	2.1
NEW AUX115-30-30□□-□□	115	300	300	2.3
NEW AUX115-36-16□□-□□	115	360	160	1.8
NEW AUX115-36-20□□-□□	115	360	200	2.0
NEW AUX115-36-25□□-□□	115	360	250	2.3
NEW AUX115-36-30□□-□□	115	360	300	2.6
NEW AUX115-36-36□□-□□	115	360	360	3.0
NEW AUX115-43-16□□-□□	115	430	160	2.1
NEW AUX115-43-20□□-□□	115	430	200	2.4
NEW AUX115-43-25□□-□□	115	430	250	2.7
NEW AUX115-43-30□□-□□	115	430	300	3.0
NEW AUX115-43-36□□-□□	115	430	360	3.4
NEW AUX115-43-43□□-□□	115	430	430	3.9
NEW AUX115-50-30□□-□□	115	500	300	3.4
NEW AUX115-50-36□□-□□	115	500	360	3.9
NEW AUX115-50-43□□-□□	115	500	430	4.4
NEW AUX115-50-50□□-□□	115	500	500	4.9
NEW AUX115-60-36□□-□□	115	600	360	4.4
NEW AUX115-60-43□□-□□	115	600	430	5.0
AUX133-16-16□□-□□	132.5	160	160	1.3
AUX133-20-16□□-□□	132.5	200	160	1.5
AUX133-20-20□□-□□	132.5	200	200	1.7
AUX133-25-16□□-□□	132.5	250	160	1.7
AUX133-25-20□□-□□	132.5	250	200	1.9
AUX133-25-25□□-□□	132.5	250	250	2.2
AUX133-30-16□□-□□	132.5	300	160	1.9
AUX133-30-20□□-□□	132.5	300	200	2.1
AUX133-30-25□□-□□	132.5	300	250	2.4
AUX133-30-30□□-□□	132.5	300	300	2.7
AUX133-36-16□□-□□	132.5	360	160	2.2
AUX133-36-20□□-□□	132.5	360	200	2.4
AUX133-36-25□□-□□	132.5	360	250	2.7
AUX133-36-30□□-□□	132.5	360	300	3.1
AUX133-36-36□□-□□	132.5	360	360	3.4
AUX133-43-16□□-□□	132.5	430	160	2.5
AUX133-43-20□□-□□	132.5	430	200	2.8
AUX133-43-25□□-□□	132.5	430	250	3.1
AUX133-43-30□□-□□	132.5	430	300	3.5
AUX133-43-36□□-□□	132.5	430	360	3.9
AUX133-43-43□□-□□	132.5	430	430	4.4
AUX133-50-30□□-□□	132.5	500	300	3.9
AUX133-50-36□□-□□	132.5	500	360	4.4
AUX133-50-43□□-□□	132.5	500	430	4.9
AUX133-50-50□□-□□	132.5	500	500	5.5
AUX133-60-36□□-□□	132.5	600	360	5.0
AUX133-60-43□□-□□	132.5	600	430	5.7

Product no. / Details

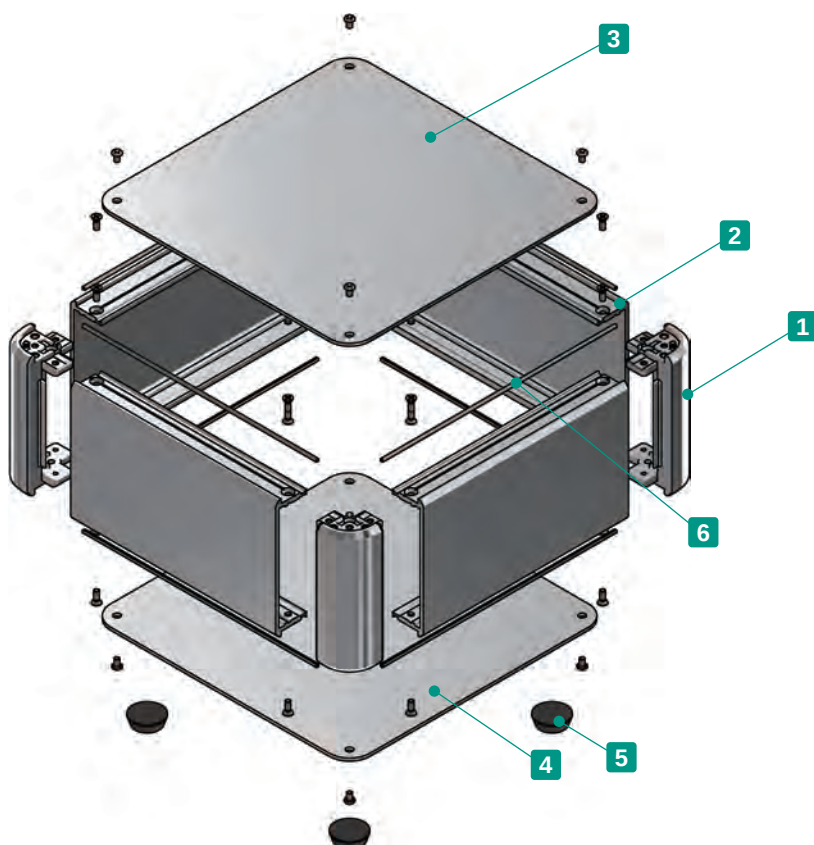
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUX149-16-16□□-□□	149	160	160	1.3
NEW AUX149-20-16□□-□□	149	200	160	1.5
NEW AUX149-20-20□□-□□	149	200	200	1.7
NEW AUX149-25-16□□-□□	149	250	160	1.7
NEW AUX149-25-20□□-□□	149	250	200	1.9
NEW AUX149-25-25□□-□□	149	250	250	2.2
NEW AUX149-30-16□□-□□	149	300	160	2.0
NEW AUX149-30-20□□-□□	149	300	200	2.2
NEW AUX149-30-25□□-□□	149	300	250	2.5
NEW AUX149-30-30□□-□□	149	300	300	2.8
NEW AUX149-36-16□□-□□	149	360	160	2.2
NEW AUX149-36-20□□-□□	149	360	200	2.5
NEW AUX149-36-25□□-□□	149	360	250	2.8
NEW AUX149-36-30□□-□□	149	360	300	3.2
NEW AUX149-36-36□□-□□	149	360	360	3.6
NEW AUX149-43-16□□-□□	149	430	160	2.6
NEW AUX149-43-20□□-□□	149	430	200	2.9
NEW AUX149-43-25□□-□□	149	430	250	3.3
NEW AUX149-43-30□□-□□	149	430	300	3.6
NEW AUX149-43-36□□-□□	149	430	360	4.1
NEW AUX149-43-43□□-□□	149	430	430	4.6
NEW AUX149-50-30□□-□□	149	500	300	4.1
NEW AUX149-50-36□□-□□	149	500	360	4.6
NEW AUX149-50-43□□-□□	149	500	430	5.1
NEW AUX149-50-50□□-□□	149	500	500	5.7
NEW AUX149-60-36□□-□□	149	600	360	5.2
NEW AUX149-60-43□□-□□	149	600	430	5.9
AUX177-16-16□□-□□	177	160	160	1.5
AUX177-20-16□□-□□	177	200	160	1.7
AUX177-20-20□□-□□	177	200	200	1.9
AUX177-25-16□□-□□	177	250	160	1.9
AUX177-25-20□□-□□	177	250	200	2.2
AUX177-25-25□□-□□	177	250	250	2.5
AUX177-30-16□□-□□	177	300	160	2.2
AUX177-30-20□□-□□	177	300	200	2.4
AUX177-30-25□□-□□	177	300	250	2.8
AUX177-30-30□□-□□	177	300	300	3.1
AUX177-36-16□□-□□	177	360	160	2.5
AUX177-36-20□□-□□	177	360	200	2.8
AUX177-36-25□□-□□	177	360	250	3.1
AUX177-36-30□□-□□	177	360	300	3.5
AUX177-36-36□□-□□	177	360	360	3.9
AUX177-43-16□□-□□	177	430	160	2.9
AUX177-43-20□□-□□	177	430	200	3.2
AUX177-43-25□□-□□	177	430	250	3.6
AUX177-43-30□□-□□	177	430	300	4.0
AUX177-43-36□□-□□	177	430	360	4.5
AUX177-43-43□□-□□	177	430	430	5.0
AUX177-50-30□□-□□	177	500	300	4.4
AUX177-50-36□□-□□	177	500	360	5.0
AUX177-50-43□□-□□	177	500	430	5.6
AUX177-50-50□□-□□	177	500	500	6.2
AUX177-60-36□□-□□	177	600	360	5.7
AUX177-60-43□□-□□	177	600	430	6.4

Product no.	H	W	D	Weight (kg)
NEW AUX222-16-16□□-□□	221.5	161	161	1.7
NEW AUX222-20-16□□-□□	221.5	201	161	2.0
NEW AUX222-20-20□□-□□	221.5	201	201	2.2
NEW AUX222-25-16□□-□□	221.5	251	161	2.3
NEW AUX222-25-20□□-□□	221.5	251	201	2.5
NEW AUX222-25-25□□-□□	221.5	251	251	2.9
NEW AUX222-30-16□□-□□	221.5	301	161	2.5
NEW AUX222-30-20□□-□□	221.5	301	201	2.8
NEW AUX222-30-25□□-□□	221.5	301	251	3.2
NEW AUX222-30-30□□-□□	221.5	301	301	3.6
NEW AUX222-36-16□□-□□	221.5	361	161	2.9
NEW AUX222-36-20□□-□□	221.5	361	201	3.2
NEW AUX222-36-25□□-□□	221.5	361	251	3.6
NEW AUX222-36-30□□-□□	221.5	361	301	4.0
NEW AUX222-36-36□□-□□	221.5	361	361	4.5
NEW AUX222-43-16□□-□□	221.5	431	161	3.3
NEW AUX222-43-20□□-□□	221.5	431	201	3.7
NEW AUX222-43-25□□-□□	221.5	431	251	4.1
NEW AUX222-43-30□□-□□	221.5	431	301	4.5
NEW AUX222-43-36□□-□□	221.5	431	361	5.1
NEW AUX222-43-43□□-□□	221.5	431	431	5.7
NEW AUX222-50-30□□-□□	221.5	501	301	5.0
NEW AUX222-50-36□□-□□	221.5	501	361	5.6
NEW AUX222-50-43□□-□□	221.5	501	431	6.3
NEW AUX222-50-50□□-□□	221.5	501	501	6.9
NEW AUX222-60-36□□-□□	221.5	601	361	6.4
NEW AUX222-60-43□□-□□	221.5	601	431	7.1
NEW AUX266-16-16□□-□□	265.9	161	161	2.1
NEW AUX266-20-16□□-□□	265.9	201	161	2.4
NEW AUX266-20-20□□-□□	265.9	201	201	2.7
NEW AUX266-25-16□□-□□	265.9	251	161	2.8
NEW AUX266-25-20□□-□□	265.9	251	201	3.1
NEW AUX266-25-25□□-□□	265.9	251	251	3.5
NEW AUX266-30-16□□-□□	265.9	301	161	3.1
NEW AUX266-30-20□□-□□	265.9	301	201	3.5
NEW AUX266-30-25□□-□□	265.9	301	251	3.9
NEW AUX266-30-30□□-□□	265.9	301	301	4.4
NEW AUX266-36-16□□-□□	265.9	361	161	3.6
NEW AUX266-36-20□□-□□	265.9	361	201	4.0
NEW AUX266-36-25□□-□□	265.9	361	251	4.4
NEW AUX266-36-30□□-□□	265.9	361	301	4.9
NEW AUX266-36-36□□-□□	265.9	361	361	5.4
NEW AUX266-43-16□□-□□	265.9	431	161	4.1
NEW AUX266-43-20□□-□□	265.9	431	201	4.5
NEW AUX266-43-25□□-□□	265.9	431	251	5.0
NEW AUX266-43-30□□-□□	265.9	431	301	5.5
NEW AUX266-43-36□□-□□	265.9	431	361	6.1
NEW AUX266-43-43□□-□□	265.9	431	431	6.8
NEW AUX266-50-30□□-□□	265.9	501	301	6.1
NEW AUX266-50-36□□-□□	265.9	501	361	6.8
NEW AUX266-50-43□□-□□	265.9	501	431	7.5
NEW AUX266-50-50□□-□□	265.9	501	501	8.3
NEW AUX266-60-36□□-□□	265.9	601	361	7.7
NEW AUX266-60-43□□-□□	265.9	601	431	8.5

EMC
Shielding

- Round corner designed aluminium enclosure with 4 extruded aluminium frames.
- Shielding gasket allows the enclosure to be EMC shielded.
- A large selection of 270 different sizes and 2 colors to choose from.
- Feet is selectable from adhesive rubber and aluminium types.



Included screws

- Top / Bottom cover
M3-5 original trapezoid head (plus / hex) & Nickel plated x 8~16 pcs
- Frame
M3-8 flat head & Nickel plated x 16 pcs
- Aluminium feet
M4-8 bind head & Black trivalent chromate x 4 pcs

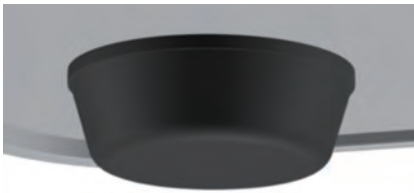
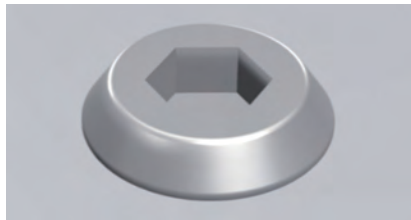
Recommended torque : 0.3 ~ 0.6N • m

* Recommended torque listed is for reference only; actual may differ.
Assemble after testing torque.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	4	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
3	Top cover	1	Aluminium A1100P	Silver / Painted (Conductive inside)
4	Bottom cover	1	Aluminium A1100P	Silver / Painted (Conductive inside)
5	Adhesive Rubber feet : Aluminium feet	4	Synthetic rubber : Aluminium	Black : Silver / Anodized
6	EMC shielding gasket	8	Conductive fiber UL94V-0	Metallic gray

To select Feet, Screw, and Color, follow steps **1** ~ **3** to determine product number.

1 Feet**R Rubber** (Black)**A Aluminium** (Silver / Anodized)**2 Screw****P Plus** (Silver / Nickel plated)**H Hex** (Silver / Nickel plated)

Hex wrench included.

3 Color

Please choose from the color combinations listed below.

S S**S B**

Product Number

To determine a product number, fill H-W-D dimensions and select Feet, Screw, and Color code in the following blank boxes.

AUXE

- - -

H-W-D dimensions

1 Feet 2 Screw

3 Color

See page 270~272 for dimensions and product no.

R or A P or H

SS or SB

Numbering example :

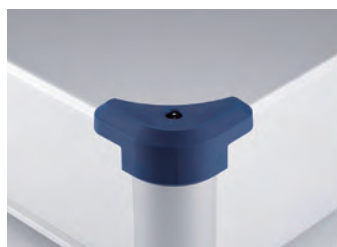
If looking at "H132.5 x W300 x D300mm, Feet type R, Screw type P, Color type SB"

➔ **AUXE 133-30-30 RP-SB**

Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294



Corner guard AUCG series
See page 294



Elastomer carrying handle FM200
See website

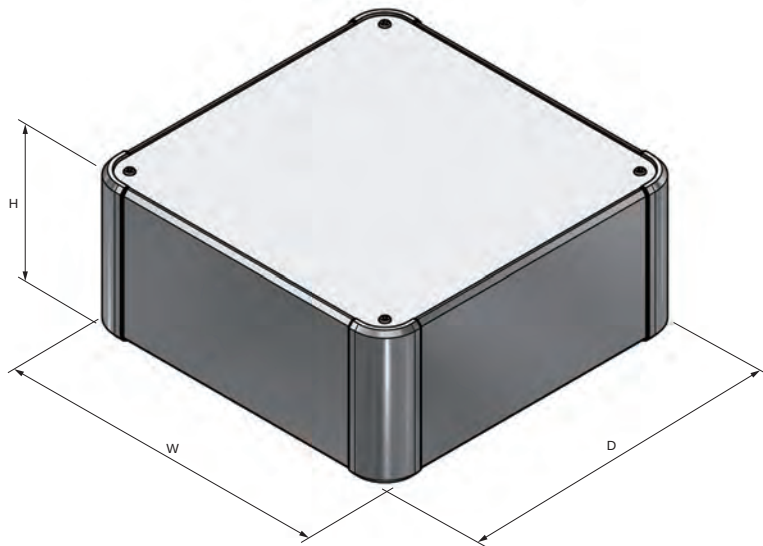


Aluminium handle OH series
See website



Wall mount support arm MAR series
See page 273 ~ 274

AUXE dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

■ Feet is selectable from adhesive rubber and aluminium types.
※Rubber and aluminium feet height are different.

Rubber Feet



Aluminium Feet



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUXE 44-16-16□□-□□	44	160	160	0.7
AUXE 44-20-16□□-□□	44	200	160	0.8
AUXE 44-20-20□□-□□	44	200	200	0.9
AUXE 44-25-16□□-□□	44	250	160	1.0
AUXE 44-25-20□□-□□	44	250	200	1.1
AUXE 44-25-25□□-□□	44	250	250	1.3
AUXE 44-30-16□□-□□	44	300	160	1.1
AUXE 44-30-20□□-□□	44	300	200	1.3
AUXE 44-30-25□□-□□	44	300	250	1.5
AUXE 44-30-30□□-□□	44	300	300	1.7
AUXE 44-36-16□□-□□	44	360	160	1.2
AUXE 44-36-20□□-□□	44	360	200	1.5
AUXE 44-36-25□□-□□	44	360	250	1.7
AUXE 44-36-30□□-□□	44	360	300	2.0
AUXE 44-36-36□□-□□	44	360	360	2.3
AUXE 44-43-16□□-□□	44	430	160	1.5
AUXE 44-43-20□□-□□	44	430	200	1.7
AUXE 44-43-25□□-□□	44	430	250	2.0
AUXE 44-43-30□□-□□	44	430	300	2.3
AUXE 44-43-36□□-□□	44	430	360	2.6
AUXE 44-43-43□□-□□	44	430	430	3.0
AUXE 44-50-30□□-□□	44	500	300	2.6
AUXE 44-50-36□□-□□	44	500	360	3.0
AUXE 44-50-43□□-□□	44	500	430	3.4
AUXE 44-50-50□□-□□	44	500	500	3.9
AUXE 44-60-36□□-□□	44	600	360	3.5
AUXE 44-60-43□□-□□	44	600	430	4.0

Product no.	H	W	D	Weight (kg)
AUXE 66-16-16□□-□□	66	160	160	0.9
AUXE 66-20-16□□-□□	66	200	160	1.0
AUXE 66-20-20□□-□□	66	200	200	1.1
AUXE 66-25-16□□-□□	66	250	160	1.2
AUXE 66-25-20□□-□□	66	250	200	1.3
AUXE 66-25-25□□-□□	66	250	250	1.5
AUXE 66-30-16□□-□□	66	300	160	1.3
AUXE 66-30-20□□-□□	66	300	200	1.5
AUXE 66-30-25□□-□□	66	300	250	1.7
AUXE 66-30-30□□-□□	66	300	300	2.0
AUXE 66-36-16□□-□□	66	360	160	1.4
AUXE 66-36-20□□-□□	66	360	200	1.7
AUXE 66-36-25□□-□□	66	360	250	2.0
AUXE 66-36-30□□-□□	66	360	300	2.2
AUXE 66-36-36□□-□□	66	360	360	2.6
AUXE 66-43-16□□-□□	66	430	160	1.8
AUXE 66-43-20□□-□□	66	430	200	2.0
AUXE 66-43-25□□-□□	66	430	250	2.3
AUXE 66-43-30□□-□□	66	430	300	2.6
AUXE 66-43-36□□-□□	66	430	360	3.0
AUXE 66-43-43□□-□□	66	430	430	3.4
AUXE 66-50-30□□-□□	66	500	300	2.9
AUXE 66-50-36□□-□□	66	500	360	3.3
AUXE 66-50-43□□-□□	66	500	430	3.8
AUXE 66-50-50□□-□□	66	500	500	4.3
AUXE 66-60-36□□-□□	66	600	360	3.8
AUXE 66-60-43□□-□□	66	600	430	4.4

Product no. / Details

Product no.	H	W	D	Weight (kg)
AUXE 88-16-16□□-□□	88	160	160	1.0
AUXE 88-20-16□□-□□	88	200	160	1.1
AUXE 88-20-20□□-□□	88	200	200	1.3
AUXE 88-25-16□□-□□	88	250	160	1.3
AUXE 88-25-20□□-□□	88	250	200	1.5
AUXE 88-25-25□□-□□	88	250	250	1.7
AUXE 88-30-16□□-□□	88	300	160	1.5
AUXE 88-30-20□□-□□	88	300	200	1.7
AUXE 88-30-25□□-□□	88	300	250	1.9
AUXE 88-30-30□□-□□	88	300	300	2.2
AUXE 88-36-16□□-□□	88	360	160	1.6
AUXE 88-36-20□□-□□	88	360	200	1.9
AUXE 88-36-25□□-□□	88	360	250	2.2
AUXE 88-36-30□□-□□	88	360	300	2.4
AUXE 88-36-36□□-□□	88	360	360	2.8
AUXE 88-43-16□□-□□	88	430	160	1.9
AUXE 88-43-20□□-□□	88	430	200	2.2
AUXE 88-43-25□□-□□	88	430	250	2.5
AUXE 88-43-30□□-□□	88	430	300	2.8
AUXE 88-43-36□□-□□	88	430	360	3.2
AUXE 88-43-43□□-□□	88	430	430	3.6
AUXE 88-50-30□□-□□	88	500	300	3.2
AUXE 88-50-36□□-□□	88	500	360	3.6
AUXE 88-50-43□□-□□	88	500	430	4.1
AUXE 88-50-50□□-□□	88	500	500	4.6
AUXE 88-60-36□□-□□	88	600	360	4.1
AUXE 88-60-43□□-□□	88	600	430	4.7
NEW AUXE 99-16-16□□-□□	99	160	160	1.0
NEW AUXE 99-20-16□□-□□	99	200	160	1.1
NEW AUXE 99-20-20□□-□□	99	200	200	1.3
NEW AUXE 99-25-16□□-□□	99	250	160	1.3
NEW AUXE 99-25-20□□-□□	99	250	200	1.5
NEW AUXE 99-25-25□□-□□	99	250	250	1.7
NEW AUXE 99-30-16□□-□□	99	300	160	1.5
NEW AUXE 99-30-20□□-□□	99	300	200	1.7
NEW AUXE 99-30-25□□-□□	99	300	250	1.9
NEW AUXE 99-30-30□□-□□	99	300	300	2.2
NEW AUXE 99-36-16□□-□□	99	360	160	1.7
NEW AUXE 99-36-20□□-□□	99	360	200	1.9
NEW AUXE 99-36-25□□-□□	99	360	250	2.2
NEW AUXE 99-36-30□□-□□	99	360	300	2.5
NEW AUXE 99-36-36□□-□□	99	360	360	2.8
NEW AUXE 99-43-16□□-□□	99	430	160	2.0
NEW AUXE 99-43-20□□-□□	99	430	200	2.2
NEW AUXE 99-43-25□□-□□	99	430	250	2.5
NEW AUXE 99-43-30□□-□□	99	430	300	2.9
NEW AUXE 99-43-36□□-□□	99	430	360	3.3
NEW AUXE 99-43-43□□-□□	99	430	430	3.7
NEW AUXE 99-50-30□□-□□	99	500	300	3.2
NEW AUXE 99-50-36□□-□□	99	500	360	3.7
NEW AUXE 99-50-43□□-□□	99	500	430	4.2
NEW AUXE 99-50-50□□-□□	99	500	500	4.7
NEW AUXE 99-60-36□□-□□	99	600	360	4.2
NEW AUXE 99-60-43□□-□□	99	600	430	4.8

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUXE115-16-16□□-□□	115	160	160	1.1
NEW AUXE115-20-16□□-□□	115	200	160	1.2
NEW AUXE115-20-20□□-□□	115	200	200	1.4
NEW AUXE115-25-16□□-□□	115	250	160	1.4
NEW AUXE115-25-20□□-□□	115	250	200	1.6
NEW AUXE115-25-25□□-□□	115	250	250	1.8
NEW AUXE115-30-16□□-□□	115	300	160	1.6
NEW AUXE115-30-20□□-□□	115	300	200	1.8
NEW AUXE115-30-25□□-□□	115	300	250	2.1
NEW AUXE115-30-30□□-□□	115	300	300	2.3
NEW AUXE115-36-16□□-□□	115	360	160	1.8
NEW AUXE115-36-20□□-□□	115	360	200	2.0
NEW AUXE115-36-25□□-□□	115	360	250	2.3
NEW AUXE115-36-30□□-□□	115	360	300	2.6
NEW AUXE115-36-36□□-□□	115	360	360	3.0
NEW AUXE115-43-16□□-□□	115	430	160	2.1
NEW AUXE115-43-20□□-□□	115	430	200	2.4
NEW AUXE115-43-25□□-□□	115	430	250	2.7
NEW AUXE115-43-30□□-□□	115	430	300	3.0
NEW AUXE115-43-36□□-□□	115	430	360	3.4
NEW AUXE115-43-43□□-□□	115	430	430	3.9
NEW AUXE115-50-30□□-□□	115	500	300	3.4
NEW AUXE115-50-36□□-□□	115	500	360	3.9
NEW AUXE115-50-43□□-□□	115	500	430	4.4
NEW AUXE115-50-50□□-□□	115	500	500	4.9
NEW AUXE115-60-36□□-□□	115	600	360	4.5
NEW AUXE115-60-43□□-□□	115	600	430	5.0
AUXE133-16-16□□-□□	132.5	160	160	1.3
AUXE133-20-16□□-□□	132.5	200	160	1.5
AUXE133-20-20□□-□□	132.5	200	200	1.7
AUXE133-25-16□□-□□	132.5	250	160	1.7
AUXE133-25-20□□-□□	132.5	250	200	1.9
AUXE133-25-25□□-□□	132.5	250	250	2.2
AUXE133-30-16□□-□□	132.5	300	160	1.9
AUXE133-30-20□□-□□	132.5	300	200	2.1
AUXE133-30-25□□-□□	132.5	300	250	2.4
AUXE133-30-30□□-□□	132.5	300	300	2.7
AUXE133-36-16□□-□□	132.5	360	160	2.2
AUXE133-36-20□□-□□	132.5	360	200	2.4
AUXE133-36-25□□-□□	132.5	360	250	2.7
AUXE133-36-30□□-□□	132.5	360	300	3.1
AUXE133-36-36□□-□□	132.5	360	360	3.4
AUXE133-43-16□□-□□	132.5	430	160	2.5
AUXE133-43-20□□-□□	132.5	430	200	2.8
AUXE133-43-25□□-□□	132.5	430	250	3.1
AUXE133-43-30□□-□□	132.5	430	300	3.5
AUXE133-43-36□□-□□	132.5	430	360	3.9
AUXE133-43-43□□-□□	132.5	430	430	4.4
AUXE133-50-30□□-□□	132.5	500	300	3.9
AUXE133-50-36□□-□□	132.5	500	360	4.4
AUXE133-50-43□□-□□	132.5	500	430	4.9
AUXE133-50-50□□-□□	132.5	500	500	5.5
AUXE133-60-36□□-□□	132.5	600	360	5.0
AUXE133-60-43□□-□□	132.5	600	430	5.7

Product no. / Details

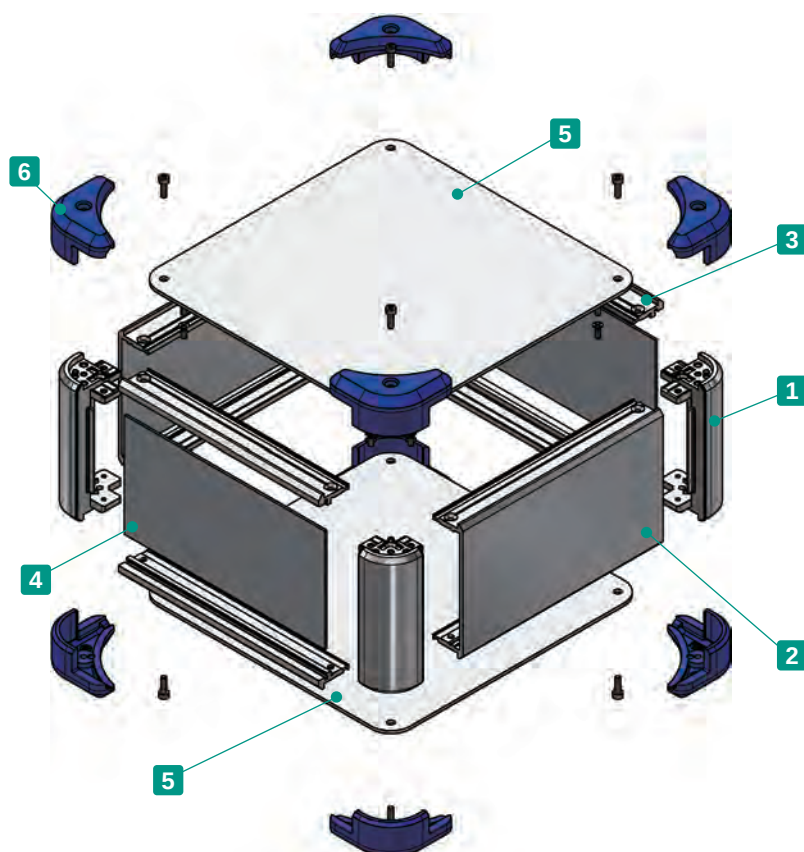
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUXE149-16-16□□-□□	149	160	160	1.3
NEW AUXE149-20-16□□-□□	149	200	160	1.5
NEW AUXE149-20-20□□-□□	149	200	200	1.7
NEW AUXE149-25-16□□-□□	149	250	160	1.7
NEW AUXE149-25-20□□-□□	149	250	200	2.0
NEW AUXE149-25-25□□-□□	149	250	250	2.2
NEW AUXE149-30-16□□-□□	149	300	160	2.0
NEW AUXE149-30-20□□-□□	149	300	200	2.2
NEW AUXE149-30-25□□-□□	149	300	250	2.5
NEW AUXE149-30-30□□-□□	149	300	300	2.8
NEW AUXE149-36-16□□-□□	149	360	160	2.2
NEW AUXE149-36-20□□-□□	149	360	200	2.5
NEW AUXE149-36-25□□-□□	149	360	250	2.8
NEW AUXE149-36-30□□-□□	149	360	300	3.2
NEW AUXE149-36-36□□-□□	149	360	360	3.6
NEW AUXE149-43-16□□-□□	149	430	160	2.6
NEW AUXE149-43-20□□-□□	149	430	200	2.9
NEW AUXE149-43-25□□-□□	149	430	250	3.3
NEW AUXE149-43-30□□-□□	149	430	300	3.6
NEW AUXE149-43-36□□-□□	149	430	360	4.1
NEW AUXE149-43-43□□-□□	149	430	430	4.6
NEW AUXE149-50-30□□-□□	149	500	300	4.1
NEW AUXE149-50-36□□-□□	149	500	360	4.6
NEW AUXE149-50-43□□-□□	149	500	430	5.1
NEW AUXE149-50-50□□-□□	149	500	500	5.7
NEW AUXE149-60-36□□-□□	149	600	360	5.2
NEW AUXE149-60-43□□-□□	149	600	430	5.9
AUXE177-16-16□□-□□	177	160	160	1.5
AUXE177-20-16□□-□□	177	200	160	1.7
AUXE177-20-20□□-□□	177	200	200	1.9
AUXE177-25-16□□-□□	177	250	160	1.9
AUXE177-25-20□□-□□	177	250	200	2.2
AUXE177-25-25□□-□□	177	250	250	2.5
AUXE177-30-16□□-□□	177	300	160	2.2
AUXE177-30-20□□-□□	177	300	200	2.4
AUXE177-30-25□□-□□	177	300	250	2.8
AUXE177-30-30□□-□□	177	300	300	3.1
AUXE177-36-16□□-□□	177	360	160	2.5
AUXE177-36-20□□-□□	177	360	200	2.8
AUXE177-36-25□□-□□	177	360	250	3.1
AUXE177-36-30□□-□□	177	360	300	3.5
AUXE177-36-36□□-□□	177	360	360	3.9
AUXE177-43-16□□-□□	177	430	160	2.9
AUXE177-43-20□□-□□	177	430	200	3.2
AUXE177-43-25□□-□□	177	430	250	3.6
AUXE177-43-30□□-□□	177	430	300	4.0
AUXE177-43-36□□-□□	177	430	360	4.5
AUXE177-43-43□□-□□	177	430	430	5.0
AUXE177-50-30□□-□□	177	500	300	4.4
AUXE177-50-36□□-□□	177	500	360	5.0
AUXE177-50-43□□-□□	177	500	430	5.6
AUXE177-50-50□□-□□	177	500	500	6.2
AUXE177-60-36□□-□□	177	600	360	5.7
AUXE177-60-43□□-□□	177	600	430	6.4

Product no.	H	W	D	Weight (kg)
NEW AUXE222-16-16□□-□□	221.5	161	161	1.7
NEW AUXE222-20-16□□-□□	221.5	201	161	2.0
NEW AUXE222-20-20□□-□□	221.5	201	201	2.2
NEW AUXE222-25-16□□-□□	221.5	251	161	2.3
NEW AUXE222-25-20□□-□□	221.5	251	201	2.5
NEW AUXE222-25-25□□-□□	221.5	251	251	2.9
NEW AUXE222-30-16□□-□□	221.5	301	161	2.6
NEW AUXE222-30-20□□-□□	221.5	301	201	2.8
NEW AUXE222-30-25□□-□□	221.5	301	251	3.2
NEW AUXE222-30-30□□-□□	221.5	301	301	3.6
NEW AUXE222-36-16□□-□□	221.5	361	161	2.9
NEW AUXE222-36-20□□-□□	221.5	361	201	3.2
NEW AUXE222-36-25□□-□□	221.5	361	251	3.6
NEW AUXE222-36-30□□-□□	221.5	361	301	4.0
NEW AUXE222-36-36□□-□□	221.5	361	361	4.5
NEW AUXE222-43-16□□-□□	221.5	431	161	3.3
NEW AUXE222-43-20□□-□□	221.5	431	201	3.7
NEW AUXE222-43-25□□-□□	221.5	431	251	4.1
NEW AUXE222-43-30□□-□□	221.5	431	301	4.5
NEW AUXE222-43-36□□-□□	221.5	431	361	5.1
NEW AUXE222-43-43□□-□□	221.5	431	431	5.7
NEW AUXE222-50-30□□-□□	221.5	501	301	5.1
NEW AUXE222-50-36□□-□□	221.5	501	361	5.6
NEW AUXE222-50-43□□-□□	221.5	501	431	6.3
NEW AUXE222-50-50□□-□□	221.5	501	501	6.9
NEW AUXE222-60-36□□-□□	221.5	601	361	6.4
NEW AUXE222-60-43□□-□□	221.5	601	431	7.1
NEW AUXE266-16-16□□-□□	265.9	161	161	2.2
NEW AUXE266-20-16□□-□□	265.9	201	161	2.4
NEW AUXE266-20-20□□-□□	265.9	201	201	2.7
NEW AUXE266-25-16□□-□□	265.9	251	161	2.8
NEW AUXE266-25-20□□-□□	265.9	251	201	3.1
NEW AUXE266-25-25□□-□□	265.9	251	251	3.5
NEW AUXE266-30-16□□-□□	265.9	301	161	3.2
NEW AUXE266-30-20□□-□□	265.9	301	201	3.5
NEW AUXE266-30-25□□-□□	265.9	301	251	3.9
NEW AUXE266-30-30□□-□□	265.9	301	301	4.4
NEW AUXE266-36-16□□-□□	265.9	361	161	3.6
NEW AUXE266-36-20□□-□□	265.9	361	201	4.0
NEW AUXE266-36-25□□-□□	265.9	361	251	4.4
NEW AUXE266-36-30□□-□□	265.9	361	301	4.9
NEW AUXE266-36-36□□-□□	265.9	361	361	5.4
NEW AUXE266-43-16□□-□□	265.9	431	161	4.1
NEW AUXE266-43-20□□-□□	265.9	431	201	4.5
NEW AUXE266-43-25□□-□□	265.9	431	251	5.0
NEW AUXE266-43-30□□-□□	265.9	431	301	5.5
NEW AUXE266-43-36□□-□□	265.9	431	361	6.1
NEW AUXE266-43-43□□-□□	265.9	431	431	6.8
NEW AUXE266-50-30□□-□□	265.9	501	301	6.1
NEW AUXE266-50-36□□-□□	265.9	501	361	6.8
NEW AUXE266-50-43□□-□□	265.9	501	431	7.5
NEW AUXE266-50-50□□-□□	265.9	501	501	8.3
NEW AUXE266-60-36□□-□□	265.9	601	361	7.7
NEW AUXE266-60-43□□-□□	265.9	601	431	8.5



- Rugged design aluminium enclosure with TPE (Elastomer) corner guards. Corner guards also act as non-slip rubber feet.
- A large selection of 430 different sizes to choose from.
- A total of 8 selectable color combinations with 4 corner guard colors - Black, Gray, Navy and Red - and 2 enclosure colors - Silver and Black anodized.
- Versatile aluminium case suitable for use as measuring instrument, controller, industrial embedded computer, power supply, audio amplifier, and more.



Included screws

- Top / Bottom cover (not applicable to some models)
M3-5 original trapezoid head (hex) &
Nickel plated / Black trivalent chromate x 4-8 pcs
- Frame / Panel support frame
M3-8 flat head & Nickel plated x 16 pcs
- Corner guard
M3-10 hex & Black trivalent chromate x 8 pcs
- * Hex wrench included.

Recommended torque : $\begin{cases} \text{M3-10 hex : } 0.2\text{N} \cdot \text{m} \\ \text{Other screws : } 0.3 \sim 0.6\text{N} \cdot \text{m} \end{cases}$

* Recommended torque listed is for reference only; actual may differ.
Assemble after testing torque.

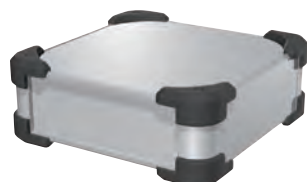
Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Panel support frame	4	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Panel	2	Aluminium A1100P	Silver • Black / Anodized
5	Top • bottom cover	2	Aluminium A1100P	Silver • Black / Anodized
6	Corner guard	8	TPE (Elastomer)	Black • Gray • Navy • Red

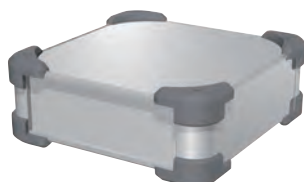
Color

Please choose from the color combinations listed below.

S B (Silver / Black)



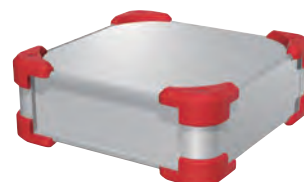
S G (Silver / Gray)



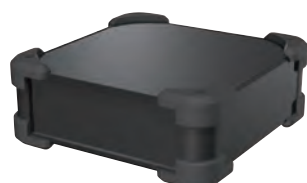
S N (Silver / Navy)



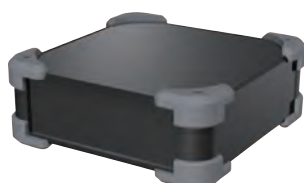
S R (Silver / Red)



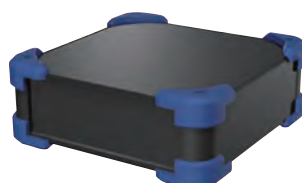
B B (Black / Black)



B G (Black / Gray)



B N (Black / Navy)



B R (Black / Red)



Product Number

To determine a product number, fill H-W-D dimensions and select Color code in the following blank boxes.

AUG



H-W-D dimensions

See page 277~280 for dimensions / product no.

Color

SB • SG • SN • SR
BB • BG • BN • BR

Numbering example :

If looking at "H100 x W308 x D208mm, Color type BR"

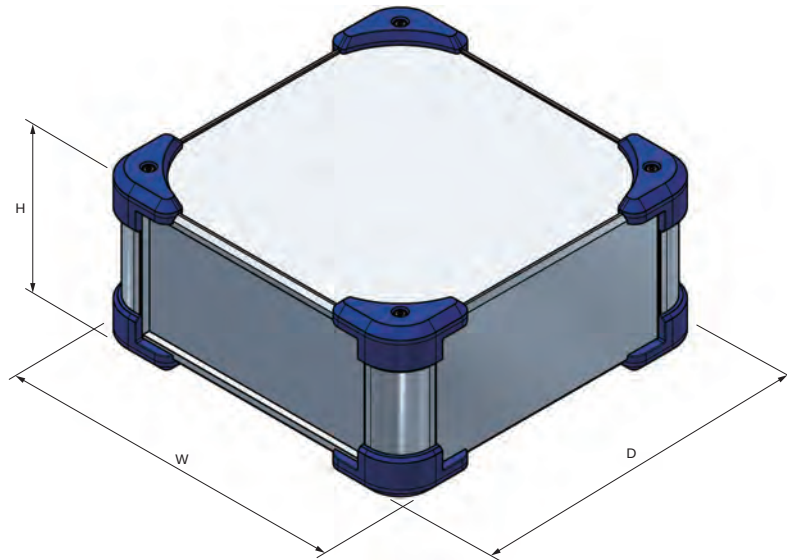
➔ AUG 88-30-20-BR

Accessories (Optional parts)

Mounting plate AUC series
See page 293 ~ 294Elastomer carrying handle FM200
See websiteTilt leg TLW series
See page 239

AUG dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUG 44-16-16-□□	56	168	168	0.7
AUG 44-16-20-□□	56	168	208	0.8
AUG 44-16-25-□□	56	168	258	1.0
AUG 44-16-30-□□	56	168	308	1.1
AUG 44-16-36-□□	56	168	368	1.3
AUG 44-16-43-□□	56	168	438	1.5
AUG 44-20-16-□□	56	208	168	0.8
AUG 44-20-20-□□	56	208	208	1.0
AUG 44-20-25-□□	56	208	258	1.1
AUG 44-20-30-□□	56	208	308	1.3
AUG 44-20-36-□□	56	208	368	1.5
AUG 44-20-43-□□	56	208	438	1.7
AUG 44-25-16-□□	56	258	168	1.0
AUG 44-25-20-□□	56	258	208	1.1
AUG 44-25-25-□□	56	258	258	1.3
AUG 44-25-30-□□	56	258	308	1.5
AUG 44-25-36-□□	56	258	368	1.7
AUG 44-25-43-□□	56	258	438	2.0
AUG 44-30-16-□□	56	308	168	1.1
AUG 44-30-20-□□	56	308	208	1.3
AUG 44-30-25-□□	56	308	258	1.5
AUG 44-30-30-□□	56	308	308	1.7
AUG 44-30-36-□□	56	308	368	2.0
AUG 44-30-43-□□	56	308	438	2.3
AUG 44-30-50-□□	56	308	508	2.6
AUG 44-36-16-□□	56	368	168	1.3
AUG 44-36-20-□□	56	368	208	1.5
AUG 44-36-25-□□	56	368	258	1.7
AUG 44-36-30-□□	56	368	308	2.0
AUG 44-36-36-□□	56	368	368	2.3
AUG 44-36-43-□□	56	368	438	2.7
AUG 44-36-50-□□	56	368	508	3.0
AUG 44-43-16-□□	56	438	168	1.5
AUG 44-43-20-□□	56	438	208	1.7
AUG 44-43-25-□□	56	438	258	2.0
AUG 44-43-30-□□	56	438	308	2.3
AUG 44-43-36-□□	56	438	368	2.6
AUG 44-43-43-□□	56	438	438	3.0
AUG 44-43-50-□□	56	438	508	3.4
AUG 44-50-30-□□	56	508	308	2.6
AUG 44-50-36-□□	56	508	368	3.0
AUG 44-50-43-□□	56	508	438	3.4
AUG 44-50-50-□□	56	508	508	3.9

Product no.	H	W	D	Weight (kg)
AUG 66-16-16-□□	78	168	168	0.9
AUG 66-16-20-□□	78	168	208	1.0
AUG 66-16-25-□□	78	168	258	1.2
AUG 66-16-30-□□	78	168	308	1.3
AUG 66-16-36-□□	78	168	368	1.5
AUG 66-16-43-□□	78	168	438	1.8
AUG 66-20-16-□□	78	208	168	1.0
AUG 66-20-20-□□	78	208	208	1.2
AUG 66-20-25-□□	78	208	258	1.3
AUG 66-20-30-□□	78	208	308	1.5
AUG 66-20-36-□□	78	208	368	1.7
AUG 66-20-43-□□	78	208	438	2.0
AUG 66-25-16-□□	78	258	168	1.2
AUG 66-25-20-□□	78	258	208	1.3
AUG 66-25-25-□□	78	258	258	1.5
AUG 66-25-30-□□	78	258	308	1.7
AUG 66-25-36-□□	78	258	368	2.0
AUG 66-25-43-□□	78	258	438	2.3
AUG 66-30-16-□□	78	308	168	1.3
AUG 66-30-20-□□	78	308	208	1.5
AUG 66-30-25-□□	78	308	258	1.7
AUG 66-30-30-□□	78	308	308	2.0
AUG 66-30-36-□□	78	308	368	2.2
AUG 66-30-43-□□	78	308	438	2.6
AUG 66-30-50-□□	78	308	508	2.9
AUG 66-36-16-□□	78	368	168	1.5
AUG 66-36-20-□□	78	368	208	1.7
AUG 66-36-25-□□	78	368	258	2.0
AUG 66-36-30-□□	78	368	308	2.2
AUG 66-36-36-□□	78	368	368	2.5
AUG 66-36-43-□□	78	368	438	2.9
AUG 66-36-50-□□	78	368	508	3.3
AUG 66-43-16-□□	78	438	168	1.7
AUG 66-43-20-□□	78	438	208	2.0
AUG 66-43-25-□□	78	438	258	2.3
AUG 66-43-30-□□	78	438	308	2.6
AUG 66-43-36-□□	78	438	368	2.9
AUG 66-43-43-□□	78	438	438	3.3
AUG 66-43-50-□□	78	438	508	3.8
AUG 66-50-30-□□	78	508	308	2.9
AUG 66-50-36-□□	78	508	368	3.3
AUG 66-50-43-□□	78	508	438	3.8
AUG 66-50-50-□□	78	508	508	4.2

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUG 88-16-16-□□	100	168	168	1.0
AUG 88-16-20-□□	100	168	208	1.1
AUG 88-16-25-□□	100	168	258	1.3
AUG 88-16-30-□□	100	168	308	1.5
AUG 88-16-36-□□	100	168	368	1.7
AUG 88-16-43-□□	100	168	438	1.9
AUG 88-20-16-□□	100	208	168	1.1
AUG 88-20-20-□□	100	208	208	1.3
AUG 88-20-25-□□	100	208	258	1.5
AUG 88-20-30-□□	100	208	308	1.7
AUG 88-20-36-□□	100	208	368	1.9
AUG 88-20-43-□□	100	208	438	2.2
AUG 88-25-16-□□	100	258	168	1.3
AUG 88-25-20-□□	100	258	208	1.5
AUG 88-25-25-□□	100	258	258	1.7
AUG 88-25-30-□□	100	258	308	1.9
AUG 88-25-36-□□	100	258	368	2.2
AUG 88-25-43-□□	100	258	438	2.5
AUG 88-30-16-□□	100	308	168	1.4
AUG 88-30-20-□□	100	308	208	1.6
AUG 88-30-25-□□	100	308	258	1.9
AUG 88-30-30-□□	100	308	308	2.1
AUG 88-30-36-□□	100	308	368	2.4
AUG 88-30-43-□□	100	308	438	2.8
AUG 88-30-50-□□	100	308	508	3.1
AUG 88-36-16-□□	100	368	168	1.6
AUG 88-36-20-□□	100	368	208	1.8
AUG 88-36-25-□□	100	368	258	2.1
AUG 88-36-30-□□	100	368	308	2.4
AUG 88-36-36-□□	100	368	368	2.7
AUG 88-36-43-□□	100	368	438	3.2
AUG 88-36-50-□□	100	368	508	3.5
AUG 88-43-16-□□	100	438	168	1.9
AUG 88-43-20-□□	100	438	208	2.1
AUG 88-43-25-□□	100	438	258	2.4
AUG 88-43-30-□□	100	438	308	2.8
AUG 88-43-36-□□	100	438	368	3.1
AUG 88-43-43-□□	100	438	438	3.6
AUG 88-43-50-□□	100	438	508	4.0
AUG 88-50-30-□□	100	508	308	3.1
AUG 88-50-36-□□	100	508	368	3.5
AUG 88-50-43-□□	100	508	438	4.0
AUG 88-50-50-□□	100	508	508	4.5
NEW AUG 99-16-16-□□	111	168	168	1.0
NEW AUG 99-16-20-□□	111	168	208	1.1
NEW AUG 99-16-25-□□	111	168	258	1.3
NEW AUG 99-16-30-□□	111	168	308	1.5
NEW AUG 99-16-36-□□	111	168	368	1.7
NEW AUG 99-16-43-□□	111	168	438	2.0
NEW AUG 99-20-16-□□	111	208	168	1.1
NEW AUG 99-20-20-□□	111	208	208	1.3
NEW AUG 99-20-25-□□	111	208	258	1.5
NEW AUG 99-20-30-□□	111	208	308	1.7
NEW AUG 99-20-36-□□	111	208	368	1.9
NEW AUG 99-20-43-□□	111	208	438	2.2
NEW AUG 99-25-16-□□	111	258	168	1.3
NEW AUG 99-25-20-□□	111	258	208	1.4
NEW AUG 99-25-25-□□	111	258	258	1.7
NEW AUG 99-25-30-□□	111	258	308	1.9
NEW AUG 99-25-36-□□	111	258	368	2.2
NEW AUG 99-25-43-□□	111	258	438	2.5
NEW AUG 99-30-16-□□	111	308	168	1.4
NEW AUG 99-30-20-□□	111	308	208	1.6
NEW AUG 99-30-25-□□	111	308	258	1.9
NEW AUG 99-30-30-□□	111	308	308	2.1

Product no.	H	W	D	Weight (kg)
NEW AUG 99-30-36-□□	111	308	368	2.4
NEW AUG 99-30-43-□□	111	308	438	2.8
NEW AUG 99-30-50-□□	111	308	508	3.2
NEW AUG 99-36-16-□□	111	368	168	1.6
NEW AUG 99-36-20-□□	111	368	208	1.8
NEW AUG 99-36-25-□□	111	368	258	2.1
NEW AUG 99-36-30-□□	111	368	308	2.4
NEW AUG 99-36-36-□□	111	368	368	2.8
NEW AUG 99-36-43-□□	111	368	438	3.2
NEW AUG 99-36-50-□□	111	368	508	3.6
NEW AUG 99-43-16-□□	111	438	168	1.9
NEW AUG 99-43-20-□□	111	438	208	2.1
NEW AUG 99-43-25-□□	111	438	258	2.5
NEW AUG 99-43-30-□□	111	438	308	2.8
NEW AUG 99-43-36-□□	111	438	368	3.2
NEW AUG 99-43-43-□□	111	438	438	3.6
NEW AUG 99-43-50-□□	111	438	508	4.1
NEW AUG 99-50-30-□□	111	508	308	3.1
NEW AUG 99-50-36-□□	111	508	368	3.5
NEW AUG 99-50-43-□□	111	508	438	4.0
NEW AUG 99-50-50-□□	111	508	508	4.5
NEW AUG115-16-16-□□	127	168	168	1.0
NEW AUG115-16-20-□□	127	168	208	1.2
NEW AUG115-16-25-□□	127	168	258	1.4
NEW AUG115-16-30-□□	127	168	308	1.6
NEW AUG115-16-36-□□	127	168	368	1.8
NEW AUG115-16-43-□□	127	168	438	2.1
NEW AUG115-20-16-□□	127	208	168	1.2
NEW AUG115-20-20-□□	127	208	208	1.4
NEW AUG115-20-25-□□	127	208	258	1.6
NEW AUG115-20-30-□□	127	208	308	1.8
NEW AUG115-20-36-□□	127	208	368	2.0
NEW AUG115-20-43-□□	127	208	438	2.3
NEW AUG115-25-16-□□	127	258	168	1.3
NEW AUG115-25-20-□□	127	258	208	1.5
NEW AUG115-25-25-□□	127	258	258	1.8
NEW AUG115-25-30-□□	127	258	308	2.0
NEW AUG115-25-36-□□	127	258	368	2.3
NEW AUG115-25-43-□□	127	258	438	2.7
NEW AUG115-30-16-□□	127	308	168	1.5
NEW AUG115-30-20-□□	127	308	208	1.7
NEW AUG115-30-25-□□	127	308	258	2.0
NEW AUG115-30-30-□□	127	308	308	2.3
NEW AUG115-30-36-□□	127	308	368	2.6
NEW AUG115-30-43-□□	127	308	438	3.0
NEW AUG115-30-50-□□	127	308	508	3.3
NEW AUG115-36-16-□□	127	368	168	1.7
NEW AUG115-36-20-□□	127	368	208	2.0
NEW AUG115-36-25-□□	127	368	258	2.2
NEW AUG115-36-30-□□	127	368	308	2.5
NEW AUG115-36-36-□□	127	368	368	2.9
NEW AUG115-36-43-□□	127	368	438	3.3
NEW AUG115-36-50-□□	127	368	508	3.8
NEW AUG115-43-16-□□	127	438	168	2.0
NEW AUG115-43-20-□□	127	438	208	2.2
NEW AUG115-43-25-□□	127	438	258	2.6
NEW AUG115-43-30-□□	127	438	308	2.9
NEW AUG115-43-36-□□	127	438	368	3.3
NEW AUG115-43-43-□□	127	438	438	3.8
NEW AUG115-43-50-□□	127	438	508	4.2
NEW AUG115-50-30-□□	127	508	308	3.3
NEW AUG115-50-36-□□	127	508	368	3.7
NEW AUG115-50-43-□□	127	508	438	4.2
NEW AUG115-50-50-□□	127	508	508	4.7

Product no. / Details

Product no.	H	W	D	Weight (kg)
AUG133-16-16-□□	144.5	168	168	1.2
AUG133-16-20-□□	144.5	168	208	1.4
AUG133-16-25-□□	144.5	168	258	1.6
AUG133-16-30-□□	144.5	168	308	1.8
AUG133-16-36-□□	144.5	168	368	2.1
AUG133-16-43-□□	144.5	168	438	2.4
AUG133-20-16-□□	144.5	208	168	1.4
AUG133-20-20-□□	144.5	208	208	1.6
AUG133-20-25-□□	144.5	208	258	1.8
AUG133-20-30-□□	144.5	208	308	2.0
AUG133-20-36-□□	144.5	208	368	2.3
AUG133-20-43-□□	144.5	208	438	2.7
AUG133-25-16-□□	144.5	258	168	1.5
AUG133-25-20-□□	144.5	258	208	1.8
AUG133-25-25-□□	144.5	258	258	2.0
AUG133-25-30-□□	144.5	258	308	2.3
AUG133-25-36-□□	144.5	258	368	2.6
AUG133-25-43-□□	144.5	258	438	3.0
AUG133-30-16-□□	144.5	308	168	1.7
AUG133-30-20-□□	144.5	308	208	2.0
AUG133-30-25-□□	144.5	308	258	2.2
AUG133-30-30-□□	144.5	308	308	2.5
AUG133-30-36-□□	144.5	308	368	2.9
AUG133-30-43-□□	144.5	308	438	3.3
AUG133-30-50-□□	144.5	308	508	3.7
AUG133-36-16-□□	144.5	368	168	1.9
AUG133-36-20-□□	144.5	368	208	2.2
AUG133-36-25-□□	144.5	368	258	2.5
AUG133-36-30-□□	144.5	368	308	2.8
AUG133-36-36-□□	144.5	368	368	3.2
AUG133-36-43-□□	144.5	368	438	3.7
AUG133-36-50-□□	144.5	368	508	4.2
AUG133-43-16-□□	144.5	438	168	2.2
AUG133-43-20-□□	144.5	438	208	2.5
AUG133-43-25-□□	144.5	438	258	2.9
AUG133-43-30-□□	144.5	438	308	3.2
AUG133-43-36-□□	144.5	438	368	3.6
AUG133-43-43-□□	144.5	438	438	4.2
AUG133-43-50-□□	144.5	438	508	4.7
AUG133-50-30-□□	144.5	508	308	3.6
AUG133-50-36-□□	144.5	508	368	4.0
AUG133-50-43-□□	144.5	508	438	4.6
AUG133-50-50-□□	144.5	508	508	5.2
NEW AUG149-16-16-□□	161	168	168	1.2
NEW AUG149-16-20-□□	161	168	208	1.4
NEW AUG149-16-25-□□	161	168	258	1.7
NEW AUG149-16-30-□□	161	168	308	1.9
NEW AUG149-16-36-□□	161	168	368	2.2
NEW AUG149-16-43-□□	161	168	438	2.5
NEW AUG149-20-16-□□	161	208	168	1.4
NEW AUG149-20-20-□□	161	208	208	1.6
NEW AUG149-20-25-□□	161	208	258	1.8
NEW AUG149-20-30-□□	161	208	308	2.1
NEW AUG149-20-36-□□	161	208	368	2.4
NEW AUG149-20-43-□□	161	208	438	2.8
NEW AUG149-25-16-□□	161	258	168	1.6
NEW AUG149-25-20-□□	161	258	208	1.8
NEW AUG149-25-25-□□	161	258	258	2.1
NEW AUG149-25-30-□□	161	258	308	2.3
NEW AUG149-25-36-□□	161	258	368	2.7
NEW AUG149-25-43-□□	161	258	438	3.1
NEW AUG149-30-16-□□	161	308	168	1.7
NEW AUG149-30-20-□□	161	308	208	2.0
NEW AUG149-30-25-□□	161	308	258	2.3
NEW AUG149-30-30-□□	161	308	308	2.6

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUG149-30-36-□□	161	308	368	3.0
NEW AUG149-30-43-□□	161	308	438	3.4
NEW AUG149-30-50-□□	161	308	508	3.9
NEW AUG149-36-16-□□	161	368	168	2.0
NEW AUG149-36-20-□□	161	368	208	2.2
NEW AUG149-36-25-□□	161	368	258	2.6
NEW AUG149-36-30-□□	161	368	308	2.9
NEW AUG149-36-36-□□	161	368	368	3.3
NEW AUG149-36-43-□□	161	368	438	3.8
NEW AUG149-36-50-□□	161	368	508	4.3
NEW AUG149-43-16-□□	161	438	168	2.2
NEW AUG149-43-20-□□	161	438	208	2.5
NEW AUG149-43-25-□□	161	438	258	2.9
NEW AUG149-43-30-□□	161	438	308	3.3
NEW AUG149-43-36-□□	161	438	368	3.7
NEW AUG149-43-43-□□	161	438	438	4.3
NEW AUG149-43-50-□□	161	438	508	4.8
NEW AUG149-50-30-□□	161	508	308	3.7
NEW AUG149-50-36-□□	161	508	368	4.1
NEW AUG149-50-43-□□	161	508	438	4.7
NEW AUG149-50-50-□□	161	508	508	5.3
AUG177-16-16-□□	189	168	168	1.4
AUG177-16-20-□□	189	168	208	1.6
AUG177-16-25-□□	189	168	258	1.8
AUG177-16-30-□□	189	168	308	2.1
AUG177-16-36-□□	189	168	368	2.4
AUG177-16-43-□□	189	168	438	2.8
AUG177-20-16-□□	189	208	168	1.5
AUG177-20-20-□□	189	208	208	1.8
AUG177-20-25-□□	189	208	258	2.0
AUG177-20-30-□□	189	208	308	2.3
AUG177-20-36-□□	189	208	368	2.6
AUG177-20-43-□□	189	208	438	3.0
AUG177-25-16-□□	189	258	168	1.7
AUG177-25-20-□□	189	258	208	2.0
AUG177-25-25-□□	189	258	258	2.3
AUG177-25-30-□□	189	258	308	2.6
AUG177-25-36-□□	189	258	368	2.9
AUG177-25-43-□□	189	258	438	3.4
AUG177-30-16-□□	189	308	168	1.9
AUG177-30-20-□□	189	308	208	2.2
AUG177-30-25-□□	189	308	258	2.5
AUG177-30-30-□□	189	308	308	2.8
AUG177-30-36-□□	189	308	368	3.2
AUG177-30-43-□□	189	308	438	3.7
AUG177-30-50-□□	189	308	508	4.2
AUG177-36-16-□□	189	368	168	2.1
AUG177-36-20-□□	189	368	208	2.4
AUG177-36-25-□□	189	368	258	2.8
AUG177-36-30-□□	189	368	308	3.2
AUG177-36-36-□□	189	368	368	3.6
AUG177-36-43-□□	189	368	438	4.1
AUG177-36-50-□□	189	368	508	4.6
AUG177-43-16-□□	189	438	168	2.4
AUG177-43-20-□□	189	438	208	2.8
AUG177-43-25-□□	189	438	258	3.2
AUG177-43-30-□□	189	438	308	3.6
AUG177-43-36-□□	189	438	368	4.0
AUG177-43-43-□□	189	438	438	4.6
AUG177-43-50-□□	189	438	508	5.1
AUG177-50-30-□□	189	508	308	3.9
AUG177-50-36-□□	189	508	368	4.5
AUG177-50-43-□□	189	508	438	5.1
AUG177-50-50-□□	189	508	508	5.7

Product no. / Details

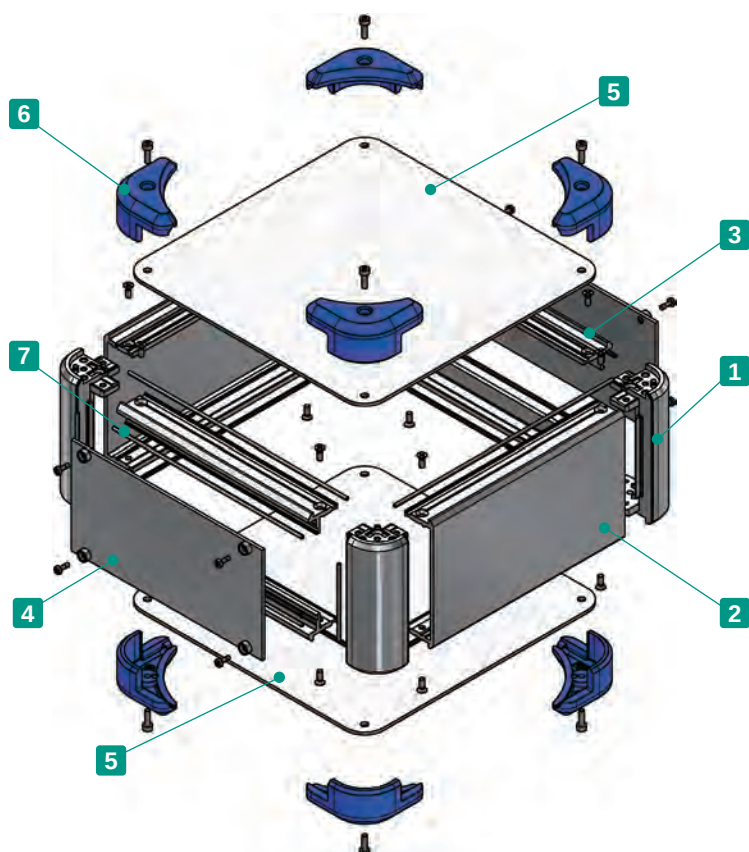
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUG222-16-16-□□	233.5	168	168	1.6
NEW AUG222-16-20-□□	233.5	168	208	1.8
NEW AUG222-16-25-□□	233.5	168	258	2.1
NEW AUG222-16-30-□□	233.5	168	308	2.4
NEW AUG222-16-36-□□	233.5	168	368	2.8
NEW AUG222-16-43-□□	233.5	168	438	3.2
NEW AUG222-20-16-□□	233.5	208	168	1.8
NEW AUG222-20-20-□□	233.5	208	208	2.0
NEW AUG222-20-25-□□	233.5	208	258	2.3
NEW AUG222-20-30-□□	233.5	208	308	2.6
NEW AUG222-20-36-□□	233.5	208	368	3.0
NEW AUG222-20-43-□□	233.5	208	438	3.5
NEW AUG222-25-16-□□	233.5	258	168	2.0
NEW AUG222-25-20-□□	233.5	258	208	2.3
NEW AUG222-25-25-□□	233.5	258	258	2.6
NEW AUG222-25-30-□□	233.5	258	308	2.9
NEW AUG222-25-36-□□	233.5	258	368	3.3
NEW AUG222-25-43-□□	233.5	258	438	3.8
NEW AUG222-30-16-□□	233.5	308	168	2.2
NEW AUG222-30-20-□□	233.5	308	208	2.5
NEW AUG222-30-25-□□	233.5	308	258	2.8
NEW AUG222-30-30-□□	233.5	308	308	3.2
NEW AUG222-30-36-□□	233.5	308	368	3.6
NEW AUG222-30-43-□□	233.5	308	438	4.2
NEW AUG222-30-50-□□	233.5	308	508	4.7
NEW AUG222-36-16-□□	233.5	368	168	2.4
NEW AUG222-36-20-□□	233.5	368	208	2.8
NEW AUG222-36-25-□□	233.5	368	258	3.2
NEW AUG222-36-30-□□	233.5	368	308	3.6
NEW AUG222-36-36-□□	233.5	368	368	4.0
NEW AUG222-36-43-□□	233.5	368	438	4.6
NEW AUG222-36-50-□□	233.5	368	508	5.2
NEW AUG222-43-16-□□	233.5	438	168	2.8
NEW AUG222-43-20-□□	233.5	438	208	3.1
NEW AUG222-43-25-□□	233.5	438	258	3.5
NEW AUG222-43-30-□□	233.5	438	308	4.0
NEW AUG222-43-36-□□	233.5	438	368	4.5
NEW AUG222-43-43-□□	233.5	438	438	5.1
NEW AUG222-43-50-□□	233.5	438	508	5.7
NEW AUG222-50-30-□□	233.5	508	308	4.4
NEW AUG222-50-36-□□	233.5	508	368	4.9
NEW AUG222-50-43-□□	233.5	508	438	5.6
NEW AUG222-50-50-□□	233.5	508	508	6.3

Product no.	H	W	D	Weight (kg)
NEW AUG266-16-16-□□	277.9	168	168	1.9
NEW AUG266-16-20-□□	277.9	168	208	2.2
NEW AUG266-16-25-□□	277.9	168	258	2.5
NEW AUG266-16-30-□□	277.9	168	308	2.9
NEW AUG266-16-36-□□	277.9	168	368	3.3
NEW AUG266-16-43-□□	277.9	168	438	3.9
NEW AUG266-20-16-□□	277.9	208	168	2.1
NEW AUG266-20-20-□□	277.9	208	208	2.4
NEW AUG266-20-25-□□	277.9	208	258	2.8
NEW AUG266-20-30-□□	277.9	208	308	3.1
NEW AUG266-20-36-□□	277.9	208	368	3.6
NEW AUG266-20-43-□□	277.9	208	438	4.2
NEW AUG266-25-16-□□	277.9	258	168	2.3
NEW AUG266-25-20-□□	277.9	258	208	2.6
NEW AUG266-25-25-□□	277.9	258	258	3.0
NEW AUG266-25-30-□□	277.9	258	308	3.4
NEW AUG266-25-36-□□	277.9	258	368	3.9
NEW AUG266-25-43-□□	277.9	258	438	4.5
NEW AUG266-30-16-□□	277.9	308	168	2.5
NEW AUG266-30-20-□□	277.9	308	208	2.9
NEW AUG266-30-25-□□	277.9	308	258	3.3
NEW AUG266-30-30-□□	277.9	308	308	3.7
NEW AUG266-30-36-□□	277.9	308	368	4.3
NEW AUG266-30-43-□□	277.9	308	438	4.9
NEW AUG266-30-50-□□	277.9	308	508	5.5
NEW AUG266-36-16-□□	277.9	368	168	2.8
NEW AUG266-36-20-□□	277.9	368	208	3.2
NEW AUG266-36-25-□□	277.9	368	258	3.6
NEW AUG266-36-30-□□	277.9	368	308	4.1
NEW AUG266-36-36-□□	277.9	368	368	4.7
NEW AUG266-36-43-□□	277.9	368	438	5.4
NEW AUG266-36-50-□□	277.9	368	508	6.0
NEW AUG266-43-16-□□	277.9	438	168	3.2
NEW AUG266-43-20-□□	277.9	438	208	3.6
NEW AUG266-43-25-□□	277.9	438	258	4.1
NEW AUG266-43-30-□□	277.9	438	308	4.6
NEW AUG266-43-36-□□	277.9	438	368	5.2
NEW AUG266-43-43-□□	277.9	438	438	5.9
NEW AUG266-43-50-□□	277.9	438	508	6.6
NEW AUG266-50-30-□□	277.9	508	308	5.0
NEW AUG266-50-36-□□	277.9	508	368	5.6
NEW AUG266-50-43-□□	277.9	508	438	6.4
NEW AUG266-50-50-□□	277.9	508	508	7.2

EMC
Shielding

- Shielding gasket allows the enclosure to be EMC shielded.
- Rugged design EMC shielded aluminium enclosure with TPE (Elastomer) corner guards. Corner guards also act as non-slip rubber feet.
- Suitable to be used as an easy maintenance desktop case due to its detachable front/rear panels. Captive screws allow for ease of maintenance as there is little risk of the screws dropping out and getting lost.
- A large selection of 387 different sizes to choose from.
- A total of 4 selectable color combinations with a silver anodized body and 4 corner guard colors - Black, Gray, Navy and Red.



Included screws :

- Top / Bottom cover (not applicable to some models)
- M3-5 original trapezoid head (hex) & Nickel plated x 4~8 pcs
- Frame / Panel support frame
- M3-8 flat head & Nickel plated x 16 pcs
- Corner guard
- M3-10 hex & Black trivalent chromate x 8 pcs
- * Hex wrench included.
- Panel
- Captive M2.5-7 pan head & Nickel plated x 8~12 pcs

Recommended torque :

M3 -10 hex :	0.2N • m
M2.5-7 pan head :	0.15 ~ 0.2N • m
Other screws :	0.3 ~ 0.6N • m

* Recommended torque listed is for reference only; actual may differ.
Assemble after testing torque.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver / Painted (Unfinished inside)
2	Frame	2	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
3	Panel support frame	4	Extruded aluminium A6063S-T5	Silver / Painted (Unfinished inside)
4	Panel	2	Aluminium A1100P	Silver / Painted (Conductive inside)
5	Top • bottom cover	2	Aluminium A1100P	Silver / Painted (Conductive inside)
6	Corner guard	8	TPE (Elastomer)	Black • Gray • Navy • Red
7	EMC shielding gasket	16	Conductive fiber UL94V-0	Metallic gray

Color

Please choose from the color combinations listed below.

S **B** (Silver / Black)

S **G** (Silver / Gray)

S **N** (Silver / Navy)

S **R** (Silver / Red)


Product Number

To determine a product number, fill H-W-D dimensions and select Color code in the following blank boxes.

AUGE

H-W-D dimensions

See page 283~286 for dimensions / product no.

Color

SB • SG • SN • SR

Numbering example :

If looking at "H144.5 x W438 x D308mm, Color type SN"

➔ **AUGE 133-43-30-SN**

Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294



Elastomer carrying handle FM200
See website



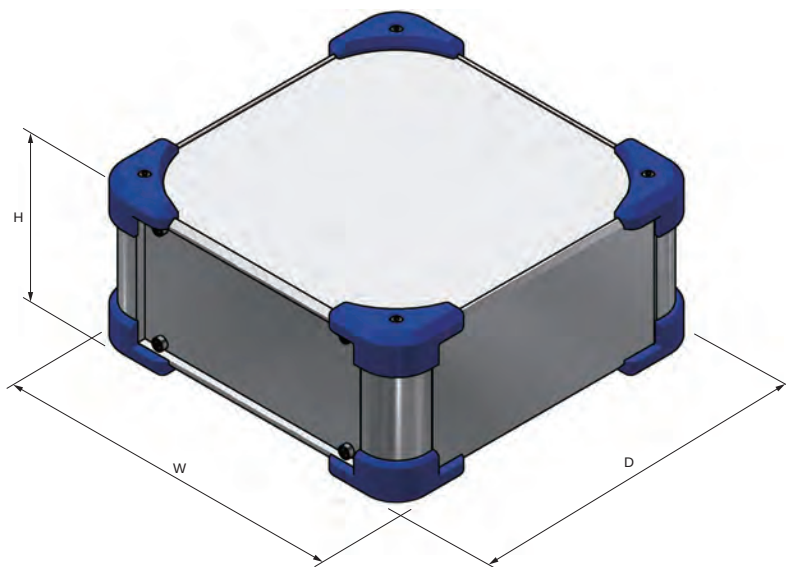
Tilt leg TLW series
See page 239



EMC shielding fan filter EMF series
See website

AUGE dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUGE 66-16-16-□□	78	168	168	0.9
AUGE 66-16-20-□□	78	168	208	1.1
AUGE 66-16-25-□□	78	168	258	1.2
AUGE 66-16-30-□□	78	168	308	1.4
AUGE 66-16-36-□□	78	168	368	1.6
AUGE 66-16-43-□□	78	168	438	1.8
AUGE 66-20-16-□□	78	208	168	1.1
AUGE 66-20-20-□□	78	208	208	1.2
AUGE 66-20-25-□□	78	208	258	1.4
AUGE 66-20-30-□□	78	208	308	1.6
AUGE 66-20-36-□□	78	208	368	1.8
AUGE 66-20-43-□□	78	208	438	2.1
AUGE 66-25-16-□□	78	258	168	1.2
AUGE 66-25-20-□□	78	258	208	1.4
AUGE 66-25-25-□□	78	258	258	1.6
AUGE 66-25-30-□□	78	258	308	1.8
AUGE 66-25-36-□□	78	258	368	2.0
AUGE 66-25-43-□□	78	258	438	2.4
AUGE 66-30-16-□□	78	308	168	1.4
AUGE 66-30-20-□□	78	308	208	1.6
AUGE 66-30-25-□□	78	308	258	1.8
AUGE 66-30-30-□□	78	308	308	2.0

Product no.	H	W	D	Weight (kg)
AUGE 66-30-36-□□	78	308	368	2.3
AUGE 66-30-43-□□	78	308	438	2.7
AUGE 66-30-50-□□	78	308	508	3.0
AUGE 66-36-16-□□	78	368	168	1.6
AUGE 66-36-20-□□	78	368	208	1.8
AUGE 66-36-25-□□	78	368	258	2.1
AUGE 66-36-30-□□	78	368	308	2.3
AUGE 66-36-36-□□	78	368	368	2.6
AUGE 66-36-43-□□	78	368	438	3.0
AUGE 66-36-50-□□	78	368	508	3.4
AUGE 66-43-16-□□	78	438	168	1.8
AUGE 66-43-20-□□	78	438	208	2.1
AUGE 66-43-25-□□	78	438	258	2.4
AUGE 66-43-30-□□	78	438	308	2.7
AUGE 66-43-36-□□	78	438	368	3.0
AUGE 66-43-43-□□	78	438	438	3.5
AUGE 66-43-50-□□	78	438	508	3.9
AUGE 66-50-30-□□	78	508	308	3.0
AUGE 66-50-36-□□	78	508	368	3.4
AUGE 66-50-43-□□	78	508	438	3.9
AUGE 66-50-50-□□	78	508	508	4.4

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUGE 88-16-16-□□	100	168	168	1.0
AUGE 88-16-20-□□	100	168	208	1.2
AUGE 88-16-25-□□	100	168	258	1.4
AUGE 88-16-30-□□	100	168	308	1.5
AUGE 88-16-36-□□	100	168	368	1.8
AUGE 88-16-43-□□	100	168	438	2.0
AUGE 88-20-16-□□	100	208	168	1.2
AUGE 88-20-20-□□	100	208	208	1.3
AUGE 88-20-25-□□	100	208	258	1.5
AUGE 88-20-30-□□	100	208	308	1.7
AUGE 88-20-36-□□	100	208	368	1.9
AUGE 88-20-43-□□	100	208	438	2.2
AUGE 88-25-16-□□	100	258	168	1.4
AUGE 88-25-20-□□	100	258	208	1.5
AUGE 88-25-25-□□	100	258	258	1.7
AUGE 88-25-30-□□	100	258	308	2.0
AUGE 88-25-36-□□	100	258	368	2.2
AUGE 88-25-43-□□	100	258	438	2.6
AUGE 88-30-16-□□	100	308	168	1.5
AUGE 88-30-20-□□	100	308	208	1.7
AUGE 88-30-25-□□	100	308	258	2.0
AUGE 88-30-30-□□	100	308	308	2.2
AUGE 88-30-36-□□	100	308	368	2.5
AUGE 88-30-43-□□	100	308	438	2.9
AUGE 88-30-50-□□	100	308	508	3.2
AUGE 88-36-16-□□	100	368	168	1.8
AUGE 88-36-20-□□	100	368	208	2.0
AUGE 88-36-25-□□	100	368	258	2.2
AUGE 88-36-30-□□	100	368	308	2.5
AUGE 88-36-36-□□	100	368	368	2.8
AUGE 88-36-43-□□	100	368	438	3.3
AUGE 88-36-50-□□	100	368	508	3.7
AUGE 88-43-16-□□	100	438	168	1.9
AUGE 88-43-20-□□	100	438	208	2.3
AUGE 88-43-25-□□	100	438	258	2.6
AUGE 88-43-30-□□	100	438	308	2.9
AUGE 88-43-36-□□	100	438	368	3.3
AUGE 88-43-43-□□	100	438	438	3.7
AUGE 88-43-50-□□	100	438	508	4.2
AUGE 88-50-30-□□	100	508	308	3.2
AUGE 88-50-36-□□	100	508	368	3.7
AUGE 88-50-43-□□	100	508	438	4.2
AUGE 88-50-50-□□	100	508	508	4.7
NEW AUGE 99-16-16-□□	111	168	168	1.0
NEW AUGE 99-16-20-□□	111	168	208	1.2
NEW AUGE 99-16-25-□□	111	168	258	1.4
NEW AUGE 99-16-30-□□	111	168	308	1.5
NEW AUGE 99-16-36-□□	111	168	368	1.7
NEW AUGE 99-16-43-□□	111	168	438	2.0
NEW AUGE 99-20-16-□□	111	208	168	1.2
NEW AUGE 99-20-20-□□	111	208	208	1.3
NEW AUGE 99-20-25-□□	111	208	258	1.5
NEW AUGE 99-20-30-□□	111	208	308	1.7
NEW AUGE 99-20-36-□□	111	208	368	2.0
NEW AUGE 99-20-43-□□	111	208	438	2.2
NEW AUGE 99-25-16-□□	111	258	168	1.4
NEW AUGE 99-25-20-□□	111	258	208	1.5
NEW AUGE 99-25-25-□□	111	258	258	1.8
NEW AUGE 99-25-30-□□	111	258	308	2.0
NEW AUGE 99-25-36-□□	111	258	368	2.3
NEW AUGE 99-25-43-□□	111	258	438	2.6
NEW AUGE 99-30-16-□□	111	308	168	1.5
NEW AUGE 99-30-20-□□	111	308	208	1.7
NEW AUGE 99-30-25-□□	111	308	258	2.0
NEW AUGE 99-30-30-□□	111	308	308	2.2

Product no.	H	W	D	Weight (kg)
NEW AUGE 99-30-36-□□	111	308	368	2.5
NEW AUGE 99-30-43-□□	111	308	438	2.9
NEW AUGE 99-30-50-□□	111	308	508	3.3
NEW AUGE 99-36-16-□□	111	368	168	1.7
NEW AUGE 99-36-20-□□	111	368	208	2.0
NEW AUGE 99-36-25-□□	111	368	258	2.3
NEW AUGE 99-36-30-□□	111	368	308	2.5
NEW AUGE 99-36-36-□□	111	368	368	2.9
NEW AUGE 99-36-43-□□	111	368	438	3.3
NEW AUGE 99-36-50-□□	111	368	508	3.7
NEW AUGE 99-43-16-□□	111	438	168	2.0
NEW AUGE 99-43-20-□□	111	438	208	2.3
NEW AUGE 99-43-25-□□	111	438	258	2.6
NEW AUGE 99-43-30-□□	111	438	308	2.9
NEW AUGE 99-43-36-□□	111	438	368	3.3
NEW AUGE 99-43-43-□□	111	438	438	3.7
NEW AUGE 99-43-50-□□	111	438	508	4.2
NEW AUGE 99-50-30-□□	111	508	308	3.3
NEW AUGE 99-50-36-□□	111	508	368	3.7
NEW AUGE 99-50-43-□□	111	508	438	4.2
NEW AUGE 99-50-50-□□	111	508	508	4.7
NEW AUGE115-16-16-□□	127	168	168	1.1
NEW AUGE115-16-20-□□	127	168	208	1.3
NEW AUGE115-16-25-□□	127	168	258	1.4
NEW AUGE115-16-30-□□	127	168	308	1.6
NEW AUGE115-16-36-□□	127	168	368	1.9
NEW AUGE115-16-43-□□	127	168	438	2.1
NEW AUGE115-20-16-□□	127	208	168	1.3
NEW AUGE115-20-20-□□	127	208	208	1.4
NEW AUGE115-20-25-□□	127	208	258	1.6
NEW AUGE115-20-30-□□	127	208	308	1.8
NEW AUGE115-20-36-□□	127	208	368	2.1
NEW AUGE115-20-43-□□	127	208	438	2.4
NEW AUGE115-25-16-□□	127	258	168	1.4
NEW AUGE115-25-20-□□	127	258	208	1.6
NEW AUGE115-25-25-□□	127	258	258	1.9
NEW AUGE115-25-30-□□	127	258	308	2.1
NEW AUGE115-25-36-□□	127	258	368	2.4
NEW AUGE115-25-43-□□	127	258	438	2.7
NEW AUGE115-30-16-□□	127	308	168	1.6
NEW AUGE115-30-20-□□	127	308	208	1.8
NEW AUGE115-30-25-□□	127	308	258	2.1
NEW AUGE115-30-30-□□	127	308	308	2.4
NEW AUGE115-30-36-□□	127	308	368	2.7
NEW AUGE115-30-43-□□	127	308	438	3.1
NEW AUGE115-30-50-□□	127	308	508	3.4
NEW AUGE115-36-16-□□	127	368	168	1.9
NEW AUGE115-36-20-□□	127	368	208	2.1
NEW AUGE115-36-25-□□	127	368	258	2.4
NEW AUGE115-36-30-□□	127	368	308	2.7
NEW AUGE115-36-36-□□	127	368	368	3.0
NEW AUGE115-36-43-□□	127	368	438	3.5
NEW AUGE115-36-50-□□	127	368	508	3.9
NEW AUGE115-43-16-□□	127	438	168	2.1
NEW AUGE115-43-20-□□	127	438	208	2.4
NEW AUGE115-43-25-□□	127	438	258	2.7
NEW AUGE115-43-30-□□	127	438	308	3.1
NEW AUGE115-43-36-□□	127	438	368	3.5
NEW AUGE115-43-43-□□	127	438	438	3.9
NEW AUGE115-43-50-□□	127	438	508	4.4
NEW AUGE115-50-30-□□	127	508	308	3.4
NEW AUGE115-50-36-□□	127	508	368	3.9
NEW AUGE115-50-43-□□	127	508	438	4.4
NEW AUGE115-50-50-□□	127	508	508	4.9

Product no. / Details

Product no.	H	W	D	Weight (kg)
AUGE133-16-16-□□	144.5	168	168	1.3
AUGE133-16-20-□□	144.5	168	208	1.5
AUGE133-16-25-□□	144.5	168	258	1.7
AUGE133-16-30-□□	144.5	168	308	1.9
AUGE133-16-36-□□	144.5	168	368	2.2
AUGE133-16-43-□□	144.5	168	438	2.4
AUGE133-20-16-□□	144.5	208	168	1.4
AUGE133-20-20-□□	144.5	208	208	1.6
AUGE133-20-25-□□	144.5	208	258	1.9
AUGE133-20-30-□□	144.5	208	308	2.1
AUGE133-20-36-□□	144.5	208	368	2.4
AUGE133-20-43-□□	144.5	208	438	2.8
AUGE133-25-16-□□	144.5	258	168	1.6
AUGE133-25-20-□□	144.5	258	208	1.9
AUGE133-25-25-□□	144.5	258	258	2.1
AUGE133-25-30-□□	144.5	258	308	2.4
AUGE133-25-36-□□	144.5	258	368	2.7
AUGE133-25-43-□□	144.5	258	438	3.1
AUGE133-30-16-□□	144.5	308	168	1.8
AUGE133-30-20-□□	144.5	308	208	2.1
AUGE133-30-25-□□	144.5	308	258	2.4
AUGE133-30-30-□□	144.5	308	308	2.7
AUGE133-30-36-□□	144.5	308	368	3.0
AUGE133-30-43-□□	144.5	308	438	3.4
AUGE133-30-50-□□	144.5	308	508	3.8
AUGE133-36-16-□□	144.5	368	168	2.1
AUGE133-36-20-□□	144.5	368	208	2.3
AUGE133-36-25-□□	144.5	368	258	2.7
AUGE133-36-30-□□	144.5	368	308	3.0
AUGE133-36-36-□□	144.5	368	368	3.4
AUGE133-36-43-□□	144.5	368	438	3.9
AUGE133-36-50-□□	144.5	368	508	4.3
AUGE133-43-16-□□	144.5	438	168	2.4
AUGE133-43-20-□□	144.5	438	208	2.7
AUGE133-43-25-□□	144.5	438	258	3.0
AUGE133-43-30-□□	144.5	438	308	3.4
AUGE133-43-36-□□	144.5	438	368	3.8
AUGE133-43-43-□□	144.5	438	438	4.3
AUGE133-43-50-□□	144.5	438	508	4.9
AUGE133-50-30-□□	144.5	508	308	3.8
AUGE133-50-36-□□	144.5	508	368	4.3
AUGE133-50-43-□□	144.5	508	438	4.8
AUGE133-50-50-□□	144.5	508	508	5.4
NEW AUGE149-16-16-□□	161	168	168	1.3
NEW AUGE149-16-20-□□	161	168	208	1.5
NEW AUGE149-16-25-□□	161	168	258	1.7
NEW AUGE149-16-30-□□	161	168	308	2.0
NEW AUGE149-16-36-□□	161	168	368	2.2
NEW AUGE149-16-43-□□	161	168	438	2.5
NEW AUGE149-20-16-□□	161	208	168	1.5
NEW AUGE149-20-20-□□	161	208	208	1.7
NEW AUGE149-20-25-□□	161	208	258	1.9
NEW AUGE149-20-30-□□	161	208	308	2.2
NEW AUGE149-20-36-□□	161	208	368	2.5
NEW AUGE149-20-43-□□	161	208	438	2.8
NEW AUGE149-25-16-□□	161	258	168	1.7
NEW AUGE149-25-20-□□	161	258	208	1.9
NEW AUGE149-25-25-□□	161	258	258	2.2
NEW AUGE149-25-30-□□	161	258	308	2.5
NEW AUGE149-25-36-□□	161	258	368	2.8
NEW AUGE149-25-43-□□	161	258	438	3.2
NEW AUGE149-30-16-□□	161	308	168	1.9
NEW AUGE149-30-20-□□	161	308	208	2.1
NEW AUGE149-30-25-□□	161	308	258	2.4
NEW AUGE149-30-30-□□	161	308	308	2.7

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUGE149-30-36-□□	161	308	368	3.1
NEW AUGE149-30-43-□□	161	308	438	3.5
NEW AUGE149-30-50-□□	161	308	508	4.0
NEW AUGE149-36-16-□□	161	368	168	2.1
NEW AUGE149-36-20-□□	161	368	208	2.4
NEW AUGE149-36-25-□□	161	368	258	2.7
NEW AUGE149-36-30-□□	161	368	308	3.1
NEW AUGE149-36-36-□□	161	368	368	3.5
NEW AUGE149-36-43-□□	161	368	438	4.0
NEW AUGE149-36-50-□□	161	368	508	4.4
NEW AUGE149-43-16-□□	161	438	168	2.4
NEW AUGE149-43-20-□□	161	438	208	2.7
NEW AUGE149-43-25-□□	161	438	258	3.1
NEW AUGE149-43-30-□□	161	438	308	3.5
NEW AUGE149-43-36-□□	161	438	368	3.9
NEW AUGE149-43-43-□□	161	438	438	4.5
NEW AUGE149-43-50-□□	161	438	508	5.0
NEW AUGE149-50-30-□□	161	508	308	3.9
NEW AUGE149-50-36-□□	161	508	368	4.4
NEW AUGE149-50-43-□□	161	508	438	4.9
NEW AUGE149-50-50-□□	161	508	508	5.5
AUGE177-16-16-□□	189	168	168	1.5
AUGE177-16-20-□□	189	168	208	1.7
AUGE177-16-25-□□	189	168	258	1.9
AUGE177-16-30-□□	189	168	308	2.2
AUGE177-16-36-□□	189	168	368	2.5
AUGE177-16-43-□□	189	168	438	2.8
AUGE177-20-16-□□	189	208	168	1.6
AUGE177-20-20-□□	189	208	208	1.9
AUGE177-20-25-□□	189	208	258	2.1
AUGE177-20-30-□□	189	208	308	2.4
AUGE177-20-36-□□	189	208	368	2.7
AUGE177-20-43-□□	189	208	438	3.1
AUGE177-25-16-□□	189	258	168	1.9
AUGE177-25-20-□□	189	258	208	2.1
AUGE177-25-25-□□	189	258	258	2.4
AUGE177-25-30-□□	189	258	308	2.7
AUGE177-25-36-□□	189	258	368	3.1
AUGE177-25-43-□□	189	258	438	3.5
AUGE177-30-16-□□	189	308	168	2.1
AUGE177-30-20-□□	189	308	208	2.3
AUGE177-30-25-□□	189	308	258	2.7
AUGE177-30-30-□□	189	308	308	3.0
AUGE177-30-36-□□	189	308	368	3.4
AUGE177-30-43-□□	189	308	438	3.8
AUGE177-30-50-□□	189	308	508	4.3
AUGE177-36-16-□□	189	368	168	2.3
AUGE177-36-20-□□	189	368	208	2.6
AUGE177-36-25-□□	189	368	258	3.0
AUGE177-36-30-□□	189	368	308	3.3
AUGE177-36-36-□□	189	368	368	3.8
AUGE177-36-43-□□	189	368	438	4.3
AUGE177-36-50-□□	189	368	508	4.8
AUGE177-43-16-□□	189	438	168	2.7
AUGE177-43-20-□□	189	438	208	3.0
AUGE177-43-25-□□	189	438	258	3.4
AUGE177-43-30-□□	189	438	308	3.8
AUGE177-43-36-□□	189	438	368	4.2
AUGE177-43-43-□□	189	438	438	4.8
AUGE177-43-50-□□	189	438	508	5.4
AUGE177-50-30-□□	189	508	308	4.2
AUGE177-50-36-□□	189	508	368	4.7
AUGE177-50-43-□□	189	508	438	5.3
AUGE177-50-50-□□	189	508	508	5.9

Product no. / Details

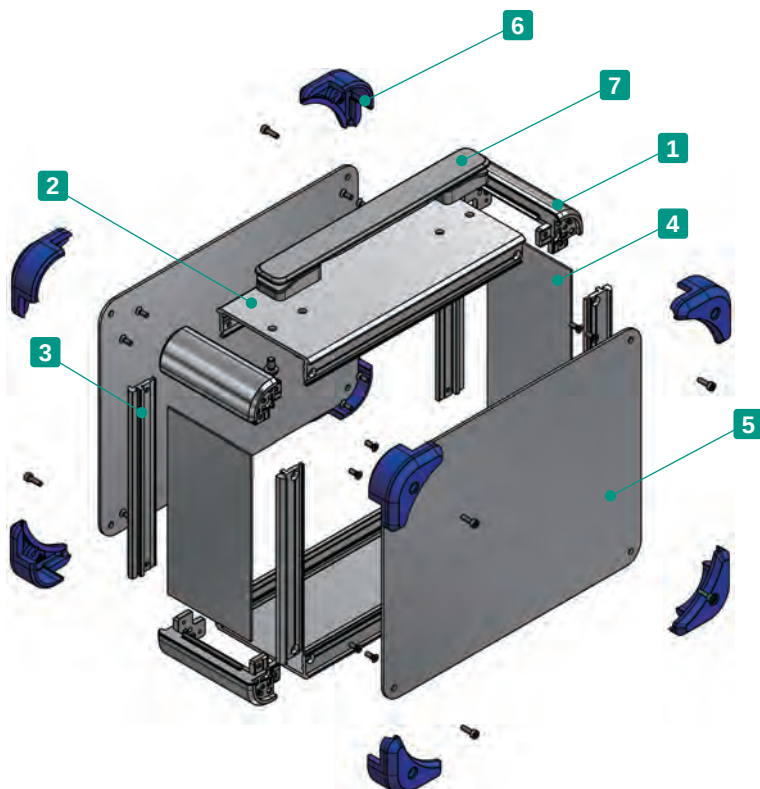
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
NEW AUGE222-16-16-□□	233.5	168	168	1.7
NEW AUGE222-16-20-□□	233.5	168	208	1.9
NEW AUGE222-16-25-□□	233.5	168	258	2.2
NEW AUGE222-16-30-□□	233.5	168	308	2.5
NEW AUGE222-16-36-□□	233.5	168	368	2.8
NEW AUGE222-16-43-□□	233.5	168	438	3.3
NEW AUGE222-20-16-□□	233.5	208	168	1.9
NEW AUGE222-20-20-□□	233.5	208	208	2.1
NEW AUGE222-20-25-□□	233.5	208	258	2.5
NEW AUGE222-20-30-□□	233.5	208	308	2.8
NEW AUGE222-20-36-□□	233.5	208	368	3.1
NEW AUGE222-20-43-□□	233.5	208	438	3.6
NEW AUGE222-25-16-□□	233.5	258	168	2.1
NEW AUGE222-25-20-□□	233.5	258	208	2.4
NEW AUGE222-25-25-□□	233.5	258	258	2.7
NEW AUGE222-25-30-□□	233.5	258	308	3.1
NEW AUGE222-25-36-□□	233.5	258	368	3.5
NEW AUGE222-25-43-□□	233.5	258	438	4.0
NEW AUGE222-30-16-□□	233.5	308	168	2.4
NEW AUGE222-30-20-□□	233.5	308	208	2.7
NEW AUGE222-30-25-□□	233.5	308	258	3.0
NEW AUGE222-30-30-□□	233.5	308	308	3.4
NEW AUGE222-30-36-□□	233.5	308	368	3.8
NEW AUGE222-30-43-□□	233.5	308	438	4.3
NEW AUGE222-30-50-□□	233.5	308	508	4.9
NEW AUGE222-36-16-□□	233.5	368	168	2.7
NEW AUGE222-36-20-□□	233.5	368	208	3.0
NEW AUGE222-36-25-□□	233.5	368	258	3.4
NEW AUGE222-36-30-□□	233.5	368	308	3.8
NEW AUGE222-36-36-□□	233.5	368	368	4.3
NEW AUGE222-36-43-□□	233.5	368	438	4.8
NEW AUGE222-36-50-□□	233.5	368	508	5.4
NEW AUGE222-43-16-□□	233.5	438	168	3.0
NEW AUGE222-43-20-□□	233.5	438	208	3.4
NEW AUGE222-43-25-□□	233.5	438	258	3.8
NEW AUGE222-43-30-□□	233.5	438	308	4.2
NEW AUGE222-43-36-□□	233.5	438	368	4.8
NEW AUGE222-43-43-□□	233.5	438	438	5.4
NEW AUGE222-43-50-□□	233.5	438	508	6.0
NEW AUGE222-50-30-□□	233.5	508	308	4.7
NEW AUGE222-50-36-□□	233.5	508	368	5.3
NEW AUGE222-50-43-□□	233.5	508	438	5.9
NEW AUGE222-50-50-□□	233.5	508	508	6.6

Product no.	H	W	D	Weight (kg)
NEW AUGE266-16-16-□□	277.9	168	168	2.0
NEW AUGE266-16-20-□□	277.9	168	208	2.3
NEW AUGE266-16-25-□□	277.9	168	258	2.6
NEW AUGE266-16-30-□□	277.9	168	308	3.0
NEW AUGE266-16-36-□□	277.9	168	368	3.4
NEW AUGE266-16-43-□□	277.9	168	438	3.9
NEW AUGE266-20-16-□□	277.9	208	168	2.2
NEW AUGE266-20-20-□□	277.9	208	208	2.5
NEW AUGE266-20-25-□□	277.9	208	258	2.9
NEW AUGE266-20-30-□□	277.9	208	308	3.3
NEW AUGE266-20-36-□□	277.9	208	368	3.7
NEW AUGE266-20-43-□□	277.9	208	438	4.3
NEW AUGE266-25-16-□□	277.9	258	168	2.5
NEW AUGE266-25-20-□□	277.9	258	208	2.8
NEW AUGE266-25-25-□□	277.9	258	258	3.2
NEW AUGE266-25-30-□□	277.9	258	308	3.6
NEW AUGE266-25-36-□□	277.9	258	368	4.1
NEW AUGE266-25-43-□□	277.9	258	438	4.7
NEW AUGE266-30-16-□□	277.9	308	168	2.8
NEW AUGE266-30-20-□□	277.9	308	208	3.1
NEW AUGE266-30-25-□□	277.9	308	258	3.5
NEW AUGE266-30-30-□□	277.9	308	308	4.0
NEW AUGE266-30-36-□□	277.9	308	368	4.5
NEW AUGE266-30-43-□□	277.9	308	438	5.1
NEW AUGE266-30-50-□□	277.9	308	508	5.7
NEW AUGE266-36-16-□□	277.9	368	168	3.1
NEW AUGE266-36-20-□□	277.9	368	208	3.4
NEW AUGE266-36-25-□□	277.9	368	258	3.9
NEW AUGE266-36-30-□□	277.9	368	308	4.4
NEW AUGE266-36-36-□□	277.9	368	368	4.9
NEW AUGE266-36-43-□□	277.9	368	438	5.6
NEW AUGE266-36-50-□□	277.9	368	508	6.2
NEW AUGE266-43-16-□□	277.9	438	168	3.5
NEW AUGE266-43-20-□□	277.9	438	208	3.9
NEW AUGE266-43-25-□□	277.9	438	258	4.4
NEW AUGE266-43-30-□□	277.9	438	308	4.9
NEW AUGE266-43-36-□□	277.9	438	368	5.5
NEW AUGE266-43-43-□□	277.9	438	438	6.2
NEW AUGE266-43-50-□□	277.9	438	508	6.9
NEW AUGE266-50-30-□□	277.9	508	308	5.3
NEW AUGE266-50-36-□□	277.9	508	368	6.0
NEW AUGE266-50-43-□□	277.9	508	438	6.8
NEW AUGE266-50-50-□□	277.9	508	508	7.5



- Rugged design aluminium enclosure with carrying handle that can withstand a maximum load of up to 20.0 kg.
- TPE (Elastomer) corner guards are elastic and also act as non-slip rubber feet.
- A large selection of 294 different sizes to choose from.
- A total of 12 selectable color combinations with 4 corner guard colors - Black, Gray, Navy and Red -, 2 handle colors - Black and Gray-, and 2 enclosure colors - Silver and Black anodized.
- Versatile aluminium case suitable for use as measuring instrument, controller, industrial embedded computer, power supply, audio amplifier, and more.



Included screws

- Top / Bottom cover (not applicable to some models)
M3-5 original trapezoid head (hex) & Nickel plated / Black trivalent chromate x 4~8 pcs
- Frame / Panel support frame
M3-8 flat head & Nickel plated x 16 pcs
- Corner guard
M3-10 hex & Black trivalent chromate x 8 pcs
- * Hex wrench included.
- Carrying handle
M5-8 pan head self-tapping screw & Black trivalent chromate x 4 pcs

Recommended torque :
 M3 -10 hex - 0.2N • m
 M5-8 pan head self-tapping screw 1.5N • m
 Other screws - 0.3 ~ 0.6N • m

* Recommended torque listed is for reference only; actual may differ. Assemble after testing torque.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Panel support frame	4	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Panel	2	Aluminium A1100P	Silver • Black / Anodized
5	Top • bottom cover	2	Aluminium A1100P	Silver • Black / Anodized
6	Corner guard	8	TPE (Elastomer)	Black • Gray • Navy • Red
7	Carrying handle	1	PU • PA6 • ABS • Steel	Black • Gray

Color

Please choose from the color combinations listed below.

S B B

(Silver / Black / Black)



S G B

(Silver / Gray / Black)



S N B

(Silver / Navy / Black)



S R B

(Silver / Red / Black)



S B G

(Silver / Black / Gray)



S G G

(Silver / Gray / Gray)



S N G

(Silver / Navy / Gray)



S R G

(Silver / Red / Gray)



B B B

(Black / Black / Black)



B G B

(Black / Gray / Black)



B N B

(Black / Navy / Black)



B R B

(Black / Red / Black)



Product Number

To determine a product number, fill H-W-D dimensions and select Color code in the following blank boxes.

AUGH

-

-

-

H-W-D dimensions

See page 289~292 for dimensions / product no.

Color

SBB / SGB / SNB / SRB

SBG / SGG / SNG / SRG

BBB / BGB / BNB / BRB

Numbering example :

If looking at "H100 x W258 x D368mm, Color type SRG"

➔ AUGH 88-25-36-SRG

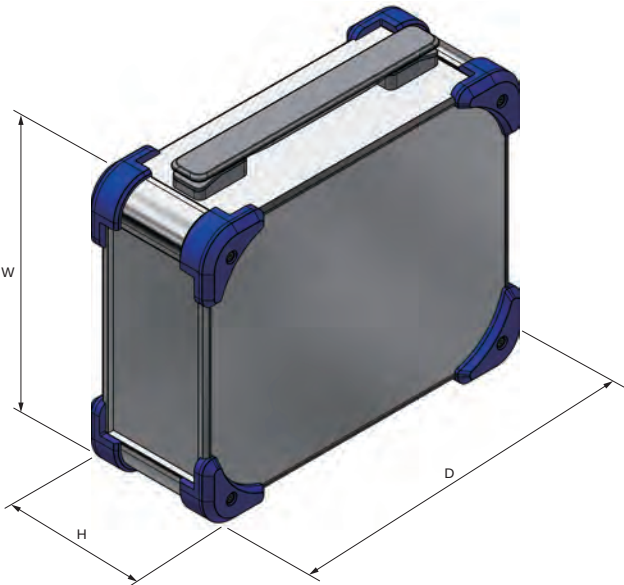
Accessories (Optional parts)



Mounting plate AUC series
See page 293 ~ 294

AUGH dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Details

Product no.	H	W	D	Weight (kg)
AUGH 44-16-25-□□□	56	168	258	1.0
AUGH 44-16-30-□□□	56	168	308	1.2
AUGH 44-16-36-□□□	56	168	368	1.3
AUGH 44-20-25-□□□	56	208	258	1.2
AUGH 44-20-30-□□□	56	208	308	1.3
AUGH 44-20-36-□□□	56	208	368	1.5
AUGH 44-25-25-□□□	56	258	258	1.3
AUGH 44-25-30-□□□	56	258	308	1.5

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUGH 44-25-36-□□□	56	258	368	1.7
AUGH 44-30-25-□□□	56	308	258	1.5
AUGH 44-30-30-□□□	56	308	308	1.7
AUGH 44-30-36-□□□	56	308	368	2.0
AUGH 44-36-25-□□□	56	368	258	1.7
AUGH 44-36-30-□□□	56	368	308	2.0
AUGH 44-36-36-□□□	56	368	368	2.4

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUGH 66-16-25-□□□	78	168	258	1.2
AUGH 66-16-30-□□□	78	168	308	1.3
AUGH 66-16-36-□□□	78	168	368	1.5
AUGH 66-16-43-□□□	78	168	438	1.9
AUGH 66-20-25-□□□	78	208	258	1.3
AUGH 66-20-30-□□□	78	208	308	1.5
AUGH 66-20-36-□□□	78	208	368	1.7
AUGH 66-20-43-□□□	78	208	438	2.0
AUGH 66-25-25-□□□	78	258	258	1.5
AUGH 66-25-30-□□□	78	258	308	1.7
AUGH 66-25-36-□□□	78	258	368	2.0
AUGH 66-25-43-□□□	78	258	438	2.3
AUGH 66-30-25-□□□	78	308	258	1.7
AUGH 66-30-30-□□□	78	308	308	2.0
AUGH 66-30-36-□□□	78	308	368	2.2
AUGH 66-30-43-□□□	78	308	438	2.6
AUGH 66-30-50-□□□	78	308	508	2.9
AUGH 66-36-25-□□□	78	368	258	2.0
AUGH 66-36-30-□□□	78	368	308	2.2
AUGH 66-36-36-□□□	78	368	368	2.5
AUGH 66-36-43-□□□	78	368	438	2.9
AUGH 66-36-50-□□□	78	368	508	3.3
AUGH 66-43-25-□□□	78	438	258	2.3
AUGH 66-43-30-□□□	78	438	308	2.6
AUGH 66-43-36-□□□	78	438	368	2.9
AUGH 66-43-43-□□□	78	438	438	3.3
AUGH 66-43-50-□□□	78	438	508	3.8
AUGH 66-50-30-□□□	78	508	308	2.9
AUGH 66-50-36-□□□	78	508	368	3.3
AUGH 66-50-43-□□□	78	508	438	3.8
AUGH 66-50-50-□□□	78	508	508	4.2
AUGH 88-16-25-□□□	100	168	258	1.3
AUGH 88-16-30-□□□	100	168	308	1.5
AUGH 88-16-36-□□□	100	168	368	1.7
AUGH 88-16-43-□□□	100	168	438	2.0
AUGH 88-20-25-□□□	100	208	258	1.5
AUGH 88-20-30-□□□	100	208	308	1.7
AUGH 88-20-36-□□□	100	208	368	1.9
AUGH 88-20-43-□□□	100	208	438	2.2
AUGH 88-25-25-□□□	100	258	258	1.7
AUGH 88-25-30-□□□	100	258	308	1.7
AUGH 88-25-36-□□□	100	258	368	2.2
AUGH 88-25-43-□□□	100	258	438	2.5
AUGH 88-30-25-□□□	100	308	258	1.9
AUGH 88-30-30-□□□	100	308	308	2.1
AUGH 88-30-36-□□□	100	308	368	2.4
AUGH 88-30-43-□□□	100	308	438	2.8

Product no.	H	W	D	Weight (kg)
AUGH 88-30-50-□□□	100	308	508	3.1
AUGH 88-36-25-□□□	100	368	258	2.1
AUGH 88-36-30-□□□	100	368	308	2.4
AUGH 88-36-36-□□□	100	368	368	2.7
AUGH 88-36-43-□□□	100	368	438	3.2
AUGH 88-36-50-□□□	100	368	508	3.5
AUGH 88-43-25-□□□	100	438	258	2.4
AUGH 88-43-30-□□□	100	438	308	2.8
AUGH 88-43-36-□□□	100	438	368	3.1
AUGH 88-43-43-□□□	100	438	438	3.6
AUGH 88-43-50-□□□	100	438	508	4.0
AUGH 88-50-30-□□□	100	508	308	3.1
AUGH 88-50-36-□□□	100	508	368	3.5
AUGH 88-50-43-□□□	100	508	438	4.0
AUGH 88-50-50-□□□	100	508	508	4.5
NEW AUGH 99-16-25-□□□	111	168	258	1.4
NEW AUGH 99-16-30-□□□	111	168	308	1.5
NEW AUGH 99-16-36-□□□	111	168	368	1.8
NEW AUGH 99-16-43-□□□	111	168	438	2.0
NEW AUGH 99-20-25-□□□	111	208	258	1.5
NEW AUGH 99-20-30-□□□	111	208	308	1.7
NEW AUGH 99-20-36-□□□	111	208	368	2.0
NEW AUGH 99-20-43-□□□	111	208	438	2.3
NEW AUGH 99-25-25-□□□	111	258	258	1.7
NEW AUGH 99-25-30-□□□	111	258	308	2.0
NEW AUGH 99-25-36-□□□	111	258	368	2.2
NEW AUGH 99-25-43-□□□	111	258	438	2.6
NEW AUGH 99-30-25-□□□	111	308	258	1.9
NEW AUGH 99-30-30-□□□	111	308	308	2.2
NEW AUGH 99-30-36-□□□	111	308	368	2.5
NEW AUGH 99-30-43-□□□	111	308	438	2.9
NEW AUGH 99-30-50-□□□	111	308	508	3.2
NEW AUGH 99-36-25-□□□	111	368	258	2.2
NEW AUGH 99-36-30-□□□	111	368	308	2.5
NEW AUGH 99-36-36-□□□	111	368	368	2.8
NEW AUGH 99-36-43-□□□	111	368	438	3.3
NEW AUGH 99-36-50-□□□	111	368	508	3.7
NEW AUGH 99-43-25-□□□	111	438	258	2.5
NEW AUGH 99-43-30-□□□	111	438	308	2.8
NEW AUGH 99-43-36-□□□	111	438	368	3.2
NEW AUGH 99-43-43-□□□	111	438	438	3.7
NEW AUGH 99-43-50-□□□	111	438	508	4.1
NEW AUGH 99-50-30-□□□	111	508	308	3.2
NEW AUGH 99-50-36-□□□	111	508	368	3.6
NEW AUGH 99-50-43-□□□	111	508	438	4.1
NEW AUGH 99-50-50-□□□	111	508	508	4.6

Product no. / Details

Product no.	H	W	D	Weight (kg)
NEW AUGH115-16-25-□□□	127	168	258	1.4
NEW AUGH115-16-30-□□□	127	168	308	1.6
NEW AUGH115-16-36-□□□	127	168	368	1.9
NEW AUGH115-16-43-□□□	127	168	438	2.2
NEW AUGH115-20-25-□□□	127	208	258	1.6
NEW AUGH115-20-30-□□□	127	208	308	1.8
NEW AUGH115-20-36-□□□	127	208	368	2.1
NEW AUGH115-20-43-□□□	127	208	438	2.4
NEW AUGH115-25-25-□□□	127	258	258	1.8
NEW AUGH115-25-30-□□□	127	258	308	2.1
NEW AUGH115-25-36-□□□	127	258	368	2.4
NEW AUGH115-25-43-□□□	127	258	438	2.7
NEW AUGH115-30-25-□□□	127	308	258	2.1
NEW AUGH115-30-30-□□□	127	308	308	2.3
NEW AUGH115-30-36-□□□	127	308	368	2.6
NEW AUGH115-30-43-□□□	127	308	438	3.0
NEW AUGH115-30-50-□□□	127	308	508	3.4
NEW AUGH115-36-25-□□□	127	368	258	2.3
NEW AUGH115-36-30-□□□	127	368	308	2.6
NEW AUGH115-36-36-□□□	127	368	368	3.0
NEW AUGH115-36-43-□□□	127	368	438	3.4
NEW AUGH115-36-50-□□□	127	368	508	3.8
NEW AUGH115-43-25-□□□	127	438	258	2.6
NEW AUGH115-43-30-□□□	127	438	308	3.0
NEW AUGH115-43-36-□□□	127	438	368	3.4
NEW AUGH115-43-43-□□□	127	438	438	3.8
NEW AUGH115-43-50-□□□	127	438	508	4.3
NEW AUGH115-50-30-□□□	127	508	308	3.3
NEW AUGH115-50-36-□□□	127	508	368	3.8
NEW AUGH115-50-43-□□□	127	508	438	4.3
NEW AUGH115-50-50-□□□	127	508	508	4.8
AUGH133-16-25-□□□	144.5	168	258	1.6
AUGH133-16-30-□□□	144.5	168	308	1.8
AUGH133-16-36-□□□	144.5	168	368	2.1
AUGH133-16-43-□□□	144.5	168	438	2.5
AUGH133-20-25-□□□	144.5	208	258	1.8
AUGH133-20-30-□□□	144.5	208	308	2.0
AUGH133-20-36-□□□	144.5	208	368	2.3
AUGH133-20-43-□□□	144.5	208	438	2.7
AUGH133-25-25-□□□	144.5	258	258	2.0
AUGH133-25-30-□□□	144.5	258	308	2.3
AUGH133-25-36-□□□	144.5	258	368	2.6
AUGH133-25-43-□□□	144.5	258	438	3.0
AUGH133-30-25-□□□	144.5	308	258	2.2
AUGH133-30-30-□□□	144.5	308	308	2.5
AUGH133-30-36-□□□	144.5	308	368	2.9
AUGH133-30-43-□□□	144.5	308	438	3.3

■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUGH133-30-50-□□□	144.5	308	508	3.7
AUGH133-36-25-□□□	144.5	368	258	2.5
AUGH133-36-30-□□□	144.5	368	308	2.8
AUGH133-36-36-□□□	144.5	368	368	3.2
AUGH133-36-43-□□□	144.5	368	438	3.7
AUGH133-36-50-□□□	144.5	368	508	4.2
AUGH133-43-25-□□□	144.5	438	258	2.9
AUGH133-43-30-□□□	144.5	438	308	3.2
AUGH133-43-36-□□□	144.5	438	368	3.6
AUGH133-43-43-□□□	144.5	438	438	4.2
AUGH133-43-50-□□□	144.5	438	508	4.7
AUGH133-50-30-□□□	144.5	508	308	3.6
AUGH133-50-36-□□□	144.5	508	368	4.0
AUGH133-50-43-□□□	144.5	508	438	4.6
AUGH133-50-50-□□□	144.5	508	508	5.2
NEW AUGH149-16-25-□□□	161	168	258	1.7
NEW AUGH149-16-30-□□□	161	168	308	1.9
NEW AUGH149-16-36-□□□	161	168	368	2.2
NEW AUGH149-16-43-□□□	161	168	438	2.6
NEW AUGH149-20-25-□□□	161	208	258	1.9
NEW AUGH149-20-30-□□□	161	208	308	2.2
NEW AUGH149-20-36-□□□	161	208	368	2.5
NEW AUGH149-20-43-□□□	161	208	438	2.8
NEW AUGH149-25-25-□□□	161	258	258	2.1
NEW AUGH149-25-30-□□□	161	258	308	2.4
NEW AUGH149-25-36-□□□	161	258	368	2.7
NEW AUGH149-25-43-□□□	161	258	438	3.2
NEW AUGH149-30-25-□□□	161	308	258	2.4
NEW AUGH149-30-30-□□□	161	308	308	2.7
NEW AUGH149-30-36-□□□	161	308	368	3.0
NEW AUGH149-30-43-□□□	161	308	438	3.5
NEW AUGH149-30-50-□□□	161	308	508	3.9
NEW AUGH149-36-25-□□□	161	368	258	2.6
NEW AUGH149-36-30-□□□	161	368	308	3.0
NEW AUGH149-36-36-□□□	161	368	368	3.4
NEW AUGH149-36-43-□□□	161	368	438	3.9
NEW AUGH149-36-50-□□□	161	368	508	4.4
NEW AUGH149-43-25-□□□	161	438	258	3.0
NEW AUGH149-43-30-□□□	161	438	308	3.4
NEW AUGH149-43-36-□□□	161	438	368	3.8
NEW AUGH149-43-43-□□□	161	438	438	4.3
NEW AUGH149-43-50-□□□	161	438	508	4.9
NEW AUGH149-50-30-□□□	161	508	308	3.7
NEW AUGH149-50-36-□□□	161	508	368	4.2
NEW AUGH149-50-43-□□□	161	508	438	4.8
NEW AUGH149-50-50-□□□	161	508	508	5.4

Product no. / Details

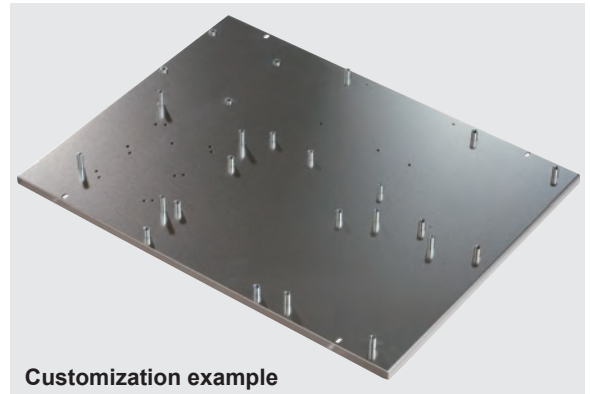
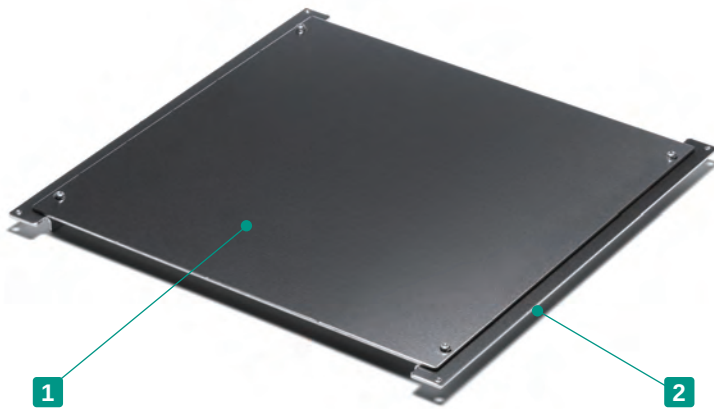
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)
AUGH177-16-25-□□□	189	168	258	1.9
AUGH177-16-30-□□□	189	168	308	2.1
AUGH177-16-36-□□□	189	168	368	2.4
AUGH177-16-43-□□□	189	168	438	2.8
AUGH177-20-25-□□□	189	208	258	2.1
AUGH177-20-30-□□□	189	208	308	2.4
AUGH177-20-36-□□□	189	208	368	2.7
AUGH177-20-43-□□□	189	208	438	3.1
AUGH177-25-25-□□□	189	258	258	2.3
AUGH177-25-30-□□□	189	258	308	2.6
AUGH177-25-36-□□□	189	258	368	3.0
AUGH177-25-43-□□□	189	258	438	3.4
AUGH177-30-25-□□□	189	308	258	2.6
AUGH177-30-30-□□□	189	308	308	2.9
AUGH177-30-36-□□□	189	308	368	3.3
AUGH177-30-43-□□□	189	308	438	3.8
AUGH177-30-50-□□□	189	308	508	4.2
AUGH177-36-25-□□□	189	368	258	2.9
AUGH177-36-30-□□□	189	368	308	3.2
AUGH177-36-36-□□□	189	368	368	3.6
AUGH177-36-43-□□□	189	368	438	4.2
AUGH177-36-50-□□□	189	368	508	4.7
AUGH177-43-25-□□□	189	438	258	3.2
AUGH177-43-30-□□□	189	438	308	3.6
AUGH177-43-36-□□□	189	438	368	4.1
AUGH177-43-43-□□□	189	438	438	4.7
AUGH177-43-50-□□□	189	438	508	5.2
AUGH177-50-30-□□□	189	508	308	4.0
AUGH177-50-36-□□□	189	508	368	4.5
AUGH177-50-43-□□□	189	508	438	5.1
AUGH177-50-50-□□□	189	508	508	5.7
NEW AUGH222-16-25-□□□	233.5	168	258	2.2
NEW AUGH222-16-30-□□□	233.5	168	308	2.5
NEW AUGH222-16-36-□□□	233.5	168	368	2.8
NEW AUGH222-16-43-□□□	233.5	168	438	3.3
NEW AUGH222-20-25-□□□	233.5	208	258	2.4
NEW AUGH222-20-30-□□□	233.5	208	308	2.7
NEW AUGH222-20-36-□□□	233.5	208	368	3.1
NEW AUGH222-20-43-□□□	233.5	208	438	3.5
NEW AUGH222-25-25-□□□	233.5	258	258	2.7
NEW AUGH222-25-30-□□□	233.5	258	308	3.0
NEW AUGH222-25-36-□□□	233.5	258	368	3.4
NEW AUGH222-25-43-□□□	233.5	258	438	3.9
NEW AUGH222-30-25-□□□	233.5	308	258	2.9
NEW AUGH222-30-30-□□□	233.5	308	308	3.3
NEW AUGH222-30-36-□□□	233.5	308	368	3.7
NEW AUGH222-30-43-□□□	233.5	308	438	4.2

Product no.	H	W	D	Weight (kg)
NEW AUGH222-30-50-□□□	233.5	308	508	4.8
NEW AUGH222-36-25-□□□	233.5	368	258	3.2
NEW AUGH222-36-30-□□□	233.5	368	308	3.6
NEW AUGH222-36-36-□□□	233.5	368	368	4.1
NEW AUGH222-36-43-□□□	233.5	368	438	4.7
NEW AUGH222-36-50-□□□	233.5	368	508	5.2
NEW AUGH222-43-25-□□□	233.5	438	258	3.6
NEW AUGH222-43-30-□□□	233.5	438	308	4.0
NEW AUGH222-43-36-□□□	233.5	438	368	4.6
NEW AUGH222-43-43-□□□	233.5	438	438	5.2
NEW AUGH222-43-50-□□□	233.5	438	508	5.8
NEW AUGH222-50-30-□□□	233.5	508	308	4.4
NEW AUGH222-50-36-□□□	233.5	508	368	5.0
NEW AUGH222-50-43-□□□	233.5	508	438	5.7
NEW AUGH222-50-50-□□□	233.5	508	508	6.3
NEW AUGH266-16-25-□□□	277.9	168	258	2.6
NEW AUGH266-16-30-□□□	277.9	168	308	3.0
NEW AUGH266-16-36-□□□	277.9	168	368	3.4
NEW AUGH266-16-43-□□□	277.9	168	438	3.9
NEW AUGH266-20-25-□□□	277.9	208	258	2.8
NEW AUGH266-20-30-□□□	277.9	208	308	3.2
NEW AUGH266-20-36-□□□	277.9	208	368	3.7
NEW AUGH266-20-43-□□□	277.9	208	438	4.2
NEW AUGH266-25-25-□□□	277.9	258	258	3.1
NEW AUGH266-25-30-□□□	277.9	258	308	3.5
NEW AUGH266-25-36-□□□	277.9	258	368	4.0
NEW AUGH266-25-43-□□□	277.9	258	438	4.6
NEW AUGH266-30-25-□□□	277.9	308	258	3.4
NEW AUGH266-30-30-□□□	277.9	308	308	3.8
NEW AUGH266-30-36-□□□	277.9	308	368	4.3
NEW AUGH266-30-43-□□□	277.9	308	438	5.0
NEW AUGH266-30-50-□□□	277.9	308	508	5.6
NEW AUGH266-36-25-□□□	277.9	368	258	3.7
NEW AUGH266-36-30-□□□	277.9	368	308	4.2
NEW AUGH266-36-36-□□□	277.9	368	368	4.7
NEW AUGH266-36-43-□□□	277.9	368	438	5.4
NEW AUGH266-36-50-□□□	277.9	368	508	6.1
NEW AUGH266-43-25-□□□	277.9	438	258	4.1
NEW AUGH266-43-30-□□□	277.9	438	308	4.6
NEW AUGH266-43-36-□□□	277.9	438	368	5.2
NEW AUGH266-43-43-□□□	277.9	438	438	5.9
NEW AUGH266-43-50-□□□	277.9	438	508	6.6
NEW AUGH266-50-30-□□□	277.9	508	308	5.1
NEW AUGH266-50-36-□□□	277.9	508	368	5.7
NEW AUGH266-50-43-□□□	277.9	508	438	6.5
NEW AUGH266-50-50-□□□	277.9	508	508	7.2

AUC series

MOUNTING PLATE for AU□ series



Customization example

■ See page CUSTOM-9 ~ CUSTOM-11 and our website for further details.

■ Mounting plate for AUR, AUPR, AUPRE, AUXR, AUXRE, AUGH, AUG, AUG, AU, AUP, AUPE, AUX, and AUXE series.

Components

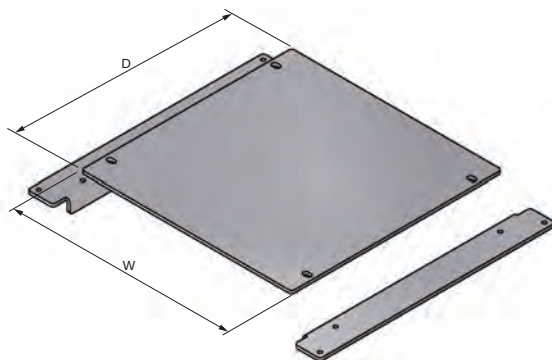
No.	Part name	Pcs	Material	Finish
1	Mounting plate	1	Aluminium A1050P t=2.0	Unfinished
2	L-bracket	2	Aluminium A1050P t=2.0	Unfinished

Included screw :

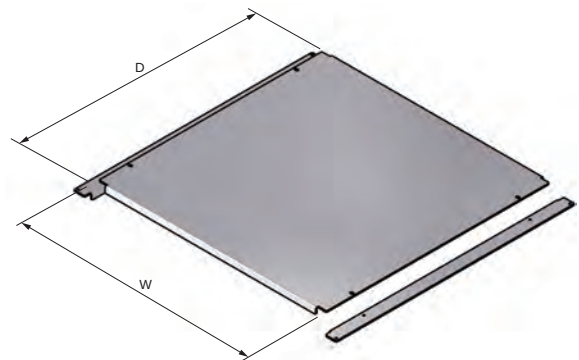
- Corner block M3 flat head : Nickel plated x 4
- Mounting plate M3-5 pan head : Trivalent chromate x 4

AUC dimensions

Non-reinforced (N) type



Reinforced (Y) type



■ DXF/DWG/PDF/STP drawings available on our website.

Product no. / Details

Product no.	W	D	Enclosure W x D	Reinforcement	Weight (g)
AUC16-16	108	108	160×160	N	102
AUC16-20	108	148	160×200	N	138
AUC16-25	108	198	160×250	N	181
AUC16-30	108	248	160×300	N	226
AUC16-36	108	308	160×360	N	279
AUC16-43	108	378	160×430	N	340
AUC20-16	148	108	200×160	N	126
AUC20-20	148	148	200×200	N	170
AUC20-25	148	198	200×250	N	224
AUC20-30	148	248	200×300	N	279
AUC20-36	148	308	200×360	N	345
AUC20-43	148	378	200×430	N	422
AUC25-16	198	108	250×160	N	155
AUC25-20	198	148	250×200	N	210
AUC25-25	198	198	250×250	N	278
AUC25-30	198	248	250×300	N	346
AUC25-36	198	308	250×360	N	428
AUC25-43	198	378	250×430	N	524
AUC30-16	248	108	300×160	N	184
AUC30-20	248	148	300×200	N	249
AUC30-25	248	198	300×250	N	331
AUC30-30	248	248	300×300	N	413
AUC30-36	248	308	300×360	N	512
AUC30-43	248	378	300×430	N	626
AUC30-50	248	448	300×500	N	741
AUC36-16	308	108	360×160	N	219
AUC36-20	308	148	360×200	N	297
AUC36-25	308	198	360×250	N	395
AUC36-30	308	248	360×300	N	494
AUC36-36	308	308	360×360	N	581
AUC36-43	308	378	360×430	N	749
AUC36-50	308	448	360×500	N	886
AUC43-16	378	108	430×160	Y	287
AUC43-20	378	148	430×200	Y	353
AUC43-25	378	198	430×250	Y	470
AUC43-30	378	248	430×300	Y	587
AUC43-36	378	308	430×360	Y	728
AUC43-43	378	378	430×430	Y	918
AUC43-50	378	448	430×500	Y	1,082
AUC50-30	448	248	500×300	Y	681
AUC50-36	448	308	500×360	Y	814
AUC50-43	448	378	500×430	Y	1,061
AUC50-50	448	448	500×500	Y	1,257
AUC60-36	548	308	600×360	Y	1,021
AUC60-43	548	378	600×430	Y	1,279

How to install AUC mounting plate

1. Install L-bracket onto countersunk screw hole on corner block.

2. Install mounting plate onto L-bracket with screws.

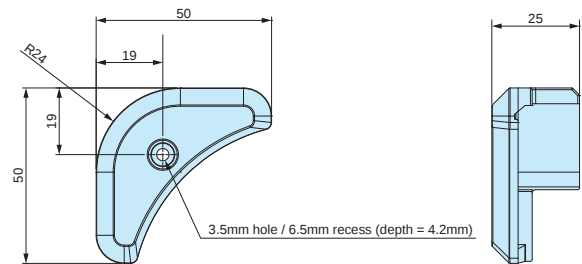


AUCG series

CORNER GUARD for AU□ series



AUCG dimensions



■ DXF/DWG/PDF drawings available on our website.

- Spare corner guard for AUGH, AUG and AUGE series. AUCG corner guard can also be installed on AU, AUP, AUPE, AUX, and AUXE series enclosures.
- 4 colors available: Black, Gray, Navy, and Red. Retailed as a pack of 8pcs.

Product no. / Details

Product no.				Weight (g)	Pack of
● Black	● Gray	● Navy	● Red		
AUCG-1B	AUCG-1G	AUCG-1N	AUCG-1R	9.5	8

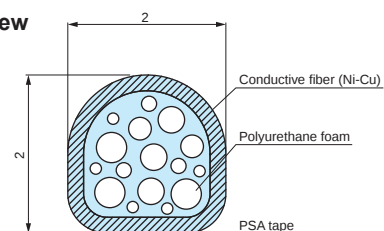
AEG-1000

EMC SHIELDING GASKET for AU□ series



- Spare EMC shielding gasket for AUPRE, AUXRE, AUGE, AUPE, and AUXE series enclosures. Installation on AUP and ARPR series is possible to allow it to be EMC shielded.

Cross section view

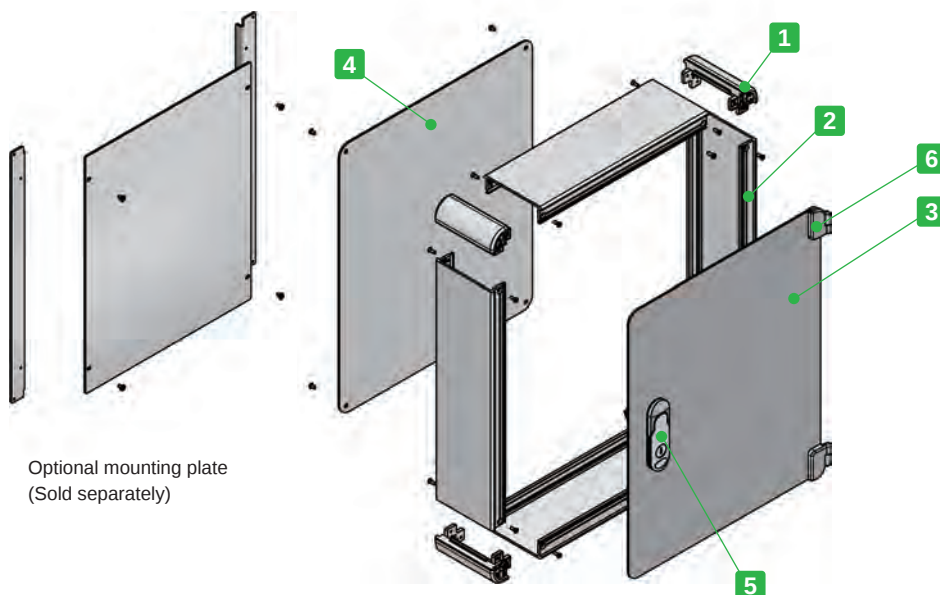


Product no. / Details

Product no.	Material	Color	Sales unit
AEG-1000	Conductive fiber UL94V-0	Metallic gray	1000mm x 1 pc



- Aluminium enclosure with opening/closing cover for easy access to the inside of the case.
- Flat handle is available in 2 configurations: Normal "N" type, and Key Lock "K" type.
- A large selection of 252 different sizes in 2 different colors to choose from.
- Suitable for use as industrial control panel, machine controller, power supply, and more.



Optional mounting plate
(Sold separately)

Included screws

- Bottom cover
M3-5 original trapezoid head & Nickel plated x 8 pcs
- Frame
M3-8 flat head & Nickel plated x 16 pcs
- Hinge
M3-5 flat head & Trivalent chromate x 2~3 pcs
M3 pan head & Trivalent chromate x 2~3 pcs

Recommended torque : 0.3 ~ 0.6N • m

* Recommended torque listed is for reference only;
actual may differ. Assemble after testing torque.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Corner block	4	Diecast aluminium ADC12	Silver / Black Painted (Unfinished inside)
2	Frame	4	Extruded aluminium A6063S-T5	Silver / Anodized with clear coating
3	Open-closing panel	1	Aluminium A1100P	Silver / Anodized
4	Screwed panel	1	Aluminium A1100P	Silver / Anodized
5	Flat handle (Key lock / Normal)	1 set	Diecast zinc	Silver / Painted
6	Hinge	1 set	Diecast zinc	Silver / Painted

To select Flat handle and Color, follow steps **1** ~ **2** below to determine product number.

1 Flat handle (Normal / Key lock)**2 Color****Product Number**

To determine a product number, fill H-W-D dimensions and select Flat handle and Color code in the following blank boxes.

AUH - -

H-W-D dimensions

See page P337 ~ 339 for dimensions / product no.

Handle
(N or K)

Color
(SS or SB)

Numbering example :

"H88 x W430 x D300mm, Normal Flat handle, SB Color"

➔ **AUH 88-43-30 NSB**

Accessories (Optional parts)

Mounting plate AUC series
See page 340



Adhesive panel protection pad
See page 339



Aluminium handle OH series
See website



DIN Rail FDR series
See page 100



Wall mount support arm MAR series
See page 273 ~ 274

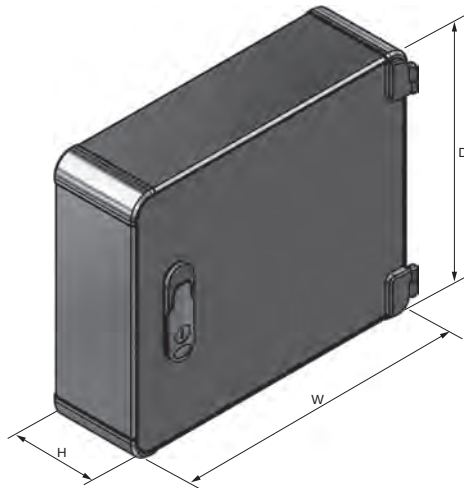
AUH dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

1x Flat handle, 2 x Hinge models

Applicable for models other than

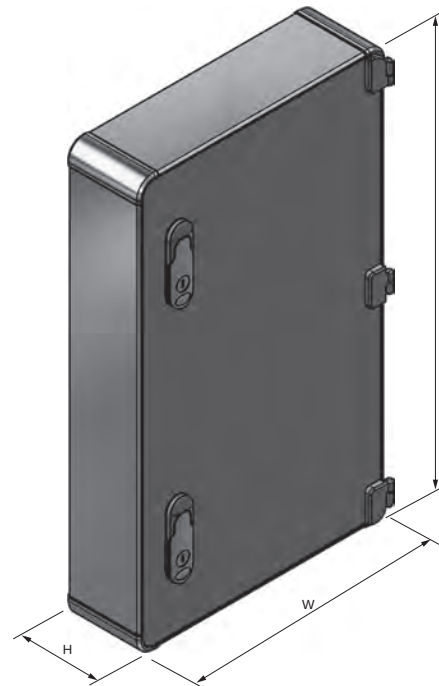
AUH□-30-50, □-36-50, □-36-60, □-43-50, □-43-60.



2 x Flat handle, 3 x Hinge models

Applicable for

AUH□-30-50, □-36-50, □-36-60, □-43-50, □-43-60.



Product no. / Details

■ Please suffix handle and color code at the end of the product number.

Product no.	H	W	D	Weight (kg)	Handle / Hinge qty
AUH66-16-20□□□	66	160	200	1.2	1 / 2
AUH66-16-25□□□	66	160	250	1.4	1 / 2
AUH66-16-30□□□	66	160	300	1.5	1 / 2
AUH66-20-20□□□	66	200	200	1.3	1 / 2
AUH66-20-25□□□	66	200	250	1.5	1 / 2
AUH66-20-30□□□	66	200	300	1.7	1 / 2
AUH66-20-36□□□	66	200	360	1.9	1 / 2
AUH66-25-25□□□	66	250	250	1.7	1 / 2
AUH66-25-30□□□	66	250	300	1.9	1 / 2
AUH66-25-36□□□	66	250	360	2.2	1 / 2
AUH66-25-43□□□	66	250	430	2.5	1 / 2
AUH66-30-20□□□	66	300	200	1.7	1 / 2
AUH66-30-25□□□	66	300	250	1.9	1 / 2
AUH66-30-30□□□	66	300	300	2.2	1 / 2
AUH66-30-36□□□	66	300	360	2.4	1 / 2
AUH66-30-43□□□	66	300	430	2.8	1 / 2
AUH66-30-50□□□	66	300	500	3.3	2 / 3
AUH66-36-25□□□	66	360	250	2.2	1 / 2
AUH66-36-30□□□	66	360	300	2.4	1 / 2
AUH66-36-36□□□	66	360	360	2.7	1 / 2
AUH66-36-43□□□	66	360	430	3.1	1 / 2
AUH66-36-50□□□	66	360	500	3.7	2 / 3
AUH66-36-60□□□	66	360	600	4.2	2 / 3
AUH66-43-30□□□	66	430	300	2.8	1 / 2
AUH66-43-36□□□	66	430	360	3.1	1 / 2
AUH66-43-43□□□	66	430	430	3.5	1 / 2
AUH66-43-50□□□	66	430	500	4.1	2 / 3
AUH66-43-60□□□	66	430	600	4.7	2 / 3

Product no.	H	W	D	Weight (kg)	Handle / Hinge qty
AUH88-16-20□□□	88	160	200	1.3	1 / 2
AUH88-16-25□□□	88	160	250	1.5	1 / 2
AUH88-16-30□□□	88	160	300	1.7	1 / 2
AUH88-20-20□□□	88	200	200	1.5	1 / 2
AUH88-20-25□□□	88	200	250	1.7	1 / 2
AUH88-20-30□□□	88	200	300	1.9	1 / 2
AUH88-20-36□□□	88	200	360	2.1	1 / 2
AUH88-25-25□□□	88	250	250	1.9	1 / 2
AUH88-25-30□□□	88	250	300	2.1	1 / 2
AUH88-25-36□□□	88	250	360	2.4	1 / 2
AUH88-25-43□□□	88	250	430	2.7	1 / 2
AUH88-30-20□□□	88	300	200	1.9	1 / 2
AUH88-30-25□□□	88	300	250	2.1	1 / 2
AUH88-30-30□□□	88	300	300	2.4	1 / 2
AUH88-30-36□□□	88	300	360	2.6	1 / 2
AUH88-30-43□□□	88	300	430	3.0	1 / 2
AUH88-30-50□□□	88	300	500	3.5	2 / 3
AUH88-36-25□□□	88	360	250	2.4	1 / 2
AUH88-36-30□□□	88	360	300	2.6	1 / 2
AUH88-36-36□□□	88	360	360	3.0	1 / 2
AUH88-36-43□□□	88	360	430	3.4	1 / 2
AUH88-36-50□□□	88	360	500	3.9	2 / 3
AUH88-36-60□□□	88	360	600	4.5	2 / 3
AUH88-43-30□□□	88	430	300	3.0	1 / 2
AUH88-43-36□□□	88	430	360	3.4	1 / 2
AUH88-43-43□□□	88	430	430	3.8	1 / 2
AUH88-43-50□□□	88	430	500	4.4	2 / 3
AUH88-43-60□□□	88	430	600	5.1	2 / 3

Product no. / Details

Product no.	H	W	D	Weight (kg)	Handle / Hinge qty
AUH 99-16-20□□□	99	160	200	1.3	1 / 2
AUH 99-16-25□□□	99	160	250	1.5	1 / 2
AUH 99-16-30□□□	99	160	300	1.7	1 / 2
AUH 99-20-20□□□	99	200	200	1.5	1 / 2
AUH 99-20-25□□□	99	200	250	1.7	1 / 2
AUH 99-20-30□□□	99	200	300	1.9	1 / 2
AUH 99-20-36□□□	99	200	360	2.1	1 / 2
AUH 99-25-25□□□	99	250	250	1.9	1 / 2
AUH 99-25-30□□□	99	250	300	2.1	1 / 2
AUH 99-25-36□□□	99	250	360	2.4	1 / 2
AUH 99-25-43□□□	99	250	430	2.7	1 / 2
AUH 99-30-20□□□	99	300	200	1.9	1 / 2
AUH 99-30-25□□□	99	300	250	2.1	1 / 2
AUH 99-30-30□□□	99	300	300	2.4	1 / 2
AUH 99-30-36□□□	99	300	360	2.7	1 / 2
AUH 99-30-43□□□	99	300	430	3.0	1 / 2
AUH 99-30-50□□□	99	300	500	3.6	2 / 3
AUH 99-36-25□□□	99	360	250	2.4	1 / 2
AUH 99-36-30□□□	99	360	300	2.7	1 / 2
AUH 99-36-36□□□	99	360	360	3.0	1 / 2
AUH 99-36-43□□□	99	360	430	3.4	1 / 2
AUH 99-36-50□□□	99	360	500	4.0	2 / 3
AUH 99-36-60□□□	99	360	600	4.6	2 / 3
AUH 99-43-30□□□	99	430	300	3.0	1 / 2
AUH 99-43-36□□□	99	430	360	3.4	1 / 2
AUH 99-43-43□□□	99	430	430	3.9	1 / 2
AUH 99-43-50□□□	99	430	500	4.5	2 / 3
AUH 99-43-60□□□	99	430	600	5.1	2 / 3
AUH115-16-20□□□	115	160	200	1.4	1 / 2
AUH115-16-25□□□	115	160	250	1.6	1 / 2
AUH115-16-30□□□	115	160	300	1.8	1 / 2
AUH115-20-20□□□	115	200	200	1.6	1 / 2
AUH115-20-25□□□	115	200	250	1.8	1 / 2
AUH115-20-30□□□	115	200	300	2.0	1 / 2
AUH115-20-36□□□	115	200	360	2.2	1 / 2
AUH115-25-25□□□	115	250	250	2.0	1 / 2
AUH115-25-30□□□	115	250	300	2.3	1 / 2
AUH115-25-36□□□	115	250	360	2.5	1 / 2
AUH115-25-43□□□	115	250	430	2.9	1 / 2
AUH115-30-20□□□	115	300	200	2.0	1 / 2
AUH115-30-25□□□	115	300	250	2.3	1 / 2
AUH115-30-30□□□	115	300	300	2.5	1 / 2
AUH115-30-36□□□	115	300	360	2.8	1 / 2
AUH115-30-43□□□	115	300	430	3.2	1 / 2
AUH115-30-50□□□	115	300	500	3.7	2 / 3
AUH115-36-25□□□	115	360	250	2.5	1 / 2
AUH115-36-30□□□	115	360	300	2.8	1 / 2
AUH115-36-36□□□	115	360	360	3.2	1 / 2
AUH115-36-43□□□	115	360	430	3.6	1 / 2
AUH115-36-50□□□	115	360	500	4.2	2 / 3
AUH115-36-60□□□	115	360	600	4.8	2 / 3
AUH115-43-30□□□	115	430	300	3.2	1 / 2
AUH115-43-36□□□	115	430	360	3.6	1 / 2
AUH115-43-43□□□	115	430	430	4.1	1 / 2
AUH115-43-50□□□	115	430	500	4.7	2 / 3
AUH115-43-60□□□	115	430	600	5.4	2 / 3
AUH133-16-20□□□	132.5	160	200	1.7	1 / 2
AUH133-16-25□□□	132.5	160	250	1.9	1 / 2
AUH133-16-30□□□	132.5	160	300	2.1	1 / 2
AUH133-20-20□□□	132.5	200	200	1.8	1 / 2
AUH133-20-25□□□	132.5	200	250	2.1	1 / 2
AUH133-20-30□□□	132.5	200	300	2.3	1 / 2
AUH133-20-36□□□	132.5	200	360	2.6	1 / 2
AUH133-25-25□□□	132.5	250	250	2.4	1 / 2

■ Please suffix handle and color code at the end of the product number.

Product no.	H	W	D	Weight (kg)	Handle / Hinge qty
AUH133-25-30□□□	132.5	250	300	2.6	1 / 2
AUH133-25-36□□□	132.5	250	360	2.9	1 / 2
AUH133-25-43□□□	132.5	250	430	3.3	1 / 2
AUH133-30-20□□□	132.5	300	200	2.3	1 / 2
AUH133-30-25□□□	132.5	300	250	2.6	1 / 2
AUH133-30-30□□□	132.5	300	300	2.9	1 / 2
AUH133-30-36□□□	132.5	300	360	3.3	1 / 2
AUH133-30-43□□□	132.5	300	430	3.7	1 / 2
AUH133-30-50□□□	132.5	300	500	4.2	2 / 3
AUH133-36-25□□□	132.5	360	250	2.9	1 / 2
AUH133-36-30□□□	132.5	360	300	3.3	1 / 2
AUH133-36-36□□□	132.5	360	360	3.6	1 / 2
AUH133-36-43□□□	132.5	360	430	4.1	1 / 2
AUH133-36-50□□□	132.5	360	500	4.7	2 / 3
AUH133-36-60□□□	132.5	360	600	5.4	2 / 3
AUH133-43-30□□□	132.5	430	300	3.7	1 / 2
AUH133-43-36□□□	132.5	430	360	4.1	1 / 2
AUH133-43-43□□□	132.5	430	430	4.6	1 / 2
AUH133-43-50□□□	132.5	430	500	5.3	2 / 3
AUH133-43-60□□□	132.5	430	600	6.0	2 / 3
AUH149-16-20□□□	149	160	200	1.7	1 / 2
AUH149-16-25□□□	149	160	250	1.9	1 / 2
AUH149-16-30□□□	149	160	300	2.2	1 / 2
AUH149-20-20□□□	149	200	200	1.9	1 / 2
AUH149-20-25□□□	149	200	250	2.1	1 / 2
AUH149-20-30□□□	149	200	300	2.4	1 / 2
AUH149-20-36□□□	149	200	360	2.7	1 / 2
AUH149-25-25□□□	149	250	250	2.4	1 / 2
AUH149-25-30□□□	149	250	300	2.7	1 / 2
AUH149-25-36□□□	149	250	360	3.0	1 / 2
AUH149-25-43□□□	149	250	430	3.4	1 / 2
AUH149-30-20□□□	149	300	200	2.4	1 / 2
AUH149-30-25□□□	149	300	250	2.7	1 / 2
AUH149-30-30□□□	149	300	300	3.0	1 / 2
AUH149-30-36□□□	149	300	360	3.4	1 / 2
AUH149-30-43□□□	149	300	430	3.8	1 / 2
AUH149-30-50□□□	149	300	500	4.4	2 / 3
AUH149-36-25□□□	149	360	250	3.0	1 / 2
AUH149-36-30□□□	149	360	300	3.4	1 / 2
AUH149-36-36□□□	149	360	360	3.8	1 / 2
AUH149-36-43□□□	149	360	430	4.2	1 / 2
AUH149-36-50□□□	149	360	500	4.9	2 / 3
AUH149-36-60□□□	149	360	600	5.6	2 / 3
AUH149-43-30□□□	149	430	300	3.8	1 / 2
AUH149-43-36□□□	149	430	360	4.2	1 / 2
AUH149-43-43□□□	149	430	430	4.8	1 / 2
AUH149-43-50□□□	149	430	500	5.5	2 / 3
AUH149-43-60□□□	149	430	600	6.2	2 / 3
AUH177-16-20□□□	177	160	200	1.9	1 / 2
AUH177-16-25□□□	177	160	250	2.1	1 / 2
AUH177-16-30□□□	177	160	300	2.4	1 / 2
AUH177-20-20□□□	177	200	200	2.1	1 / 2
AUH177-20-25□□□	177	200	250	2.4	1 / 2
AUH177-20-30□□□	177	200	300	2.6	1 / 2
AUH177-20-36□□□	177	200	360	3.0	1 / 2
AUH177-25-25□□□	177	250	250	2.7	1 / 2
AUH177-25-30□□□	177	250	300	3.0	1 / 2
AUH177-25-36□□□	177	250	360	3.3	1 / 2
AUH177-25-43□□□	177	250	430	3.7	1 / 2
AUH177-30-20□□□	177	300	200	2.6	1 / 2
AUH177-30-25□□□	177	300	250	3.0	1 / 2
AUH177-30-30□□□	177	300	300	3.3	1 / 2
AUH177-30-36□□□	177	300	360	3.7	1 / 2
AUH177-30-43□□□	177	300	430	4.1	1 / 2

Product no. / Details

Product no.	H	W	D	Weight (kg)	Handle / Hinge qty
AUH177-30-50□□□	177	300	500	4.8	2 / 3
AUH177-36-25□□□	177	360	250	3.3	1 / 2
AUH177-36-30□□□	177	360	300	3.7	1 / 2
AUH177-36-36□□□	177	360	360	4.1	1 / 2
AUH177-36-43□□□	177	360	430	4.6	1 / 2
AUH177-36-50□□□	177	360	500	5.3	2 / 3
AUH177-36-60□□□	177	360	600	6.0	2 / 3
AUH177-43-30□□□	177	430	300	4.1	1 / 2
AUH177-43-36□□□	177	430	360	4.6	1 / 2
AUH177-43-43□□□	177	430	430	5.2	1 / 2
AUH177-43-50□□□	177	430	500	5.9	2 / 3
AUH177-43-60□□□	177	430	600	6.7	2 / 3
AUH222-16-20□□□	221.5	161	201	2.2	1 / 2
AUH222-16-25□□□	221.5	161	251	2.5	1 / 2
AUH222-16-30□□□	221.5	161	301	2.7	1 / 2
AUH222-20-20□□□	221.5	201	201	2.4	1 / 2
AUH222-20-25□□□	221.5	201	251	2.7	1 / 2
AUH222-20-30□□□	221.5	201	301	3.0	1 / 2
AUH222-20-36□□□	221.5	201	361	3.4	1 / 2
AUH222-25-25□□□	221.5	251	251	3.1	1 / 2
AUH222-25-30□□□	221.5	251	301	3.4	1 / 2
AUH222-25-36□□□	221.5	251	361	3.8	1 / 2
AUH222-25-43□□□	221.5	251	431	4.3	1 / 2
AUH222-30-20□□□	221.5	301	201	3.0	1 / 2
AUH222-30-25□□□	221.5	301	251	3.4	1 / 2
AUH222-30-30□□□	221.5	301	301	3.8	1 / 2
AUH222-30-36□□□	221.5	301	361	4.2	1 / 2
AUH222-30-43□□□	221.5	301	431	4.7	1 / 2
AUH222-30-50□□□	221.5	301	501	5.4	2 / 3
AUH222-36-25□□□	221.5	361	251	3.8	1 / 2
AUH222-36-30□□□	221.5	361	301	4.2	1 / 2
AUH222-36-36□□□	221.5	361	361	4.7	1 / 2
AUH222-36-43□□□	221.5	361	431	5.2	1 / 2
AUH222-36-50□□□	221.5	361	501	6.0	2 / 3

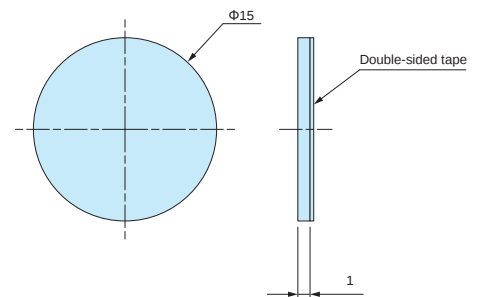
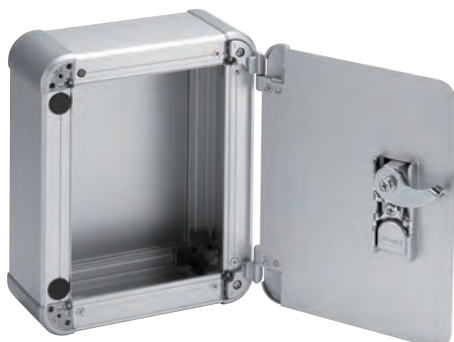
■ Please suffix handle and color code at the end of the product number.

Product no.	H	W	D	Weight (kg)	Handle / Hinge qty
AUH222-36-60□□□	221.5	361	601	6.7	2 / 3
AUH222-43-30□□□	221.5	431	301	4.7	1 / 2
AUH222-43-36□□□	221.5	431	361	5.2	1 / 2
AUH222-43-43□□□	221.5	431	431	5.8	1 / 2
AUH222-43-50□□□	221.5	431	501	6.6	2 / 3
AUH222-43-60□□□	221.5	431	601	7.5	2 / 3
AUH266-16-20□□□	265.9	161	201	2.6	1 / 2
AUH266-16-25□□□	265.9	161	251	3.0	1 / 2
AUH266-16-30□□□	265.9	161	301	3.3	1 / 2
AUH266-20-20□□□	265.9	201	201	2.9	1 / 2
AUH266-20-25□□□	265.9	201	251	3.3	1 / 2
AUH266-20-30□□□	265.9	201	301	3.7	1 / 2
AUH266-20-36□□□	265.9	201	361	4.1	1 / 2
AUH266-25-25□□□	265.9	251	251	3.7	1 / 2
AUH266-25-30□□□	265.9	251	301	4.1	1 / 2
AUH266-25-36□□□	265.9	251	361	4.6	1 / 2
AUH266-25-43□□□	265.9	251	431	5.2	1 / 2
AUH266-30-20□□□	265.9	301	201	3.7	1 / 2
AUH266-30-25□□□	265.9	301	251	4.1	1 / 2
AUH266-30-30□□□	265.9	301	301	4.6	1 / 2
AUH266-30-36□□□	265.9	301	361	5.1	1 / 2
AUH266-30-43□□□	265.9	301	431	5.7	1 / 2
AUH266-30-50□□□	265.9	301	501	6.5	2 / 3
AUH266-36-25□□□	265.9	361	251	4.6	1 / 2
AUH266-36-30□□□	265.9	361	301	5.1	1 / 2
AUH266-36-36□□□	265.9	361	361	5.6	1 / 2
AUH266-36-43□□□	265.9	361	431	6.3	1 / 2
AUH266-36-50□□□	265.9	361	501	7.1	2 / 3
AUH266-36-60□□□	265.9	361	601	8.0	2 / 3
AUH266-43-30□□□	265.9	431	301	5.7	1 / 2
AUH266-43-36□□□	265.9	431	361	6.3	1 / 2
AUH266-43-43□□□	265.9	431	431	7.0	1 / 2
AUH266-43-50□□□	265.9	431	501	7.9	2 / 3
AUH266-43-60□□□	265.9	431	601	8.9	2 / 3

Accessories (Optional parts)

ACP-15

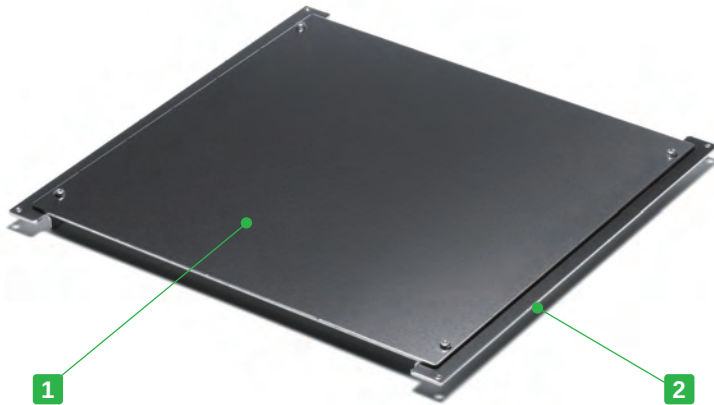
ADHESIVE PANEL PROTECTION PAD



■ Adhesive shock absorbing cushion for AUH series. Can be attached to the contact surface between the open-closing panel and the frame.

Product no. / Details

Product no.	Material	Color	Pack of
ACP-15	Polyolefin foam	Black	3

AUC series**MOUNTING PLATE for AUH**

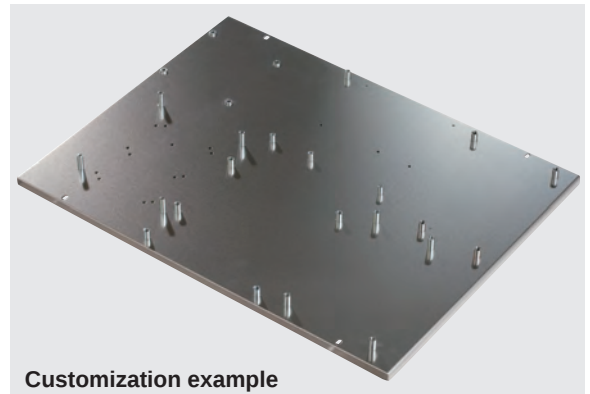
■ Mounting plate for AUH series.

Components

No.	Part name	Pcs	Material	Finish
1	Mounting plate	1	Aluminium A1050P t=2.0	Unfinished
2	L-bracket	2	Aluminium A1050P t=2.0	Unfinished

Included screw :

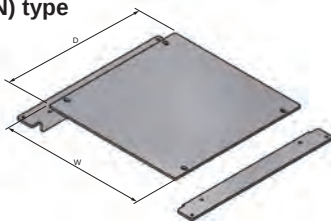
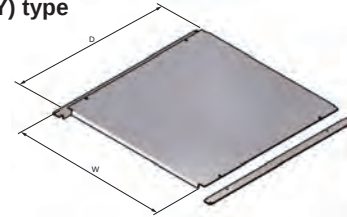
- Corner block M3 flat head : Nickel plated x 4
- Mounting plate M3-5 pan head : Trivalent chromate x 4

**Customization example**

■ See page Custom-6 and our website for further details.

AUC dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

Non-reinforced (N) type**Reinforced (Y) type****Product no. / Details**

Product no.	W	D	Enclosure H-W-D	Reinforcement	Weight (g)	Product no.	W	D	Enclosure H-W-D	Reinforcement	Weight (g)
AUC16-20	108	148	H-16-20	N	138	AUC30-36	248	308	H-30-36	N	512
AUC16-25	108	198	H-16-25	N	181	AUC30-43	248	378	H-30-43	N	626
AUC16-30	108	248	H-16-30	N	226	AUC30-50	248	448	H-30-50	N	741
AUC20-20	148	148	H-20-20	N	170	AUC36-25	308	198	H-36-25	N	395
AUC20-25	148	198	H-20-25	N	224	AUC36-30	308	248	H-36-30	N	494
AUC20-30	148	248	H-20-30	N	279	AUC36-36	308	308	H-36-36	N	581
AUC20-36	148	308	H-20-36	N	345	AUC36-43	308	378	H-36-43	N	749
AUC25-25	198	198	H-25-25	N	278	AUC36-50	308	448	H-36-50	N	886
AUC25-30	198	248	H-25-30	N	346	AUC43-30	378	248	H-43-30	Y	587
AUC25-36	198	308	H-25-36	N	428	AUC43-36	378	308	H-43-36	Y	728
AUC25-43	198	378	H-25-43	N	524	AUC43-43	378	378	H-43-43	Y	918
AUC30-20	248	148	H-30-20	N	249	AUC43-50	378	448	H-43-50	Y	1,082
AUC30-25	248	198	H-30-25	N	331	AUC60-36	548	308	H-60-36	Y	1,021
AUC30-30	248	248	H-30-30	N	413	AUC60-43	548	378	H-60-43	Y	1,279

How to install AUC mounting plate

1. Install L-bracket onto countersunk screw hole on corner block.



2. Install mounting plate onto L-bracket with screws.



FC series ALUMINIUM CONTROL BOX

FC and FCW series are applicable for various purposes such as control and switch box, touch panel display, monitor box, and more.

APPLICATION EXAMPLE

Ultrasonic Flow Detector



Coil Winding Machine



Remote Control Logger



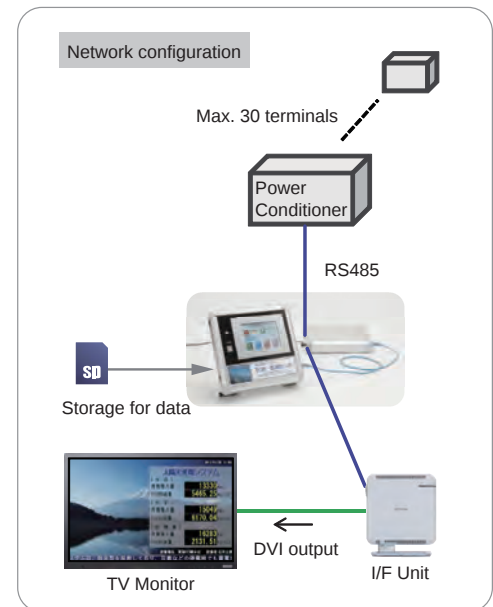
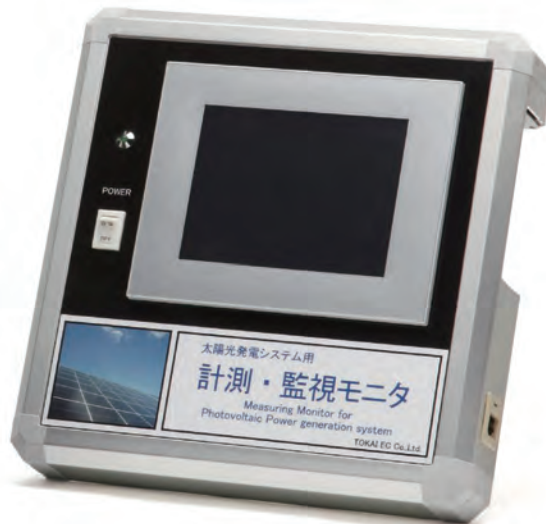
Streaming Video Provider



Linux Data Logger



Solar Monitoring System



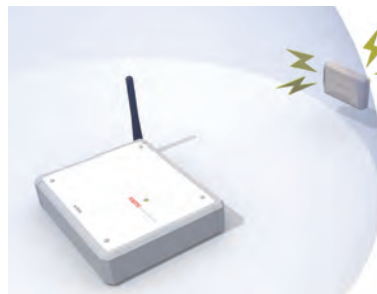
4 Channel Edge Node



Active RFID Tag Reader • Trigger



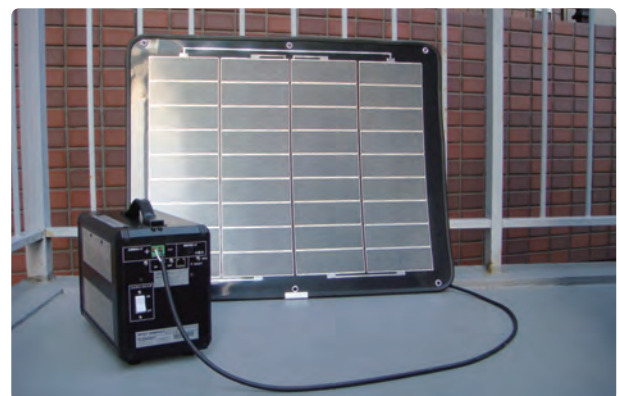
Hands-free type



Touch type



Compact Solar Power Supply



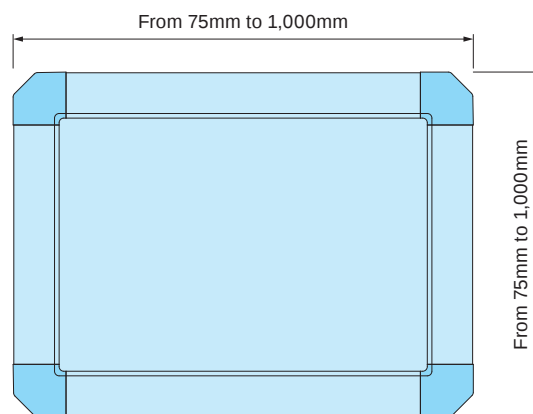


Technical Data

Protection class : IP40

- 175 different sizes in 4 different color variations available.
- Simple designed aluminium utility box composed of extruded aluminium frames, aluminium panels and ABS corner joints.
- Suitable for touch panel display, industrial control equipment, and various other devices.

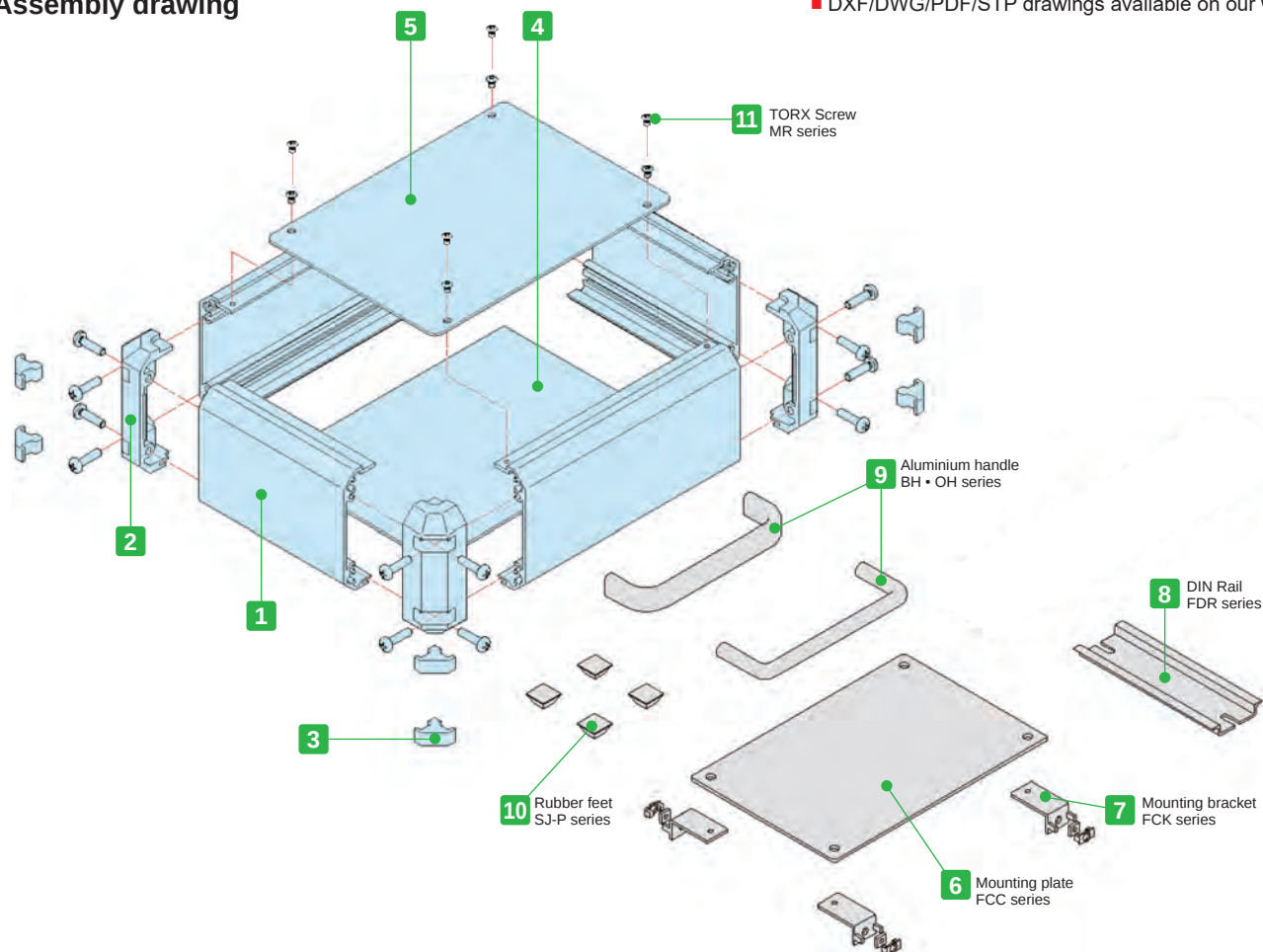
Custom width / length available in 1mm intervals



- Flexible frame width / length from 75mm to 1,000mm in 1mm intervals.
- No minimum order quantity and short lead time for small quantity order.

Assembly drawing

■ DXF/DWG/PDF/STP drawings available on our website.



Included screws

M4-15 pan head & Trivalent chromate x 16 pcs

(M3-15 for FC4 models)

M3-5 original trapezoid head (plus) & Nickel plated / Black trivalent chromate x 8 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	4	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Corner block	4	ABS UL94HB	Light gray • Black
3	Blind plug	8	Elastomer	Light gray • Black
4	Slide panel	1	Aluminium A1100P	Silver / Anodized • Black / Painted
5	Screwed panel	1	Aluminium A1100P	Silver / Anodized • Black / Painted

■ Panels are covered with a protective film on one side.

Accessories (Optional parts)



6 Mounting plate FCC series
See page 351



7 Mounting bracket FCK series
See page 352



8 DIN Rail FDR series
See page 100



9 Aluminium handle BH • OH series
See website



10 Rubber feet SJ-P series
See website



11 TORX screw MR3-5Z
See page 398



Wall mount support arm MAR series
See page 273 ~ 274

Color Type

G S		B S		B X		B B	
							
Panel	Silver	Panel	Silver	Panel	Silver	Panel	Black
Frame	Silver	Frame	Silver	Frame	Black	Frame	Black
Corner	Light gray	Corner	Black	Corner	Black	Corner	Black

Product no. / Details

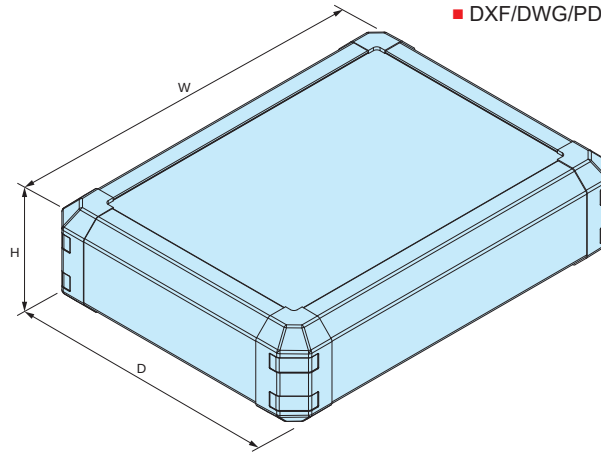
■ Please suffix color code at the end of the product number.

Product no.	H	W	D	Weight (kg)	Panel mount screw pcs
FC4- 9- 9□□	37.9	90	90	0.17	4
FC4-14- 9□□	37.9	140	90	0.24	4
FC4-14-14□□	37.9	140	140	0.33	4
FC4-19- 9□□	37.9	190	90	0.31	4
FC4-19-14□□	37.9	190	140	0.50	4
FC4-19-19□□	37.9	190	190	0.53	4
FC4-24-14□□	37.9	240	140	0.51	4
FC4-24-19□□	37.9	240	190	0.64	4
FC4-24-24□□	37.9	240	240	0.78	4
FC4-29-14□□	37.9	290	140	0.60	4
FC4-29-19□□	37.9	290	190	0.75	4
FC4-29-24□□	37.9	290	240	0.91	4
FC4-29-29□□	37.9	290	290	1.07	4
FC4-34-19□□	37.9	340	190	0.87	4
FC4-34-24□□	37.9	340	240	1.04	4
FC4-34-29□□	37.9	340	290	0.94	4
FC4-39-19□□	37.9	390	190	0.97	6
FC4-39-24□□	37.9	390	240	1.17	6
FC4-39-29□□	37.9	390	290	1.37	6
FC4-39-39□□	37.9	390	390	1.77	8
FC4-49-24□□	37.9	490	240	1.39	6
FC4-49-29□□	37.9	490	290	1.64	6
FC4-49-39□□	37.9	490	390	2.12	8
FC4-59-29□□	37.9	590	290	1.92	6
FC4-59-39□□	37.9	590	390	2.46	8
FC5-10-10□□	50.4	100	100	0.24	4
FC5-15-10□□	50.4	150	100	0.33	4
FC5-15-15□□	50.4	150	150	0.44	4
FC5-20-10□□	50.4	200	100	0.42	4
FC5-20-15□□	50.4	200	150	0.55	4
FC5-20-20□□	50.4	200	200	0.68	4
FC5-25-15□□	50.4	250	150	0.66	4
FC5-25-20□□	50.4	250	200	0.81	4
FC5-25-25□□	50.4	250	250	0.97	4
FC5-30-15□□	50.4	300	150	0.77	4
FC5-30-20□□	50.4	300	200	0.94	4
FC5-30-25□□	50.4	300	250	1.11	4
FC5-30-30□□	50.4	300	300	1.29	4
FC5-35-20□□	50.4	350	200	1.07	4
FC5-35-25□□	50.4	350	250	1.26	4
FC5-35-30□□	50.4	350	300	1.46	4
FC5-40-20□□	50.4	400	200	1.20	6
FC5-40-25□□	50.4	400	250	1.42	6
FC5-40-30□□	50.4	400	300	1.64	6

Product no.	H	W	D	Weight (kg)	Panel mount screw pcs
FC5-40-40□□	50.4	400	400	2.07	8
FC5-50-25□□	50.4	500	250	1.66	6
FC5-50-30□□	50.4	500	300	1.92	6
FC5-50-40□□	50.4	500	400	2.44	8
FC5-60-30□□	50.4	600	300	2.22	6
FC5-60-40□□	50.4	600	400	2.81	8
FC6-10-10□□	62.9	100	100	0.26	4
FC6-15-10□□	62.9	150	100	0.35	4
FC6-15-15□□	62.9	150	150	0.47	4
FC6-20-10□□	62.9	200	100	0.45	4
FC6-20-15□□	62.9	200	150	0.58	4
FC6-20-20□□	62.9	200	200	0.72	4
FC6-25-15□□	62.9	250	150	0.70	4
FC6-25-20□□	62.9	250	200	0.85	4
FC6-25-25□□	62.9	250	250	1.01	4
FC6-30-15□□	62.9	300	150	0.81	4
FC6-30-20□□	62.9	300	200	0.99	4
FC6-30-25□□	62.9	300	250	1.16	4
FC6-30-30□□	62.9	300	300	1.35	4
FC6-35-20□□	62.9	350	200	1.12	4
FC6-35-25□□	62.9	350	250	1.32	4
FC6-35-30□□	62.9	350	300	1.52	4
FC6-40-20□□	62.9	400	200	1.25	6
FC6-40-25□□	62.9	400	250	1.47	6
FC6-40-30□□	62.9	400	300	1.70	6
FC6-40-40□□	62.9	400	400	2.15	8
FC6-50-25□□	62.9	500	250	1.72	6
FC6-50-30□□	62.9	500	300	1.99	6
FC6-50-40□□	62.9	500	400	2.52	8
FC6-60-30□□	62.9	600	300	2.29	6
FC6-60-40□□	62.9	600	400	2.43	8
FC8-10-10□□	75.4	100	100	0.28	4
FC8-15-10□□	75.4	150	100	0.38	4
FC8-15-15□□	75.4	150	150	0.50	4
FC8-20-10□□	75.4	200	100	0.48	4
FC8-20-15□□	75.4	200	150	0.62	4
FC8-20-20□□	75.4	200	200	0.76	4
FC8-25-15□□	75.4	250	150	0.74	4
FC8-25-20□□	75.4	250	200	0.90	4
FC8-25-25□□	75.4	250	250	1.07	4
FC8-30-15□□	75.4	300	150	0.86	4
FC8-30-20□□	75.4	300	200	1.04	4
FC8-30-25□□	75.4	300	250	1.23	4
FC8-30-30□□	75.4	300	300	1.42	4

FC dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



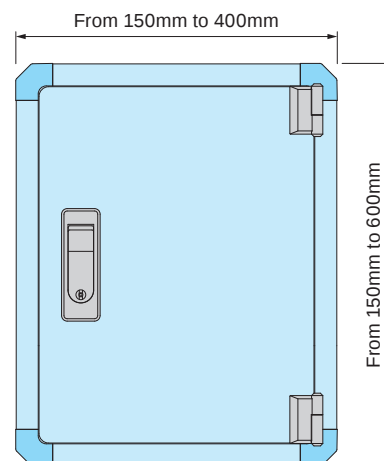
Product no.	H	W	D	Weight (kg)	Panel mount screw pcs
FC 8-35-20□□	75.4	350	200	1.19	4
FC 8-35-25□□	75.4	350	250	1.39	4
FC 8-35-30□□	75.4	350	300	1.51	4
FC 8-40-20□□	75.4	400	200	1.32	6
FC 8-40-25□□	75.4	400	250	1.46	6
FC 8-40-30□□	75.4	400	300	1.78	6
FC 8-40-40□□	75.4	400	400	2.24	8
FC 8-50-25□□	75.4	500	250	1.81	6
FC 8-50-30□□	75.4	500	300	2.08	6
FC 8-50-40□□	75.4	500	400	2.62	8
FC 8-60-30□□	75.4	600	300	2.39	6
FC 8-60-40□□	75.4	600	400	3.00	8
FC10-10-10□□	100.4	100	100	0.31	4
FC10-15-10□□	100.4	150	100	0.43	4
FC10-15-15□□	100.4	150	150	0.56	4
FC10-20-10□□	100.4	200	100	0.54	4
FC10-20-15□□	100.4	200	150	0.70	4
FC10-20-20□□	100.4	200	200	0.85	4
FC10-25-15□□	100.4	250	150	0.83	4
FC10-25-20□□	100.4	250	200	1.01	4
FC10-25-25□□	100.4	250	250	1.19	4
FC10-30-15□□	100.4	300	150	0.97	4
FC10-30-20□□	100.4	300	200	1.16	4
FC10-30-25□□	100.4	300	250	1.36	4
FC10-30-30□□	100.4	300	300	1.57	4
FC10-35-20□□	100.4	350	200	1.32	4
FC10-35-25□□	100.4	350	250	1.54	4
FC10-35-30□□	100.4	350	300	1.77	4
FC10-40-20□□	100.4	400	200	1.47	6
FC10-40-25□□	100.4	400	250	1.72	6
FC10-40-30□□	100.4	400	300	1.96	6
FC10-40-40□□	100.4	400	400	2.45	8
FC10-50-25□□	100.4	500	250	1.99	6
FC10-50-30□□	100.4	500	300	2.27	6
FC10-50-40□□	100.4	500	400	2.84	8
FC10-60-30□□	100.4	600	300	2.60	6
FC10-60-40□□	100.4	600	400	2.70	8
FC13-10-10□□	125.4	100	100	0.35	4
FC13-15-10□□	125.4	150	100	0.47	4
FC13-15-15□□	125.4	150	150	0.61	4
FC13-20-10□□	125.4	200	100	0.59	4
FC13-20-15□□	125.4	200	150	0.75	4
FC13-20-20□□	125.4	200	200	0.92	4
FC13-25-15□□	125.4	250	150	0.90	4

Product no.	H	W	D	Weight (kg)	Panel mount screw pcs
FC13-25-20□□	125.4	250	200	1.08	4
FC13-25-25□□	125.4	250	250	1.27	4
FC13-30-15□□	125.4	300	150	1.04	4
FC13-30-20□□	125.4	300	200	1.24	4
FC13-30-25□□	125.4	300	250	1.44	4
FC13-30-30□□	125.4	300	300	1.66	4
FC13-35-20□□	125.4	350	200	1.40	4
FC13-35-25□□	125.4	350	250	1.63	4
FC13-35-30□□	125.4	350	300	1.86	4
FC13-40-20□□	125.4	400	200	1.56	6
FC13-40-25□□	125.4	400	250	1.81	6
FC13-40-30□□	125.4	400	300	2.06	6
FC13-40-40□□	125.4	400	400	2.56	8
FC13-50-25□□	125.4	500	250	2.09	6
FC13-50-30□□	125.4	500	300	2.38	6
FC13-50-40□□	125.4	500	400	2.96	8
FC13-60-30□□	125.4	600	300	2.89	6
FC13-60-40□□	125.4	600	400	3.36	8
FC15-10-10□□	150.4	100	100	0.40	4
FC15-15-10□□	150.4	150	100	0.54	4
FC15-15-15□□	150.4	150	150	0.70	4
FC15-20-10□□	150.4	200	100	0.68	4
FC15-20-15□□	150.4	200	150	0.85	4
FC15-20-20□□	150.4	200	200	1.04	4
FC15-25-15□□	150.4	250	150	1.02	4
FC15-25-20□□	150.4	250	200	1.22	4
FC15-25-25□□	150.4	250	250	1.42	4
FC15-30-15□□	150.4	300	150	1.17	4
FC15-30-20□□	150.4	300	200	1.40	4
FC15-30-25□□	150.4	300	250	1.62	4
FC15-30-30□□	150.4	300	300	1.85	4
FC15-35-20□□	150.4	350	200	1.58	4
FC15-35-25□□	150.4	350	250	1.82	4
FC15-35-30□□	150.4	350	300	2.07	4
FC15-40-20□□	150.4	400	200	1.76	6
FC15-40-25□□	150.4	400	250	2.02	6
FC15-40-30□□	150.4	400	300	2.29	6
FC15-40-40□□	150.4	400	400	2.83	8
FC15-50-25□□	150.4	500	250	2.32	6
FC15-50-30□□	150.4	500	300	2.63	6
FC15-50-40□□	150.4	500	400	3.25	8
FC15-60-30□□	150.4	600	300	2.98	6
FC15-60-40□□	150.4	600	400	3.66	8



- 108 different sizes in 2 different color variations available.
- Easy access to the inside of the case with opening / closing cover.
- Both with and without key lock types are available.
- Suitable for touch panel display, industrial control equipment and many others.

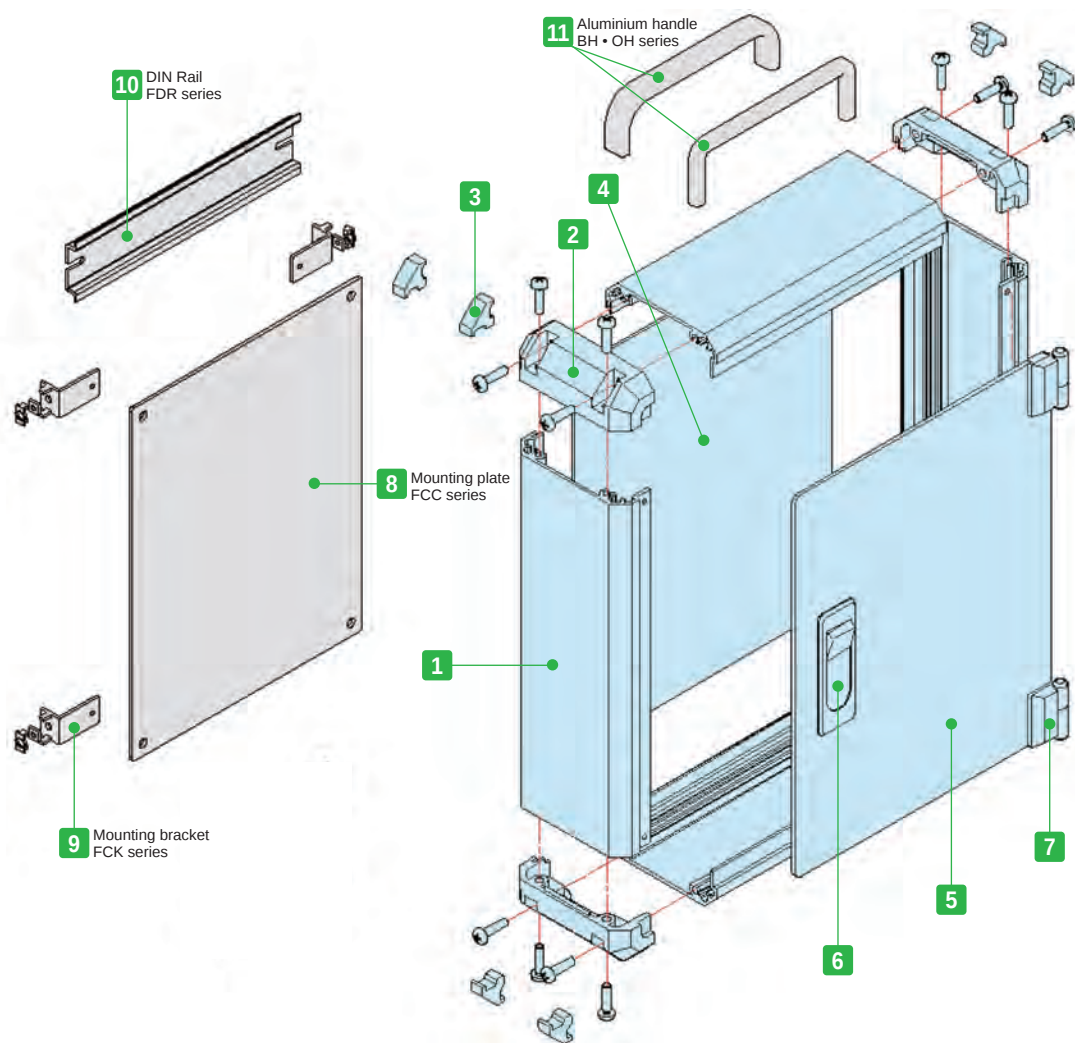
Custom width / length available



- Flexible frame width / length in 1mm intervals.
- No minimum order quantity and short lead time for small quantity order.

Assembly drawing

■ DXF/DWG/PDF/STP drawings available on our website.



Included screws

M4-15 pan head & Trivalent chromate x 16 pcs

M3-5 pan head & Trivalent chromate x 2 pcs or 3 pcs

M3-5 flat head & Trivalent chromate x 2 pcs or 3 pcs

M4-8 slotted raised countersunk & Trivalent chromate x 2 pcs or 4 pcs

M4-6 slotted raised countersunk & Trivalent chromate x 2 pcs or 4 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	4	Extruded aluminium A6063S-T5	Silver / Anodized with clear coating
2	Corner block	4	ABS UL94HB	Light gray • Black
3	Blind plug	8	Elastomer	Light gray • Black
4	Slide panel	1	Aluminium A1100P	Silver / Anodized
5	Open-closing panel	1	Aluminium A1100P	Silver / Anodized
6	Flat handle	1 set	Diecast Zinc	Silver / Painted
7	Hinge	1 set	Diecast Zinc	Silver / Painted

■ Panels are covered with a protective film on one side.

Accessories (Optional parts)



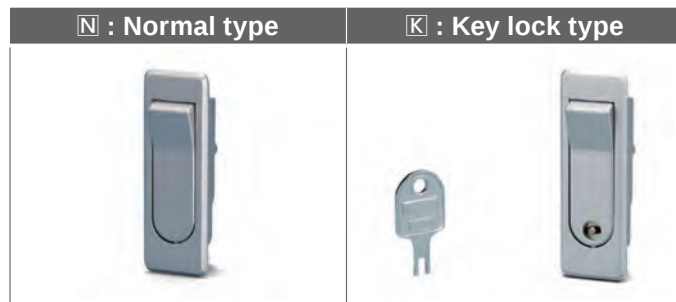
8 Mounting plate FCC series
See page 351

9 Mounting bracket FCK series
See page 352

10 DIN Rail FDR series
See page 100

11 Aluminium handle BH • OH series
See website

Flat Handle Type



Color Type

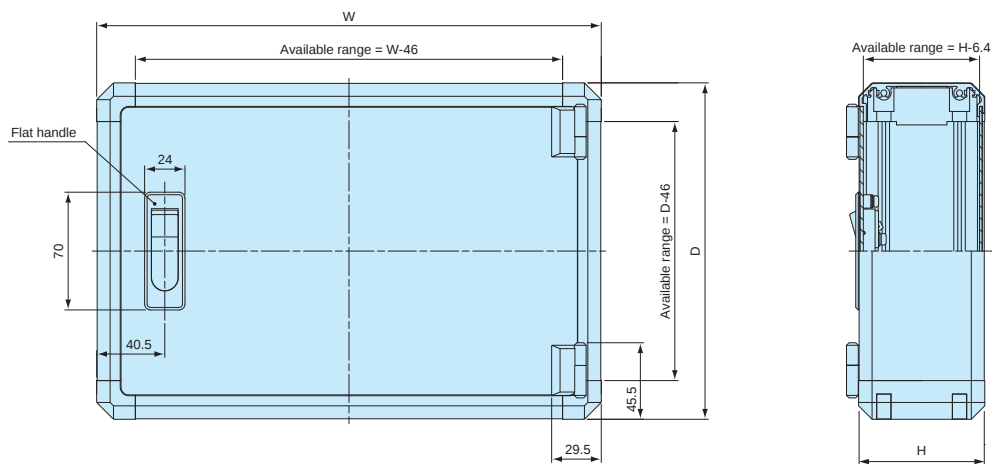


FCW dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

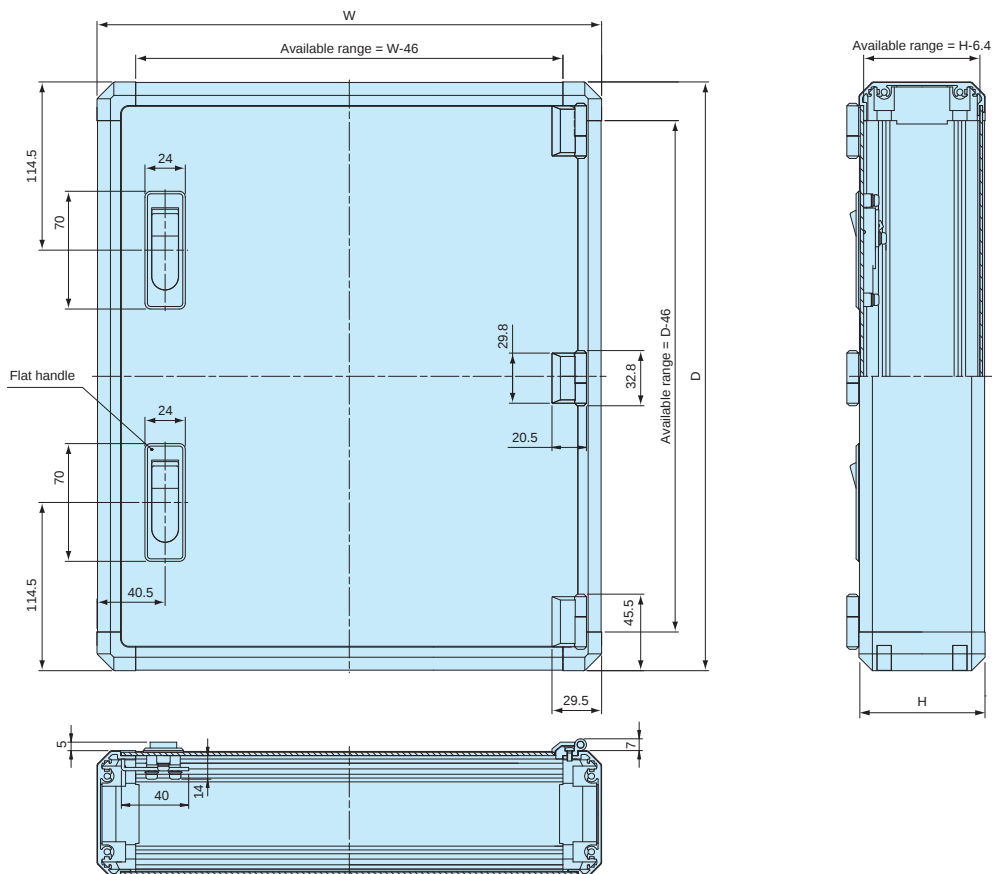
Handle - 1 pc / Hinge - 2 pcs type

Not applicable for FCW□-30-50, FCW□-40-50, and FCW□-40-60 models.



Handle - 2 pcs / Hinge - 3 pcs type

Applicable for FCW□-30-50, FCW□-40-50, and FCW□-40-60 models.



Specify your order with complete combination product number as per below

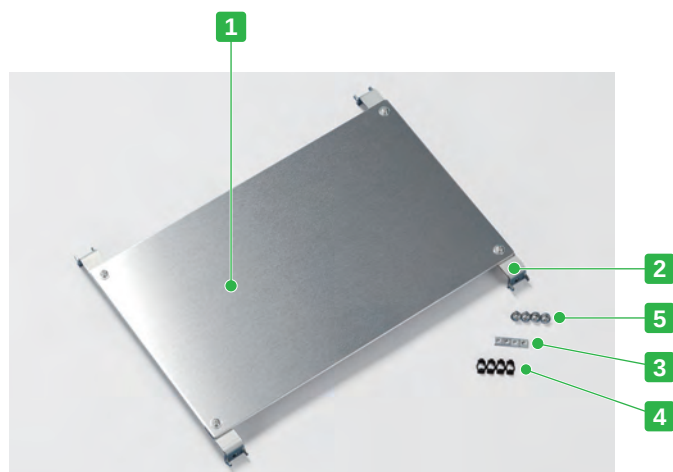
FCW 5 - 20 - 15Flat Handle Type
(N or K)Color Code
(GS or BS)**Product no. / Details**

Product no.	H	W	D	Weight (kg)	Flat handle / Hinge pcs
FCW5-15-20□□□	50.4	150	200	0.69	1 / 2
FCW5-15-25□□□	50.4	150	250	0.80	1 / 2
FCW5-20-15□□□	50.4	200	150	0.69	1 / 2
FCW5-20-20□□□	50.4	200	200	0.83	1 / 2
FCW5-20-25□□□	50.4	200	250	0.97	1 / 2
FCW5-20-30□□□	50.4	200	300	1.11	1 / 2
FCW5-25-25□□□	50.4	250	250	1.14	1 / 2
FCW5-25-30□□□	50.4	250	300	1.30	1 / 2
FCW5-25-40□□□	50.4	250	400	1.63	1 / 2
FCW5-30-20□□□	50.4	300	200	1.11	1 / 2
FCW5-30-30□□□	50.4	300	300	1.50	1 / 2
FCW5-30-40□□□	50.4	300	400	1.87	1 / 2
FCW5-30-50□□□	50.4	300	500	2.28	2 / 3
FCW5-35-25□□□	50.4	350	250	1.47	1 / 2
FCW5-40-30□□□	50.4	400	300	1.88	1 / 2
FCW5-40-40□□□	50.4	400	400	2.37	1 / 2
FCW5-40-50□□□	50.4	400	500	2.82	2 / 3
FCW5-40-60□□□	50.4	400	600	3.28	2 / 3
FCW6-15-20□□□	62.9	150	200	0.72	1 / 2
FCW6-15-25□□□	62.9	150	250	0.84	1 / 2
FCW6-20-15□□□	62.9	200	150	0.72	1 / 2
FCW6-20-20□□□	62.9	200	200	0.86	1 / 2
FCW6-20-25□□□	62.9	200	250	1.01	1 / 2
FCW6-20-30□□□	62.9	200	300	1.16	1 / 2
FCW6-25-25□□□	62.9	250	250	1.18	1 / 2
FCW6-25-30□□□	62.9	250	300	1.35	1 / 2
FCW6-25-40□□□	62.9	250	400	1.69	1 / 2
FCW6-30-20□□□	62.9	300	200	1.16	1 / 2
FCW6-30-30□□□	62.9	300	300	1.55	1 / 2
FCW6-30-40□□□	62.9	300	400	1.93	1 / 2
FCW6-30-50□□□	62.9	300	500	2.35	2 / 3
FCW6-35-25□□□	62.9	350	250	1.46	1 / 2
FCW6-40-30□□□	62.9	400	300	1.94	1 / 2
FCW6-40-40□□□	62.9	400	400	2.44	1 / 2
FCW6-40-50□□□	62.9	400	500	2.94	2 / 3
FCW6-40-60□□□	62.9	400	600	3.36	2 / 3
FCW8-15-20□□□	75.4	150	200	0.76	1 / 2
FCW8-15-25□□□	75.4	150	250	0.88	1 / 2
FCW8-20-15□□□	75.4	200	150	0.76	1 / 2
FCW8-20-20□□□	75.4	200	200	0.91	1 / 2
FCW8-20-25□□□	75.4	200	250	1.06	1 / 2
FCW8-20-30□□□	75.4	200	300	1.21	1 / 2
FCW8-25-25□□□	75.4	250	250	1.24	1 / 2
FCW8-25-30□□□	75.4	250	300	1.41	1 / 2
FCW8-25-40□□□	75.4	250	400	1.76	1 / 2
FCW8-30-20□□□	75.4	300	200	1.21	1 / 2
FCW8-30-30□□□	75.4	300	300	1.62	1 / 2
FCW8-30-40□□□	75.4	300	400	2.02	1 / 2
FCW8-30-50□□□	75.4	300	500	2.44	2 / 3
FCW8-35-25□□□	75.4	350	250	1.59	1 / 2
FCW8-40-30□□□	75.4	400	300	2.02	1 / 2
FCW8-40-40□□□	75.4	400	400	2.53	1 / 2
FCW8-40-50□□□	75.4	400	500	3.05	2 / 3
FCW8-40-60□□□	75.4	400	600	3.47	2 / 3

Product no.	H	W	D	Weight (kg)	Flat handle / Hinge pcs
FCW10-15-20□□□	100.4	150	200	0.83	1 / 2
FCW10-15-25□□□	100.4	150	250	0.97	1 / 2
FCW10-20-15□□□	100.4	200	150	0.83	1 / 2
FCW10-20-20□□□	100.4	200	200	1.00	1 / 2
FCW10-20-25□□□	100.4	200	250	1.17	1 / 2
FCW10-20-30□□□	100.4	200	300	1.33	1 / 2
FCW10-25-25□□□	100.4	250	250	1.36	1 / 2
FCW10-25-30□□□	100.4	250	300	1.55	1 / 2
FCW10-25-40□□□	100.4	250	400	1.93	1 / 2
FCW10-30-20□□□	100.4	300	200	1.34	1 / 2
FCW10-30-30□□□	100.4	300	300	1.77	1 / 2
FCW10-30-40□□□	100.4	300	400	2.20	1 / 2
FCW10-30-50□□□	100.4	300	500	2.64	2 / 3
FCW10-35-25□□□	100.4	350	250	1.74	1 / 2
FCW10-40-30□□□	100.4	400	300	2.21	1 / 2
FCW10-40-40□□□	100.4	400	400	2.74	1 / 2
FCW10-40-50□□□	100.4	400	500	3.27	2 / 3
FCW10-40-60□□□	100.4	400	600	3.71	2 / 3
FCW13-15-20□□□	125.4	150	200	0.89	1 / 2
FCW13-15-25□□□	125.4	150	250	1.04	1 / 2
FCW13-20-15□□□	125.4	200	150	0.89	1 / 2
FCW13-20-20□□□	125.4	200	200	1.06	1 / 2
FCW13-20-25□□□	125.4	200	250	1.32	1 / 2
FCW13-20-30□□□	125.4	200	300	1.41	1 / 2
FCW13-25-25□□□	125.4	250	250	1.44	1 / 2
FCW13-25-30□□□	125.4	250	300	1.63	1 / 2
FCW13-25-40□□□	125.4	250	400	2.02	1 / 2
FCW13-30-20□□□	125.4	300	200	1.41	1 / 2
FCW13-30-30□□□	125.4	300	300	1.94	1 / 2
FCW13-30-40□□□	125.4	300	400	2.30	1 / 2
FCW13-30-50□□□	125.4	300	500	2.74	2 / 3
FCW13-35-25□□□	125.4	350	250	1.83	1 / 2
FCW13-40-30□□□	125.4	400	300	2.30	1 / 2
FCW13-40-40□□□	125.4	400	400	2.86	1 / 2
FCW13-40-50□□□	125.4	400	500	3.39	2 / 3
FCW13-40-60□□□	125.4	400	600	3.84	2 / 3
FCW15-15-20□□□	150.4	150	200	0.96	1 / 2
FCW15-15-25□□□	150.4	150	250	1.07	1 / 2
FCW15-20-15□□□	150.4	200	150	0.91	1 / 2
FCW15-20-20□□□	150.4	200	200	1.18	1 / 2
FCW15-20-25□□□	150.4	200	250	1.37	1 / 2
FCW15-20-30□□□	150.4	200	300	1.57	1 / 2
FCW15-25-25□□□	150.4	250	250	1.59	1 / 2
FCW15-25-30□□□	150.4	250	300	1.80	1 / 2
FCW15-25-40□□□	150.4	250	400	2.23	1 / 2
FCW15-30-20□□□	150.4	300	200	1.57	1 / 2
FCW15-30-30□□□	150.4	300	300	2.05	1 / 2
FCW15-30-40□□□	150.4	300	400	2.53	1 / 2
FCW15-30-50□□□	150.4	300	500	2.99	2 / 3
FCW15-35-25□□□	150.4	350	250	2.02	1 / 2
FCW15-40-30□□□	150.4	400	300	2.53	1 / 2
FCW15-40-40□□□	150.4	400	400	3.12	1 / 2
FCW15-40-50□□□	150.4	400	500	3.68	2 / 3
FCW15-40-60□□□	150.4	400	600	4.14	2 / 3

FCC series

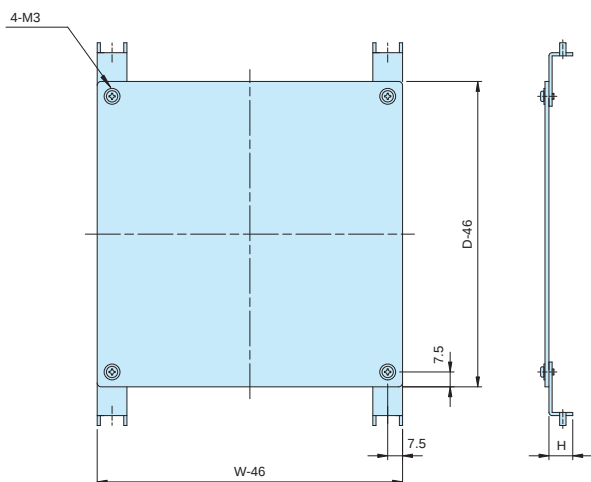
MOUNTING PLATE for FC • FCW



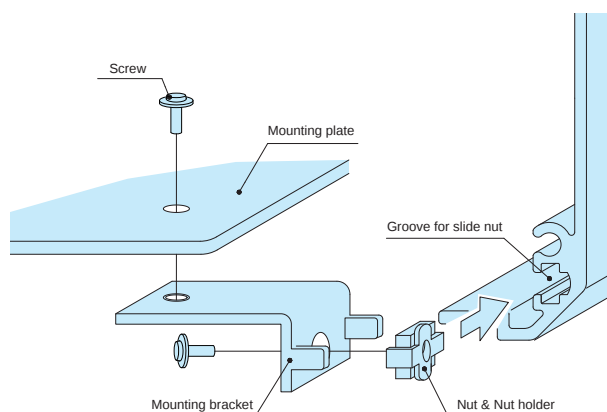
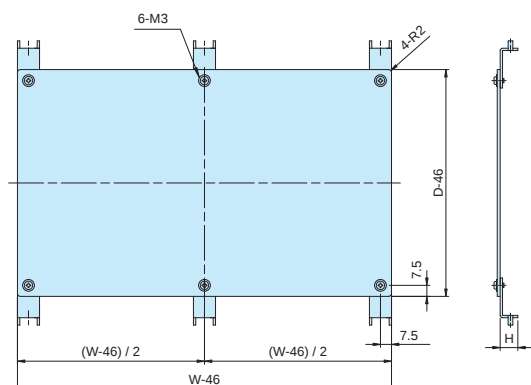
- The mounting bracket comes in 2 different height versions, 12mm and 22mm.
- Use 22mm height version when set on the open/close panel side of FCW series.
- Not suitable for FC4 (H = 37.9mm)
- Mounting brackets (FCK) are included with FCC series.

FCC drawings

For box size (W x D or D x W) 100 x 100mm to 350 x 300mm



For box size (W x D or D x W) 400/500/600 x 200/250/300 mm



How to assemble

- ① Slide a M3 nut and nut holder into the groove on the frame.
- ② Screw the mounting bracket into the nut holder.
- ③ Screw the mounting plate onto the mounting bracket.

Components

No.	Part name	Material	Color / Finish
1	Mounting plate	Aluminium A1050P t=2.0	Unfinished
2	Mounting bracket	Steel SECC t=1.6	Zinc coated
3	M3 nut	Steel SPCC t=1.6	Trivalent chromate
4	Nut holder	POM	Black
5	Screw M3-6 pan head	Steel	Trivalent chromate

Product no. / Details

Product no.	H	Box W x D or D x W	Product no.	H	Box W x D or D x W
FCC10-10-1	12	100 × 100	FCC10-10-2	22	100 × 100
FCC15-10-1	12	150 × 100	FCC15-10-2	22	150 × 100
FCC15-15-1	12	150 × 150	FCC15-15-2	22	150 × 150
FCC20-10-1	12	200 × 100	FCC20-10-2	22	200 × 100
FCC20-15-1	12	200 × 150	FCC20-15-2	22	200 × 150
FCC20-20-1	12	200 × 200	FCC20-20-2	22	200 × 200
FCC25-15-1	12	250 × 150	FCC25-15-2	22	250 × 150
FCC25-20-1	12	250 × 200	FCC25-20-2	22	250 × 200
FCC25-25-1	12	250 × 250	FCC25-25-2	22	250 × 250
FCC30-15-1	12	300 × 150	FCC30-15-2	22	300 × 150
FCC30-20-1	12	300 × 200	FCC30-20-2	22	300 × 200
FCC30-25-1	12	300 × 250	FCC30-25-2	22	300 × 250
FCC30-30-1	12	300 × 300	FCC30-30-2	22	300 × 300
FCC35-20-1	12	350 × 200	FCC35-20-2	22	350 × 200
FCC35-25-1	12	350 × 250	FCC35-25-2	22	350 × 250
FCC35-30-1	12	350 × 300	FCC35-30-2	22	350 × 300

Included screws: M3-6 pan head trivalent chromate with flat washer x 8 pcs

Product no. / Details

Product no.	H	Box W x D or D x W	Product no.	H	Box W x D or D x W
FCC40-20-1	12	400 × 200	FCC40-20-2	22	400 × 200
FCC40-25-1	12	400 × 250	FCC40-25-2	22	400 × 250
FCC40-30-1	12	400 × 300	FCC40-30-2	22	400 × 300
FCC50-25-1	12	500 × 250	FCC50-25-2	22	500 × 250
FCC50-30-1	12	500 × 300	FCC50-30-2	22	500 × 300
FCC60-30-1	12	600 × 300	FCC60-30-2	22	600 × 300

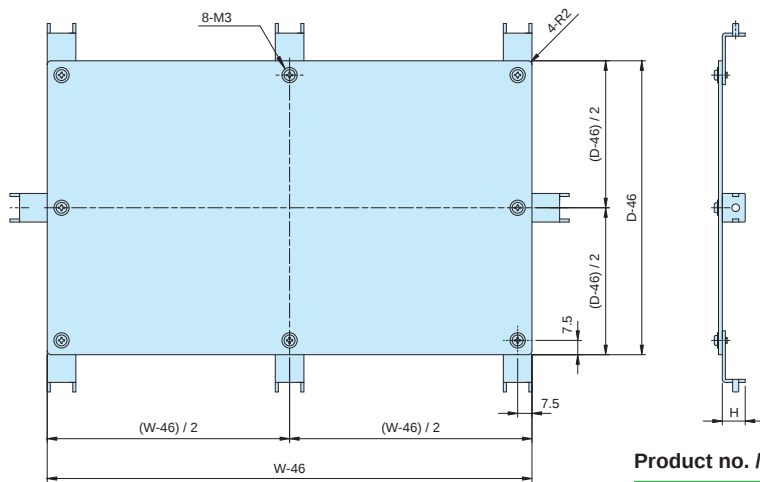
Included screws: M3-6 pan head trivalent chromate with flat washer x 12 pcs

■ DXF/DWG/PDF/STP drawings available on our website.

FCC drawings

■ DXF/DWG/PDF/STP drawings available on our website.

For box size (W x D or D x W) 400/500/600 x 400mm



Product no. / Details

Product no.	H	Box W x D or D x W	Product no.	H	Box W x D or D x W
FCC40-40-1	12	400 × 400	FCC40-40-2	22	400 × 400
FCC50-40-1	12	500 × 400	FCC50-40-2	22	500 × 400
FCC60-40-1	12	600 × 400	FCC60-40-2	22	600 × 400

Included screws: M3-6 pan head trivalent chromate with flat washer x 16 pcs

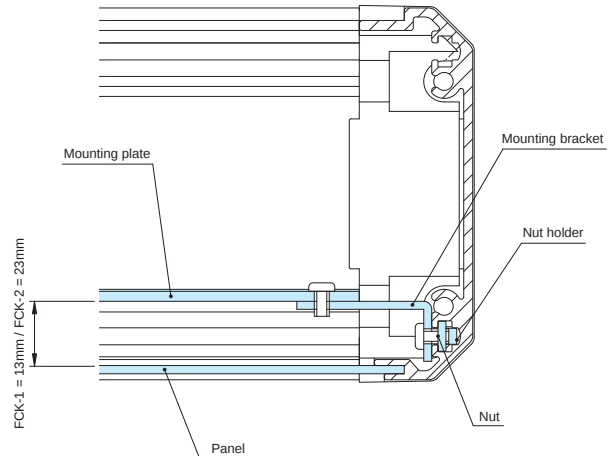
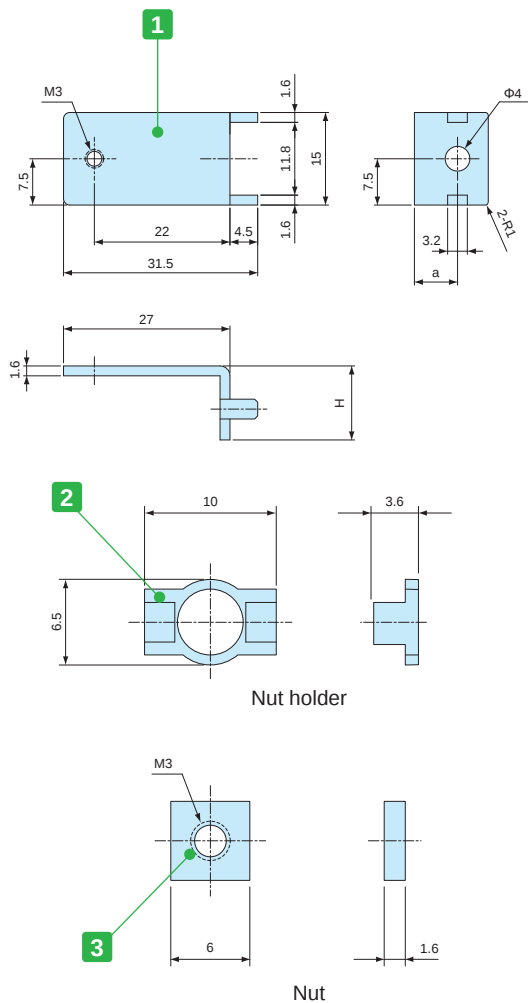
Accessories (Optional parts)

FCK series

MOUNTING BRACKET

FCK drawings

■ DXF/DWG/PDF drawings available on our website.



- 2 mounting brackets for PCB or DIN-Rail.
- FCK mounting bracket comes with FCC mounting plate.
Additional FCK is not required when purchasing FCC series.

■ Not suitable for FC4 (H = 37.9mm).

Components

No.	Part name	Material	Color / Finish
1	Mounting bracket	Steel SECC t=1.6	Zinc coated
2	Nut holder	POM	Black
3	M3 nut	Steel SPCC t=1.6	Trivalent chromate

Product no. / Details

Product no.	H	a	Pack of
FCK-1	12	7	10
FCK-2	22	17	10

Included screws: M3-6 pan head trivalent chromate with flat washer x 20 pcs

MULTI-FUNCTION EXTRUDED ALUMINIUM CASE

EXPT • EXP • EXPE • EXW • EXPF • EXEF • EXWF series

The following series, by utilizing similar extrusion frames, are available in 7 different types, such as IP65-rated, EMC-shielded versions, and more. 73 different sizes are available.

CORNER GUARD

EXP series Page 225 ~ 226



FLANGED

EXPF series Page 233 ~ 234



IP65 CORNER GUARD

EXW series Page 169 ~ 170



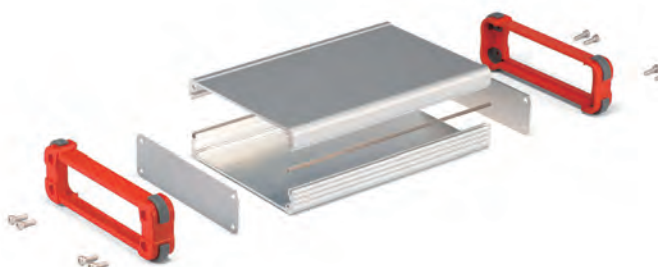
IP65 FLANGED

EXWF series Page 167 ~ 168



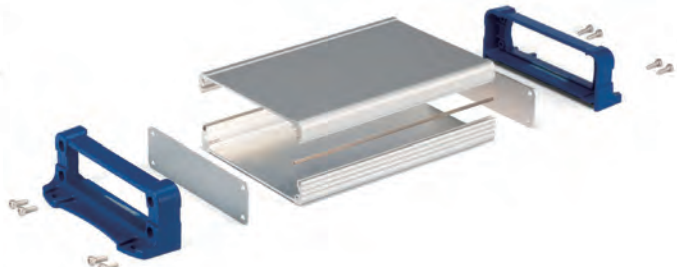
EMC CORNER GUARD

EXPE series Page 227 ~ 228



EMC FLANGED

EXEF series Page 235 ~ 236



WITH TILT LEG

EXPT series Page 229 ~ 230



Custom length available in 0.1mm intervals



16 COLOR COMBINATIONS

EXP series is available in 2 different body frame and 8 different exterior frame colors for a total of 16 different color types.



APPLICATION EXAMPLE

Measuring Instrument



Accessories (Optional parts)
Tilt leg TLW series
See page 239

Network / Communication Box



Controller



Ultrasonic Thickness Gauge



Radio Communication Tester



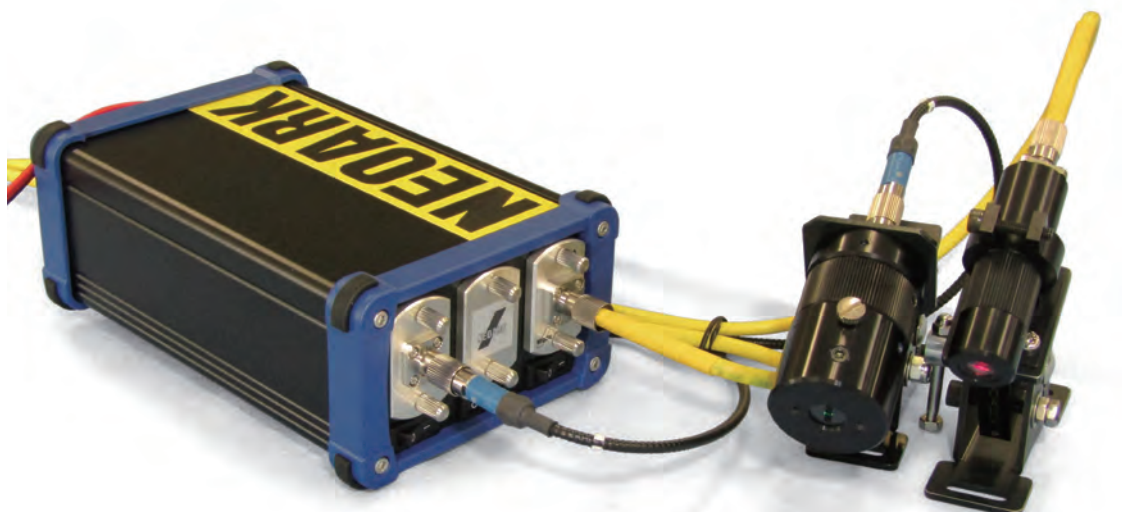
Tank Gauging System Interface Unit



Battery Monitoring System



Fiber Laser Projector



Desktop Load Cell Amplifier



ORAC Controller



Peristaltic DC Pump



Multi-Show Controller





- Corner guards are designed to be both aesthetically pleasing and impact resistant.
- Available in 73 different sizes and 16 different color combinations.
- Custom length is available.

Components

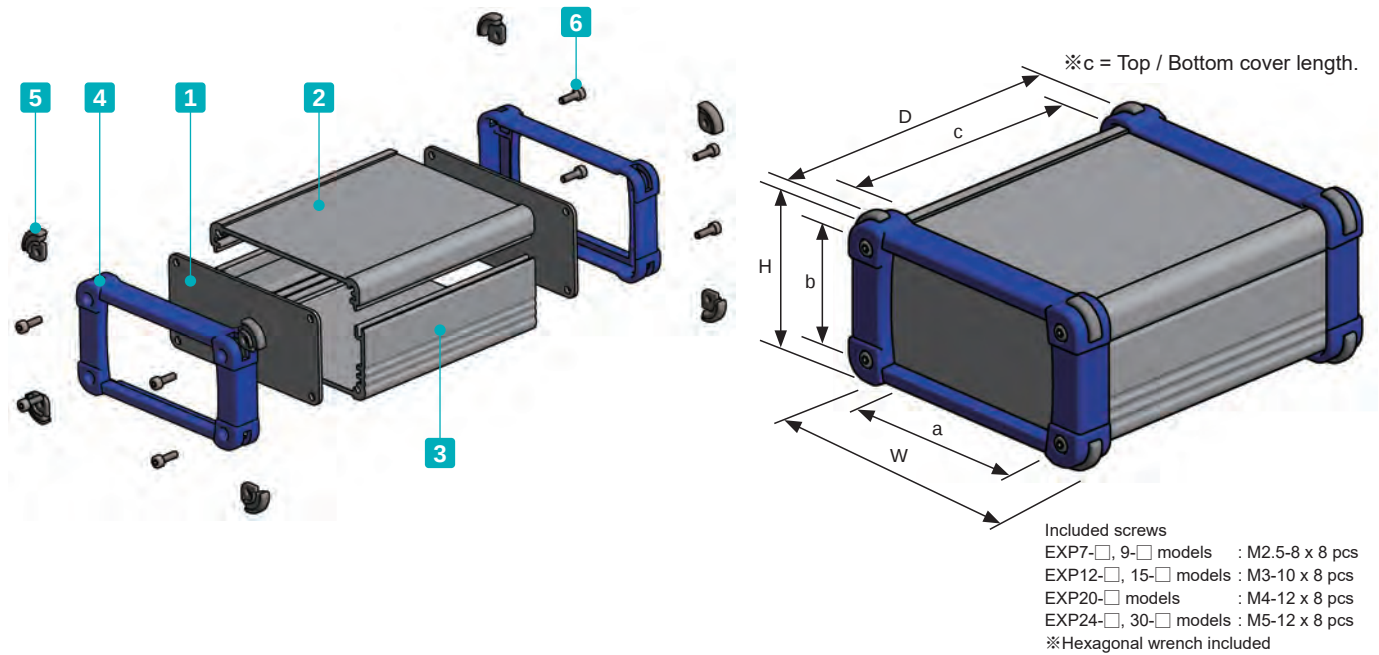
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Exterior frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Dark gray • Black
6	Screw (Hexagonal)	8	Stainless steel	Unfinished

Color Type

Code	[S][B] Silver / Black	[S][G] Silver / Gray	[S][I] Silver / Indigo	[S][N] Silver / Navy
Color				
Code	[S][L] Silver / Lime	[S][Y] Silver / Yellow	[S][O] Silver / Orange	[S][R] Silver / Red
Color				
Code	[B][B] Black / Black	[B][G] Black / Gray	[B][I] Black / Indigo	[B][N] Black / Navy
Color				
Code	[B][L] Black / Lime	[B][Y] Black / Yellow	[B][O] Black / Orange	[B][R] Black / Red
Color				

EXP dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



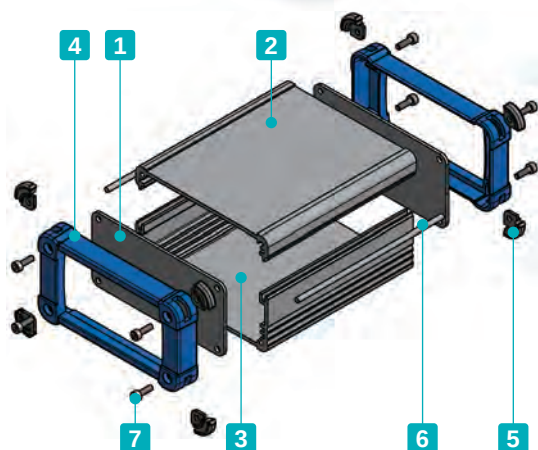
Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXP 7- 3- 6□□	69	34	60	46	19.6	46
EXP 7- 3- 9□□	69	34	87	46	19.6	73
EXP 7- 3-11□□	69	34	110	46	19.6	96
EXP 7- 4- 6□□	69	44	60	46	29.6	46
EXP 7- 4- 9□□	69	44	87	46	29.6	73
EXP 7- 4-11□□	69	44	110	46	29.6	96
EXP 7- 6- 6□□	69	59	60	46	44.6	46
EXP 7- 6- 9□□	69	59	87	46	44.6	73
EXP 7- 6-11□□	69	59	110	46	44.6	96
EXP 9- 4- 7□□	89	39	70	66	24.6	56
EXP 9- 4-10□□	89	39	100	66	24.6	86
EXP 9- 4-13□□	89	39	130	66	24.6	116
EXP 9- 5- 7□□	89	49	70	66	34.6	56
EXP 9- 5-10□□	89	49	100	66	34.6	86
EXP 9- 5-13□□	89	49	130	66	34.6	116
EXP 9- 6- 7□□	89	64	70	66	49.6	56
EXP 9- 6-10□□	89	64	100	66	49.6	86
EXP 9- 6-13□□	89	64	130	66	49.6	116
EXP12- 4- 9□□	116	41	90	88	24	74
EXP12- 4-13□□	116	41	130	88	24	114
EXP12- 4-18□□	116	41	176	88	24	160
EXP12- 6- 9□□	116	56	90	88	39	74
EXP12- 6-13□□	116	56	130	88	39	114
EXP12- 6-18□□	116	56	176	88	39	160
EXP12- 7- 9□□	116	71	90	88	54	74
EXP12- 7-13□□	116	71	130	88	54	114
EXP12- 7-18□□	116	71	176	88	54	160
EXP15- 5-11□□	151	46	110	106.8	29	93
EXP15- 5-15□□	151	46	150	106.8	29	133
EXP15- 5-20□□	151	46	200	106.8	29	183
EXP15- 6-11□□	151	61	110	106.8	44	93
EXP15- 6-15□□	151	61	150	106.8	44	133
EXP15- 6-20□□	151	61	200	106.8	44	183
EXP15- 8-11□□	151	81	110	106.8	64	93
EXP15- 8-15□□	151	81	150	106.8	64	133
EXP15- 8-20□□	151	81	200	106.8	64	183
EXP15-10-11□□	151	101	110	106.8	84	93
EXP15-10-15□□	151	101	150	106.8	84	133
EXP15-10-20□□	151	101	200	106.8	84	183

■ Custom length is available

Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXP20- 6-14□□	199	56	140	131	35	120
EXP20- 6-19□□	199	56	192	131	35	172
EXP20- 6-25□□	199	56	245	131	35	225
EXP20- 6-30□□	199	56	300	131	35	280
EXP20- 7-14□□	199	74	140	131	53	120
EXP20- 7-19□□	199	74	192	131	53	172
EXP20- 7-25□□	199	74	245	131	53	225
EXP20- 7-30□□	199	74	300	131	53	280
EXP20- 9-14□□	199	94	140	131	73	120
EXP20- 9-19□□	199	94	192	131	73	172
EXP20- 9-25□□	199	94	245	131	73	225
EXP20- 9-30□□	199	94	300	131	73	280
EXP20-12-14□□	199	119	140	131	98	120
EXP20-12-19□□	199	119	192	131	98	172
EXP20-12-25□□	199	119	245	131	98	225
EXP20-12-30□□	199	119	300	131	98	280
EXP24- 6-17□□	244	64	170	176	43	147
EXP24- 6-23□□	244	64	230	176	43	207
EXP24- 6-29□□	244	64	290	176	43	267
EXP24- 6-35□□	244	64	350	176	43	327
EXP24- 9-17□□	244	89	170	176	68	147
EXP24- 9-23□□	244	89	230	176	68	207
EXP24- 9-29□□	244	89	290	176	68	267
EXP24- 9-35□□	244	89	350	176	68	327
EXP24-11-17□□	244	114	170	176	93	147
EXP24-11-23□□	244	114	230	176	93	207
EXP24-11-29□□	244	114	290	176	93	267
EXP24-11-35□□	244	114	350	176	93	327
EXP30- 9-25□□	300	90	250	230	68	228
EXP30- 9-32□□	300	90	320	230	68	298
EXP30- 9-40□□	300	90	400	230	68	378
EXP30-14-25□□	300	140	250	230	118	228
EXP30-14-32□□	300	140	320	230	118	298
EXP30-14-40□□	300	140	400	230	118	378

EMC
Shielding

- Corner guards are designed to be both aesthetically pleasing and impact resistant.
- Available in 73 different sizes and 8 different color combinations.
- EMC shielding is achieved by having the unfinished inner sides of the top/bottom covers and panels, as well as the fabric-over-foam gasket in contact with one another.

Included screws

EXPE7-□, 9-□ models : M2.5-8 x 8 pcs

EXPE12-□, 15-□ models : M3-10 x 8 pcs

EXPE20-□ models : M4-12 x 8 pcs

EXPE24-□, 30-□ models : M5-12 x 8 pcs

※ Hexagonal wrench included

Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Metallic silver / Painted (Conductive inside)
2	Top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
3	Bottom cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
4	Exterior frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Dark gray • Black
6	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
7	Screw (Hexagonal)	8	Stainless steel	Unfinished

Color Type

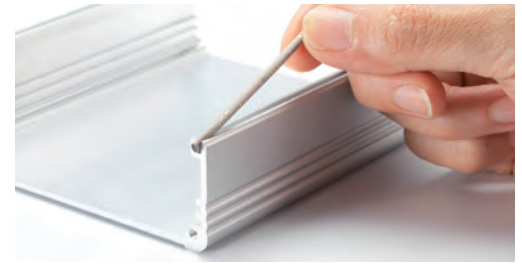
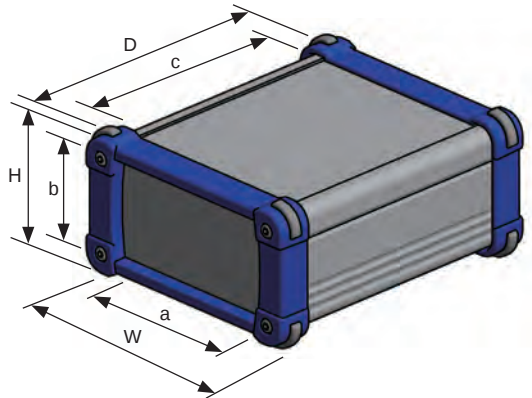
Code	[S] [B] Silver / Black	[S] [G] Silver / Gray	[S] [I] Silver / Indigo	[S] [N] Silver / Navy
Color				
Code	[S] [L] Silver / Lime	[S] [Y] Silver / Yellow	[S] [O] Silver / Orange	[S] [R] Silver / Red
Color				

EXPE dimensions

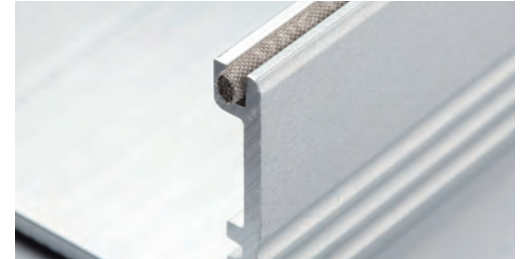
■ DXF/DWG/PDF/STP drawings available on our website.

How to install shield gaskets

※c = Top / Bottom cover length.



■ Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.



■ Ensure that a small portion of the fabric-over-foam gasket protrudes out in order to maintain connections with the end panels.

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXPE 7- 3- 6□□	69	34	60	46	19.6	46
EXPE 7- 3- 9□□	69	34	87	46	19.6	73
EXPE 7- 3-11□□	69	34	110	46	19.6	96
EXPE 7- 4- 6□□	69	44	60	46	29.6	46
EXPE 7- 4- 9□□	69	44	87	46	29.6	73
EXPE 7- 4-11□□	69	44	110	46	29.6	96
EXPE 7- 6- 6□□	69	59	60	46	44.6	46
EXPE 7- 6- 9□□	69	59	87	46	44.6	73
EXPE 7- 6-11□□	69	59	110	46	44.6	96
EXPE 9- 4- 7□□	89	39	70	66	24.6	56
EXPE 9- 4-10□□	89	39	100	66	24.6	86
EXPE 9- 4-13□□	89	39	130	66	24.6	116
EXPE 9- 5- 7□□	89	49	70	66	34.6	56
EXPE 9- 5-10□□	89	49	100	66	34.6	86
EXPE 9- 5-13□□	89	49	130	66	34.6	116
EXPE 9- 6- 7□□	89	64	70	66	49.6	56
EXPE 9- 6-10□□	89	64	100	66	49.6	86
EXPE 9- 6-13□□	89	64	130	66	49.6	116
EXPE12- 4- 9□□	116	41	90	88	24	74
EXPE12- 4-13□□	116	41	130	88	24	114
EXPE12- 4-18□□	116	41	176	88	24	160
EXPE12- 6- 9□□	116	56	90	88	39	74
EXPE12- 6-13□□	116	56	130	88	39	114
EXPE12- 6-18□□	116	56	176	88	39	160
EXPE12- 7- 9□□	116	71	90	88	54	74
EXPE12- 7-13□□	116	71	130	88	54	114
EXPE12- 7-18□□	116	71	176	88	54	160
EXPE15- 5-11□□	151	46	110	106.8	29	93
EXPE15- 5-15□□	151	46	150	106.8	29	133
EXPE15- 5-20□□	151	46	200	106.8	29	183
EXPE15- 6-11□□	151	61	110	106.8	44	93
EXPE15- 6-15□□	151	61	150	106.8	44	133
EXPE15- 6-20□□	151	61	200	106.8	44	183
EXPE15- 8-11□□	151	81	110	106.8	64	93
EXPE15- 8-15□□	151	81	150	106.8	64	133
EXPE15- 8-20□□	151	81	200	106.8	64	183
EXPE15-10-11□□	151	101	110	106.8	84	93
EXPE15-10-15□□	151	101	150	106.8	84	133
EXPE15-10-20□□	151	101	200	106.8	84	183

Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EXPE20- 6-14□□	199	56	140	131	35	120
EXPE20- 6-19□□	199	56	192	131	35	172
EXPE20- 6-25□□	199	56	245	131	35	225
EXPE20- 6-30□□	199	56	300	131	35	280
EXPE20- 7-14□□	199	74	140	131	53	120
EXPE20- 7-19□□	199	74	192	131	53	172
EXPE20- 7-25□□	199	74	245	131	53	225
EXPE20- 7-30□□	199	74	300	131	53	280
EXPE20- 9-14□□	199	94	140	131	73	120
EXPE20- 9-19□□	199	94	192	131	73	172
EXPE20- 9-25□□	199	94	245	131	73	225
EXPE20- 9-30□□	199	94	300	131	73	280
EXPE20-12-14□□	199	119	140	131	98	120
EXPE20-12-19□□	199	119	192	131	98	172
EXPE20-12-25□□	199	119	245	131	98	225
EXPE20-12-30□□	199	119	300	131	98	280
EXPE24- 6-17□□	244	64	170	176	43	147
EXPE24- 6-23□□	244	64	230	176	43	207
EXPE24- 6-29□□	244	64	290	176	43	267
EXPE24- 6-35□□	244	64	350	176	43	327
EXPE24- 9-17□□	244	89	170	176	68	147
EXPE24- 9-23□□	244	89	230	176	68	207
EXPE24- 9-29□□	244	89	290	176	68	267
EXPE24- 9-35□□	244	89	350	176	68	327
EXPE24-11-17□□	244	114	170	176	93	147
EXPE24-11-23□□	244	114	230	176	93	207
EXPE24-11-29□□	244	114	290	176	93	267
EXPE24-11-35□□	244	114	350	176	93	327
EXPE30- 9-25□□	300	90	250	230	68	228
EXPE30- 9-32□□	300	90	320	230	68	298
EXPE30- 9-40□□	300	90	400	230	68	378
EXPE30-14-25□□	300	140	250	230	118	228
EXPE30-14-32□□	300	140	320	230	118	298
EXPE30-14-40□□	300	140	400	230	118	378



Following models are suitable for Mini-ITX board size.

EXPE20-7-19□□

EXPE20-9-19□□

EXPE20-12-19□□

EXPT series

ALUMINIUM PANEL CASE with TILT LEG



■ Aluminium enclosure with tilt leg for measuring instrument use. Available in 30 different sizes and 16 different color combinations.

Components

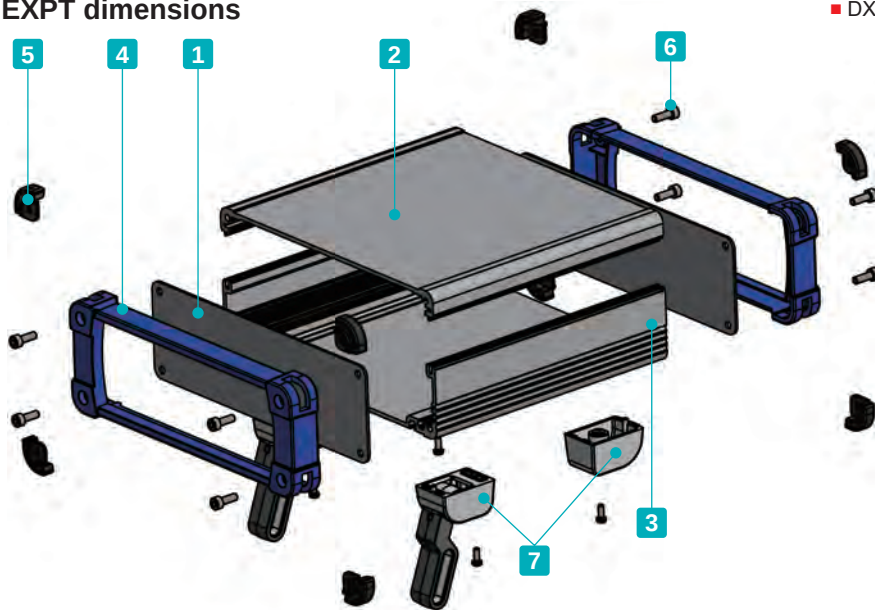
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Exterior frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Indigo • Navy • Lime • Yellow • Orange • Red / Painted
5	Corner guard	8	Silicone	Dark gray • Black
6	Screw (Hexagonal)	8	Stainless steel	Unfinished
7	Tilt leg	1 set	PC+ABS UL94V-0, TPE	Black & Black • Navy & Gray • Light gray & Gray

Color Type

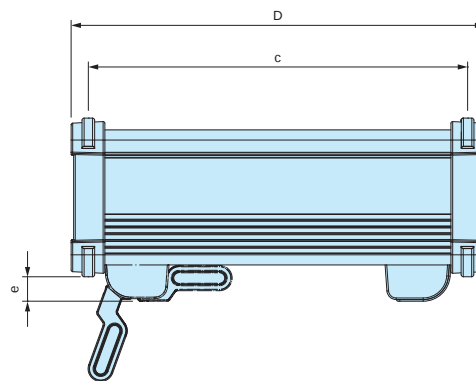
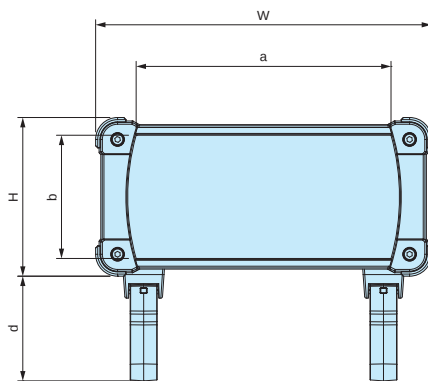
Code	[S][B] Silver / Black	[S][G] Silver / Gray	[S][I] Silver / Indigo	[S][N] Silver / Navy
Color				
Code	[S][L] Silver / Lime	[S][Y] Silver / Yellow	[S][O] Silver / Orange	[S][R] Silver / Red
Color				
Code	[B][B] Black / Black	[B][G] Black / Gray	[B][I] Black / Indigo	[B][N] Black / Navy
Color				
Code	[B][L] Black / Lime	[B][Y] Black / Yellow	[B][O] Black / Orange	[B][R] Black / Red
Color				

EXPT dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Included screws
 EXPT20-□ models : M4-12 x 8 pcs
 EXPT24-□, 30-□ models : M5-12 x 8 pcs
 ※Hexagonal wrench included



※c = Top / Bottom cover length.

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	External dimensions			Internal dimensions				
	W	H	D	a	b	c	d	e
EXPT20- 6-19□□	199	56	192	131	35	172	62	14.5
EXPT20- 6-25□□	199	56	245	131	35	225	62	14.5
EXPT20- 6-30□□	199	56	300	131	35	280	62	14.5
EXPT20- 7-19□□	199	74	192	131	53	172	62	14.5
EXPT20- 7-25□□	199	74	245	131	53	225	62	14.5
EXPT20- 7-30□□	199	74	300	131	53	280	62	14.5
EXPT20- 9-19□□	199	94	192	131	73	172	62	14.5
EXPT20- 9-25□□	199	94	245	131	73	225	62	14.5
EXPT20- 9-30□□	199	94	300	131	73	280	62	14.5
EXPT20-12-19□□	199	119	192	131	98	172	62	14.5
EXPT20-12-25□□	199	119	245	131	98	225	62	14.5
EXPT20-12-30□□	199	119	300	131	98	280	62	14.5
EXPT24- 6-17□□	244	64	170	176	43	147	62	14.5
EXPT24- 6-23□□	244	64	230	176	43	207	62	14.5
EXPT24- 6-29□□	244	64	290	176	43	267	62	14.5
EXPT24- 6-35□□	244	64	350	176	43	327	62	14.5
EXPT24- 9-17□□	244	89	170	176	68	147	62	14.5
EXPT24- 9-23□□	244	89	230	176	68	207	62	14.5
EXPT24- 9-29□□	244	89	290	176	68	267	62	14.5
EXPT24- 9-35□□	244	89	350	176	68	327	62	14.5
EXPT24-11-17□□	244	114	170	176	93	147	62	14.5
EXPT24-11-23□□	244	114	230	176	93	207	62	14.5
EXPT24-11-29□□	244	114	290	176	93	267	62	14.5
EXPT24-11-35□□	244	114	350	176	93	327	62	14.5
EXPT30- 9-25□□	300	90	250	230	68	228	61.5	14
EXPT30- 9-32□□	300	90	320	230	68	298	61.5	14
EXPT30- 9-40□□	300	90	400	230	68	378	61.5	14
EXPT30-14-25□□	300	140	250	230	118	228	61.5	14
EXPT30-14-32□□	300	140	320	230	118	298	61.5	14
EXPT30-14-40□□	300	140	400	230	118	378	61.5	14



- Equipped with flanged frame for easy wall mounting.
- Available in 67 different sizes and 6 different color combinations by 2 body frame and 3 end panel colors.
- Custom length is available.

Included screws

EXPF 7-□, 9-□ models : M2.5-8 x 8 pcs

EXPF11-□, 15-□ models : M3-10 x 8 pcs

EXPF20-□ models : M4-12 x 8 pcs

EXPF24-□ models : M5-12 x 8 pcs

※Hexagonal wrench included

Components

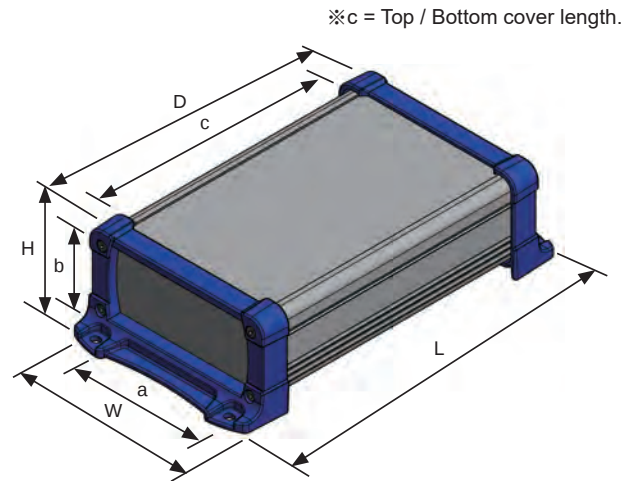
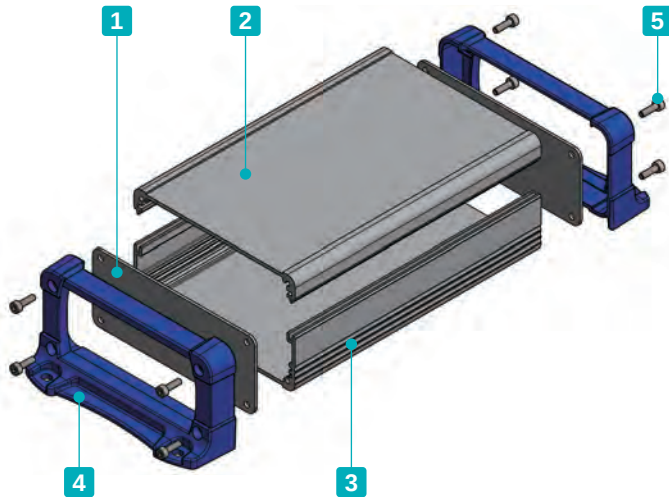
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Silver / Anodized • Black / Painted
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flanged frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Navy / Painted
5	Screw (Hexagonal)	8	Stainless steel	Unfinished

Color Type

Code	[S][B] Silver / Black	[S][G] Silver / Gray	[S][N] Silver / Navy
Color			
Code	[B][B] Black / Black	[B][G] Black / Gray	[B][N] Black / Navy
Color			

EXPF dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXPF 7- 3- 6□□	66	34	60	84	46	19.6	46
EXPF 7- 3- 9□□	66	34	87	111	46	19.6	73
EXPF 7- 3-11□□	66	34	110	134	46	19.6	96
EXPF 7- 4- 6□□	66	44	60	84	46	29.6	46
EXPF 7- 4- 9□□	66	44	87	111	46	29.6	73
EXPF 7- 4-11□□	66	44	110	134	46	29.6	96
EXPF 7- 6- 6□□	66	59	60	84	46	44.6	46
EXPF 7- 6- 9□□	66	59	87	111	46	44.6	73
EXPF 7- 6-11□□	66	59	110	134	46	44.6	96
EXPF 9- 4- 7□□	86	39	70	95.8	66	24.6	56
EXPF 9- 4-10□□	86	39	100	125.8	66	24.6	86
EXPF 9- 4-13□□	86	39	130	155.8	66	24.6	116
EXPF 9- 5- 7□□	86	49	70	95.8	66	34.6	56
EXPF 9- 5-10□□	86	49	100	125.8	66	34.6	86
EXPF 9- 5-13□□	86	49	130	155.8	66	34.6	116
EXPF 9- 6- 7□□	86	64	70	95.8	66	49.6	56
EXPF 9- 6-10□□	86	64	100	125.8	66	49.6	86
EXPF 9- 6-13□□	86	64	130	155.8	66	49.6	116
EXPF11- 4- 9□□	113	41.5	90	121.8	88	24	74
EXPF11- 4-13□□	113	41.5	130	161.8	88	24	114
EXPF11- 4-18□□	113	41.5	176	207.8	88	24	160
EXPF11- 6- 9□□	113	56.5	90	121.8	88	39	74
EXPF11- 6-13□□	113	56.5	130	161.8	88	39	114
EXPF11- 6-18□□	113	56.5	176	207.8	88	39	160
EXPF11- 7- 9□□	113	71.5	90	121.8	88	54	74
EXPF11- 7-13□□	113	71.5	130	161.8	88	54	114
EXPF11- 7-18□□	113	71.5	176	207.8	88	54	160
EXPF15- 5-11□□	148	47	110	149.2	106.8	29	93
EXPF15- 5-15□□	148	47	150	189.2	106.8	29	133
EXPF15- 5-20□□	148	47	200	239.2	106.8	29	183
EXPF15- 6-11□□	148	62	110	149.2	106.8	44	93
EXPF15- 6-15□□	148	62	150	189.2	106.8	44	133
EXPF15- 6-20□□	148	62	200	239.2	106.8	44	183
EXPF15- 8-11□□	148	82	110	149.2	106.8	64	93
EXPF15- 8-15□□	148	82	150	189.2	106.8	64	133
EXPF15- 8-20□□	148	82	200	239.2	106.8	64	183
EXPF15-10-11□□	148	102	110	149.2	106.8	84	93
EXPF15-10-15□□	148	102	150	189.2	106.8	84	133
EXPF15-10-20□□	148	102	200	239.2	106.8	84	183

Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXPF20- 6-14□□	195	57	140	188.6	131	35	120
EXPF20- 6-19□□	195	57	192	240.6	131	35	172
EXPF20- 6-25□□	195	57	245	293.6	131	35	225
EXPF20- 6-30□□	195	57	300	348.6	131	35	280
EXPF20- 8-14□□	195	75	140	188.6	131	53	120
EXPF20- 8-19□□	195	75	192	240.6	131	53	172
EXPF20- 8-25□□	195	75	245	293.6	131	53	225
EXPF20- 8-30□□	195	75	300	348.6	131	53	280
EXPF20-10-14□□	195	95	140	188.6	131	73	120
EXPF20-10-19□□	195	95	192	240.6	131	73	172
EXPF20-10-25□□	195	95	245	293.6	131	73	225
EXPF20-10-30□□	195	95	300	348.6	131	73	280
EXPF20-12-14□□	195	120	140	188.6	131	98	120
EXPF20-12-19□□	195	120	192	240.6	131	98	172
EXPF20-12-25□□	195	120	245	293.6	131	98	225
EXPF20-12-30□□	195	120	300	348.6	131	98	280
EXPF24- 7-17□□	240	65	170	218.6	176	43	147
EXPF24- 7-23□□	240	65	230	278.6	176	43	207
EXPF24- 7-29□□	240	65	290	338.6	176	43	267
EXPF24- 7-35□□	240	65	350	398.6	176	43	327
EXPF24- 9-17□□	240	90	170	218.6	176	68	147
EXPF24- 9-23□□	240	90	230	278.6	176	68	207
EXPF24- 9-29□□	240	90	290	338.6	176	68	267
EXPF24- 9-35□□	240	90	350	398.6	176	68	327
EXPF24-12-17□□	240	115	170	218.6	176	93	147
EXPF24-12-23□□	240	115	230	278.6	176	93	207
EXPF24-12-29□□	240	115	290	338.6	176	93	267
EXPF24-12-35□□	240	115	350	398.6	176	93	327

■ Custom length is available.

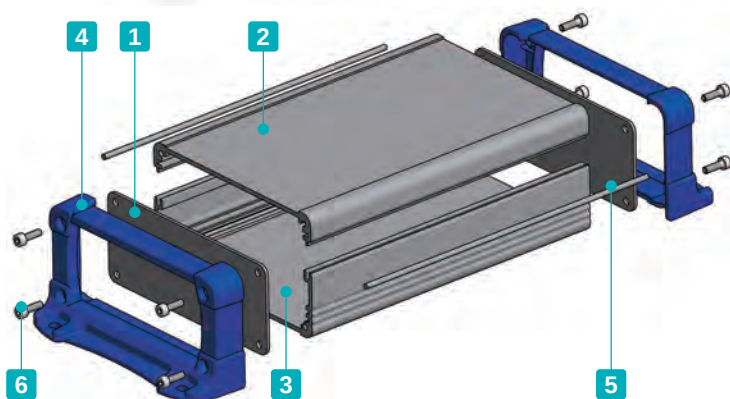


Following models are suitable for Mini-ITX board size.

EXPF20-8-19□□

EXPF20-10-19□□

EXPF20-12-19□□

EMC
Shielding

■ EMC shielding is achieved by having the unfinished inner sides of the top/bottom covers and panels, as well as the fabric-over-foam gasket in contact with one another.

■ Equipped with flanged frame for easy wall mounting.

■ Available in 67 different sizes and 3 different color combinations.

Included screws

EXEF7-□, 9-□ models : M2.5-8 x 8 pcs

EXEF11-□, 15-□ models : M3-10 x 8 pcs

EXEF20-□ models : M4-12 x 8 pcs

EXEF24-□ models : M5-12 x 8 pcs

※ Hexagonal wrench included

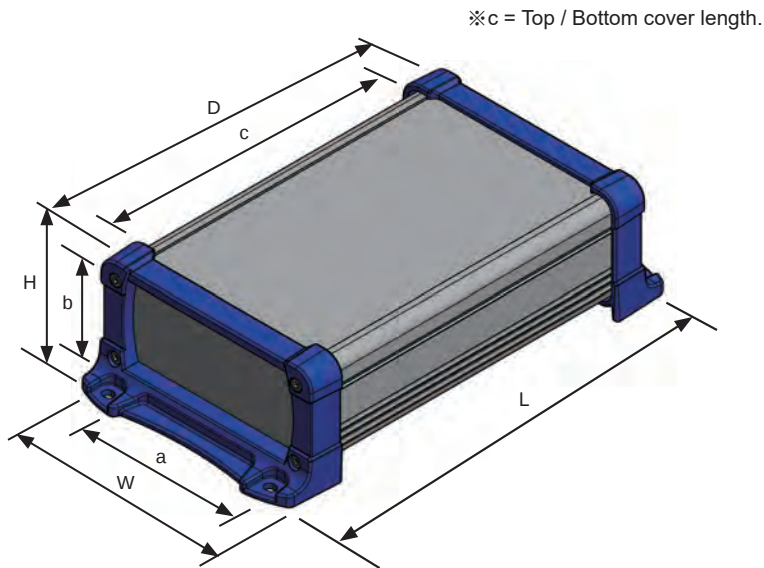
Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1100P	Metallic silver / Painted (Conductive inside)
2	Top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
3	Bottom cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
4	Flanged frame	2	PC+ABS Flame-resistant	Black • Gray / Unpainted Navy / Painted
5	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
6	Screw (Hexagonal)	8	Stainless steel	Unfinished

Color Type

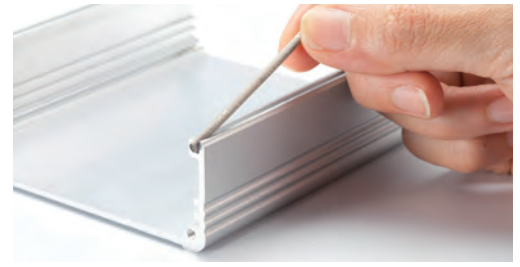
Code	S B Silver / Black	S G Silver / Gray	S N Silver / Navy
Color			

EXEF dimensions

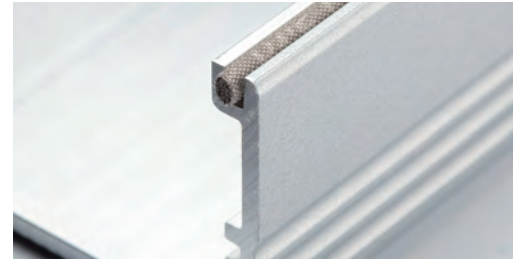


■ DXF/DWG/PDF/STP drawings available on our website.

How to install shield gaskets



■ Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.



■ Ensure that a small portion of the fabric-over-foam gaskets protrude out in order to maintain connections with the end panels.

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXEF 7- 3- 6□□	66	34	60	84	46	19.6	46
EXEF 7- 3- 9□□	66	34	87	111	46	19.6	73
EXEF 7- 3-11□□	66	34	110	134	46	19.6	96
EXEF 7- 4- 6□□	66	44	60	84	46	29.6	46
EXEF 7- 4- 9□□	66	44	87	111	46	29.6	73
EXEF 7- 4-11□□	66	44	110	134	46	29.6	96
EXEF 7- 6- 6□□	66	59	60	84	46	44.6	46
EXEF 7- 6- 9□□	66	59	87	111	46	44.6	73
EXEF 7- 6-11□□	66	59	110	134	46	44.6	96
EXEF 9- 4- 7□□	86	39	70	95.8	66	24.6	56
EXEF 9- 4-10□□	86	39	100	125.8	66	24.6	86
EXEF 9- 4-13□□	86	39	130	155.8	66	24.6	116
EXEF 9- 5- 7□□	86	49	70	95.8	66	34.6	56
EXEF 9- 5-10□□	86	49	100	125.8	66	34.6	86
EXEF 9- 5-13□□	86	49	130	155.8	66	34.6	116
EXEF 9- 6- 7□□	86	64	70	95.8	66	49.6	56
EXEF 9- 6-10□□	86	64	100	125.8	66	49.6	86
EXEF 9- 6-13□□	86	64	130	155.8	66	49.6	116
EXEF11- 4- 9□□	113	41.5	90	121.8	88	24	74
EXEF11- 4-13□□	113	41.5	130	161.8	88	24	114
EXEF11- 4-18□□	113	41.5	176	207.8	88	24	160
EXEF11- 6- 9□□	113	56.5	90	121.8	88	39	74
EXEF11- 6-13□□	113	56.5	130	161.8	88	39	114
EXEF11- 6-18□□	113	56.5	176	207.8	88	39	160
EXEF11- 7- 9□□	113	71.5	90	121.8	88	54	74
EXEF11- 7-13□□	113	71.5	130	161.8	88	54	114
EXEF11- 7-18□□	113	71.5	176	207.8	88	54	160
EXEF15- 5-11□□	148	47	110	149.2	106.8	29	93
EXEF15- 5-15□□	148	47	150	189.2	106.8	29	133
EXEF15- 5-20□□	148	47	200	239.2	106.8	29	183
EXEF15- 6-11□□	148	62	110	149.2	106.8	44	93
EXEF15- 6-15□□	148	62	150	189.2	106.8	44	133
EXEF15- 6-20□□	148	62	200	239.2	106.8	44	183
EXEF15- 8-11□□	148	82	110	149.2	106.8	64	93
EXEF15- 8-15□□	148	82	150	189.2	106.8	64	133
EXEF15- 8-20□□	148	82	200	239.2	106.8	64	183
EXEF15-10-11□□	148	102	110	149.2	106.8	84	93
EXEF15-10-15□□	148	102	150	189.2	106.8	84	133
EXEF15-10-20□□	148	102	200	239.2	106.8	84	183

Product no.	External dimensions				Internal dimensions		
	W	H	D	L	a	b	c
EXEF20- 6-14□□	195	57	140	188.6	131	35	120
EXEF20- 6-19□□	195	57	192	240.6	131	35	172
EXEF20- 6-25□□	195	57	245	293.6	131	35	225
EXEF20- 6-30□□	195	57	300	348.6	131	35	280
EXEF20- 8-14□□	195	75	140	188.6	131	53	120
EXEF20- 8-19□□	195	75	192	240.6	131	53	172
EXEF20- 8-25□□	195	75	245	293.6	131	53	225
EXEF20- 8-30□□	195	75	300	348.6	131	53	280
EXEF20-10-14□□	195	95	140	188.6	131	73	120
EXEF20-10-19□□	195	95	192	240.6	131	73	172
EXEF20-10-25□□	195	95	245	293.6	131	73	225
EXEF20-10-30□□	195	95	300	348.6	131	73	280
EXEF20-12-14□□	195	120	140	188.6	131	98	120
EXEF20-12-19□□	195	120	192	240.6	131	98	172
EXEF20-12-25□□	195	120	245	293.6	131	98	225
EXEF20-12-30□□	195	120	300	348.6	131	98	280
EXEF24- 7-17□□	240	65	170	218.6	176	43	147
EXEF24- 7-23□□	240	65	230	278.6	176	43	207
EXEF24- 7-29□□	240	65	290	338.6	176	43	267
EXEF24- 7-35□□	240	65	350	398.6	176	43	327
EXEF24- 9-17□□	240	90	170	218.6	176	68	147
EXEF24- 9-23□□	240	90	230	278.6	176	68	207
EXEF24- 9-29□□	240	90	290	338.6	176	68	267
EXEF24- 9-35□□	240	90	350	398.6	176	68	327
EXEF24-12-17□□	240	115	170	218.6	176	93	147
EXEF24-12-23□□	240	115	230	278.6	176	93	207
EXEF24-12-29□□	240	115	290	338.6	176	93	267
EXEF24-12-35□□	240	115	350	398.6	176	93	327

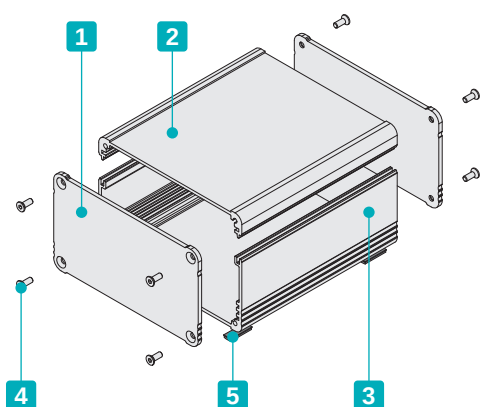


Following models are suitable for Mini-ITX board size.

EXEF20-8-19□□
EXEF20-10-19□□
EXEF20-12-19□□



- Simple yet beautifully designed aluminium extrusion enclosure.
- Selectable in 4 different color combinations and 73 different sizes.
- High-end finish is achieved by precision CNC of the end panels.
- Custom length is available.



Components

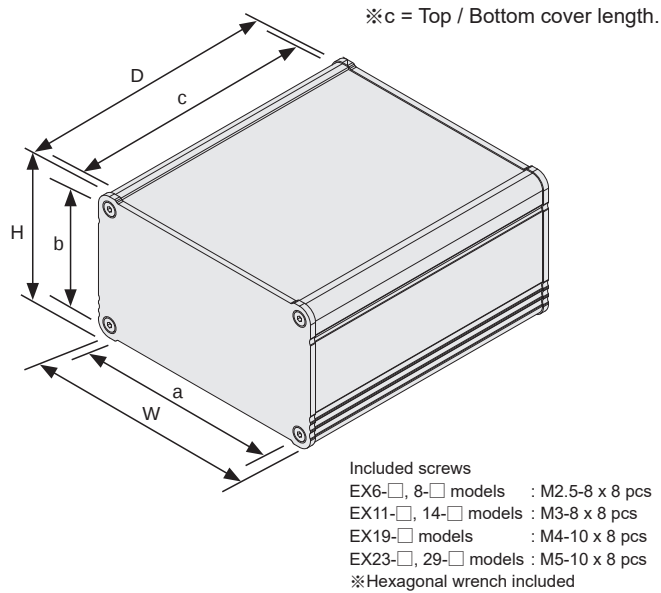
No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1050P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Screw (Hexagonal)	8	Stainless steel	Unfinished
5	Rubber feet	4	Polyurethane • Synthetic rubber	Black

■ Rubber feet material : Polyurethane : EX6-□ ~ 19-□ models • Synthetic rubber : EX23-□ ~ 29-□ models.

Color Type

Code	SS Silver / Silver	SB Silver / Black	BS Black / Silver	BB Black / Black
Color				

EX dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

Accessories (Optional parts)



Wall mounting bracket EF series
 See page 240

■ Please suffix color code at the end of the product number.

Product no. / Details

Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EX 6- 3- 5□□	60.6	25.6	50	46	19.6	46
EX 6- 3- 8□□	60.6	25.6	77	46	19.6	73
EX 6- 3-10□□	60.6	25.6	100	46	19.6	96
EX 6- 4- 5□□	60.6	35.6	50	46	29.6	46
EX 6- 4- 8□□	60.6	35.6	77	46	29.6	73
EX 6- 4-10□□	60.6	35.6	100	46	29.6	96
EX 6- 5- 5□□	60.6	50.6	50	46	44.6	46
EX 6- 5- 8□□	60.6	50.6	77	46	44.6	73
EX 6- 5-10□□	60.6	50.6	100	46	44.6	96
EX 8- 3- 6□□	80.6	30.6	60	66	24.6	56
EX 8- 3- 9□□	80.6	30.6	90	66	24.6	86
EX 8- 3-12□□	80.6	30.6	120	66	24.6	116
EX 8- 4- 6□□	80.6	40.6	60	66	34.6	56
EX 8- 4- 9□□	80.6	40.6	90	66	34.6	86
EX 8- 4-12□□	80.6	40.6	120	66	34.6	116
EX 8- 6- 6□□	80.6	55.6	60	66	49.6	56
EX 8- 6- 9□□	80.6	55.6	90	66	49.6	86
EX 8- 6-12□□	80.6	55.6	120	66	49.6	116
EX11- 3- 8□□	106	31	79	88	24	74
EX11- 3-12□□	106	31	119	88	24	114
EX11- 3-16□□	106	31	165	88	24	160
EX11- 5- 8□□	106	46	79	88	39	74
EX11- 5-12□□	106	46	119	88	39	114
EX11- 5-16□□	106	46	165	88	39	160
EX11- 6- 8□□	106	61	79	88	54	74
EX11- 6-12□□	106	61	119	88	54	114
EX11- 6-16□□	106	61	165	88	54	160
EX14- 4-10□□	141	36	98	106.8	29	93
EX14- 4-14□□	141	36	138	106.8	29	133
EX14- 4-19□□	141	36	188	106.8	29	183
EX14- 5-10□□	141	51	98	106.8	44	93
EX14- 5-14□□	141	51	138	106.8	44	133
EX14- 5-19□□	141	51	188	106.8	44	183
EX14- 7-10□□	141	71	98	106.8	64	93
EX14- 7-14□□	141	71	138	106.8	64	133
EX14- 7-19□□	141	71	188	106.8	64	183
EX14- 9-10□□	141	91	98	106.8	84	93
EX14- 9-14□□	141	91	138	106.8	84	133
EX14- 9-19□□	141	91	188	106.8	84	183

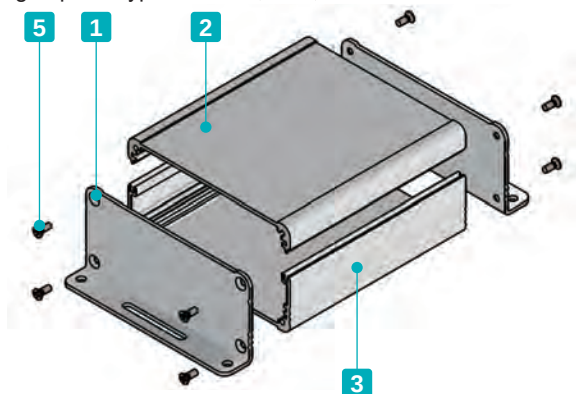
■ Custom length is available

Product no.	External dimensions			Internal dimensions		
	W	H	D	a	b	c
EX19- 4-13□□	186.5	43.5	125	131	35	120
EX19- 4-18□□	186.5	43.5	177	131	35	172
EX19- 4-23□□	186.5	43.5	230	131	35	225
EX19- 4-29□□	186.5	43.5	285	131	35	280
EX19- 6-13□□	186.5	61.5	125	131	53	120
EX19- 6-18□□	186.5	61.5	177	131	53	172
EX19- 6-23□□	186.5	61.5	230	131	53	225
EX19- 6-29□□	186.5	61.5	285	131	53	280
EX19- 8-13□□	186.5	81.5	125	131	73	120
EX19- 8-18□□	186.5	81.5	177	131	73	172
EX19- 8-23□□	186.5	81.5	230	131	73	225
EX19- 8-29□□	186.5	81.5	285	131	73	280
EX19-11-13□□	186.5	106.5	125	131	98	120
EX19-11-18□□	186.5	106.5	177	131	98	172
EX19-11-23□□	186.5	106.5	230	131	98	225
EX19-11-29□□	186.5	106.5	285	131	98	280
EX23- 5-15□□	232	52	153	176	43	147
EX23- 5-21□□	232	52	213	176	43	207
EX23- 5-27□□	232	52	273	176	43	267
EX23- 5-33□□	232	52	333	176	43	327
EX23- 8-15□□	232	77	153	176	68	147
EX23- 8-21□□	232	77	213	176	68	207
EX23- 8-27□□	232	77	273	176	68	267
EX23- 8-33□□	232	77	333	176	68	327
EX23-10-15□□	232	102	153	176	93	147
EX23-10-21□□	232	102	213	176	93	207
EX23-10-27□□	232	102	273	176	93	267
EX23-10-33□□	232	102	333	176	93	327
EX29- 8-23□□	287.5	77.5	234	230	68	228
EX29- 8-30□□	287.5	77.5	304	230	68	298
EX29- 8-38□□	287.5	77.5	384	230	68	378
EX29-13-23□□	287.5	127.5	234	230	118	228
EX29-13-30□□	287.5	127.5	304	230	118	298
EX29-13-38□□	287.5	127.5	384	230	118	378

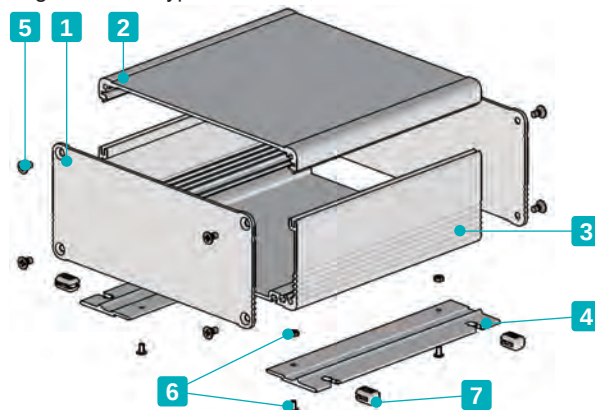


- Flanged panel type or flanged bracket type extruded aluminium enclosure.
- Equipped with flanged panel or bracket for easy wall mounting.
- Anodized finish with clear coating (except for flanged bracket) and selectable from 4 different color combinations.
- Rubber feet are included only on EXF19-□, 23-□ and 29-□ models.
- Custom length is available.

Flanged panel type EXF6-□, 8-□, 11-□ and 14-□



Flanged bracket type EXF19-□, 23-□ and 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXF6-□, 8-□, 11-□, 14-□) Panel (EXF19-□, 23-□, 29-□)	2	Aluminium A1050P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flange bracket (only for EXF19-□, 23-□, and 29-□)	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
5	Panel screw (Phillips head)	8	Stainless steel	Unfinished
6	Flange screw / nut (only for EXF19-□, 23-□, and 29-□)	4 each	Steel	Black trivalent chromate
7	Rubber feet (only for EXF19-□, 23-□, and 29-□)	4	Silicone	Black

Color Type *For flange bracket models, color will be the same as top • bottom cover.

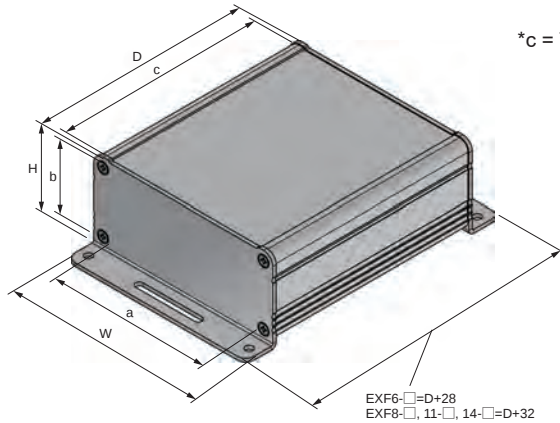
Code	S S Silver / Silver	S B Silver / Black	B S Black/Silver	B B Black/Black
Color				

EXF dimensions

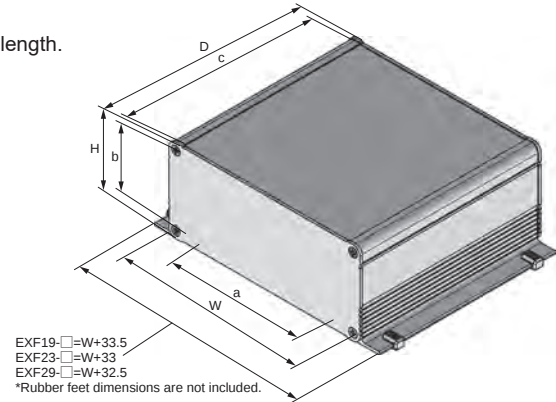
■ DXF/DWG/PDF/STP drawings available on our website.

Flanged panel type EXF6-□, 8-□, 11-□ and 14-□

Flanged bracket type EXF19-□, 23-□ and 29-□



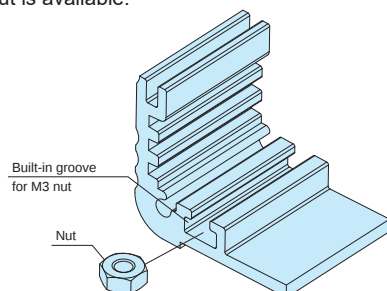
*c = Top/Bottom covers length.



Product no. / Details

Product no.	External dimensions			Internal dimensions			Weight (g)
	W	H	D	a	b	c	
EXF 6-3- 5□□	60.6	27.6	50	46	19.6	46	63
EXF 6-3- 8□□	60.6	27.6	77	46	19.6	73	85
EXF 6-3-10□□	60.6	27.6	100	46	19.6	96	105
EXF 6-4- 5□□	60.6	37.6	50	46	29.6	46	75
EXF 6-4- 8□□	60.6	37.6	77	46	29.6	73	101
EXF 6-4-10□□	60.6	37.6	100	46	29.6	96	124
EXF 6-5- 5□□	60.6	52.6	50	46	44.6	46	92
EXF 6-5- 8□□	60.6	52.6	77	46	44.6	73	122
EXF 6-5-10□□	60.6	52.6	100	46	44.6	96	148
EXF 8-3- 6□□	80.6	32.6	60	66	24.6	56	106
EXF 8-3- 9□□	80.6	32.6	90	66	24.6	86	143
EXF 8-3-12□□	80.6	32.6	120	66	24.6	116	180
EXF 8-4- 6□□	80.6	42.6	60	66	34.6	56	122
EXF 8-4- 9□□	80.6	42.6	90	66	34.6	86	162
EXF 8-4-12□□	80.6	42.6	120	66	34.6	116	203
EXF 8-6- 6□□	80.6	57.6	60	66	49.6	56	145
EXF 8-6- 9□□	80.6	57.6	90	66	49.6	86	189
EXF 8-6-12□□	80.6	57.6	120	66	49.6	116	234
EXF11-3- 8□□	106	33	78	88	24	74	177
EXF11-3-12□□	106	33	118	88	24	114	244
EXF11-3-16□□	106	33	164	88	24	160	322
EXF11-5- 8□□	106	48	78	88	39	74	206
EXF11-5-12□□	106	48	118	88	39	114	279
EXF11-5-16□□	106	48	164	88	39	160	364
EXF11-6- 8□□	106	63	78	88	54	74	238
EXF11-6-12□□	106	63	118	88	54	114	319
EXF11-6-16□□	106	63	164	88	54	160	412
EXF14-4-10□□	141	38	97	106.8	29	93	287
EXF14-4-14□□	141	38	137	106.8	29	133	377
EXF14-4-19□□	141	38	187	106.8	29	183	491
EXF14-5-10□□	141	53	97	106.8	44	93	325
EXF14-5-14□□	141	53	137	106.8	44	133	422
EXF14-5-19□□	141	53	187	106.8	44	183	544
EXF14-7-10□□	141	73	97	106.8	64	93	371
EXF14-7-14□□	141	73	137	106.8	64	133	475
EXF14-7-19□□	141	73	187	106.8	64	183	606
EXF14-9-10□□	141	93	97	106.8	84	93	422
EXF14-9-14□□	141	93	137	106.8	84	133	536
EXF14-9-19□□	141	93	187	106.8	84	183	679

- Grooves for M3 sliding nut are built into the top and bottom covers (140mm or wider). Optional nut is available.

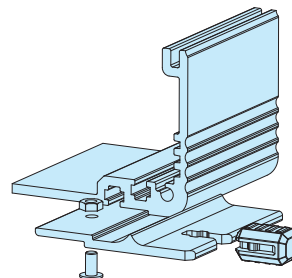


- Included screws
EXF 6-□ and 8-□ models : M2.5-8 x 8 pcs EXF11-□, 14-□ models : M3-8 x 8 pcs
EXF19-□ models : M4-10 x 8 pcs EXF23-□, 29-□ models : M5-10 x 8 pcs
- Please suffix color code at the end of the product number.

Product no.	External dimensions			Internal dimensions			Weight (g)
	W	H	D	a	b	c	
EXF19- 4-13□□	186.5	45.25	125	131	35	120	652
EXF19- 4-18□□	186.5	45.25	177	131	35	172	875
EXF19- 4-23□□	186.5	45.25	230	131	35	225	1,101
EXF19- 4-29□□	186.5	45.25	285	131	35	280	1,333
EXF19- 6-13□□	186.5	63.25	125	131	53	120	722
EXF19- 6-18□□	186.5	63.25	177	131	53	172	959
EXF19- 6-23□□	186.5	63.25	230	131	53	225	1,195
EXF19- 6-29□□	186.5	63.25	285	131	53	280	1,444
EXF19- 8-13□□	186.5	83.25	125	131	73	120	802
EXF19- 8-18□□	186.5	83.25	177	131	73	172	1,059
EXF19- 8-23□□	186.5	83.25	230	131	73	225	1,311
EXF19- 8-29□□	186.5	83.25	285	131	73	280	1,576
EXF19-11-13□□	186.5	108.25	125	131	98	120	926
EXF19-11-18□□	186.5	108.25	177	131	98	172	1,184
EXF19-11-23□□	186.5	108.25	230	131	98	225	1,463
EXF19-11-29□□	186.5	108.25	285	131	98	280	1,739
EXF23- 5-15□□	232	53.5	153	176	43	147	1,024
EXF23- 5-21□□	232	53.5	213	176	43	207	1,350
EXF23- 5-27□□	232	53.5	273	176	43	267	1,682
EXF23- 5-33□□	232	53.5	333	176	43	327	2,012
EXF23- 8-15□□	232	78.5	153	176	68	147	1,164
EXF23- 8-21□□	232	78.5	213	176	68	207	1,509
EXF23- 8-27□□	232	78.5	273	176	68	267	1,854
EXF23- 8-33□□	232	78.5	333	176	68	327	2,225
EXF23-10-15□□	232	103.5	153	176	93	147	1,303
EXF23-10-21□□	232	103.5	213	176	93	207	1,682
EXF23-10-27□□	232	103.5	273	176	93	267	2,060
EXF23-10-33□□	232	103.5	333	176	93	327	2,455
EXF29- 8-23□□	287.5	78.75	234	230	68	228	1,893
EXF29- 8-30□□	287.5	78.75	304	230	68	298	2,361
EXF29- 8-38□□	287.5	78.75	384	230	68	378	2,896
EXF29-13-23□□	287.5	128.75	234	230	118	228	2,305
EXF29-13-30□□	287.5	128.75	304	230	118	298	2,832
EXF29-13-38□□	287.5	128.75	384	230	118	378	3,433

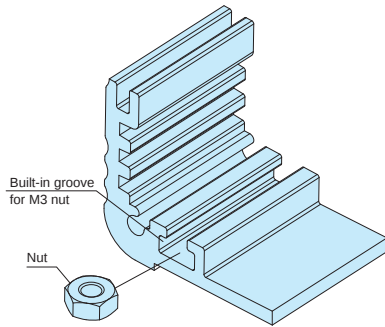
- Custom length is available.

- Flange bracket is installed as per the diagram below.

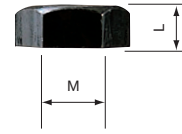


MT-3N

SLIDING NUT for EX□ • EXH□



MT-3N dimensions



Product no. / Dimensions

Product no.	M	L	Material	Finish	Pack of
MT-3N	3	2.4	Steel	Black trivalent chromate	50

- Sliding nut can be used on all EXPT • EXP • EXPE • EXW • EXPF • EXEF • EXWF • EX models with width 140mm or larger bottom covers, as well as with width 230mm and 285mm top covers, on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

EXEG series

EMC SHIELDING FABRIC-OVER-FOAM GASKET

- Exclusive EMC shielding fabric-over-foam gasket for EXPE • EXEF • EXHE • EXHFE models.

Suitable Models

Product no.	Suitable models
EXEG-2.5	EXPE7-□, 9-□, 12-□, 15-□, EXEF7-□, 9-□, 11-□, 15-□ EXHE8-□, 11-□, 14-□, EXHFE8-□, 11-□, 14-□
EXEG-3.2	EXPE20-□, 24-□, 30-□, EXEF20-□, 24-□ EXHE19-□, 23-□, 29-□, EXHFE19-□, 23-□, 29-□

Product no. / Dimensions

Product no.	Dimensions	Pack of
EXEG-2.5	Φ2.5×500mm	1
EXEG-3.2	Φ3.2×500mm	1

Length tolerance = +/- 10%



- Material / Color : Conductive fiber • TPE / Metallic gray

EX series APPLICATION EXAMPLE

Tube Amplifier

Product by MJ Audio Technology



IoT Relay Module

Product by Bunnyhop (Japan)



Premain Power Amplifier

Product by AY-densi (Japan)



USB Edge Node

Product by SHINWA (Japan)



TLW series

TILT LEG



APPLICATION EXAMPLE

- Double shot injection molded feet with soft and well-designed rounded shape.
- Non-slip design with Elastomer (TPE) pad.
- Available in 3 different color patterns (2 color patterns for TLW-70 models).
- TLW-70E models are exclusively for use with width 185mm or larger bottom covers of EXP • EXPE • EXW • EX • EXH • EXHE aluminium enclosures.

Technical Data

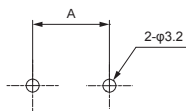
Max load : 7kg

Components

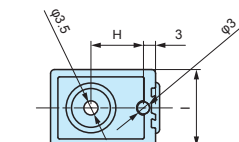
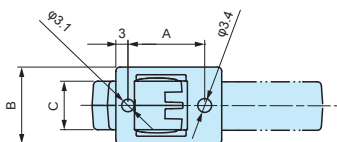
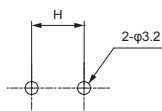
No.	Part name	Pcs	Material	Color / Finish
1	Front foot	2	PC + ABS UL94V-0 • TPE	Black & Black • Navy & Gray • Light gray & Gray
2	Rear foot	2	PC + ABS UL94V-0 • TPE	Black & Black • Navy & Gray • Light gray & Gray
-	Screw	4	Steel M3-8 pan head	Black trivalent chromate
-	Nut	4	Steel M3	Black trivalent chromate

TLW dimensions

Mounting hole (Front)



Mounting hole (Rear)



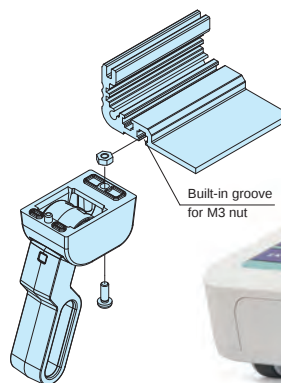
1

2

- DXF/DWG/PDF/STP drawings available on our website.

- TLW-70E□□ models are for installation (with M3 nut) into the built-in grooves on bottom-covers of EXP • EXPE 20-6, EXH • EXHE • EX 19-4 or larger models.

- Hole milling is required to install TLW-46□□ and TLW-70□□ models.
- Max installation panel thickness : t = 3.5mm



Built-in groove for M3 nut



Product no. / Details

Product no.	A	B	C	D	E	F	G	H	I	J	K	L	Color (plastic)	Color (TPE)	Weight (g)
TLW-46BB	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Black	Black	23
TLW-46NG	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Navy	Gray	23
TLW-46LG	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Light gray	Gray	23
TLW-70EBB	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Black	Black	59
TLW-70ENG	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Navy	Gray	59
TLW-70ELG	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Light gray	Gray	59
TLW-70BB	30	25	16	75.4	69	2	21.5	20	25	39	21.5	2	Black	Black	59
TLW-70LG	30	25	16	75.4	69	2	21.5	20	25	39	21.5	2	Light gray	Gray	59

EF series**WALL MOUNTING BRACKET for EX • EXH • EXHE**

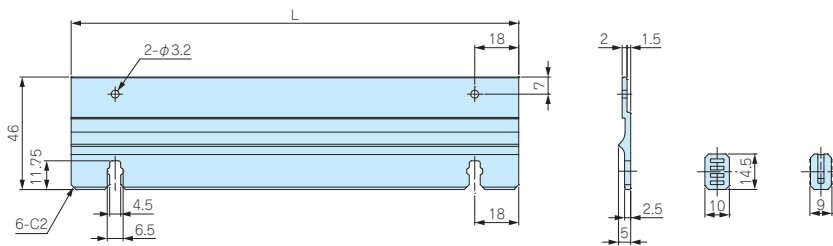
Installation Example



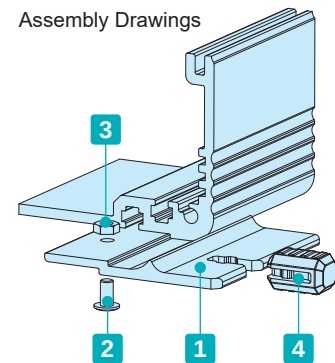
- Wall mounting bracket for EX, EXH, and EXHE series. Applicable only for width 185, 230, and 285mm bottom covers.
- Easy installation by inserting the nuts into built-in grooves on EX, EXH, and EXHE bottom cover.
- Rubber feet are included to hide the mounting cutouts when not used for wall mounting, and act as feet stabilizers for desktop use.

EF dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Assembly Drawings

**Components**

No.	Part name	Pcs	Material	Color / Finish
1	Bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
2	Screw	4	Steel	Black trivalent chromate
3	Nut	4	Steel	Black trivalent chromate
4	Rubber feet	4	Silicone	Black

Product no. / Details

Product no.		L	Suitable models
● Metallic silver	● Black		
EF19-13S	EF19-13B	119.5	EX • EXH • EXHE19-□-13
EF19-18S	EF19-18B	171.5	EX • EXH • EXHE19-□-18
EF19-23S	EF19-23B	224.5	EX • EXH • EXHE19-□-23
EF19-29S	EF19-29B	279.5	EX • EXH • EXHE19-□-29
EF23-15S	EF23-15B	146.5	EX • EXH • EXHE23-□-15
EF23-21S	EF23-21B	206.5	EX • EXH • EXHE23-□-21
EF23-27S	EF23-27B	266.5	EX • EXH • EXHE23-□-27
EF23-33S	EF23-33B	326.5	EX • EXH • EXHE23-□-33
EF29-23S	EF29-23B	227.5	EX • EXH • EXHE29-□-23
EF29-30S	EF29-30B	297.5	EX • EXH • EXHE29-□-30
EF29-38S	EF29-38B	377.5	EX • EXH • EXHE29-□-38

MXF • MXB • MXA • MX series

ALUMINIUM MOBILE ENCLOSURE

MXF • MXB • MXA • MX mobile enclosures are designed with a beautiful and elegant finish in mind. Having a rounded design, it fits comfortably in your hand, while giving off a simple yet stylish look. Suitable for use in a wide variety of industries, such as a small audio device, or as an amplifier unit, among others.

Selectable from 4 different types: an economical plastic end panel MX series, luxurious aluminium end panel MXA series, flanged end panel MXF series, and protective silicone band MXB series.

APPLICATION EXAMPLE

Fiber Optic LAN Converter



Desktop Audio Preamplifier with USB



Wireless Microphone System



reddot award
product design



Catchbox
Microphone



Catchbox
Receiver



Sound system
of your choice



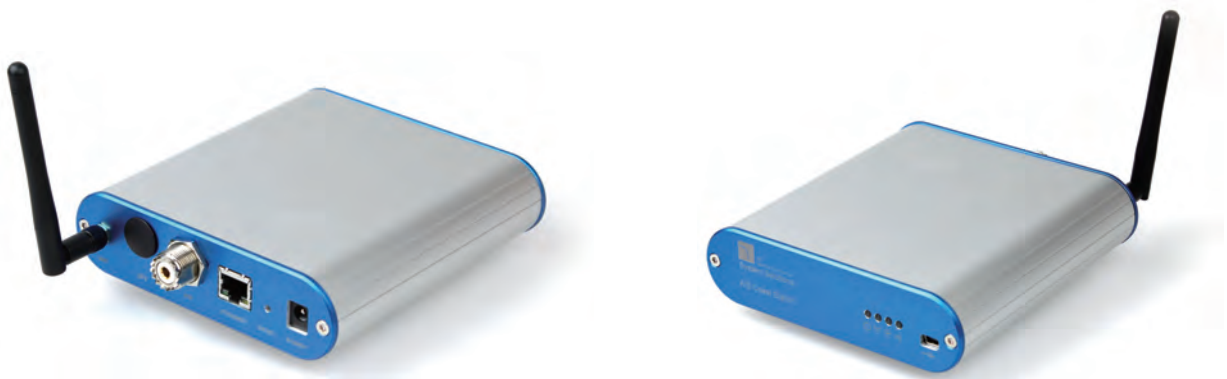
Ethernet Cellular Router



WiFi Access Point



AIS (Automatic Identification System) Signal Receiver



Data Transmitter for Automatic Number Plate Recognition (ANPR) System



IO-Link DEVICE



CAN & LIN Vehicle Communication Simulator / Monitor



Signal Checker / Tester



Audio Power Supply



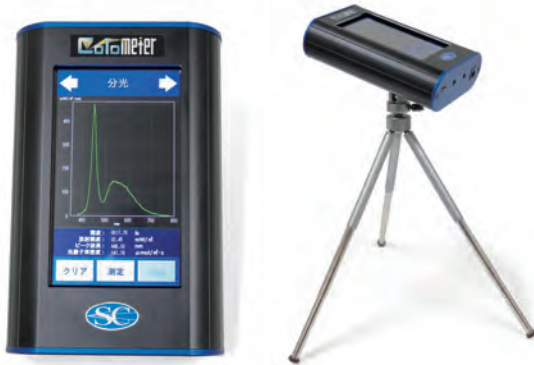
Model Railroad Controller



Portable Frequency Standard Device



Spectral Luminometer



RTD Sensor Tester



Mobile Moisture Meter



Full Color LED Tabletop Lighting Device

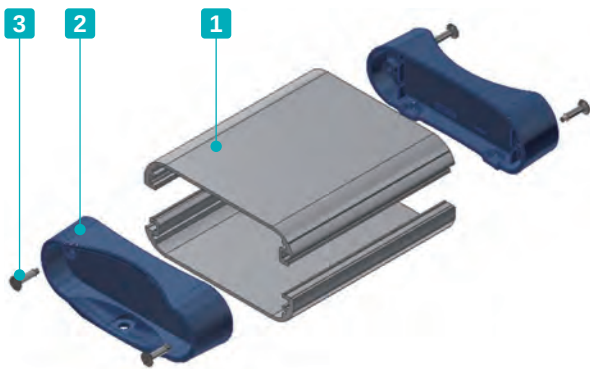


Active EMF Protection Device



Illumination Inverter



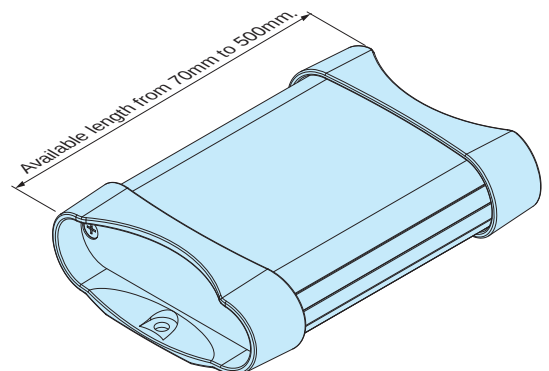


- Flanged network enclosure with easy to hold rounded design.
- 8 different color combinations and 12 different sizes available to choose from.
- Suitable to be used as transmitters, measurement tools, controllers, etc.
- Grooves are built into the internal enclosure, allowing for easy sliding/insertion of PCB boards.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Flanged panel	2	ABS UL94HB	Black • Gray / Unpainted Navy • Lime / Painted
3	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

Custom length available in 0.1mm intervals.



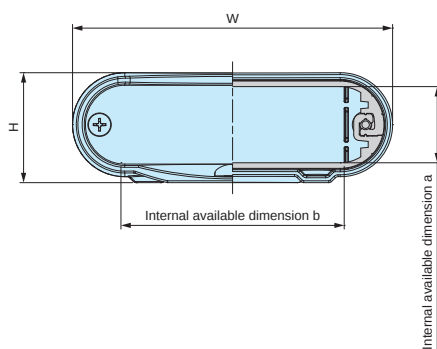
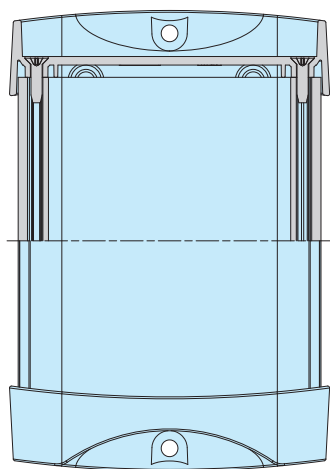
Color Type Please choose from the color combinations listed below

※Black and Gray panels are ABS color. Navy and Lime panels are painted.

[B][B] Black / Black	[B][G] Black / Gray	[B][N] Black / Navy	[B][L] Black / Lime
			
[S][B] Silver / Black	[S][G] Silver / Gray	[S][N] Silver / Navy	[S][L] Silver / Lime
			

MXF dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Screw Type

P	H
	
Plus head	Hexalobular head

P type: Includes 4x Nickel plated and 4x Black trivalent chromate screws.
H type: Includes 4x screws that match the case color.

Please request / order by indicating the combination part number as below.

MXF 2 - 6 - 7 □ □ □
Color code Screw
P or H

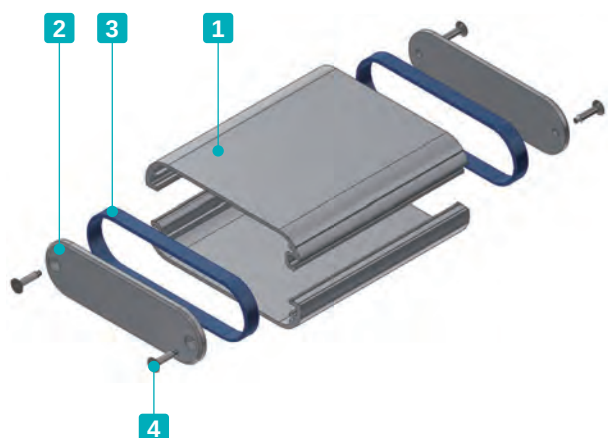
Product no. / Details

■ Please suffix color and screw code at the end of the product number.

Product no.	H	W	D	a	b	c	ℓ	Weight (g)
MXF2- 6- 7 □ □	23.4	60.9	65	15.1	41.1	45	40	44
MXF2- 6- 9 □ □	23.4	60.9	90	15.1	41.1	70	65	59
MXF2- 6-12 □ □	23.4	60.9	115	15.1	41.1	95	90	75
MXF2- 8- 9 □ □	29.6	86.1	94	20.5	60.1	64.6	58	90
MXF2- 8-12 □ □	29.6	86.1	124	20.5	60.1	94.6	88	121
MXF2- 8-15 □ □	29.6	86.1	154	20.5	60.1	124.6	118	153
MXF3-11-10 □ □	35.6	114.2	104	26.5	87.3	74.6	66	130
MXF3-11-14 □ □	35.6	114.2	144	26.5	87.3	114.6	106	184
MXF3-11-19 □ □	35.6	114.2	194	26.5	87.3	164.6	156	251
MXF4-13-12 □ □	40.6	134.2	124	31	104.1	94.4	84	197
MXF4-13-17 □ □	40.6	134.2	174	31	104.1	144.4	134	284
MXF4-13-23 □ □	40.6	134.2	234	31	104.1	204.4	194	388

MXB series

ALUMINIUM MOBILE ENCLOSURE with SILICONE BAND



- All aluminium mobile enclosure with anti-slip, impact resistant silicone band.
- 16 different color combinations and 24 different sizes available to choose from.
- Suitable to be used as digital audio amplifiers, communication devices, measurement tools, etc.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Panel	2	Aluminium A1050P	Silver • Black / Anodized
3	Silicone band	2	Silicone	Black • Light gray • Navy • Cyan • Green • Yellow • Orange • Red
4	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

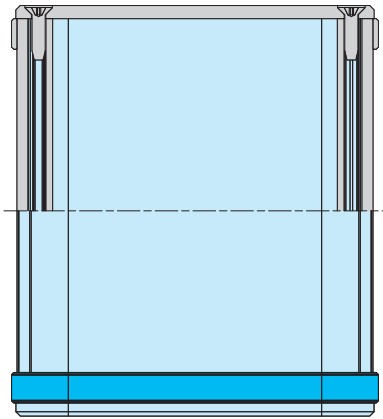
Color Type

B B Black / Black	B L Black / Light gray	B N Black / Navy	B C Black / Cyan	B G Black / Green	B Y Black / Yellow	B O Black / Orange	B R Black / Red
S B Silver / Black	S L Silver / Light gray	S N Silver / Navy	S C Silver / Cyan	S G Silver / Green	S Y Silver / Yellow	S O Silver / Orange	S R Silver / Red

■ Mix and match the MXA series with the SIB series silicone band for a wider variety of color combinations.

MXB dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



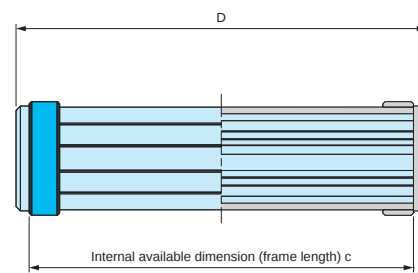
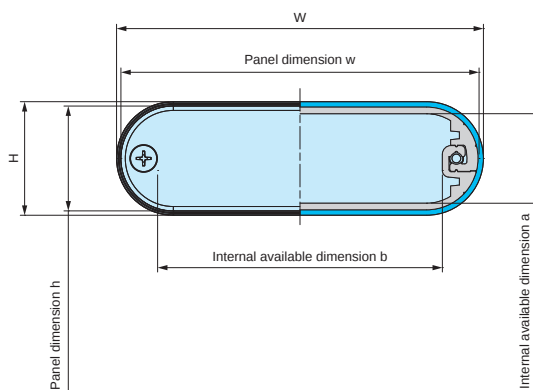
Screw Type

P	H
Plus head	Hexalobular head

P type: Includes 4x Nickel plated and 4x Black trivalent chromate screws.
 H type: Includes 4x screws that match the case color.

Please request / order by indicating
 the combination part number as below.

MXB 2 - 6 - 7 □ □ □
 Color code Screw P or H



Product no. / Details

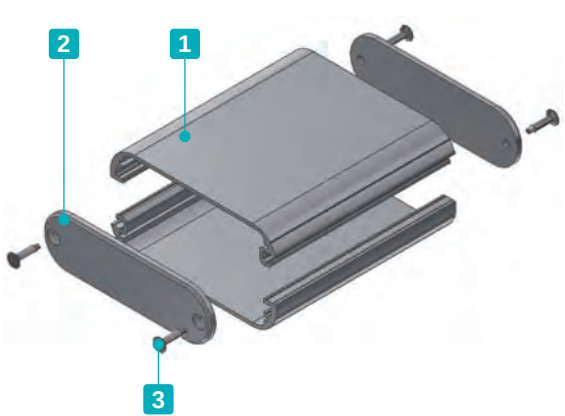
■ Please suffix color and screw code at the end of the product number.

Product no.	H	W	D	h	w	a	b	c	Weight (g)
MXB2- 4- 4 □ □	18	43.6	44	15	41	12.2	26.6	38	26
MXB2- 4- 7 □ □	18	43.6	74	15	41	12.2	26.6	68	41
MXB2- 4-10 □ □	18	43.6	104	15	41	12.2	26.6	98	51
MXB2- 6- 5 □ □	20.3	59.6	46	18	57	15.1	42.5	40	36
MXB2- 6- 7 □ □	20.3	59.6	71	18	57	15.1	42.5	65	51
MXB2- 6-10 □ □	20.3	59.6	96	18	57	15.1	42.5	90	66
MXB2- 7- 5 □ □	23.5	72.5	54	20	70	16.5	53.2	48	57
MXB2- 7- 8 □ □	23.5	72.5	84	20	70	16.5	53.2	78	82
MXB2- 7-11 □ □	23.5	72.5	114	20	70	16.5	53.2	108	112
MXB2- 8- 6 □ □	26.5	84.8	64	24	82	20.5	65.2	58	77
MXB2- 8- 9 □ □	26.5	84.8	94	24	82	20.5	65.2	88	107
MXB2- 8-12 □ □	26.5	84.8	124	24	82	20.5	65.2	118	137
MXB3-11- 7 □ □	33.5	113.9	72	30	110	26.5	93.2	66	120
MXB3-11-11 □ □	33.5	113.9	112	30	110	26.5	93.2	106	170
MXB3-11-16 □ □	33.5	113.9	162	30	110	26.5	93.2	156	240
MXB4- 7- 5 □ □	38.2	72	52	35	70	31.4	53.2	46	72
MXB4- 7- 8 □ □	38.2	72	82	35	70	31.4	53.2	76	102
MXB4- 7-11 □ □	38.2	72	112	35	70	31.4	53.2	106	137
MXB4-10- 7 □ □	44.7	97.9	70	40	95	36.4	78.2	64	125
MXB4-10-11 □ □	44.7	97.9	110	40	95	36.4	78.2	104	180
MXB4-10-14 □ □	44.7	97.9	140	40	95	36.4	78.2	134	225
MXB4-13- 9 □ □	38.5	134	90	35	130	31	113.2	84	187
MXB4-13-14 □ □	38.5	134	140	35	130	31	113.2	134	272
MXB4-13-20 □ □	38.5	134	200	35	130	31	113.2	194	377

■ H and W may experience slight variance from listed dimensions due to silicone band construct.

MXA series

ALUMINIUM MOBILE ENCLOSURE



- All aluminium mobile enclosure with easy to hold rounded design.
- 14 different color combinations and 24 different sizes available to choose from.
- Suitable to be used as digital audio amplifiers, communication devices, measurement tools, etc.
- Grooves are built into the internal enclosure, allowing for easy sliding/insertion of PCB boards.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Panel	2	Aluminium A1050P	Black • Silver • Cobalt • Green • Purple • Orange • Red / Anodized
3	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

Custom length available in 0.1mm intervals.



Color Type Please choose from the color combinations listed below

B B Black / Black	B S Black / Silver	B C Black / Cobalt	B G Black / Green	B P Black / Purple	B O Black / Orange	B R Black / Red
S B Silver / Black	S S Silver / Silver	S C Silver / Cobalt	S G Silver / Green	S P Silver / Purple	S O Silver / Orange	S R Silver / Red

MXA dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

Screw Type

P	H
	
Plus head	Hexalobular head

P type: Includes 4x Nickel plated and 4x Black trivalent chromate screws.
H type: Includes 4x screws that match the case color.

Please request / order by indicating the combination part number as below.

MXA 2 - 6 - 7 □ □ □

Color code Screw P or H

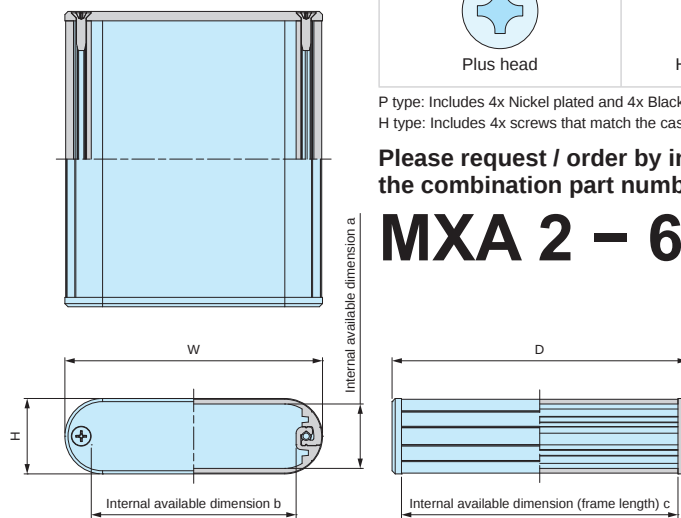
Accessories (Optional parts)



Silicone band SIB series
See page 90



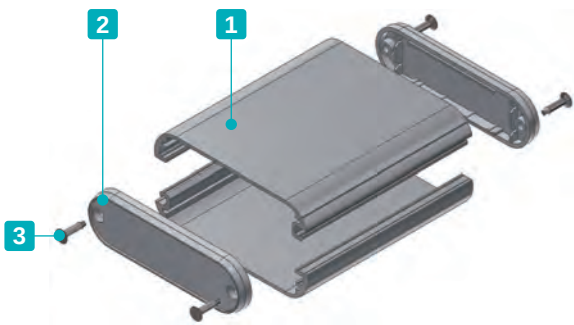
Embedded battery box BC series
See page 381 ~ 383



Product no. / Details

■ Please suffix color and screw code at the end of the product number.

Product no.	H	W	D	a	b	c	Weight (g)
MXA2- 4- 4 □ □	15	41	44	12.2	26.6	38	25
MXA2- 4- 7 □ □	15	41	74	12.2	26.6	68	40
MXA2- 4-10 □ □	15	41	104	12.2	26.6	98	50
MXA2- 6- 5 □ □	18	57	46	15.1	42.5	40	35
MXA2- 6- 7 □ □	18	57	71	15.1	42.5	65	50
MXA2- 6-10 □ □	18	57	96	15.1	42.5	90	65
MXA2- 7- 5 □ □	20	70	54	16.5	53.2	48	55
MXA2- 7- 8 □ □	20	70	84	16.5	53.2	78	80
MXA2- 7-11 □ □	20	70	114	16.5	53.2	108	110
MXA2- 8- 6 □ □	24	82	64	20.5	65.2	58	75
MXA2- 8- 9 □ □	24	82	94	20.5	65.2	88	105
MXA2- 8-12 □ □	24	82	124	20.5	65.2	118	135
MXA3-11- 7 □ □	30	110	72	26.5	93.2	66	115
MXA3-11-11 □ □	30	110	112	26.5	93.2	106	165
MXA3-11-16 □ □	30	110	162	26.5	93.2	156	235
MXA4- 7- 5 □ □	35	70	52	31.4	53.2	46	70
MXA4- 7- 8 □ □	35	70	82	31.4	53.2	76	100
MXA4- 7-11 □ □	35	70	112	31.4	53.2	106	135
MXA4-10- 7 □ □	40	95	70	36.4	78.2	64	120
MXA4-10-11 □ □	40	95	110	36.4	78.2	104	175
MXA4-10-14 □ □	40	95	140	36.4	78.2	134	220
MXA4-13- 9 □ □	35	130	90	31	113.2	84	180
MXA4-13-14 □ □	35	130	140	31	113.2	134	265
MXA4-13-20 □ □	35	130	200	31	113.2	194	370

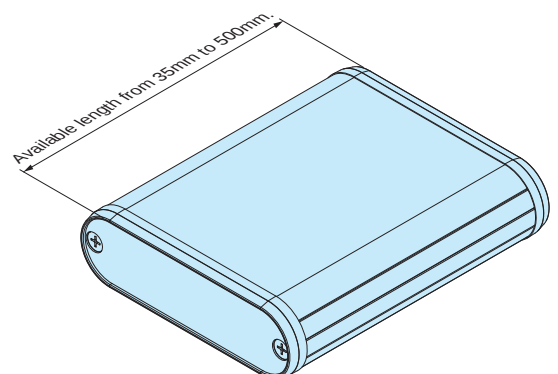


- Mobile enclosure with easy to hold rounded design.
- 12 different color combinations and 24 different sizes available to choose from.
- Frame is made from extruded aluminium material, while the panel is ABS plastic.
- Grooves are built into the internal enclosure, allowing for easy sliding/insertion of PCB boards.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Panel	2	ABS UL94HB	Gray • Black / Unpainted Navy • Lime • Orange • Red / Painted
3	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

Custom length available in 0.1mm intervals.



Color Type Please choose from the color combinations listed below

※Black • Gray panels / Unpainted Other panels / Painted

[B][B] Black / Black	[B][G] Black / Gray	[B][N] Black / Navy	[B][L] Black / Lime	[B][O] Black / Orange	[B][R] Black / Red
[S][B] Silver / Black	[S][G] Silver / Gray	[S][N] Silver / Navy	[S][L] Silver / Lime	[S][O] Silver / Orange	[S][R] Silver / Red

MX dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

Screw Type

P	H
Plus head	Hexalobular head

P type: Includes 4x Nickel plated and 4x Black trivalent chromate screws.
H type: Includes 4x screws that match the case color.

Please request / order by indicating the combination part number as below.

MX 2 - 6 - 8 □ □ □
Color code Screw P or H

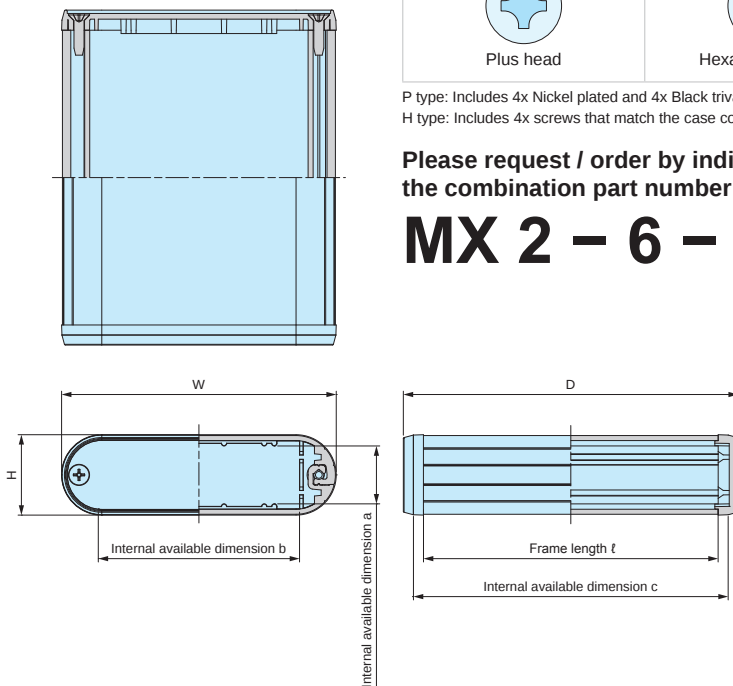
Accessories (Optional parts)



Silicone band SIB series
See page 90



Embedded battery box BC series
See page 381 ~ 383



Product no. / Details

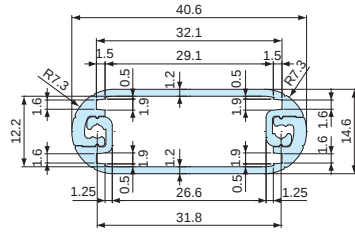
■ Please suffix color and screw code at the end of the product number.

Product no.	H	W	D	a	b	c	ℓ	Weight (g)
MX2- 4- 5 □ □	15	41	50	8.9	26.6	44.6	38	20
MX2- 4- 8 □ □	15	41	80	8.9	26.6	74.6	68	35
MX2- 4-11 □ □	15	41	110	8.9	26.6	104.6	98	50
MX2- 6- 5 □ □	18	57	50	12.3	42.5	45	40	35
MX2- 6- 8 □ □	18	57	75	12.3	42.5	70	65	50
MX2- 6-10 □ □	18	57	100	12.3	42.5	95	90	70
MX2- 7- 6 □ □	20	70	60	13.2	53.2	54.6	48	50
MX2- 7- 9 □ □	20	70	90	13.2	53.2	84.6	78	80
MX2- 7-12 □ □	20	70	120	13.2	53.2	114.6	108	105
MX2- 8- 7 □ □	24	82	70	17.2	65.2	64.6	58	75
MX2- 8-10 □ □	24	82	100	17.2	65.2	94.6	88	105
MX2- 8-13 □ □	24	82	130	17.2	65.2	124.6	118	140
MX3-11- 8 □ □	30	110	80	23.3	93.2	74.6	66	110
MX3-11-12 □ □	30	110	120	23.3	93.2	114.6	106	165
MX3-11-17 □ □	30	110	170	23.3	93.2	164.6	156	235
MX4- 7- 6 □ □	35	70	60	28.2	53.2	53	46	65
MX4- 7- 9 □ □	35	70	90	28.2	53.2	83	76	100
MX4- 7-12 □ □	35	70	120	28.2	53.2	113	106	130
MX4-10- 8 □ □	40	95	80	33.1	78.2	73	64	115
MX4-10-12 □ □	40	95	120	33.1	78.2	113	104	175
MX4-10-15 □ □	40	95	150	33.1	78.2	143	134	215
MX4-13-10 □ □	35	130	100	27.7	113.2	94.4	84	175
MX4-13-15 □ □	35	130	150	27.7	113.2	144.4	134	265
MX4-13-21 □ □	35	130	210	27.7	113.2	204.4	194	375

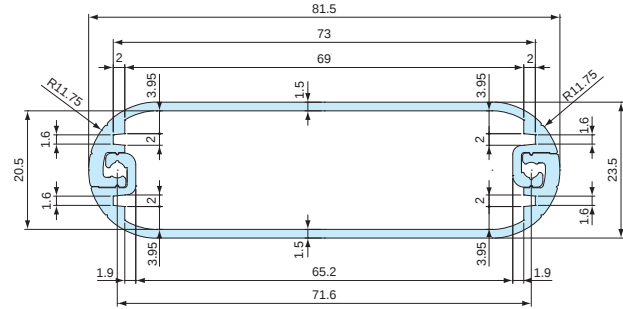
Cross section view of MXF • MXB • MXA • MX frames

■ DXF/DWG/PDF/STP drawings available on our website.

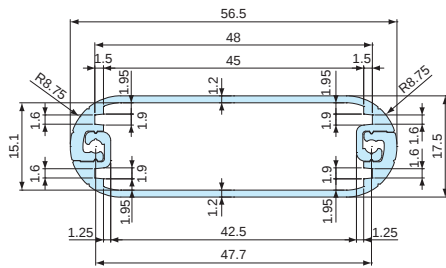
MXF • MXB • MXA • MX2-4-□



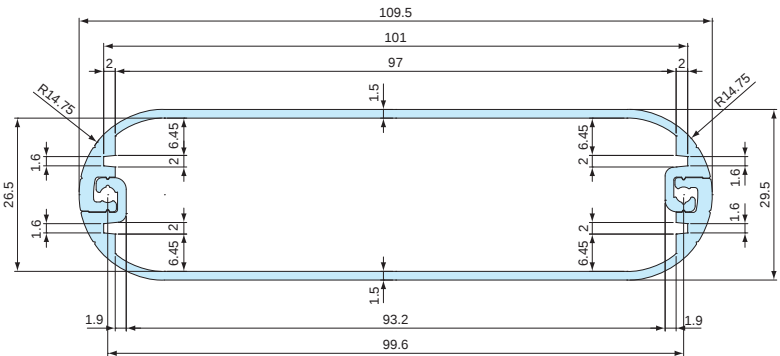
MXF • MXB • MXA • MX2-8-□



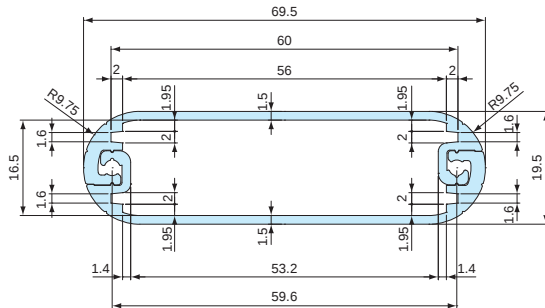
MXF • MXB • MXA • MX2-6-□



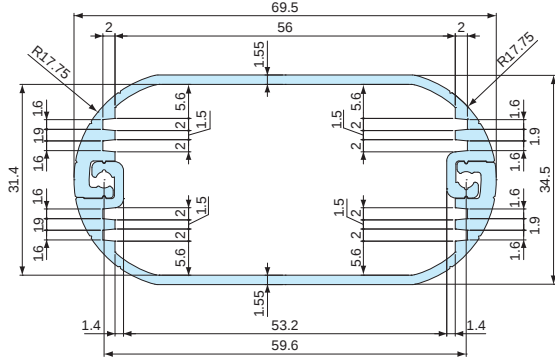
MXF • MXB • MXA • MX3-11-□



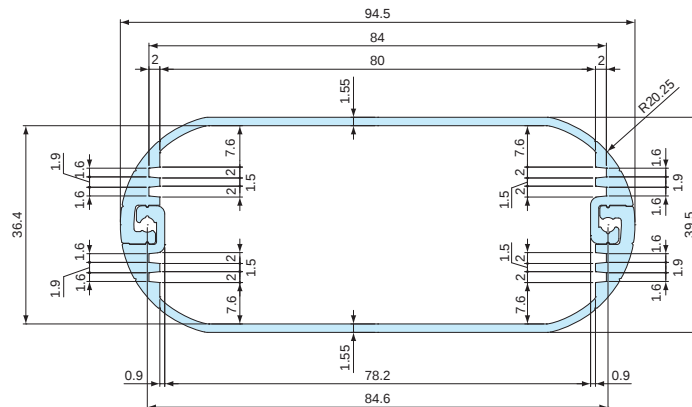
MXF • MXB • MXA • MX2-7-□



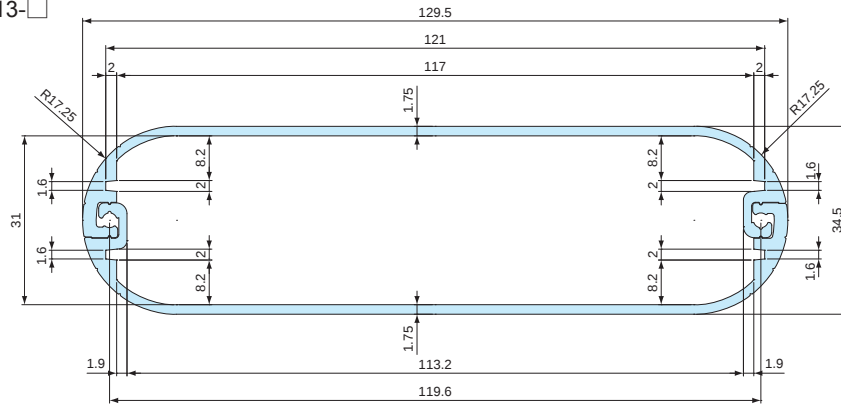
MXF • MXB • MXA • MX4-7-□



MXF • MXB • MXA • MX4-10-□



MXF • MXB • MXA • MX4-13-□



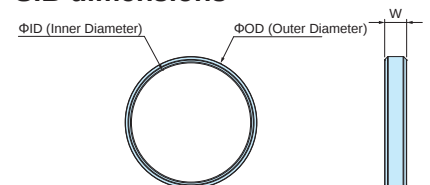
Accessories (Optional parts)

SIB series**SILICONE BAND**

Application example



- Silicone band designed to fit MXA and MX series.
- Silicone band provides both shock resistance and non-slip grips for the enclosure.
- Elastic silicone band may also fit other similarly sized enclosures.

SIB dimensions**Color Type**

Code	R Red	O Orange	Y Yellow	G Green	C Cyan	N Navy	L Light gray	B Black
Color								

Components

Part name	Pcs	Material	Color
Silicone band	Pair (2 pcs)	Silicone	Red • Orange • Yellow • Green • Cyan • Navy • Light gray • Black

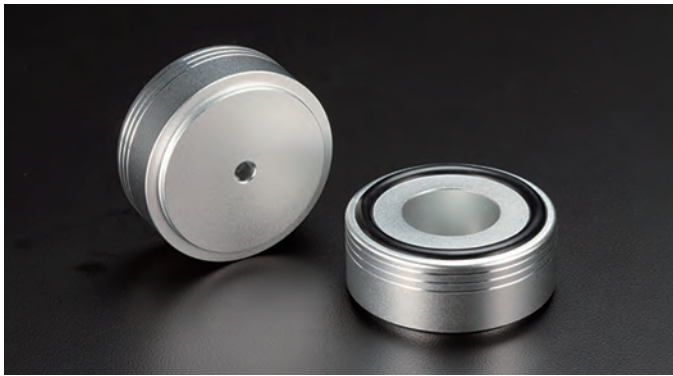
Product no. / Dimensions

■ Please suffix color code at the end of the product number.

Product no.	W	ID	OD	Suitable models	Enclosure circumference (mm)	Weight (g)
SIB-21□	6	21	25	MXA • MX2-4-□ • 2-6-□	95~135	2
SIB-38□	7	38	42	MXA • MX2-7-□ • 2-8-□ • 4-7-□	160~190	4
SIB-58□	8	58	63	MXA • MX3-11-□ • 4-10-□	215~255	10
SIB-72□	10	72	77	MXA • MX4-13-□	280~320	14

AFS•AFM series

ALUMINIUM ISOLATION FEET



External type / Shot blast finish AFS series



Internal type / Reflective finish AFM series

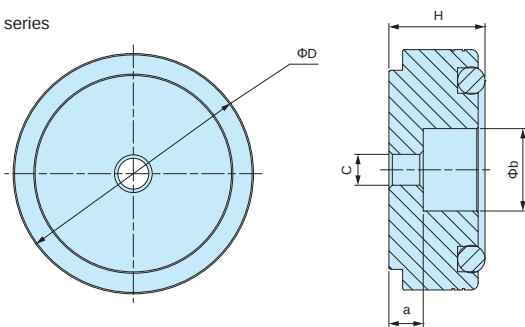
- The surface treatment and finish allows the feet to exhibit a polished and luxurious feel.
- Non-slip NBR O-ring is located on the underside of the feet.

Product no. / Details

Product no.		D	H	Installation type	C	a	b	Pack of
● Silver	● Black							
AFS20- 8S	AFS20- 8B	20	8	External	Φ3.4	3	9	4
AFS25-10S	AFS25-10B	25	10	External	Φ4.5	4	12	4
AFS30-12S	AFS30-12B	30	12	External	Φ4.5	5	12	4
AFS35-14S	AFS35-14B	35	14	External	Φ4.5	5	12	4
AFS39-16S	AFS39-16B	39	16	External	Φ4.5	5	15	4
AFS44-18S	AFS44-18B	44	18	External	Φ4.5	5	20	4
AFS55-20S	AFS55-20B	55	20	External	Φ5.5	5	20	4
AFM15- 7S	—	15	7	Internal	M3	4	—	4
AFM20- 9S	—	20	9	Internal	M3	5	—	4
AFM25-12S	—	25	12	Internal	M4	7	—	4
AFM30-14S	—	30	14	Internal	M4	8	—	4
AFM35-16S	—	35	16	Internal	M4	10	—	4
AFM39-18S	—	39	18	Internal	M4	10	—	4
AFM44-20S	—	44	20	Internal	M4	10	—	4
AFM55-22S	—	55	22	Internal	M5	15	—	4

AFS • AFM dimensions

AFS series

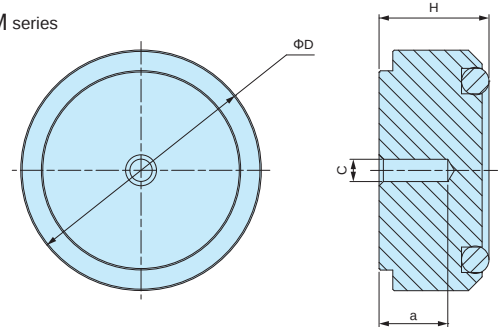


APPLICATION EXAMPLE



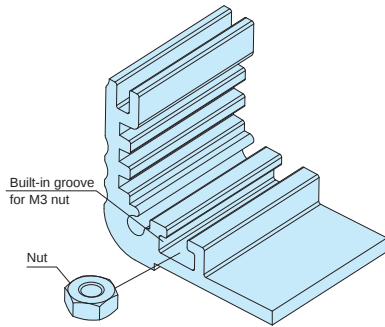
- DXF/DWG/PDF/STP drawings available on our website.

AFM series

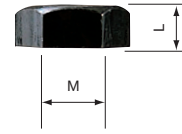


MT-3N

SLIDING NUT for EX□ • EXH□



MT-3N dimensions



Product no. / Dimensions

Product no.	M	L	Material	Finish	Pack of
MT-3N	3	2.4	Steel	Black trivalent chromate	50

- Sliding nut can be used on all EXPT • EXP • EXPE • EXW • EXPF • EXEF • EXWF • EX models with width 140mm or larger bottom covers, as well as with width 230mm and 285mm top covers, on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

EXEG series

EMC SHIELDING FABRIC-OVER-FOAM GASKET

- Exclusive EMC shielding fabric-over-foam gasket for EXPE • EXEF • EXHE • EXHFE models.

Suitable Models

Product no.	Suitable models
EXEG-2.5	EXPE7-□, 9-□, 12-□, 15-□, EXEF7-□, 9-□, 11-□, 15-□ EXHE8-□, 11-□, 14-□, EXHFE8-□, 11-□, 14-□
EXEG-3.2	EXPE20-□, 24-□, 30-□, EXEF20-□, 24-□ EXHE19-□, 23-□, 29-□, EXHFE19-□, 23-□, 29-□

Product no. / Dimensions

Product no.	Dimensions	Pack of
EXEG-2.5	Φ2.5×500mm	1
EXEG-3.2	Φ3.2×500mm	1

Length tolerance = +/- 10%



- Material / Color : Conductive fiber • TPE / Metallic gray

EX series APPLICATION EXAMPLE

Tube Amplifier

Product by MJ Audio Technology



IoT Relay Module

Product by Bunnyhop (Japan)



Premain Power Amplifier

Product by AY-densi (Japan)



USB Edge Node

Product by SHINWA (Japan)



TLW series

TILT LEG



APPLICATION EXAMPLE

- Double shot injection molded feet with soft and well-designed rounded shape.
- Non-slip design with Elastomer (TPE) pad.
- Available in 3 different color patterns (2 color patterns for TLW-70 models).
- TLW-70E models are exclusively for use with width 185mm or larger bottom covers of EXP • EXPE • EXW • EX • EXH • EXHE aluminium enclosures.

Technical Data

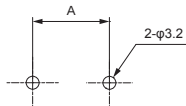
Max load : 7kg

Components

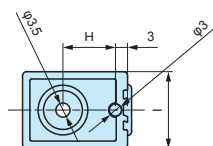
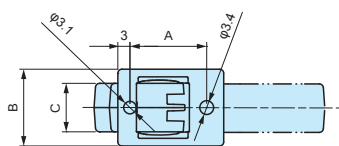
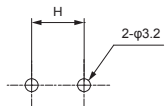
No.	Part name	Pcs	Material	Color / Finish
1	Front foot	2	PC + ABS UL94V-0 • TPE	Black & Black • Navy & Gray • Light gray & Gray
2	Rear foot	2	PC + ABS UL94V-0 • TPE	Black & Black • Navy & Gray • Light gray & Gray
-	Screw	4	Steel M3-8 pan head	Black trivalent chromate
-	Nut	4	Steel M3	Black trivalent chromate

TLW dimensions

Mounting hole (Front)

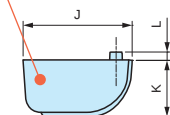
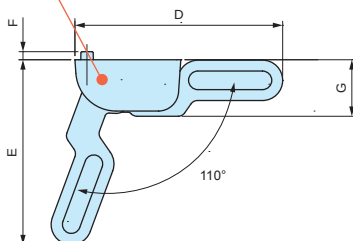


Mounting hole (Rear)



1

2

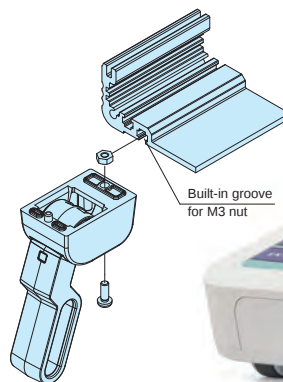


- DXF/DWG/PDF/STP drawings available on our website.

- TLW-70E□□ models are for installation (with M3 nut) into the built-in grooves on bottom-covers of EXP • EXPE 20-6, EXH • EXHE • EX 19-4 or larger models.

- Hole milling is required to install TLW-46□□ and TLW-70□□ models.

- Max installation panel thickness : t = 3.5mm



Built-in groove for M3 nut



Product no. / Dimensions

Product no.	A	B	C	D	E	F	G	H	I	J	K	L	Color (plastic)	Color (TPE)	Weight (g)
TLW-46BB	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Black	Black	23
TLW46-NG	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Navy	Gray	23
TLW-46LG	19	19	12	51.2	45.9	2	14	13	19	27	14	2	Light gray	Gray	23
TLW-70EBB	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Black	Black	59
TLW-70ENG	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Navy	Gray	59
TLW-70ELG	-	25	16	75.4	69	3	21.5	-	25	39	21.5	3	Light gray	Gray	59
TLW-70BB	30	25	16	75.4	69	2	21.5	20	25	39	21.5	2	Black	Black	59
TLW-70LG	30	25	16	75.4	69	2	21.5	20	25	39	21.5	2	Light gray	Gray	59

AW • AWN • AWP series

IP68 ALUMINIUM ENCLOSURE

AW • AWN • AWP series are highly functional aluminium enclosures which are IP68 (24 hours / 1m depth immersion) rated with heat dissipating heat-sink fins.

34 sizes available. Standard, Flanged, Shielding, and Silicone protector types are available.

Suitable for LED power supply, industrial camera, controller or measuring instrument where waterproof and cooling performance are crucial.

APPLICATION EXAMPLE

Waterproof Boating Network Modular System



GNSS Receiver



Heavy Duty Portable Hardness Tester



LoRa Wan Gateway



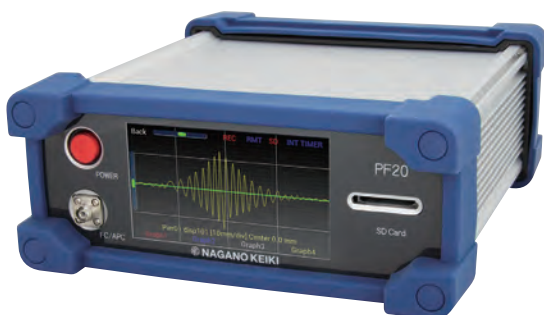
Radio-Control Electronic Exploder



Pin Hole Detector



FBG Data Logger



Data Logger with 3G Modem Report Function



Custom Length Available

Flexible frame length from 50mm to 700mm in 0.1mm intervals.

No minimum order quantity and short lead time for small quantity order.

See our website for further details.





- IP68 and heat dissipation enclosure. Designed with flanged end panels.
- PCB or chassis is mounted by sliding it horizontally into an inner-grooved body frame.
- Designed for a tough environment where waterproof and heat countermeasures are required.
- Suitable for outdoor use such as LED power supplies and junction boxes.

Technical Data

Protection class : IP68 (24 hours/1m depth)
 Operating temperature : -40°C ~ +105°C
 Recommended torque : 1.0N • m

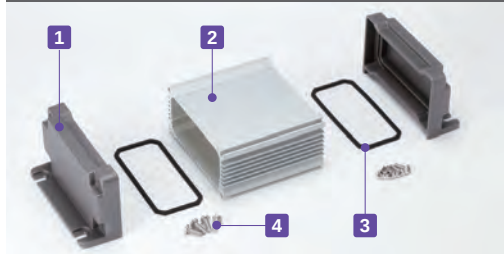
Normal N type Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged end panel	2	Diecast aluminium ADC12	Metallic gray • Black / Powder coated
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Gasket	2	Silicone	Black
4	Screw	8	Stainless steel	Unfinished

EMC Shielded E type Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged end panel	2	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Gasket	2	Conductive silicone	Black
4	Screw	8	Stainless steel	Unfinished

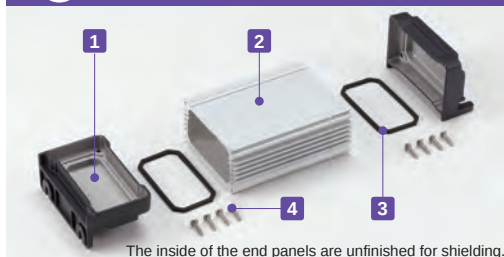
Normal - N type



Color type



EMC Shielded - E type

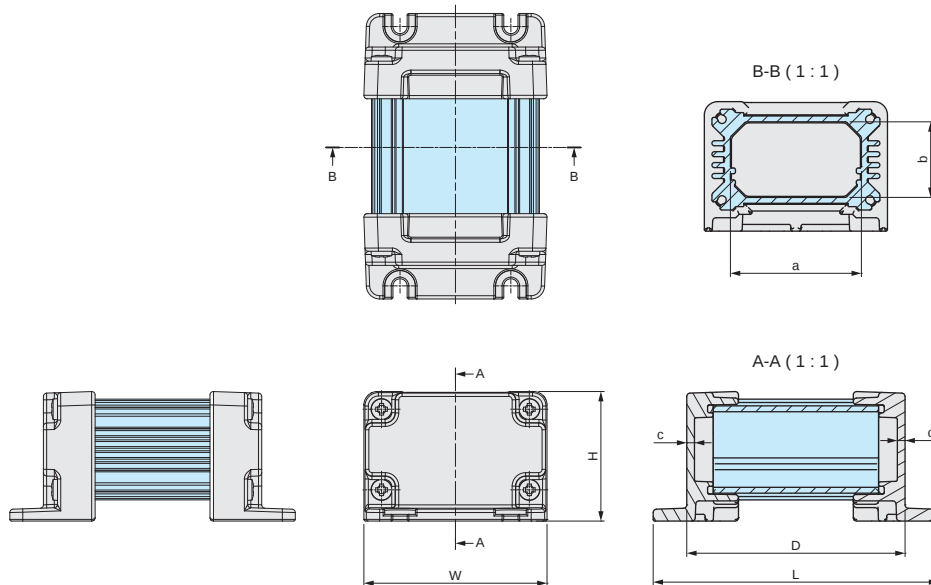


Color type



AW dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	W	H	D	L	a	b	c	Weight (g)
AW 5-4- 7□□□	54.6	38.6	65	85	39	22.5	2.3	128.5
AW 5-4- 9□□□	54.6	38.6	85	105	39	22.5	2.3	149
AW 5-4-11□□□	54.6	38.6	110	130	39	22.5	2.3	175
AW 5-4-14□□□	54.6	38.6	135	155	39	22.5	2.3	201.5
AW 7-7- 8□□□	65.8	70.8	80	106	47	51	2.5	294.5
AW 7-7-11□□□	65.8	70.8	110	136	47	51	2.5	350
AW 7-7-15□□□	65.8	70.8	150	176	47	51	2.5	424.5
AW 7-7-20□□□	65.8	70.8	200	226	47	51	2.5	517
AW 7-7-25□□□	65.8	70.8	250	276	47	51	2.5	610
AW 8-5- 9□□□	80.8	50.8	90	116	62	31	2.5	289.5
AW 8-5-12□□□	80.8	50.8	115	141	62	31	2.5	330.5
AW 8-5-14□□□	80.8	50.8	140	166	62	31	2.5	372
AW 8-5-18□□□	80.8	50.8	175	201	62	31	2.5	429.5
AW 9-9-10□□□	86.3	92	100	129	66.5	66.5	3	560.5
AW 9-9-13□□□	86.3	92	125	154	66.5	66.5	3	633.5
AW 9-9-17□□□	86.3	92	170	199	66.5	66.5	3	764.5
AW 9-9-22□□□	86.3	92	220	249	66.5	66.5	3	910.5
AW 9-9-28□□□	86.3	92	275	304	66.5	66.5	3	1,071
AW11-6-11□□□	106.3	62	110	139	86.5	36.5	3	526.5
AW11-6-15□□□	106.3	62	150	179	86.5	36.5	3	625
AW11-6-19□□□	106.3	62	190	219	86.5	36.5	3	723.5
AW11-6-24□□□	106.3	62	240	269	86.5	36.5	3	847
AW12-8-11□□□	120	77	105	134	100.2	51.5	3	614.5
AW12-8-14□□□	120	77	140	169	100.2	51.5	3	720.5
AW12-8-17□□□	120	77	179.5	208.5	100.2	51.5	3	840
AW12-8-22□□□	120	77	215	244	100.2	51.5	3	947.5
AW16-9-14□□□	156.3	87	135	164	136.5	61.5	3	945.5
AW16-9-18□□□	156.3	87	175	204	136.5	61.5	3	1,092.5
AW16-9-23□□□	156.3	87	225	254	136.5	61.5	3	1,275.5
AW16-9-28□□□	156.3	87	275	304	136.5	61.5	3	1,459
AW21-9-17□□□	206.3	87	170	199	186.5	61.5	3	1,303
AW21-9-21□□□	206.3	87	210	239	186.5	61.5	3	1,473.5
AW21-9-26□□□	206.3	87	260	289	186.5	61.5	3	1,686.5
AW21-9-31□□□	206.3	87	310	339	186.5	61.5	3	1,899.5

■ Custom length is available.

Accessories (Optional parts)



Mounting plate AWC series
See page 166



Hexagon socket head screw HCS series
See page 166



Cable gland
See page 181 ~ 193



Pole mounting bracket SSK series
See website



Protective vent CVP • PMF series
See page 195 ~ 200



- IP68 and heat dissipation enclosure design. Selectable in both Normal and EMC Shielded type.
- The extruded aluminium frame and diecast aluminium panels make it extremely suitable to be used in harsh environments where waterproofing and heat dissipation is essential.
- PCB or chassis can be mounted by sliding it horizontally into inner-grooved body frame.
- Suitable for measuring instruments, industrial control boxes, industrial camera housings, and other applications.

Technical Data

Protection class : IP68 (24 hours/1m depth)
Operating temperature : -40°C ~ +105°C
Recommended torque : 1.0N • m

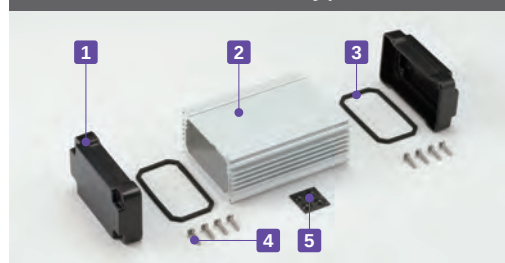
Normal N type Components

No.	Part name	Pcs	Material	Color / Finish
1	End panel	2	Diecast aluminium ADC12	Metallic gray • Black / Powder coated
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Gasket	2	Silicone	Black
4	Screw	8	Stainless steel	Unfinished
5	Rubber feet	4	Polyurethane	Black

EMC Shielded E type Components

No.	Part name	Pcs	Material	Color / Finish
1	End panel	2	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Gasket	2	Conductive silicone	Black
4	Screw	8	Stainless steel	Unfinished
5	Rubber feet	4	Polyurethane	Black

Normal - N type



Color type



Metallic gray / Silver

N G S



Black / Silver

N B S

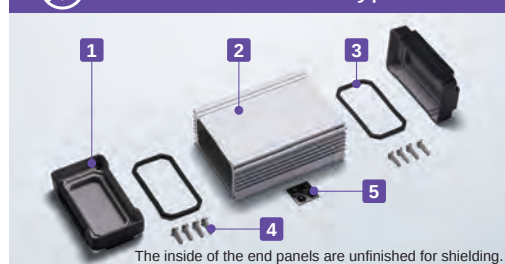


Black / Black

N B B



EMC Shielded - E type



Color type



Silver / Silver

E S S



Black / Silver

E B S

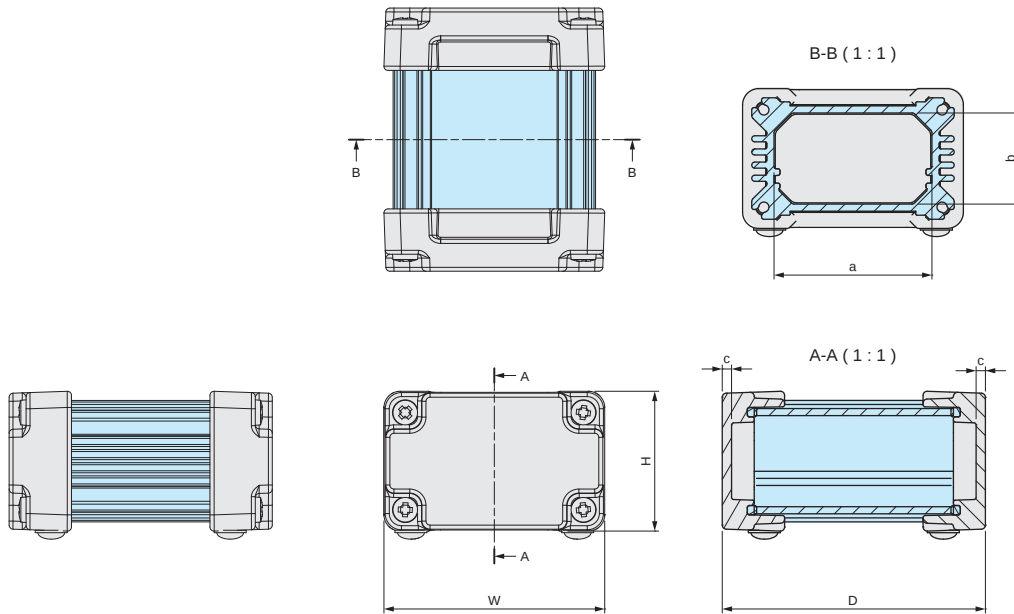


Black / Black

E B B

AWN dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



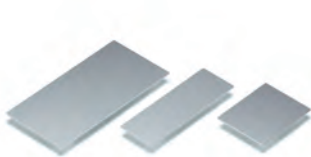
Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	W	H	D	a	b	c	Weight (g)
AWN 5-4- 7□□□	54.6	34.6	65	39	22.5	2.3	118.5
AWN 5-4- 9□□□	54.6	34.6	85	39	22.5	2.3	139
AWN 5-4-11□□□	54.6	34.6	110	39	22.5	2.3	165
AWN 5-4-14□□□	54.6	34.6	135	39	22.5	2.3	191.5
AWN 7-7- 8□□□	65.8	65.8	80	47	51	2.5	272.5
AWN 7-7-11□□□	65.8	65.8	110	47	51	2.5	328
AWN 7-7-15□□□	65.8	65.8	150	47	51	2.5	402.5
AWN 7-7-20□□□	65.8	65.8	200	47	51	2.5	495
AWN 7-7-25□□□	65.8	65.8	250	47	51	2.5	588
AWN 8-5- 9□□□	80.8	45.8	90	62	31	2.5	259.5
AWN 8-5-12□□□	80.8	45.8	115	62	31	2.5	300.5
AWN 8-5-14□□□	80.8	45.8	140	62	31	2.5	342
AWN 8-5-18□□□	80.8	45.8	175	62	31	2.5	399.5
AWN 9-9-10□□□	86.3	86.3	100	66.5	66.5	3	521.5
AWN 9-9-13□□□	86.3	86.3	125	66.5	66.5	3	594.5
AWN 9-9-17□□□	86.3	86.3	170	66.5	66.5	3	725.5
AWN 9-9-22□□□	86.3	86.3	220	66.5	66.5	3	871.5
AWN 9-9-28□□□	86.3	86.3	275	66.5	66.5	3	1,032
AWN11-6-11□□□	106.3	56.3	110	86.5	36.5	3	479.5
AWN11-6-15□□□	106.3	56.3	150	86.5	36.5	3	578
AWN11-6-19□□□	106.3	56.3	190	86.5	36.5	3	676.5
AWN11-6-24□□□	106.3	56.3	240	86.5	36.5	3	800
AWN12-8-11□□□	120	71.3	105	100.2	51.5	3	590.5
AWN12-8-14□□□	120	71.3	140	100.2	51.5	3	696.5
AWN12-8-17□□□	120	71.3	179.5	100.2	51.5	3	816
AWN12-8-22□□□	120	71.3	215	100.2	51.5	3	923.5
AWN16-9-14□□□	156.3	81.3	135	136.5	61.5	3	871.5
AWN16-9-18□□□	156.3	81.3	175	136.5	61.5	3	1,018.5
AWN16-9-23□□□	156.3	81.3	225	136.5	61.5	3	1,201.5
AWN16-9-28□□□	156.3	81.3	275	136.5	61.5	3	1,385
AWN21-9-17□□□	206.3	81.3	170	186.5	61.5	3	1,261
AWN21-9-21□□□	206.3	81.3	210	186.5	61.5	3	1,431.5
AWN21-9-26□□□	206.3	81.3	260	186.5	61.5	3	1,644.5
AWN21-9-31□□□	206.3	81.3	310	186.5	61.5	3	1,857.5

■ Custom length is available.

Accessories (Optional parts)



Mounting plate AWC series
See page 166



Hexagon socket head screw HCS series
See page 166



Cable gland
See page 181 ~ 193

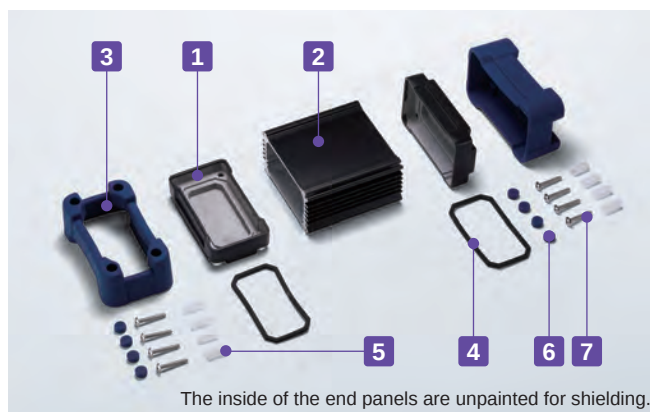


Silicone protector AWSP series
See page 165



Technical Data

Protection class : IP68 (24 hours/1m depth)
 Operating temperature : -40°C ~ +105°C
 Recommended torque : 1.0N • m



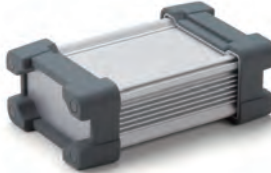
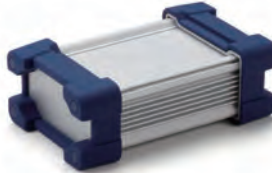
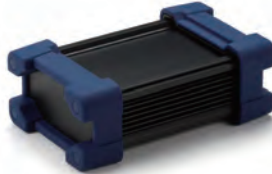
- Strong impact resistant enclosure with tough silicone boot protectors.
- Specifically designed with heat dissipation effect, EMC shielding and IP68 rating.
- PCB or chassis can be horizontally mounted by sliding into an inner-grooved body frame.
- Available in 25 sizes and 6 different color combinations. Selectable from a total of 150 different combinations.
- Suitable for measuring instruments, industrial control boxes, industrial camera housings, and other applications.

Components

No.	Part name	Pcs	Material	Color / Finish
1	End panel	2	Diecast aluminium ADC12	Silver • Black / Painted (Unfinished inside)
2	Body frame	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Protector	2	Silicone	Black • Gray • Navy
4	Conductive gasket	2	Conductive silicone	Black
5	Spacer	8	Resin	White
6	Blind cap	8	Silicone	Black • Gray • Navy
7	Screw	8	Stainless steel	Unfinished

■ AWP series utilizes AWN series E type enclosures.
 If N type is required, kindly purchase the enclosure and silicone protector separately.

Color Type

Code	S B Silver / Black	S G Silver / Gray	S N Silver / Navy
Color			
Code	B B Black / Black	B G Black / Gray	B N Black / Navy
Color			

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	W	H	D	※Thermal resistance rate (°C/W)	Weight (g)
AWP 8-5- 9□□	87.4(80.8)	53.6(45.8)	114 (90)	5.97	353.5
AWP 8-5-12□□	87.4(80.8)	53.6(45.8)	139(115)	5.01	394.5
AWP 8-5-14□□	87.4(80.8)	53.6(45.8)	164(140)	4.37	436
AWP 8-5-18□□	87.4(80.8)	53.6(45.8)	199(175)	3.76	493.5
AWP 9-9-10□□	93.9(86.3)	95.1(86.3)	130(100)	3.1	693
AWP 9-9-13□□	93.9(86.3)	95.1(86.3)	155(125)	2.63	766
AWP 9-9-17□□	93.9(86.3)	95.1(86.3)	200(170)	2.12	897
AWP 9-9-22□□	93.9(86.3)	95.1(86.3)	250(220)	1.79	1,043
AWP 9-9-28□□	93.9(86.3)	95.1(86.3)	305(275)	1.54	1,203.5
AWP11-6-11□□	113.9(106.3)	65.1(56.3)	140(110)	4.52	652.5
AWP11-6-15□□	113.9(106.3)	65.1(56.3)	180(150)	3.62	751.5
AWP11-6-19□□	113.9(106.3)	65.1(56.3)	220(190)	3.08	850
AWP11-6-24□□	113.9(106.3)	65.1(56.3)	270(240)	2.64	973
AWP12-8-11□□	127.6(120)	80.1(71.3)	135(105)	3.6	778.5
AWP12-8-14□□	127.6(120)	80.1(71.3)	170(140)	2.93	885
AWP12-8-17□□	127.6(120)	80.1(71.3)	209.5(179.5)	2.47	1,004.5
AWP12-8-22□□	127.6(120)	80.1(71.3)	245(215)	2.18	1,112
AWP16-9-14□□	163.9(156.3)	90.1(81.3)	165(135)	2.64	1,094
AWP16-9-18□□	163.9(156.3)	90.1(81.3)	205(175)	2.2	1,240.5
AWP16-9-23□□	163.9(156.3)	90.1(81.3)	255(225)	1.86	1,424
AWP16-9-28□□	163.9(156.3)	90.1(81.3)	305(275)	1.63	1,607.5
AWP21-9-17□□	213.9(206.3)	90.1(81.3)	202(170)	2.3	1,571.5
AWP21-9-21□□	213.9(206.3)	90.1(81.3)	242(210)	1.99	1,742
AWP21-9-26□□	213.9(206.3)	90.1(81.3)	292(260)	1.72	1,955.5
AWP21-9-31□□	213.9(206.3)	90.1(81.3)	342(310)	1.54	2,168.5

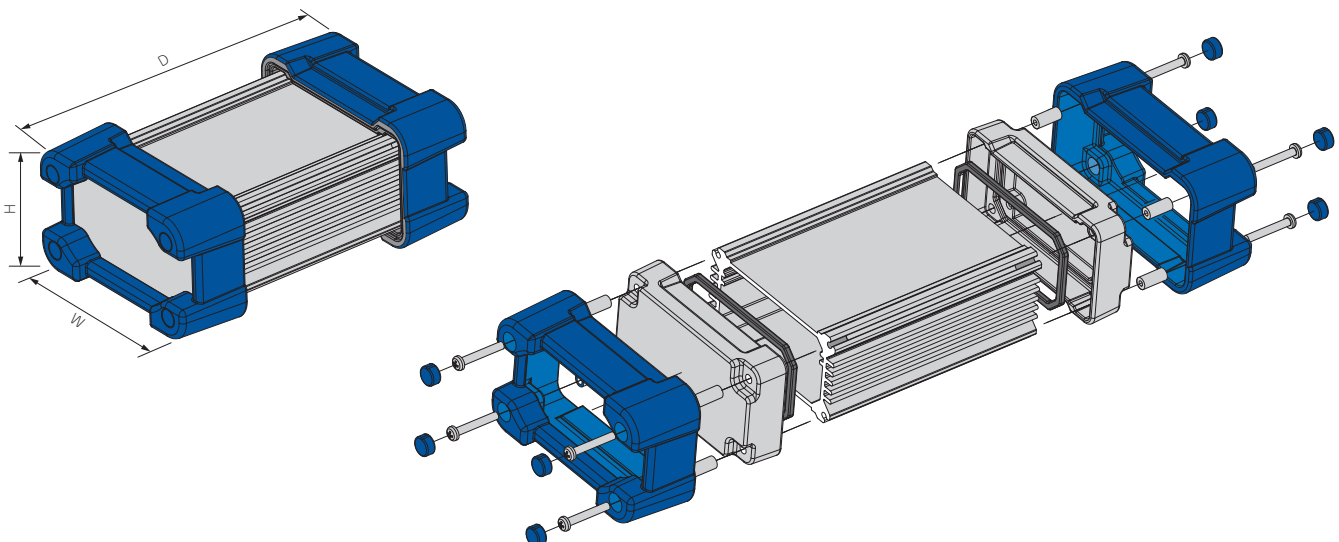
■ () value = enclosure dimension.

※ Thermal resistance test condition

- Ambient air cooling
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Anodized aluminium extrusion
- Heat source is applied on the opposite side (inner side) of the fins.

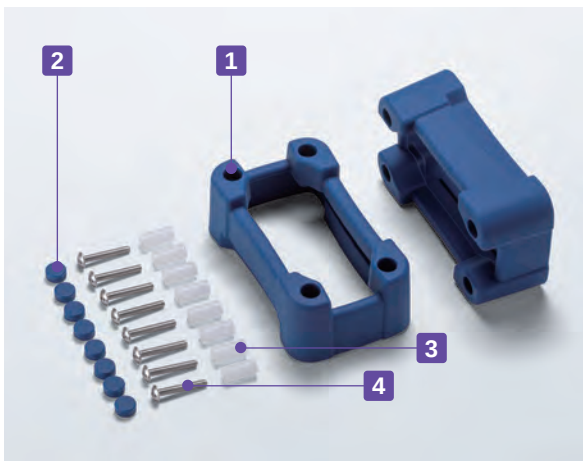
AWP dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



AWSP series

SILICONE PROTECTOR for AWN

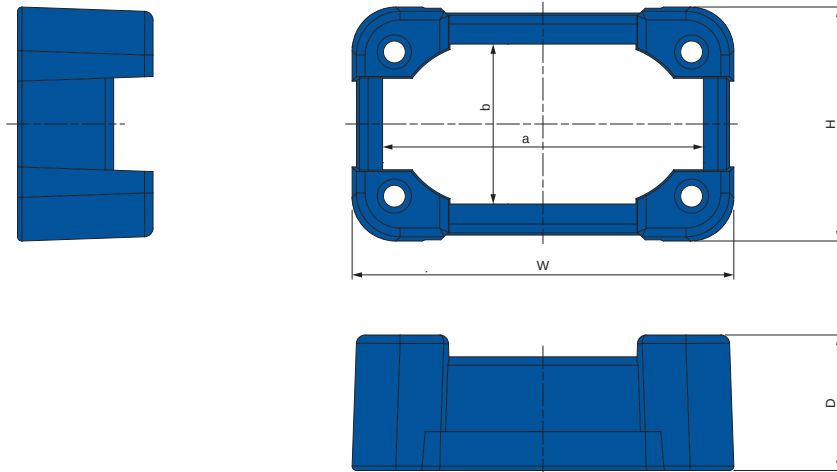


Color Type

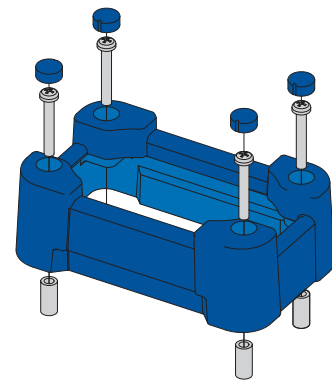
Code	B Black	G Gray	N Navy
Color			

■ Silicone protector for AWN series.

AWSP dimensions



■ DXF/DWG/PDF drawings available on our website.



Components

No.	Part name	Pcs	Material	Color / Finish
1	Protector	2	Silicone	Black • Gray • Navy
2	Blind cap	8	Silicone	Black • Gray • Navy
3	Spacer	8	POM	White
4	Screw	8	Stainless steel	Unfinished

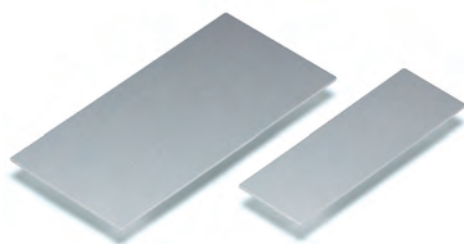
Product no. / Details

■ Please suffix color code at the end of the product number.

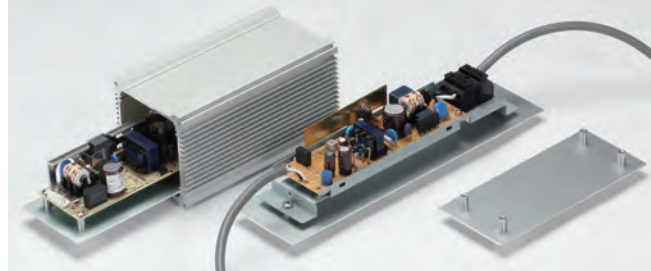
Product no.	W	H	D	a	b	Screw size	Suitable models	Weight (g)
AWSP 8-5□	87.4	53.6	31	73.4	36.6	M3	AWN 8-5-□	100.5
AWSP 9-9□	93.9	95.1	35.5	76.9	75.1	M4	AWN 9-9-□	184.5
AWSP11-6□	113.9	65.1	35.5	96.9	45.1	M4	AWN11-6-□	186
AWSP12-8□	127.6	80.1	35.5	110.6	60.1	M4	AWN12-8-□	201
AWSP16-9□	163.9	90.1	35.5	145.9	69.1	M4	AWN16-9-□	235
AWSP21-9□	213.9	90.1	39.5	192.9	66.1	M5	AWN21-9-□	333

■ Protect switches and/or connectors on end panels from impact when dropped, etc. Custom color is available from just 1 set. For 250 sets or more, manufacturing costs will be similar to a standard color. Please inquire for more details. For custom color order, please specify **PANTONE®** color code.

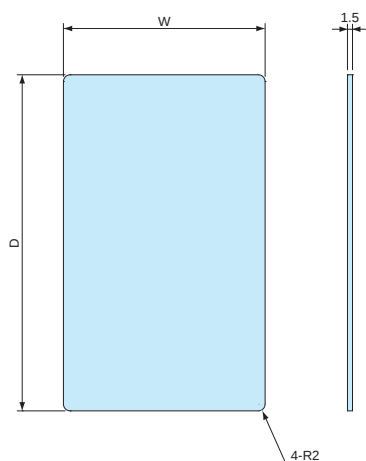


AWC series**ALUMINIUM MOUNTING PLATE for AW • AWN • AWP • AWA**

APPLICATION EXAMPLE



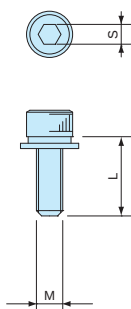
- Material: Aluminium A1050P t=1.5 / Silver anodized
- Mounting plate for AW, AWN, AWP, and AWA enclosures.
- Utilize for mounting PCB, power supply, terminal blocks, etc.

AWC dimensions

- DXF/DWG/PDF drawings available on our website.

Product no. / Details

Product no.	W	D	Suitable models
AWC 5- 7	38.9	49.2	AW • AWN 5-4- 7
AWC 5- 9	38.9	69.2	AW • AWN 5-4- 9
AWC 5-11	38.9	94.2	AW • AWN 5-4-11
AWC 5-14	38.9	119.2	AW • AWN 5-4-14
AWC 7- 8	47	64	AW • AWN 7-7- 8 • AWA 6-6- 7
AWC 7-11	47	94	AW • AWN 7-7-11 • AWA 6-6-10
AWC 7-15	47	134	AW • AWN 7-7-15 • AWA 6-6-14
AWC 7-20	47	184	AW • AWN 7-7-20 • AWA 6-6-19
AWC 7-25	47	234	AW • AWN 7-7-25 • AWA 6-6-24
AWC 8- 9	61.8	74	AW • AWN • AWP 8-5- 9 • AWA 8-4- 8
AWC 8-12	61.8	99	AW • AWN • AWP 8-5-12 • AWA 8-4-10
AWC 8-14	61.8	124	AW • AWN • AWP 8-5-14 • AWA 8-4-13
AWC 8-18	61.8	159	AW • AWN • AWP 8-5-18 • AWA 8-4-16
AWC 9-10	66.5	81	AW • AWN • AWP 9-9-10 • AWA 8-8- 9
AWC 9-13	66.5	106	AW • AWN • AWP 9-9-13 • AWA 8-8-11
AWC 9-17	66.5	151	AW • AWN • AWP 9-9-17 • AWA 8-8-16
AWC 9-22	66.5	201	AW • AWN • AWP 9-9-22 • AWA 8-8-21
AWC 9-28	66.5	256	AW • AWN • AWP 9-9-28 • AWA 8-8-26
AWC11-11	86.5	90.6	AW • AWN • AWP11-6-11 • AWA10-5-10
AWC11-15	86.5	130.6	AW • AWN • AWP11-6-15 • AWA10-5-14
AWC11-19	86.5	170.6	AW • AWN • AWP11-6-19 • AWA10-5-18
AWC11-24	86.5	220.6	AW • AWN • AWP11-6-24 • AWA10-5-23
AWC12-11	100.2	85.6	AW • AWN • AWP12-8-11 • AWA12-7- 9
AWC12-14	100.2	120.6	AW • AWN • AWP12-8-14 • AWA12-7-12
AWC12-17	100.2	160.1	AW • AWN • AWP12-8-17 • AWA12-7-17
AWC12-22	100.2	195.6	AW • AWN • AWP12-8-22 • AWA12-7-20
AWC16-14	136.3	115.6	AW • AWN • AWP16-9-14 • AWA15-8-12
AWC16-18	136.3	155.6	AW • AWN • AWP16-9-18 • AWA15-8-16
AWC16-23	136.3	205.6	AW • AWN • AWP16-9-23 • AWA15-8-21
AWC16-28	136.3	255.6	AW • AWN • AWP16-9-28 • AWA15-8-26
AWC21-17	186.1	147.8	AW • AWN • AWP21-9-17 • AWA20-8-15
AWC21-21	186.1	187.8	AW • AWN • AWP21-9-21 • AWA20-8-19
AWC21-26	186.1	237.8	AW • AWN • AWP21-9-26 • AWA20-8-24
AWC21-31	186.1	287.8	AW • AWN • AWP21-9-31 • AWA20-8-29

HCS series**HEXAGON SOCKET HEAD SCREW for AW • AWN**

- Hexagon socket head screws for fastening the end panels of AW and AWN enclosures.
- Utilize for tamper-resistance functionality or for an elegant sleek look.

Product no. / Details

Product no.	M	L	S	Material	Pack of
HCS3-12S	3	12	2.5	Stainless steel	8
HCS4-12S	4	12	3	Stainless steel	8
HCS5-12S	5	12	4	Stainless steel	8

AWA series HEAT-SINK ALUMINIUM ENCLOSURE

AWA series is an aluminium enclosure that has a frame with heat-sink fins on both sides.

Furthermore, the enclosure is also conductive, which provides a shielding effect.

By machining the panels, the unit becomes extremely suitable to be used as high-end audio, or as an industrial equipment.

APPLICATION EXAMPLE

Industrial IoT Interface Device



Industrial Fanless PC



Audio Amplifier

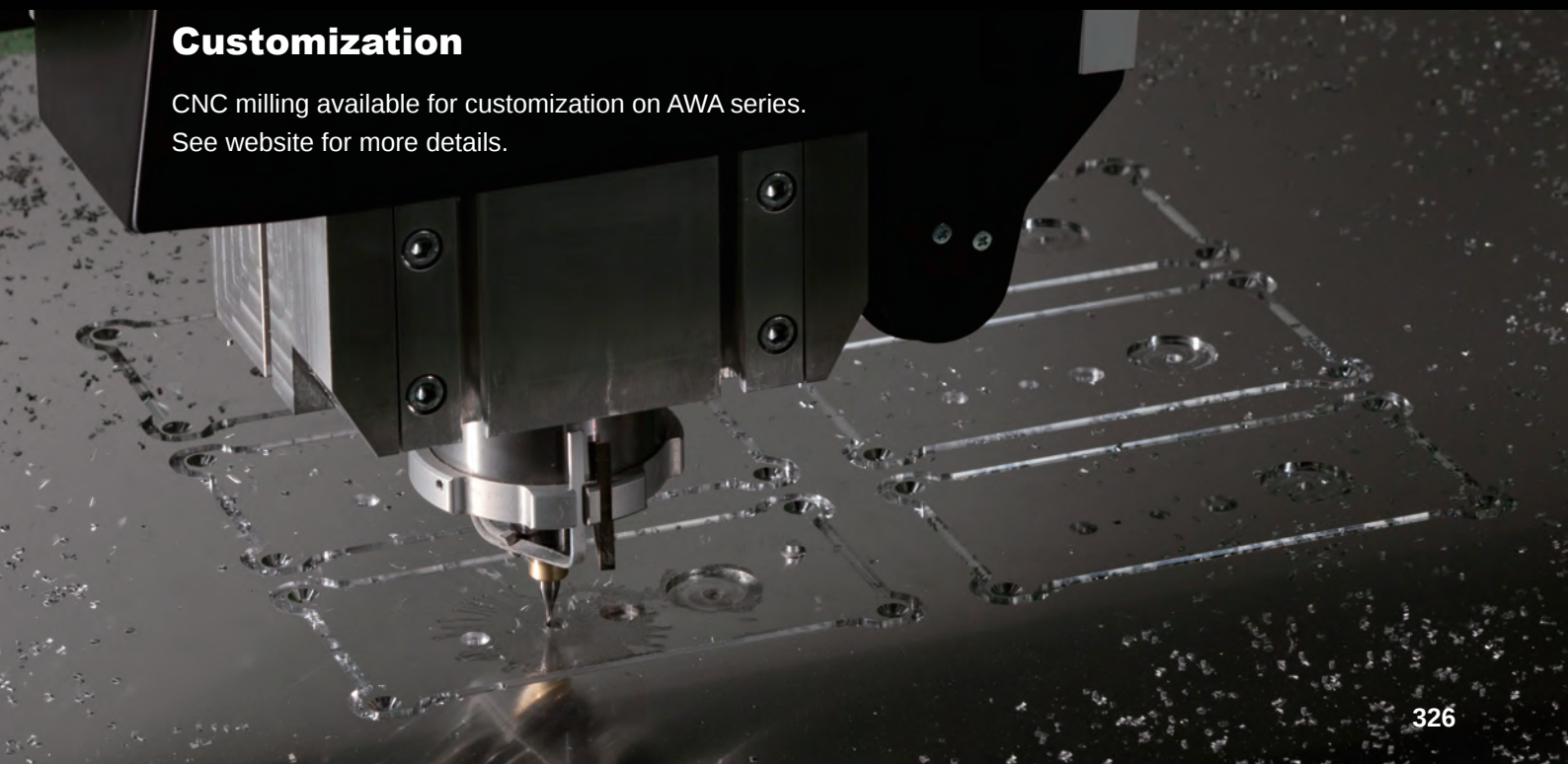


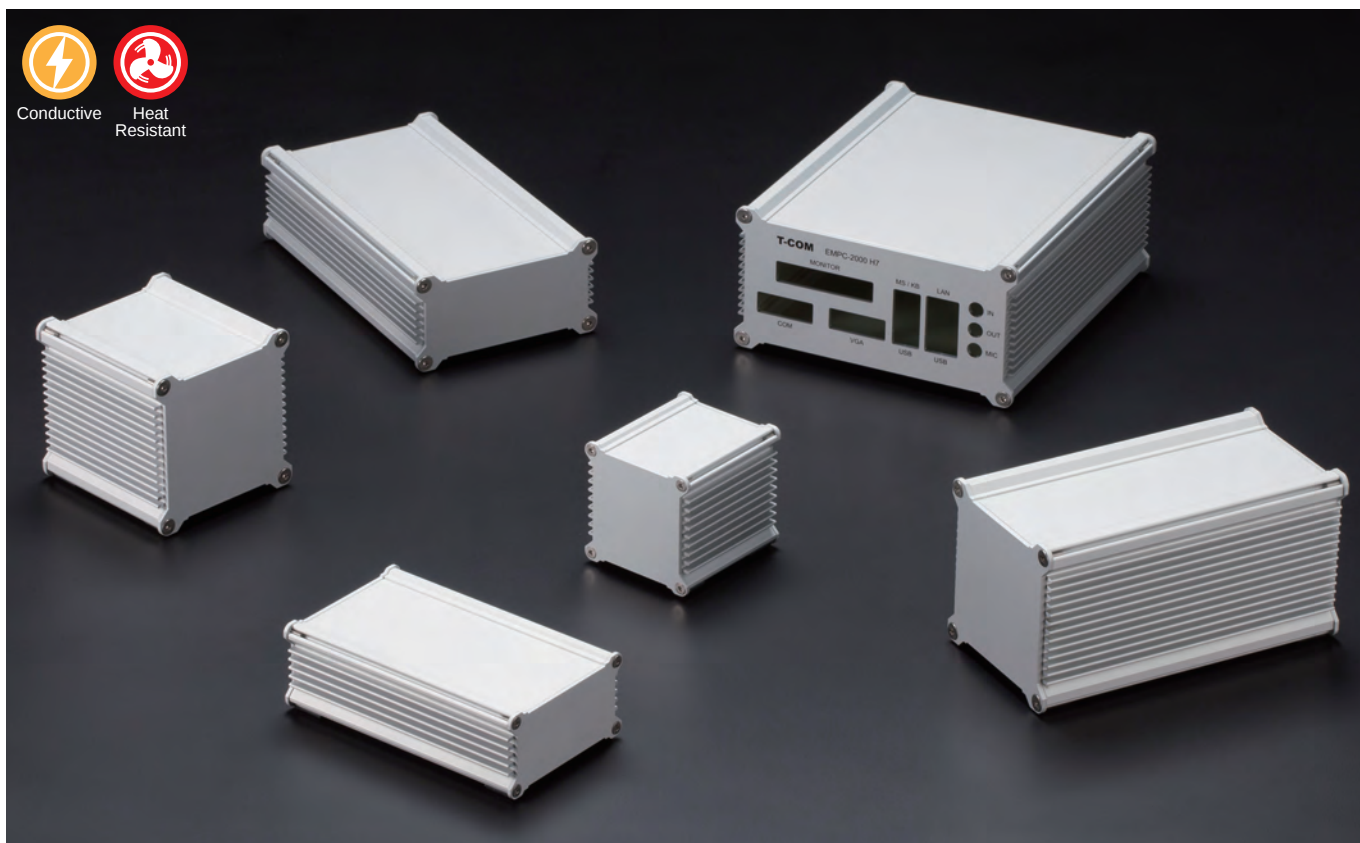
Wide-Band Solid State Optical Amplifier



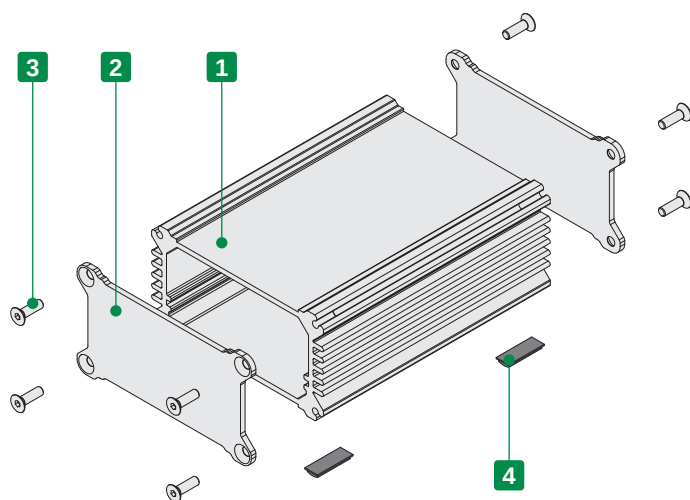
Customization

CNC milling available for customization on AWA series.
See website for more details.





- Extruded aluminium frame manufactured with heat-sink sides.
- Silver anodized end panels make for a luxurious finish.
- Conductivity is achieved by utilizing the contact between the unfinished end panel sides and the unfinished ends of the frame.
- PCB or chassis can be horizontally mounted by sliding into an inner-grooved body frame.
- Suitable for industrial fanless PC, measuring instrument, digital audio amplifier and more.
- Custom length is available.



Included screws :
 AWA5-3, 6-6, 8-4 models : Hex flat head M3-8 x 8 pcs
 AWA8-8, 10-5, 12-7, 15-8 models : Hex flat head M4-10 x 8 pcs
 AWA20-8 models : Hex flat head M5-10 x 8 pcs
 ※Hexagonal wrench included

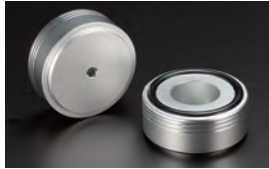
Component

No.	Part name	Pcs	Material	Color / Finish
1	Body frame	1	Extruded aluminium A6063S-T5	Silver / Anodized with clear coating
2	End panel	2	Aluminium A1050P	Silver / Anodized (Unfinished inside)
3	Hex socket screw	8	Stainless steel	Unfinished
4	Rubber feet	4	Polyurethane	Black

Accessories (Optional parts)



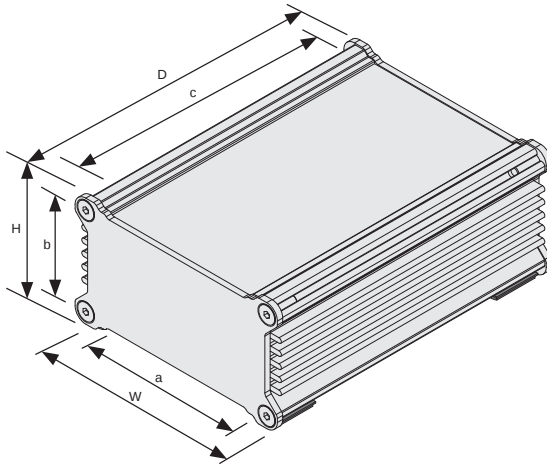
Mounting plate AWC series
See page 166



Aluminium isolation feet AFS • AFM series
See page 333

AWA dimensions

※c = Body frame length.



■ DXF/DWG/PDF/STP drawings available on our website.

※ Thermal resistance test condition

- Ambient air cooling
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Anodized aluminium extrusion
- Heat source is applied on the opposite side (inner side) of the fins.

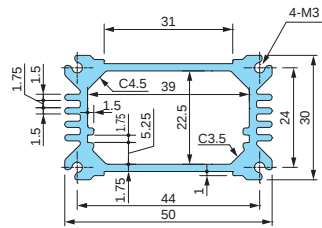
Product no. / Details

Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)	Weight (g)
	W	H	D	a	b	c		
AWA 5-3- 5SS	52	32	53.2	39	22.5	49.2	11.2	69.5
AWA 5-3- 7SS	52	32	73.2	39	22.5	69.2	9.18	90.5
AWA 5-3-10SS	52	32	98.2	39	22.5	94.2	7.64	116.5
AWA 5-3-12SS	52	32	123.2	39	22.5	119.2	6.63	142.5
AWA 6-6- 7SS	61	61	68	47	51	64	4.41	156
AWA 6-6-10SS	61	61	98	47	51	94	3.5	212
AWA 6-6-14SS	61	61	138	47	51	134	2.83	286
AWA 6-6-19SS	61	61	188	47	51	184	2.33	379
AWA 6-6-24SS	61	61	238	47	51	234	2.02	471.5
AWA 8-4- 8SS	76	41	78	62	31	74	5.97	154
AWA 8-4-10SS	76	41	103	62	31	99	5.01	195
AWA 8-4-13SS	76	41	128	62	31	124	4.37	236.5
AWA 8-4-16SS	76	41	163	62	31	159	3.76	294
AWA 8-8- 9SS	82	82	86	66.5	66.5	81	3.1	319.5
AWA 8-8-11SS	82	82	111	66.5	66.5	106	2.63	392.5
AWA 8-8-16SS	82	82	156	66.5	66.5	151	2.12	523.5
AWA 8-8-21SS	82	82	206	66.5	66.5	201	1.79	669.5
AWA 8-8-26SS	82	82	261	66.5	66.5	256	1.54	829.5
AWA10-5-10SS	102	52	95.6	86.5	36.5	90.6	4.52	288.5
AWA10-5-14SS	102	52	135.6	86.5	36.5	130.6	3.62	387.5
AWA10-5-18SS	102	52	175.6	86.5	36.5	170.6	3.08	486
AWA10-5-23SS	102	52	225.6	86.5	36.5	220.6	2.64	609
AWA12-7- 9SS	115.7	67	90.6	100.2	51.5	85.6	3.6	354
AWA12-7-12SS	115.7	67	125.6	100.2	51.5	120.6	2.93	460
AWA12-7-17SS	115.7	67	165.1	100.2	51.5	160.1	2.47	579.5
AWA12-7-20SS	115.7	67	200.6	100.2	51.5	195.6	2.18	687
AWA15-8-12SS	152	77	120.6	136.5	61.5	115.6	2.64	565.5
AWA15-8-16SS	152	77	160.6	136.5	61.5	155.6	2.2	712
AWA15-8-21SS	152	77	210.6	136.5	61.5	205.6	1.86	895.5
AWA15-8-26SS	152	77	260.6	136.5	61.5	255.6	1.63	1,079
AWA20-8-15SS	202.4	77.4	153.8	186.5	61.5	147.8	2.3	854.5
AWA20-8-19SS	202.4	77.4	193.8	186.5	61.5	187.8	1.99	1,025
AWA20-8-24SS	202.4	77.4	243.8	186.5	61.5	237.8	1.72	1,238
AWA20-8-29SS	202.4	77.4	293.8	186.5	61.5	287.8	1.54	1,451.5

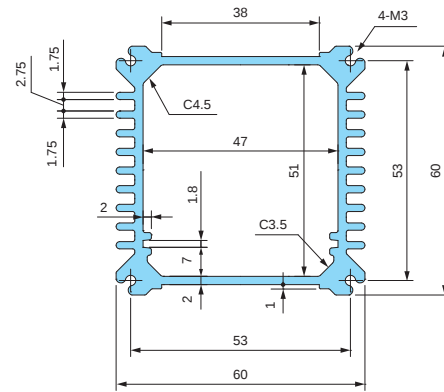
Cross-section view of frame

■ DXF/DWG/PDF/STP drawings available on our website.

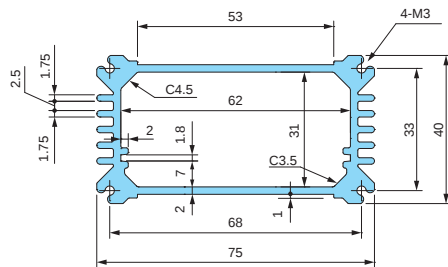
AW • AWN5-4-□
AWA5-3-□



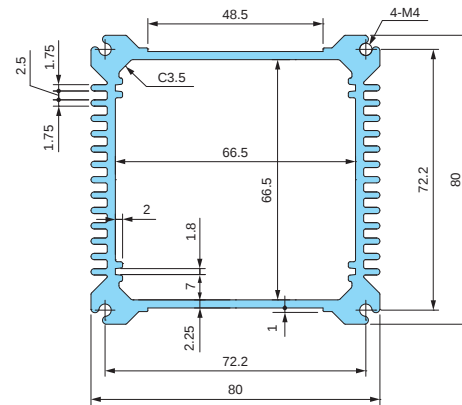
AW • AWN • AWP7-7-□
AWA6-6-□



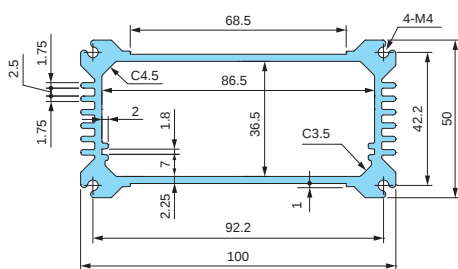
AW • AWN • AWP8-5-□
AWA8-4-□



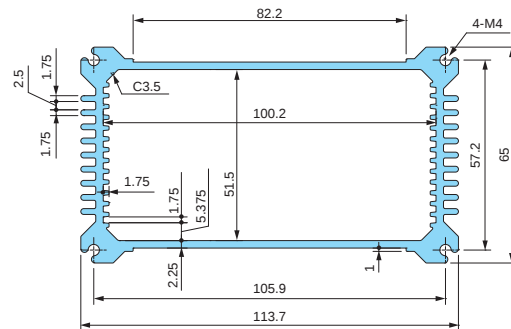
AW • AWN • AWP9-9-□
AWA8-8-□



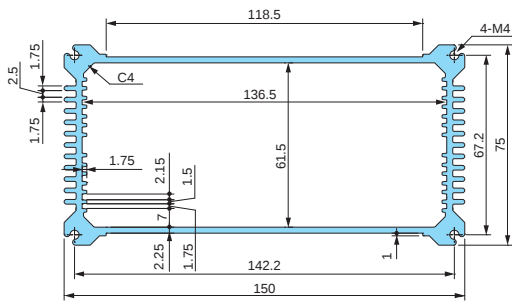
AW • AWN • AWP11-6-□
AWA10-5-□



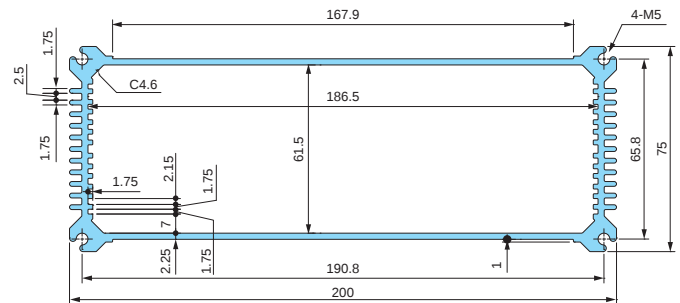
AW • AWN • AWP12-8-□
AWA12-7-□



AW • AWN • AWP16-9-□
AWA15-8-□



AW • AWN • AWP21-9-□
AWA20-8-□



※ Thermal resistance test condition

- Ambient air cooling
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Anodized aluminium extrusion
- Heat source is applied on the opposite side (inner side) of the fins.

Product no.				Frame length	※ Thermal resistance rate (°C/W)
AW 5-4- 7	AWN 5-4- 7	—	AWA 5-3- 5	49.2	11.2
AW 5-4- 9	AWN 5-4- 9	—	AWA 5-3- 7	69.2	9.18
AW 5-4-11	AWN 5-4-11	—	AWA 5-3-10	94.2	7.64
AW 5-4-14	AWN 5-4-14	—	AWA 5-3-12	119.2	6.63
AW 7-7- 8	AWN 7-7- 8	—	AWA 6-6- 7	64	4.41
AW 7-7-11	AWN 7-7-11	—	AWA 6-6-10	94	3.5
AW 7-7-15	AWN 7-7-15	—	AWA 6-6-14	134	2.83
AW 7-7-20	AWN 7-7-20	—	AWA 6-6-19	184	2.33
AW 7-7-25	AWN 7-7-25	—	AWA 6-6-24	234	2.02
AW 8-5- 9	AWN 8-5- 9	AWP 8-5- 9	AWA 8-4- 8	74	5.97
AW 8-5-12	AWN 8-5-12	AWP 8-5-12	AWA 8-4-10	99	5.01
AW 8-5-14	AWN 8-5-14	AWP 8-5-14	AWA 8-4-13	124	4.37
AW 8-5-18	AWN 8-5-18	AWP 8-5-18	AWA 8-4-16	159	3.76
AW 9-9-10	AWN 9-9-10	AWP 9-9-10	AWA 8-8- 9	81	3.1
AW 9-9-13	AWN 9-9-13	AWP 9-9-13	AWA 8-8-11	106	2.63
AW 9-9-17	AWN 9-9-17	AWP 9-9-17	AWA 8-8-16	151	2.12
AW 9-9-22	AWN 9-9-22	AWP 9-9-22	AWA 8-8-21	201	1.79
AW 9-9-28	AWN 9-9-28	AWP 9-9-28	AWA 8-8-26	256	1.54
AW11-6-11	AWN11-6-11	AWP11-6-11	AWA10-5-10	90.6	4.52
AW11-6-15	AWN11-6-15	AWP11-6-15	AWA10-5-14	130.6	3.62
AW11-6-19	AWN11-6-19	AWP11-6-19	AWA10-5-18	170.6	3.08
AW11-6-24	AWN11-6-24	AWP11-6-24	AWA10-5-23	220.6	2.64
AW12-8-11	AWN12-8-11	AWP12-8-11	AWA12-7-9	85.6	3.6
AW12-8-14	AWN12-8-14	AWP12-8-14	AWA12-7-12	120.6	2.93
AW12-8-17	AWN12-8-17	AWP12-8-17	AWA12-7-17	160.1	2.47
AW12-8-22	AWN12-8-22	AWP12-8-22	AWA12-7-20	195.6	2.18
AW16-9-14	AWN16-9-14	AWP16-9-14	AWA15-8-12	115.6	2.64
AW16-9-18	AWN16-9-18	AWP16-9-18	AWA15-8-16	155.6	2.2
AW16-9-23	AWN16-9-23	AWP16-9-23	AWA15-8-21	205.6	1.86
AW16-9-28	AWN16-9-28	AWP16-9-28	AWA15-8-26	255.6	1.63
AW21-9-17	AWN21-9-17	AWP21-9-17	AWA20-8-15	147.8	2.3
AW21-9-21	AWN21-9-21	AWP21-9-21	AWA20-8-19	187.8	1.99
AW21-9-26	AWN21-9-26	AWP21-9-26	AWA20-8-24	237.8	1.72
AW21-9-31	AWN21-9-31	AWP21-9-31	AWA20-8-29	287.8	1.54

EXH • EXHE • EXHF • EXHFE series

HEAT-SINK ALUMINIUM ENCLOSURE

EXH • EXHE • EXHF • EXHFE series are aluminium enclosures with a highly efficient heat-sink top cover. Suitable to be used as fanless PC, power amplifier, and power supply box where heat dissipation is required.

Wide range, 64 different sizes available with EMC shielded and flanged models.



Waved surface heat-sink fins for maximum cooling performance!

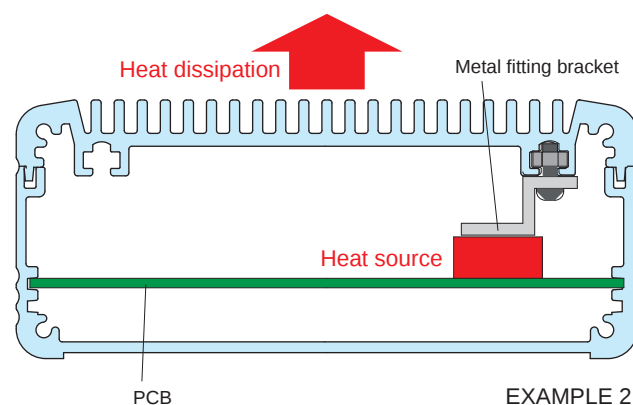
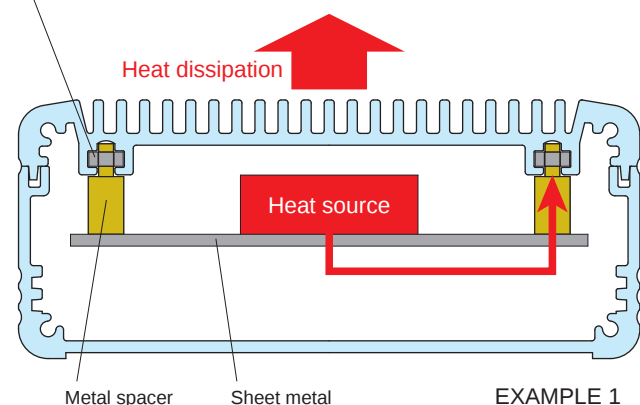
- Each heat-sink fin has a waved surface construction for maximum cooling performance.

Waved Surface



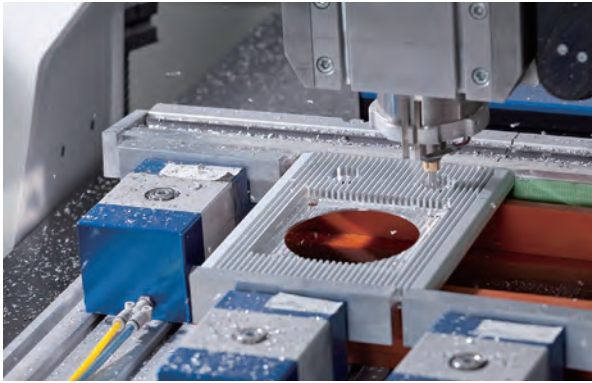
HEAT DISSIPATION EXAMPLE

- EXH series has grooves to put M3 nuts inside its heat-sink cover. It is possible to construct a heat conduction route from your heat source to heat-sink cover easily for better heat dissipation performance.



CUSTOMIZATION EXAMPLE

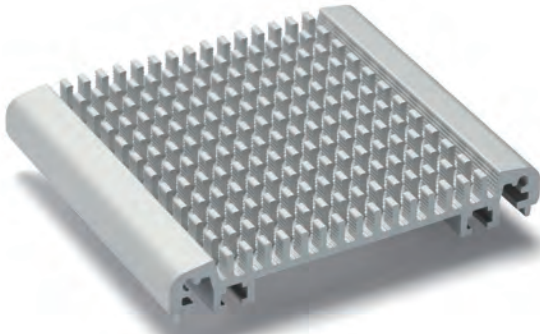
CNC Machining on Heat-sink Cover



Heat-sink plates can be customized with our high speed CNC machines.



Pin Shaped Fin Customization



Pin shaped heat-sink fin can be customized for better cooling performance.

Color Anodization

Various colors, such as blue, red, orange, green or purple can be anodized as per your requirements.



■ Not all colors and shades of colors are possible.

Custom Length Available



APPLICATION EXAMPLE

Stabilized Diode Laser

Product by Spectra Quest Lab. (Japan)

Controller



Laser Head



IoT Gateway

Product by VNPT Technology (Vietnam)



UPS Battery Monitoring System

Product by BatteryDAQ (USA)



All-in-one Edge Node

Product by SHINWA (Japan)



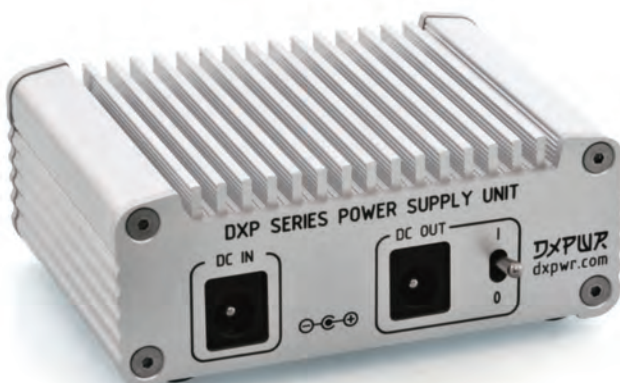
4 Channel Power Switching Edge Node

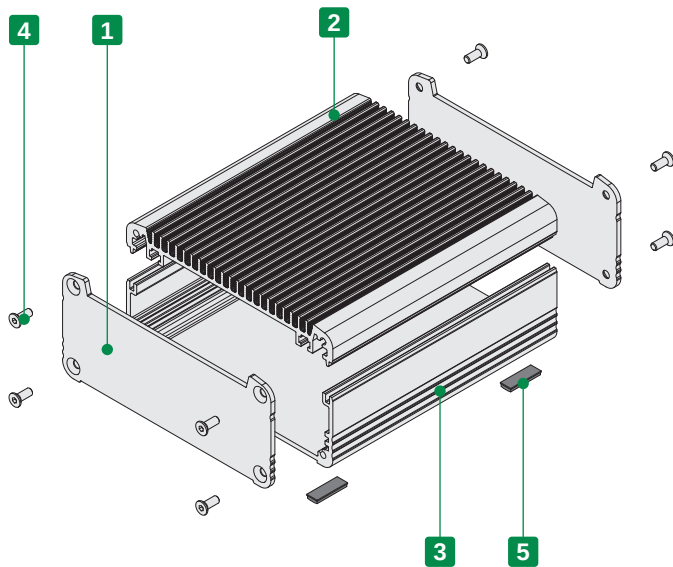
Product by SHINWA (Japan)



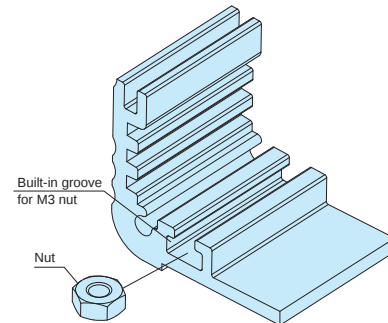
Ultra Low Noise Regulation Power Supply

Product by Impex Technology (UAE)



EXH series**HEAT-SINK ALUMINIUM ENCLOSURE**

- Aluminum enclosure equipped with a highly efficient heat-sink top cover.
- Suitable to be used as a fanless PC, power amplifier, power supply etc. where heat dissipation is required.
- Selectable in 64 different sizes and 2 different color combinations.
- Grooves for M3 sliding nut are built into the heat-sink top cover and bottom frame (140mm or wider). Optional nut is available.

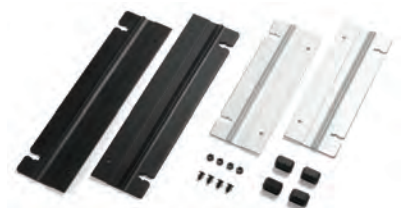
**Components**

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1050P	Metallic silver / Painted (Unfinished inside) : Black / Anodized
2	Heat-sink top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside) : Black / Anodized
3	Bottom frame	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside) : Black / Anodized
4	Screw (Hexagonal)	8	Stainless steel	Unfinished
5	Rubber feet	4	Polyurethane • Synthetic rubber	Black

■ Rubber feet material : Polyurethane : EXH8-□ ~ 19-□ models • Synthetic rubber : EXH23-□ ~ 29-□ models.

Accessories (Optional parts)**Color Type**

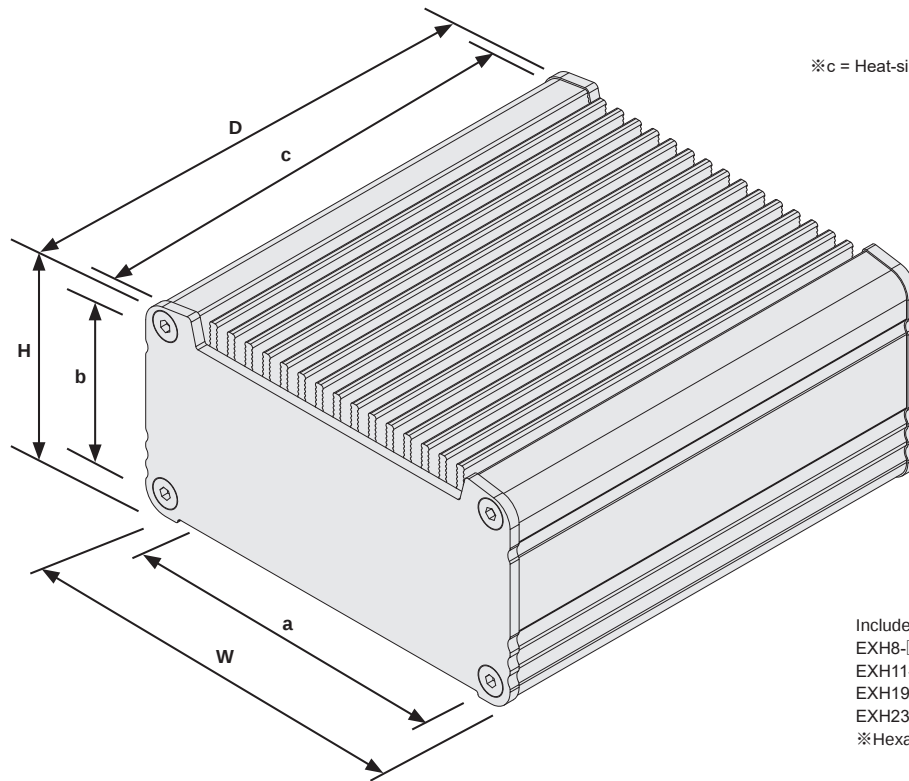
Code	S S Silver / Silver	B B Black / Black
Color		



Wall mounting bracket
EF series
See Page 240

EXH dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Included screws
 EXH8-□ models : M2.5-8 x 8 pcs
 EXH11-□, 14-□ models : M3-8 x 8 pcs
 EXH19-□ models : M4-10 x 8 pcs
 EXH23-□, 29-□ models : M5-10 x 8 pcs
 ※ Hexagonal wrench included

Product no. / Details

■ Please suffix color code at the end of the product number.

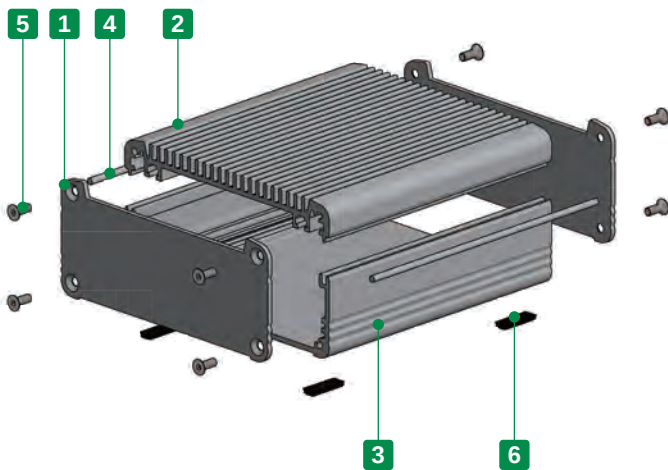
Product no.	External dimensions			Internal dimensions			※ Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXH 8-3- 6□□	80.6	30.7	60	66	15	56	7.32
EXH 8-3- 9□□	80.6	30.7	90	66	15	86	5.65
EXH 8-3-12□□	80.6	30.7	120	66	15	116	4.72
EXH 8-4- 6□□	80.6	40.7	60	66	25	56	7.32
EXH 8-4- 9□□	80.6	40.7	90	66	25	86	5.65
EXH 8-4-12□□	80.6	40.7	120	66	25	116	4.72
EXH 8-6- 6□□	80.6	55.7	60	66	40	56	7.32
EXH 8-6- 9□□	80.6	55.7	90	66	40	86	5.65
EXH 8-6-12□□	80.6	55.7	120	66	40	116	4.72
EXH11-3- 8□□	106	31.1	78	88.5	14	74	4.82
EXH11-3-12□□	106	31.1	118	88.5	14	114	3.72
EXH11-3-16□□	106	31.1	164	88.5	14	160	3.03
EXH11-5- 8□□	106	46.1	78	88.5	29	74	4.82
EXH11-5-12□□	106	46.1	118	88.5	29	114	3.72
EXH11-5-16□□	106	46.1	164	88.5	29	160	3.03
EXH11-6- 8□□	106	61.1	78	88.5	44	74	4.82
EXH11-6-12□□	106	61.1	118	88.5	44	114	3.72
EXH11-6-16□□	106	61.1	164	88.5	44	160	3.03
EXH14-4-10□□	141	36.1	97	101.8	24.3	93	3.4
EXH14-4-14□□	141	36.1	137	101.8	24.3	133	2.75
EXH14-4-19□□	141	36.1	187	101.8	24.3	183	2.27
EXH14-5-10□□	141	51.1	97	101.8	39.3	93	3.4
EXH14-5-14□□	141	51.1	137	101.8	39.3	133	2.75
EXH14-5-19□□	141	51.1	187	101.8	39.3	183	2.27
EXH14-7-10□□	141	71.1	97	101.8	59.3	93	3.4
EXH14-7-14□□	141	71.1	137	101.8	59.3	133	2.75
EXH14-7-19□□	141	71.1	187	101.8	59.3	183	2.27
EXH14-9-10□□	141	91.1	97	101.8	79.3	93	3.4
EXH14-9-14□□	141	91.1	137	101.8	79.3	133	2.75
EXH14-9-19□□	141	91.1	187	101.8	79.3	183	2.27

※ Thermal resistance test condition

- Ambient air cooling.
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Painted aluminium extrusion.
- Heat source is applied on the opposite side (inner side) of the fins.

Product no.	External dimensions			Internal dimensions			※ Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXH19- 4-13□□	186.5	43.5	125	131	26.8	120	1.92
EXH19- 4-18□□	186.5	43.5	177	131	26.8	172	1.56
EXH19- 4-23□□	186.5	43.5	230	131	26.8	225	1.32
EXH19- 4-29□□	186.5	43.5	285	131	26.8	280	1.15
EXH19- 6-13□□	186.5	61.5	125	131	44.8	120	1.92
EXH19- 6-18□□	186.5	61.5	177	131	44.8	172	1.56
EXH19- 6-23□□	186.5	61.5	230	131	44.8	225	1.32
EXH19- 6-29□□	186.5	61.5	285	131	44.8	280	1.15
EXH19- 8-13□□	186.5	81.5	125	131	64.8	120	1.92
EXH19- 8-18□□	186.5	81.5	177	131	64.8	172	1.56
EXH19- 8-23□□	186.5	81.5	230	131	64.8	225	1.32
EXH19- 8-29□□	186.5	81.5	285	131	64.8	280	1.15
EXH19-11-13□□	186.5	106.5	125	131	89.8	120	1.92
EXH19-11-18□□	186.5	106.5	177	131	89.8	172	1.56
EXH19-11-23□□	186.5	106.5	230	131	89.8	225	1.32
EXH19-11-29□□	186.5	106.5	285	131	89.8	280	1.15
EXH23- 5-15□□	232	52	153	176	34.8	147	1.47
EXH23- 5-21□□	232	52	213	176	34.8	207	1.2
EXH23- 5-27□□	232	52	273	176	34.8	267	1.03
EXH23- 5-33□□	232	52	333	176	34.8	327	0.91
EXH23- 8-15□□	232	77	153	176	59.8	147	1.47
EXH23- 8-21□□	232	77	213	176	59.8	207	1.2
EXH23- 8-27□□	232	77	273	176	59.8	267	1.03
EXH23- 8-33□□	232	77	333	176	59.8	327	0.91
EXH23-10-15□□	232	102	153	176	84.8	147	1.47
EXH23-10-21□□	232	102	213	176	84.8	207	1.2
EXH23-10-27□□	232	102	273	176	84.8	267	1.03
EXH23-10-33□□	232	102	333	176	84.8	327	0.91
EXH29- 8-23□□	287.5	77.5	234	230	59.5	228	0.97
EXH29- 8-30□□	287.5	77.5	304	230	59.5	298	0.82
EXH29- 8-38□□	287.5	77.5	384	230	59.5	378	0.71
EXH29-13-23□□	287.5	127.5	234	230	109.5	228	0.97
EXH29-13-30□□	287.5	127.5	304	230	109.5	298	0.82
EXH29-13-38□□	287.5	127.5	384	230	109.5	378	0.71

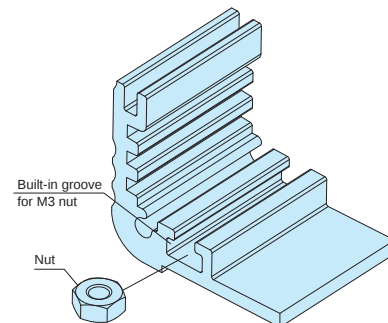
■ Custom length is available.

Heat
ResistantEMC
Shielding

■ EMC shielding is achieved by having the unfinished inner sides of the heat-sink top cover, bottom frame and panels, as well as the shielding gasket in contact with one another.

■ Aluminum enclosure equipped with a highly efficient heat-sink top cover.

■ Grooves for M3 sliding nut are built into the heat-sink top cover and bottom frame (140mm or wider). Optional nut is available.



Components

No.	Part name	Pcs	Material	Color / Finish
1	Panel	2	Aluminium A1050P	Metallic silver / Painted (Unfinished inside)
2	Heat-sink top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
3	Bottom frame	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
4	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
5	Screw (Hexagonal)	8	Stainless steel	Unfinished
6	Rubber feet	4	Polyurethane • Synthetic rubber	Black

■ Rubber feet material : Polyurethane : EXHE8-□ ~ 19-□ models • Synthetic rubber : EXHE23-□ ~ 29-□ models.

How to install shield gaskets

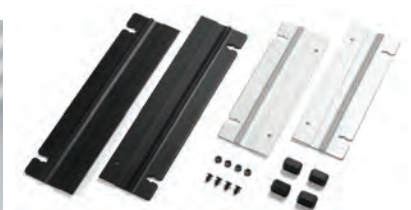


■ Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.



■ Ensure that a small portion of the fabric-over-foam gaskets protrude out in order to maintain connections with the end panels.

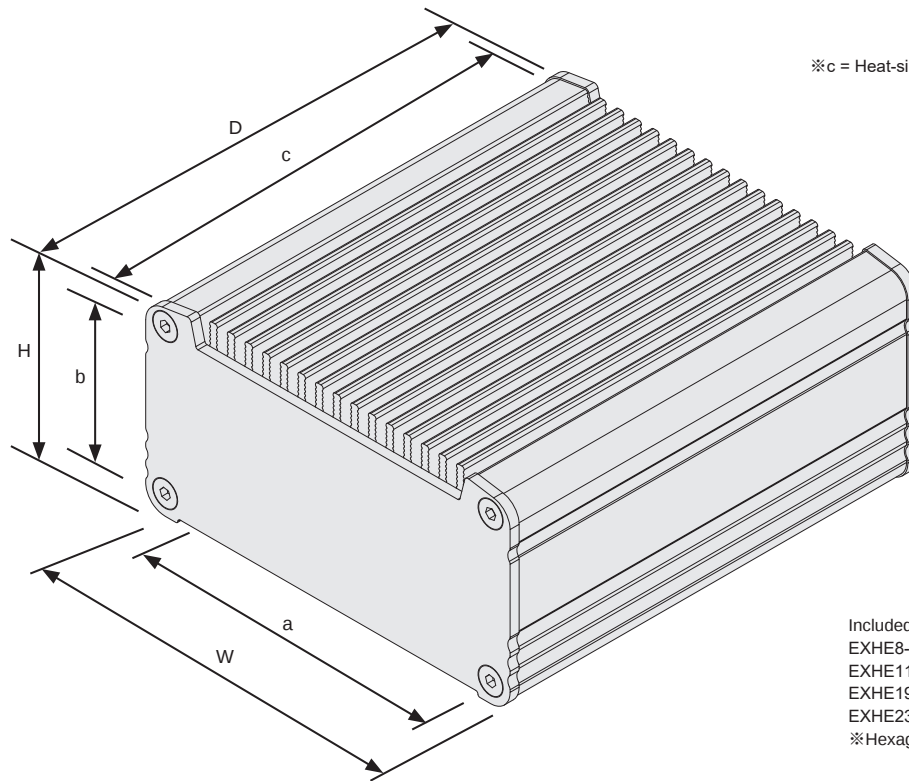
Accessories (Optional parts)



Wall mounting bracket
EF series
See Page 240

EXHE dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Included screws
 EXHE8-□ models : M2.5-8 x 8 pcs
 EXHE11-□, 14-□ models : M3-8 x 8 pcs
 EXHE19-□ models : M4-10 x 8 pcs
 EXHE23-□, 29-□ models : M5-10 x 8 pcs
 ※Hexagonal wrench included

Product no. / Details

Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXHE 8-3- 6SS	80.6	30.7	60	66	15	56	7.32
EXHE 8-3- 9SS	80.6	30.7	90	66	15	86	5.65
EXHE 8-3-12SS	80.6	30.7	120	66	15	116	4.72
EXHE 8-4- 6SS	80.6	40.7	60	66	25	56	7.32
EXHE 8-4- 9SS	80.6	40.7	90	66	25	86	5.65
EXHE 8-4-12SS	80.6	40.7	120	66	25	116	4.72
EXHE 8-6- 6SS	80.6	55.7	60	66	40	56	7.32
EXHE 8-6- 9SS	80.6	55.7	90	66	40	86	5.65
EXHE 8-6-12SS	80.6	55.7	120	66	40	116	4.72
EXHE11-3- 8SS	106	31.1	78	88.5	14	74	4.82
EXHE11-3-12SS	106	31.1	118	88.5	14	114	3.72
EXHE11-3-16SS	106	31.1	164	88.5	14	160	3.03
EXHE11-5- 8SS	106	46.1	78	88.5	29	74	4.82
EXHE11-5-12SS	106	46.1	118	88.5	29	114	3.72
EXHE11-5-16SS	106	46.1	164	88.5	29	160	3.03
EXHE11-6- 8SS	106	61.1	78	88.5	44	74	4.82
EXHE11-6-12SS	106	61.1	118	88.5	44	114	3.72
EXHE11-6-16SS	106	61.1	164	88.5	44	160	3.03
EXHE14-4-10SS	141	36.1	97	101.8	24.3	93	3.4
EXHE14-4-14SS	141	36.1	137	101.8	24.3	133	2.75
EXHE14-4-19SS	141	36.1	187	101.8	24.3	183	2.27
EXHE14-5-10SS	141	51.1	97	101.8	39.3	93	3.4
EXHE14-5-14SS	141	51.1	137	101.8	39.3	133	2.75
EXHE14-5-19SS	141	51.1	187	101.8	39.3	183	2.27
EXHE14-7-10SS	141	71.1	97	101.8	59.3	93	3.4
EXHE14-7-14SS	141	71.1	137	101.8	59.3	133	2.75
EXHE14-7-19SS	141	71.1	187	101.8	59.3	183	2.27
EXHE14-9-10SS	141	91.1	97	101.8	79.3	93	3.4
EXHE14-9-14SS	141	91.1	137	101.8	79.3	133	2.75
EXHE14-9-19SS	141	91.1	187	101.8	79.3	183	2.27
EXHE19- 4-13SS	186.5	43.5	125	131	26.8	120	1.92
EXHE19- 4-18SS	186.5	43.5	177	131	26.8	172	1.56
EXHE19- 4-23SS	186.5	43.5	230	131	26.8	225	1.32
EXHE19- 4-29SS	186.5	43.5	285	131	26.8	280	1.15
EXHE19- 6-13SS	186.5	61.5	125	131	44.8	120	1.92
EXHE19- 6-18SS	186.5	61.5	177	131	44.8	172	1.56
EXHE19- 6-23SS	186.5	61.5	230	131	44.8	225	1.32
EXHE19- 6-29SS	186.5	61.5	285	131	44.8	280	1.15
EXHE19- 8-13SS	186.5	81.5	125	131	64.8	120	1.92
EXHE19- 8-18SS	186.5	81.5	177	131	64.8	172	1.56
EXHE19- 8-23SS	186.5	81.5	230	131	64.8	225	1.32
EXHE19- 8-29SS	186.5	81.5	285	131	64.8	280	1.15
EXHE19-11-13SS	186.5	106.5	125	131	89.8	120	1.92
EXHE19-11-18SS	186.5	106.5	177	131	89.8	172	1.56
EXHE19-11-23SS	186.5	106.5	230	131	89.8	225	1.32
EXHE19-11-29SS	186.5	106.5	285	131	89.8	280	1.15
EXHE23- 5-15SS	232	52	153	176	34.8	147	1.47
EXHE23- 5-21SS	232	52	213	176	34.8	207	1.2
EXHE23- 5-27SS	232	52	273	176	34.8	267	1.03
EXHE23- 5-33SS	232	52	333	176	34.8	327	0.91
EXHE23- 8-15SS	232	77	153	176	59.8	147	1.47
EXHE23- 8-21SS	232	77	213	176	59.8	207	1.2
EXHE23- 8-27SS	232	77	273	176	59.8	267	1.03
EXHE23- 8-33SS	232	77	333	176	59.8	327	0.91
EXHE23-10-15SS	232	102	153	176	84.8	147	1.47
EXHE23-10-21SS	232	102	213	176	84.8	207	1.2
EXHE23-10-27SS	232	102	273	176	84.8	267	1.03
EXHE23-10-33SS	232	102	333	176	84.8	327	0.91
EXHE29- 8-23SS	287.5	77.5	234	230	59.5	228	0.97
EXHE29- 8-30SS	287.5	77.5	304	230	59.5	298	0.82
EXHE29- 8-38SS	287.5	77.5	384	230	59.5	378	0.71
EXHE29-13-23SS	287.5	127.5	234	230	109.5	228	0.97
EXHE29-13-30SS	287.5	127.5	304	230	109.5	298	0.82
EXHE29-13-38SS	287.5	127.5	384	230	109.5	378	0.71

※Thermal resistance test condition

- Ambient air cooling.
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Painted aluminium extrusion.
- Heat source is applied on the opposite side (inner side) of the fins.

EXHF series

FLANGED HEAT-SINK ALUMINIUM ENCLOSURE

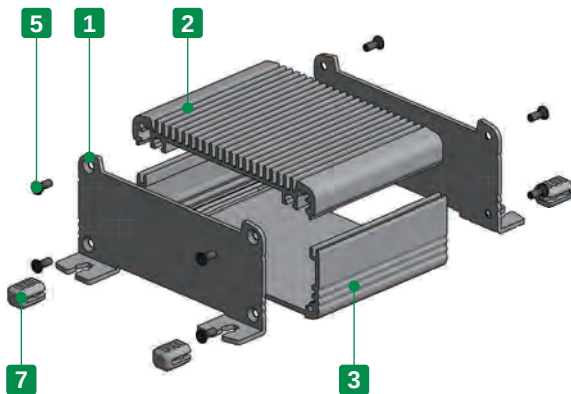


Heat
Resistant

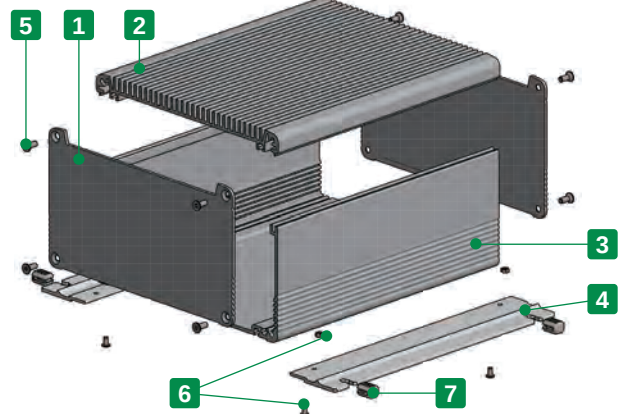


- Equipped with flanged bracket for easy wall mounting.
- Aluminum enclosure equipped with a highly efficient heat-sink top cover.

EXHF8-□, 11-□, 14-□



EXHF19-□, 23-□, 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXHF8-□, 11-□, 14-□) Panel (EXHF19-□, 23-□, 29-□)	2	Aluminium A1050P	Metallic silver / Painted (Unfinished inside) : Black / Anodized
2	Heat-sink top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside) : Black / Anodized
3	Bottom frame	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside) : Black / Anodized
4	Flange bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
5	Panel screw (Hexagonal)	8	Stainless steel	Unfinished
6	Flange screw & nut	4 each	Steel	Black trivalent chromate
7	Rubber feet	4	Silicone	Black

Color Type

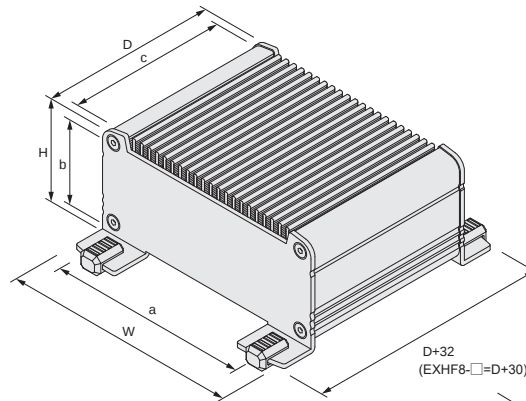
Code	S S Silver / Silver	B B Black / Black
Color		

Included screws
 EXHF8-□ models : M2.5-8 x 8 pcs
 EXHF11-□, 14-□ models : M3-8 x 8 pcs
 EXHF19-□ models : M4-10 x 8 pcs
 EXHF23-□, 29-□ models : M5-10 x 8 pcs
 ※Hexagonal wrench included

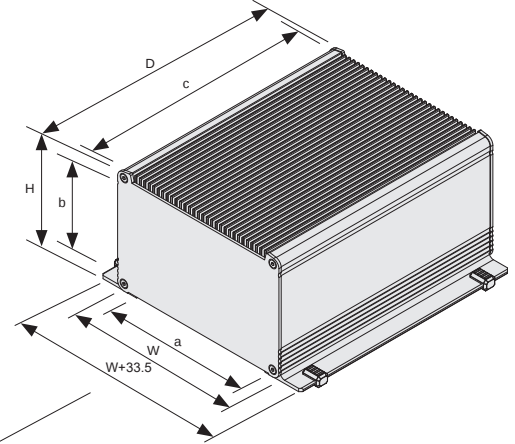
EXHF dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

EXHF8-□, 11-□, 14-□



EXHF19-□, 23-□, 29-□



※c = Heat-sink top cover / Bottom frame length.

*Rubber feet dimensions are not included.

Product no. / Details

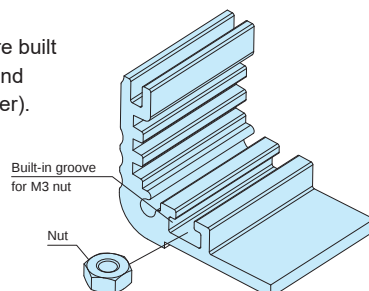
■ Please suffix color code at the end of the product number.

Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXHF 8-3- 6□□	80.6	32.8	60	66	15	56	7.32
EXHF 8-3- 9□□	80.6	32.8	90	66	15	86	5.65
EXHF 8-3-12□□	80.6	32.8	120	66	15	116	4.72
EXHF 8-4- 6□□	80.6	42.8	60	66	25	56	7.32
EXHF 8-4- 9□□	80.6	42.8	90	66	25	86	5.65
EXHF 8-4-12□□	80.6	42.8	120	66	25	116	4.72
EXHF 8-6- 6□□	80.6	57.8	60	66	40	56	7.32
EXHF 8-6- 9□□	80.6	57.8	90	66	40	86	5.65
EXHF 8-6-12□□	80.6	57.8	120	66	40	116	4.72
EXHF11-3- 8□□	106	33.1	78	88.5	14	74	4.82
EXHF11-3-12□□	106	33.1	118	88.5	14	114	3.72
EXHF11-3-16□□	106	33.1	164	88.5	14	160	3.03
EXHF11-5- 8□□	106	48.1	78	88.5	29	74	4.82
EXHF11-5-12□□	106	48.1	118	88.5	29	114	3.72
EXHF11-5-16□□	106	48.1	164	88.5	29	160	3.03
EXHF11-6- 8□□	106	63.1	78	88.5	44	74	4.82
EXHF11-6-12□□	106	63.1	118	88.5	44	114	3.72
EXHF11-6-16□□	106	63.1	164	88.5	44	160	3.03
EXHF14-4-10□□	141	38.1	97	101.8	24.3	93	3.4
EXHF14-4-14□□	141	38.1	137	101.8	24.3	133	2.75
EXHF14-4-19□□	141	38.1	187	101.8	24.3	183	2.27
EXHF14-5-10□□	141	53.1	97	101.8	39.3	93	3.4
EXHF14-5-14□□	141	53.1	137	101.8	39.3	133	2.75
EXHF14-5-19□□	141	53.1	187	101.8	39.3	183	2.27
EXHF14-7-10□□	141	73.1	97	101.8	59.3	93	3.4
EXHF14-7-14□□	141	73.1	137	101.8	59.3	133	2.75
EXHF14-7-19□□	141	73.1	187	101.8	59.3	183	2.27
EXHF14-9-10□□	141	93.1	97	101.8	79.3	93	3.4
EXHF14-9-14□□	141	93.1	137	101.8	79.3	133	2.75
EXHF14-9-19□□	141	93.1	187	101.8	79.3	183	2.27

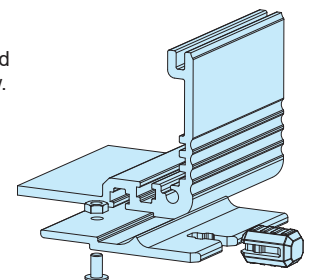
※Thermal resistance test condition

- Ambient air cooling.
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Painted aluminium extrusion.
- Heat source is applied on the opposite side (inner side) of the fins.

- Grooves for M3 sliding nut are built into the heat-sink top cover and bottom frame (140mm or wider). Optional nut is available.



- Flange bracket is installed as per the diagram below.



■ Custom length is available.

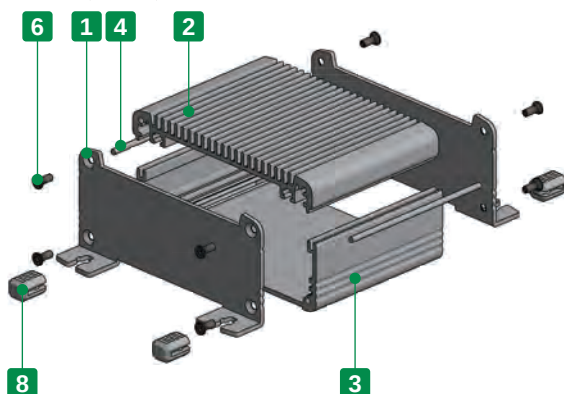
EXHFE series

FLANGED HEAT-SINK ALUMINIUM EMC SHIELDED ENCLOSURE

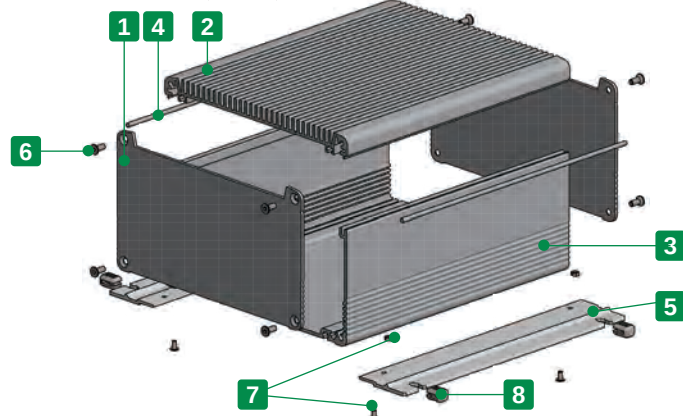


- EMC shielding is achieved by having the unfinished internal parts of the enclosure, as well as the fabric-over-foam gasket, in contact with one another.
- Aluminium enclosure equipped with a highly efficient heat-sink top cover.
- Equipped with flanged bracket for easy wall mounting.

EXHFE8-□, 11-□, 14-□



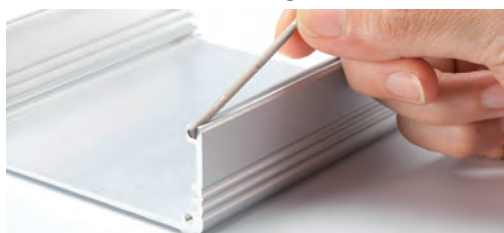
EXHFE19-□, 23-□, 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXHFE8-□, 11-□, 14-□) Panel (EXHFE19-□, 23-□, 29-□)	2	Aluminium A1050P	Metallic silver / Painted (Unfinished inside)
2	Heat-sink top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
3	Bottom frame	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
4	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
5	Flange bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted
6	Panel screw (Hexagonal)	8	Stainless steel	Unfinished
7	Flange screw & nut	4 each	Steel	Black trivalent chromate
8	Rubber feet	4	Silicone	Black

How to install shield gaskets



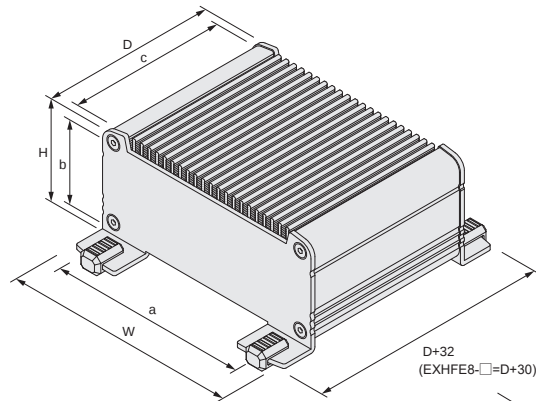
- Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.
- Ensure that a small portion of the fabric-over-foam gaskets protrude out in order to maintain connections with the end panels.

Included screws
 EXHFE8-□ models : M2.5-8 x 8 pcs
 EXHFE11-□, 14-□ models : M3-8 x 8 pcs
 EXHFE19-□ models : M4-10 x 8 pcs
 EXHFE23-□, 29-□ models : M5-10 x 8 pcs
 ※Hexagonal wrench included

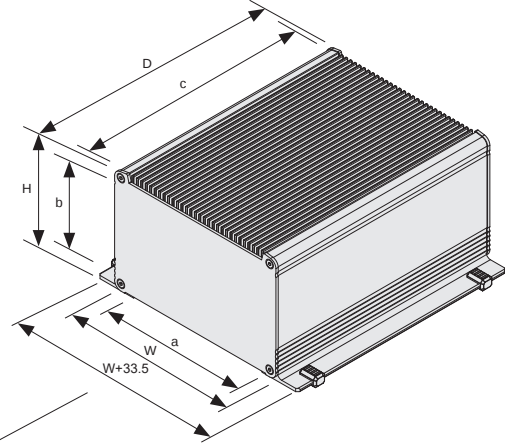
EXHFE dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

EXHFE8-□, 11-□, 14-□



EXHFE19-□, 23-□, 29-□



※c = Heat-sink top cover / Bottom frame length.

*Rubber feet dimensions are not included.

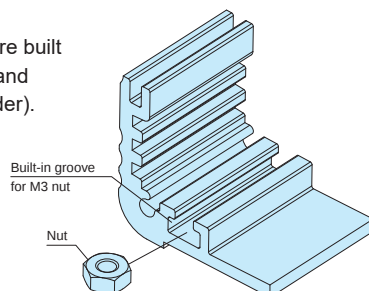
Product no. / Details

Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXHFE 8-3- 6SS	80.6	32.8	60	66	15	56	7.32
EXHFE 8-3- 9SS	80.6	32.8	90	66	15	86	5.65
EXHFE 8-3-12SS	80.6	32.8	120	66	15	116	4.72
EXHFE 8-4- 6SS	80.6	42.8	60	66	25	56	7.32
EXHFE 8-4- 9SS	80.6	42.8	90	66	25	86	5.65
EXHFE 8-4-12SS	80.6	42.8	120	66	25	116	4.72
EXHFE 8-6- 6SS	80.6	57.8	60	66	40	56	7.32
EXHFE 8-6- 9SS	80.6	57.8	90	66	40	86	5.65
EXHFE 8-6-12SS	80.6	57.8	120	66	40	116	4.72
EXHFE11-3- 8SS	106	33.1	78	88.5	14	74	4.82
EXHFE11-3-12SS	106	33.1	118	88.5	14	114	3.72
EXHFE11-3-16SS	106	33.1	164	88.5	14	160	3.03
EXHFE11-5- 8SS	106	48.1	78	88.5	29	74	4.82
EXHFE11-5-12SS	106	48.1	118	88.5	29	114	3.72
EXHFE11-5-16SS	106	48.1	164	88.5	29	160	3.03
EXHFE11-6- 8SS	106	63.1	78	88.5	44	74	4.82
EXHFE11-6-12SS	106	63.1	118	88.5	44	114	3.72
EXHFE11-6-16SS	106	63.1	164	88.5	44	160	3.03
EXHFE14-4-10SS	141	38.1	97	101.8	24.3	93	3.4
EXHFE14-4-14SS	141	38.1	137	101.8	24.3	133	2.75
EXHFE14-4-19SS	141	38.1	187	101.8	24.3	183	2.27
EXHFE14-5-10SS	141	53.1	97	101.8	39.3	93	3.4
EXHFE14-5-14SS	141	53.1	137	101.8	39.3	133	2.75
EXHFE14-5-19SS	141	53.1	187	101.8	39.3	183	2.27
EXHFE14-7-10SS	141	73.1	97	101.8	59.3	93	3.4
EXHFE14-7-14SS	141	73.1	137	101.8	59.3	133	2.75
EXHFE14-7-19SS	141	73.1	187	101.8	59.3	183	2.27
EXHFE14-9-10SS	141	93.1	97	101.8	79.3	93	3.4
EXHFE14-9-14SS	141	93.1	137	101.8	79.3	133	2.75
EXHFE14-9-19SS	141	93.1	187	101.8	79.3	183	2.27

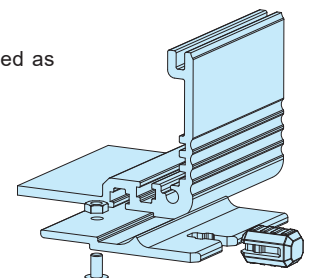
※Thermal resistance test condition

- Ambient air cooling.
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Painted aluminium extrusion.
- Heat source is applied on the opposite side (inner side) of the fins.

- Grooves for M3 sliding nut are built into the heat-sink top cover and bottom frame (140mm or wider). Optional nut is available.



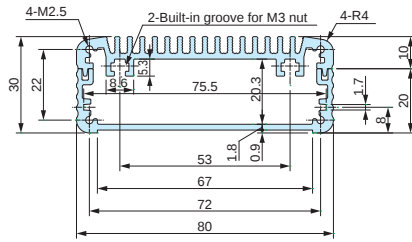
- Flange bracket is installed as per the diagram below.



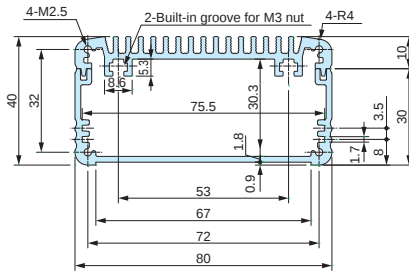
Cross-section view of heat-sink top cover & bottom frame

■ DXF/DWG/PDF/STP drawings available on our website.

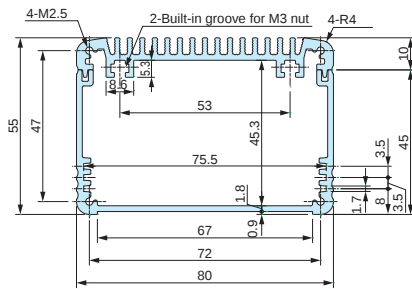
EXH • EXHE • EXHF • EXHFE8-3-□



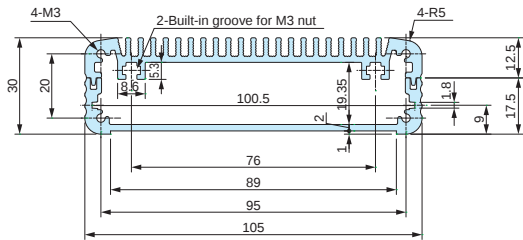
EXH • EXHE • EXHF • EXHFE8-4-□



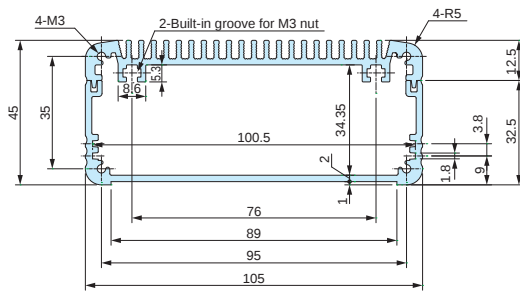
EXH • EXHE • EXHF • EXHFE8-6-□



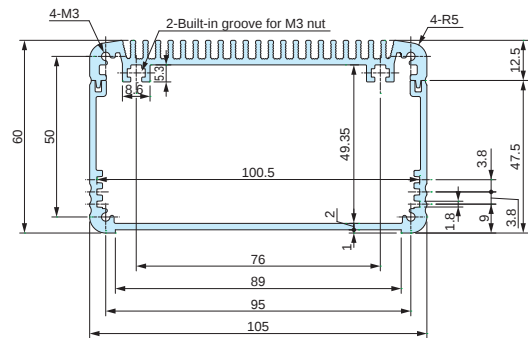
EXH • EXHE • EXHF • EXHFE11-3-□



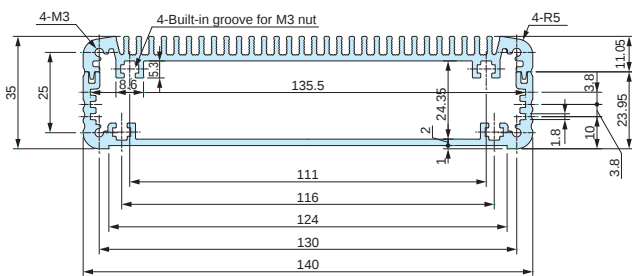
EXH • EXHE • EXHF • EXHFE11-5-□



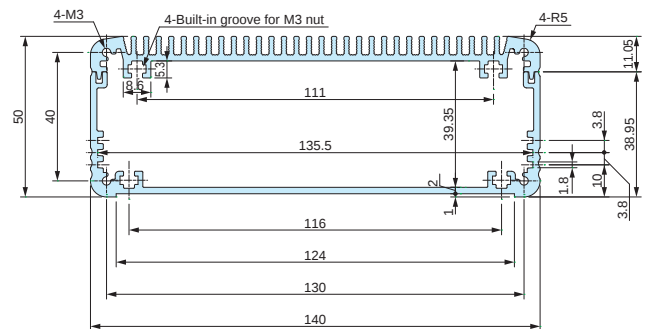
EXH • EXHE • EXHF • EXHFE11-6-□



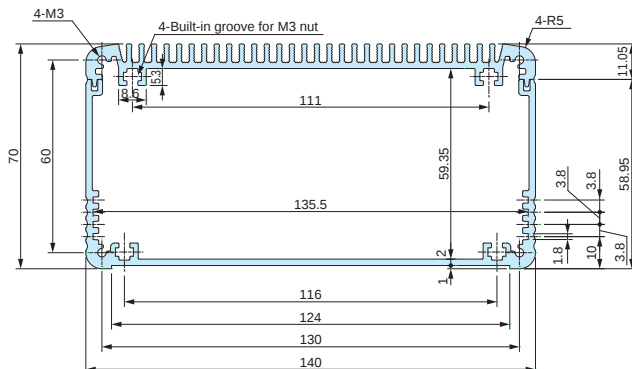
EXH • EXHE • EXHF • EXHFE14-4-□



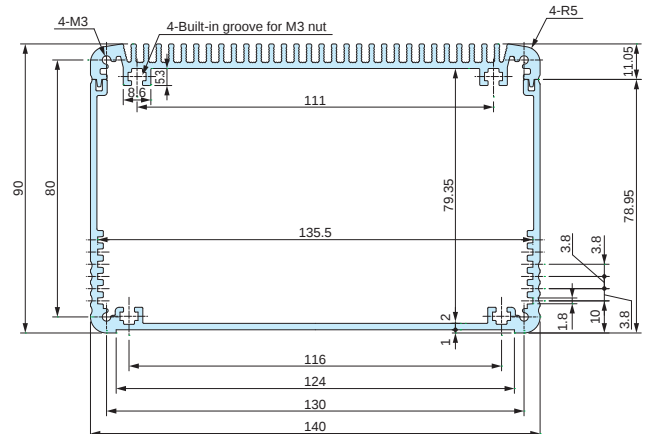
EXH • EXHE • EXHF • EXHFE14-5-□



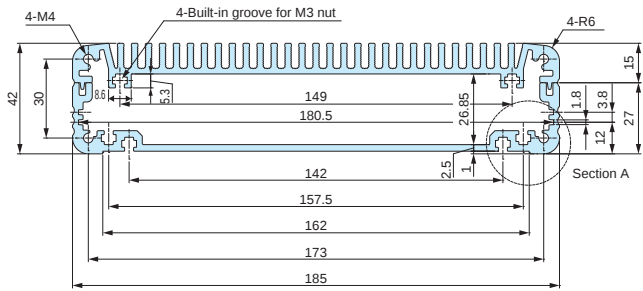
EXH • EXHE • EXHF • EXHFE14-7-□



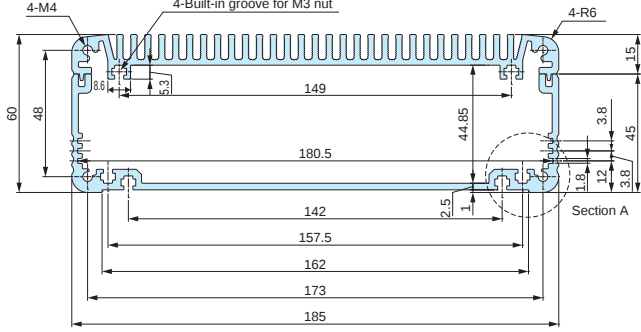
EXH • EXHE • EXHF • EXHFE14-9-□



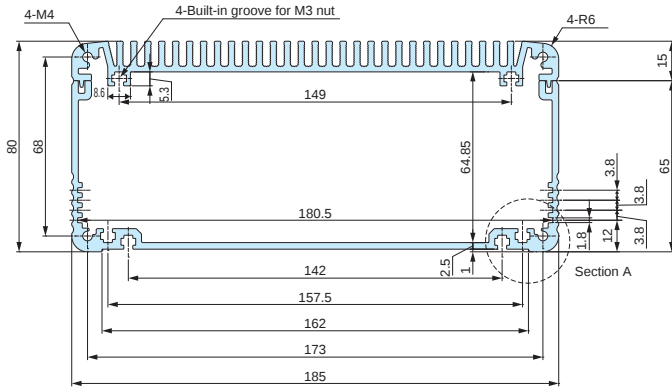
EXH • EXHE • EXHF • EXHFE19-4-□



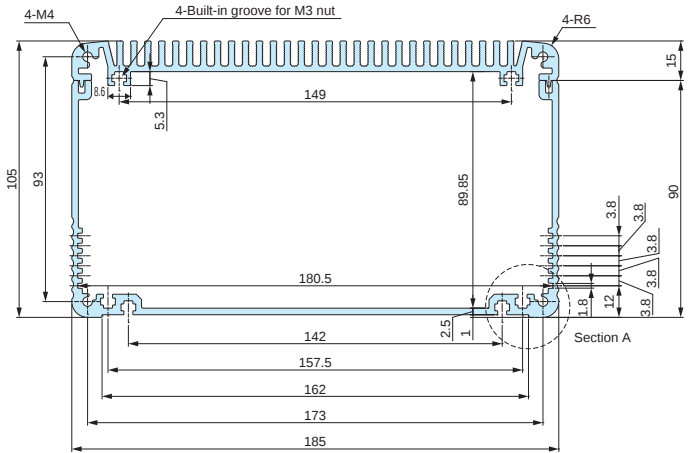
EXH • EXHE • EXHF • EXHFE19-6-□



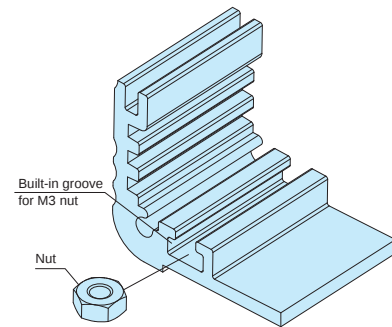
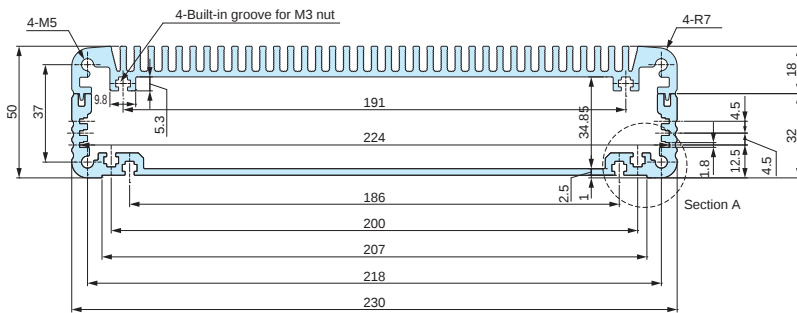
EXH • EXHE • EXHF • EXHFE19-8-□



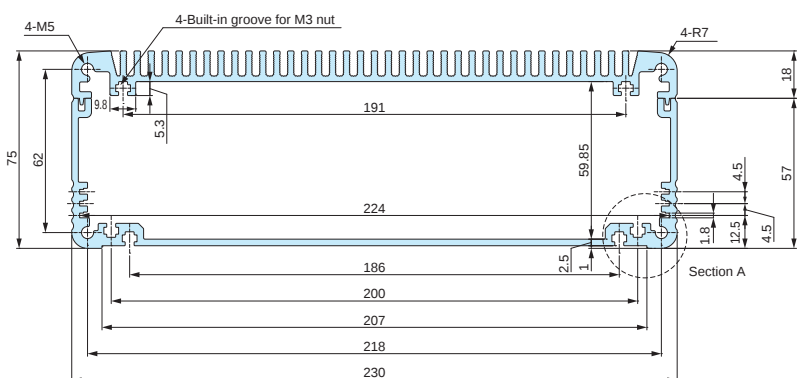
EXH • EXHE • EXHF • EXHFE19-11-□



EXH • EXHE • EXHF • EXHFE23-5-□



EXH • EXHE • EXHF • EXHFE23-8-□



■ Optional M3 nut is available.

Sliding nut can be used on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

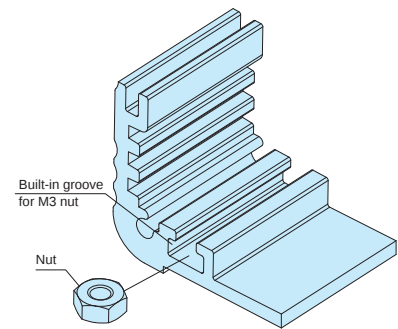
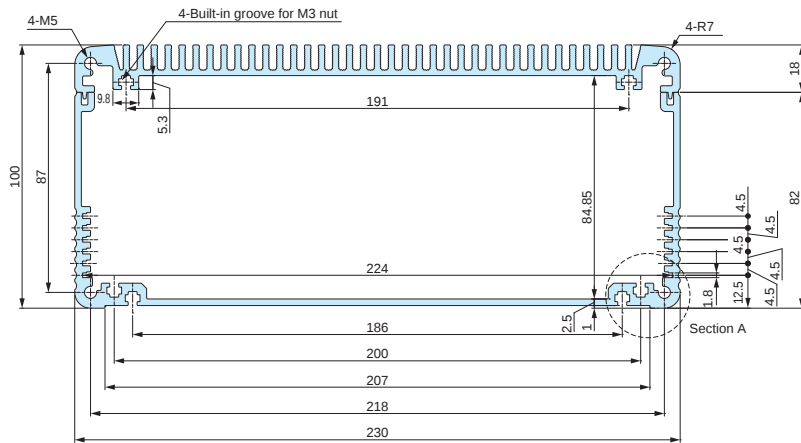
See page 221 for MT-3N optional M3 nut.

*See page 253 for detailed dimensions for Section A

Cross-section view of heat-sink top cover & bottom frame

■ DXF/DWG/PDF/STP drawings available on our website.

EXH • EXHE • EXHF • EXHFE23-10-□

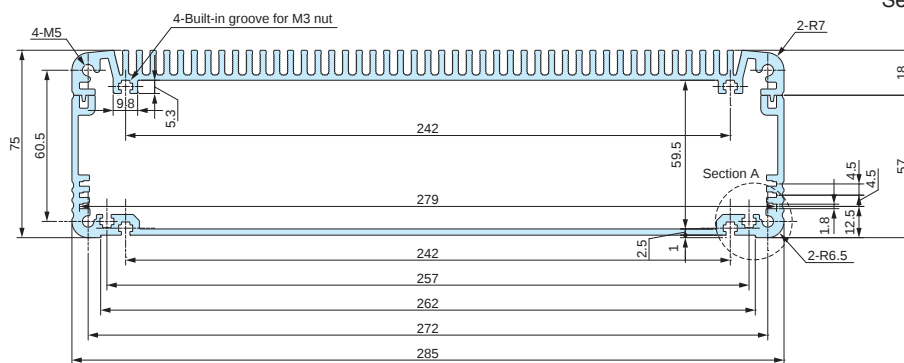


■ Optional M3 nut is available.

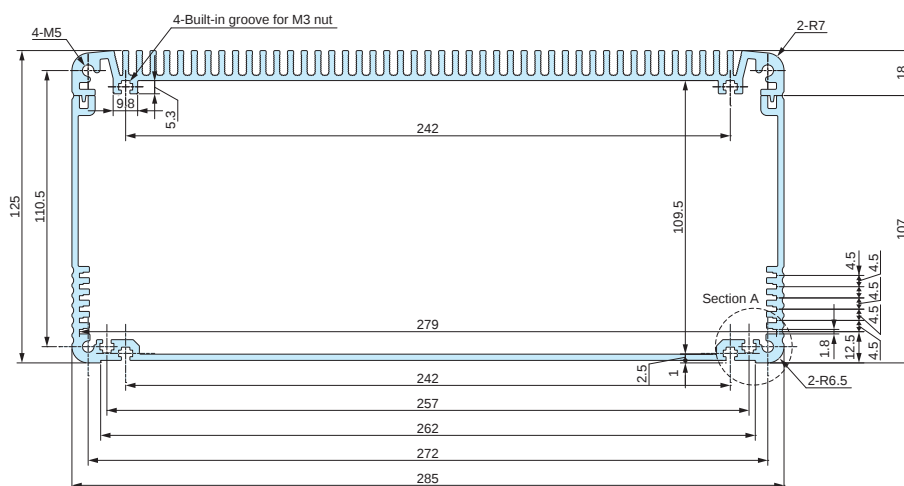
Sliding nut can be used on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

See page 221 for MT-3N optional M3 nut.

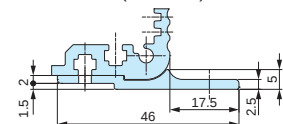
EXH • EXHE • EXHF • EXHFE29-8-□



EXH • EXHE • EXHF • EXHFE29-13-□



Flange bracket dimensions
(Section A)



EF series**WALL MOUNTING BRACKET for EX • EXH • EXHE**

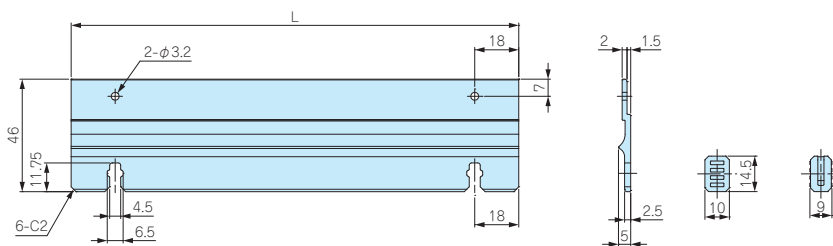
Installation Example



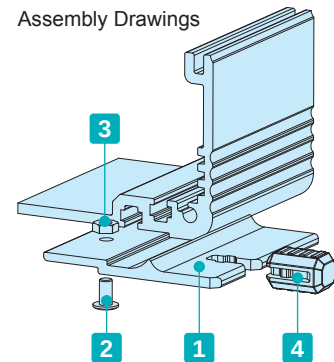
- Wall mounting bracket for EX, EXH, and EXHE series. Applicable only for width 185, 230, and 285mm bottom covers.
- Easy installation by inserting the nuts into built-in grooves on EX, EXH, and EXHE bottom cover.
- Rubber feet are included to hide the mounting cutouts when not used for wall mounting, and act as feet stabilizers for desktop use.

EF dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Assembly Drawings

**Components**

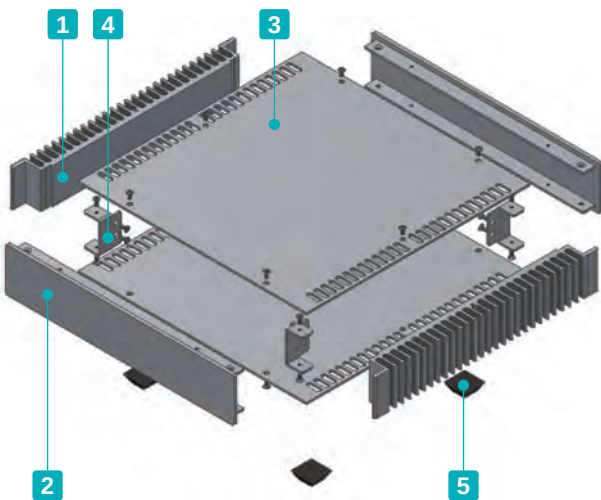
No.	Part name	Pcs	Material	Color / Finish
1	Bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
2	Screw	4	Steel	Black trivalent chromate
3	Nut	4	Steel	Black trivalent chromate
4	Rubber feet	4	Silicone	Black

Product no. / Dimensions

Product no.		L	Suitable models
● Metallic silver	● Black		
EF19-13S	EF19-13B	119.5	EX • EXH • EXHE19-□-13
EF19-18S	EF19-18B	171.5	EX • EXH • EXHE19-□-18
EF19-23S	EF19-23B	224.5	EX • EXH • EXHE19-□-23
EF19-29S	EF19-29B	279.5	EX • EXH • EXHE19-□-29
EF23-15S	EF23-15B	146.5	EX • EXH • EXHE23-□-15
EF23-21S	EF23-21B	206.5	EX • EXH • EXHE23-□-21
EF23-27S	EF23-27B	266.5	EX • EXH • EXHE23-□-27
EF23-33S	EF23-33B	326.5	EX • EXH • EXHE23-□-33
NEW EF29-23S	NEW EF29-23B	227.5	EX • EXH • EXHE29-□-23
NEW EF29-30S	NEW EF29-30B	297.5	EX • EXH • EXHE29-□-30
NEW EF29-38S	NEW EF29-38B	377.5	EX • EXH • EXHE29-□-38



Variations of HY series, HYR and HYRH series are also available. See website for more details.



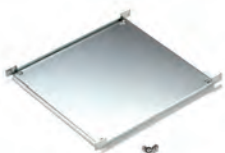
- Stylish and elegantly designed with a hairline finish.
- Excellent cooling performance with the heat-sink side plates.
- Now available in 56 sizes, and 2 different colors.
- Tough and robust enclosure from using aluminium extrusion parts.
- Simple and easy to assemble construction.
- Flat back heat-sink plates for more effective heat spreading.

Included screws
 BB color type
 M3-6 flat head & Black trivalent chromate x 16 pcs
 M3-5 Slotted raised countersunk & Black trivalent chromate x 12 pcs
 SS color type
 M3-6 flat head & Nickel plated x 16 pcs
 M3-5 Slotted raised countersunk & Nickel plated x 12 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Heat-sink side plate	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized
2	Panel	2	Extruded aluminium A6063S-T5	Silver • Black / Hairline brushed & Anodized
3	Top • Bottom cover	2	Aluminium A1050P t=2.0	Silver • Black / Hairline brushed & Anodized
4	Corner support	4	Steel SPCC t=1.6	Trivalent chromate
5	Rubber feet	4	Polyurethane	Black

Accessories (Optional parts)



Mounting plate HYC series
See page 257



L-bracket HYCL series
See page 257



Aluminium isolation feet AFS • AFM series
See page 293 ~ 294

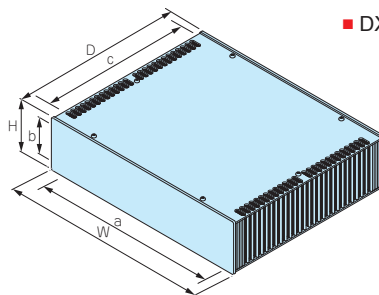


TORX screw - for top / bottom cover MR3-5Z series
See website



HY dimensions

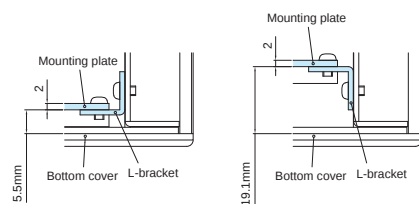
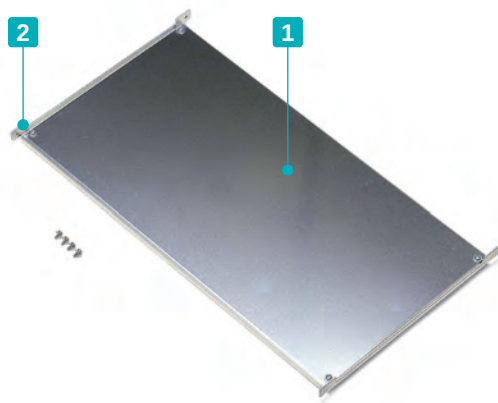
■ DXF/DWG/PDF/STP drawings available on our website.



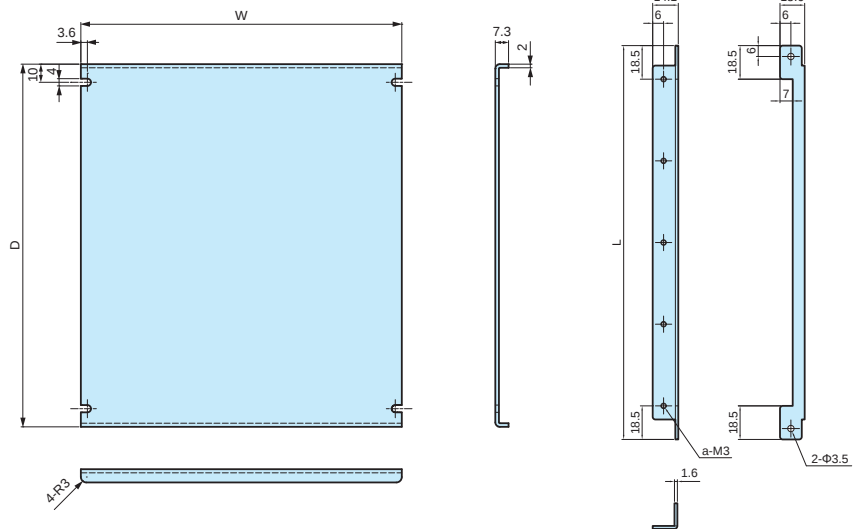
Product no.		External dimensions			Internal dimensions			Weight (kg)
● Silver	● Black	W	H	D	a	b	c	
HY 44-23-23SS	HY 44-23-23BB	230	44	231	186	36	225	1.1
HY 44-23-33SS	HY 44-23-33BB	230	44	330	186	36	324	1.6
HY 44-28-23SS	HY 44-28-23BB	280	44	231	236	36	225	1.4
HY 44-28-33SS	HY 44-28-33BB	280	44	330	236	36	324	1.9
HY 44-33-23SS	HY 44-33-23BB	330	44	231	286	36	225	1.5
HY 44-33-33SS	HY 44-33-33BB	330	44	330	286	36	324	2.2
HY 44-43-23SS	HY 44-43-23BB	430	44	231	386	36	225	1.9
HY 44-43-33SS	HY 44-43-33BB	430	44	330	386	36	324	2.6
HY 70-23-23SS	HY 70-23-23BB	230	70	231	186	62	225	1.6
HY 70-23-33SS	HY 70-23-33BB	230	70	330	186	62	324	2.2
HY 70-28-23SS	HY 70-28-23BB	280	70	231	236	62	225	1.8
HY 70-28-33SS	HY 70-28-33BB	280	70	330	236	62	324	2.5
HY 70-33-23SS	HY 70-33-23BB	330	70	231	286	62	225	2.0
HY 70-33-33SS	HY 70-33-33BB	330	70	330	286	62	324	2.8
HY 70-43-23SS	HY 70-43-23BB	430	70	231	386	62	225	2.3
HY 70-43-33SS	HY 70-43-33BB	430	70	330	386	62	324	3.2
HY 88-23-23SS	HY 88-23-23BB	230	88	231	186	80	225	1.9
HY 88-23-33SS	HY 88-23-33BB	230	88	330	186	80	324	2.6
HY 88-28-23SS	HY 88-28-23BB	280	88	231	236	80	225	2.1
HY 88-28-33SS	HY 88-28-33BB	280	88	330	236	80	324	2.8
HY 88-33-23SS	HY 88-33-23BB	330	88	231	286	80	225	2.3
HY 88-33-33SS	HY 88-33-33BB	330	88	330	286	80	324	3.1
HY 88-43-23SS	HY 88-43-23BB	430	88	231	386	80	225	2.7
HY 88-43-33SS	HY 88-43-33BB	430	88	330	386	80	324	3.6
HY 99-23-23SS	HY 99-23-23BB	230	99	231	186	91	225	2.1
HY 99-23-33SS	HY 99-23-33BB	230	99	330	186	91	324	2.7
HY 99-28-23SS	HY 99-28-23BB	280	99	231	236	91	225	2.3
HY 99-28-33SS	HY 99-28-33BB	280	99	330	236	91	324	3.1
HY 99-33-23SS	HY 99-33-23BB	330	99	231	286	91	225	2.5
HY 99-33-33SS	HY 99-33-33BB	330	99	330	286	91	324	3.4
HY 99-43-23SS	HY 99-43-23BB	430	99	231	386	91	225	2.9
HY 99-43-33SS	HY 99-43-33BB	430	99	330	386	91	324	3.9
HY133-23-23SS	HY133-23-23BB	230	132.5	231	186	124.5	225	2.6
HY133-23-33SS	HY133-23-33BB	230	132.5	330	186	124.5	324	3.4
HY133-28-23SS	HY133-28-23BB	280	132.5	231	236	124.5	225	2.8
HY133-28-33SS	HY133-28-33BB	280	132.5	330	236	124.5	324	3.8
HY133-33-23SS	HY133-33-23BB	330	132.5	231	286	124.5	225	3.0
HY133-33-33SS	HY133-33-33BB	330	132.5	330	286	124.5	324	4.1
HY133-43-23SS	HY133-43-23BB	430	132.5	231	386	124.5	225	3.5
HY133-43-33SS	HY133-43-33BB	430	132.5	330	386	124.5	324	4.7
HY149-23-23SS	HY149-23-23BB	230	149	231	186	141	225	2.8
HY149-23-33SS	HY149-23-33BB	230	149	330	186	141	324	3.8
HY149-28-23SS	HY149-28-23BB	280	149	231	236	141	225	3.1
HY149-28-33SS	HY149-28-33BB	280	149	330	236	141	324	4.2
HY149-33-23SS	HY149-33-23BB	330	149	231	286	141	225	3.3
HY149-33-33SS	HY149-33-33BB	330	149	330	286	141	324	4.5
HY149-43-23SS	HY149-43-23BB	430	149	231	386	141	225	3.8
HY149-43-33SS	HY149-43-33BB	430	149	330	386	141	324	5.1
HY177-23-23SS	HY177-23-23BB	230	177	231	186	169	225	3.4
HY177-23-33SS	HY177-23-33BB	230	177	330	186	169	324	4.5
HY177-28-23SS	HY177-28-23BB	280	177	231	236	169	225	3.6
HY177-28-33SS	HY177-28-33BB	280	177	330	236	169	324	4.8
HY177-33-23SS	HY177-33-23BB	330	177	231	286	169	225	3.9
HY177-33-33SS	HY177-33-33BB	330	177	330	286	169	324	5.2
HY177-43-23SS	HY177-43-23BB	430	177	231	386	169	225	4.5
HY177-43-33SS	HY177-43-33BB	430	177	330	386	169	324	5.8

HYC series

MOUNTING PLATE for HY • HYR • HYRH



HYC dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

■ Mounting plate and L-bracket set.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Mounting plate	1	Aluminium A1050P t=2.0	Unfinished
2	L-bracket	2	Steel SPCC t=1.6	Trivalent chromate
—	Screw	1 set	Steel M3	Trivalent chromate

Product no. / Dimensions

Product no.	W	D	L	a	Suitable models	Weight (g)
HYC23-23	177	200	217	5	HY□-23-23	300
HYC23-28	227	200	217	5	HY□-28-23	350
HYC23-33	277	200	217	5	HY□-33-23	410
HYC23-43	377	200	217	5	HY□-43-23	520
HYC33-23	177	299	316	7	HY□-23-33	450
HYC33-28	227	299	316	7	HY□-28-33	550
HYC33-33	277	299	316	7	HY□-33-33	710
HYC33-43	377	299	316	7	HY□-43-33	800

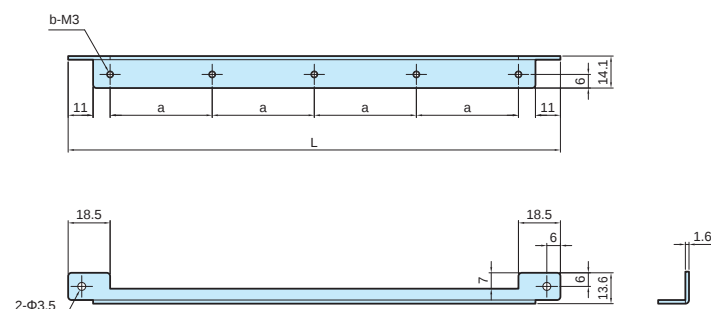


Clinching stud customization service available.

HYCL series

L-bracket for HY • HYR • HYRH

HYCL dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

- Simple L-bracket and screw set.
- Use with your original mounting plate or PCB.

Components

No.	Part name	Material	Color / Finish
1	L-bracket	Steel t=1.6	Trivalent chromate
2	Screw	Steel M3	Trivalent chromate

Product no. / Dimensions

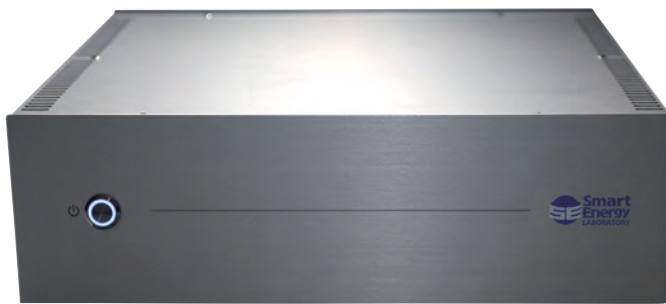
Product no.	L	a	b	Pack of
HYCL-23	217	45	5	2
HYCL-33	316	46.5	7	2

HY series APPLICATION EXAMPLE

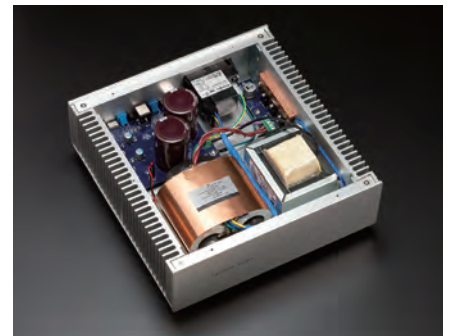
Complete Balanced Special Tuned DC Headphone Amplifier



Energy Creation Power Conditioner Development Kit



Linear Power Supply

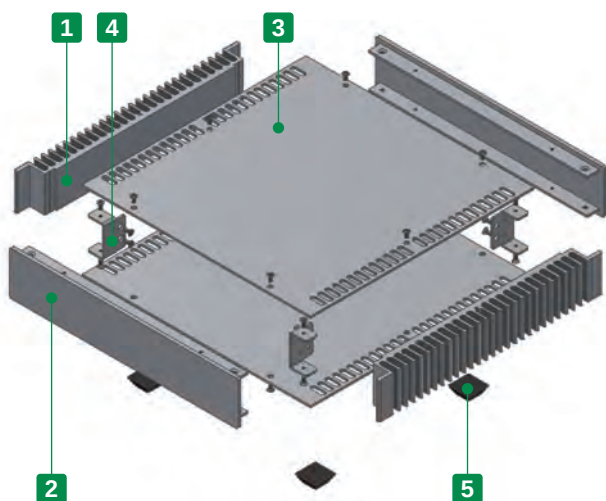


Industrial Fanless PC





Heat
Resistant



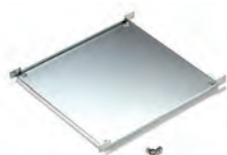
- Stylish and elegantly designed with a hairline finish.
- Excellent cooling performance with the heat-sink side plates.
- Now available in 56 sizes, and 2 different colors.
- Tough and robust enclosure from using aluminium extrusion parts.
- Simple and easy to assemble construction.
- Flat back heat-sink plates for more effective heat spreading.

Included screws
BB color type
M3-6 flat head & Black trivalent chromate x 16 pcs
M3-5 Slotted raised countersunk & Black trivalent chromate x 12 pcs
SS color type
M3-6 flat head & Nickel plated x 16 pcs
M3-5 Slotted raised countersunk & Nickel plated x 12 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Heat-sink side plate	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized
2	Panel	2	Extruded aluminium A6063S-T5	Silver • Black / Hairline brushed & Anodized
3	Top • Bottom cover	2	Aluminium A1050P t=2.0	Silver • Black / Hairline brushed & Anodized
4	Corner support	4	Steel SPCC t=1.6	Trivalent chromate
5	Rubber feet	4	Polyurethane	Black

Accessories (Optional parts)



Mounting plate HYC series
See page 331



L-bracket HYCL series
See page 331



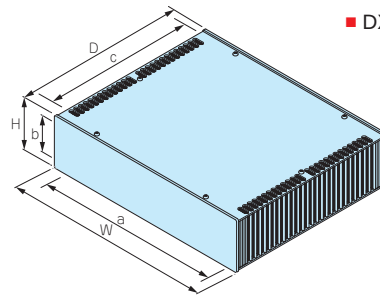
Aluminium isolation feet AFS • AFM series
See page 333



TORX screw - for top / bottom cover MR3-SZ series
See page 398



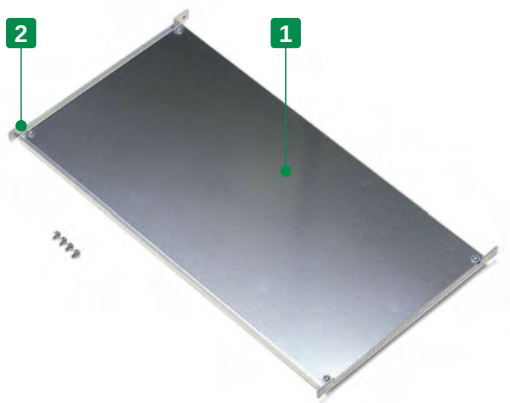
HY dimensions



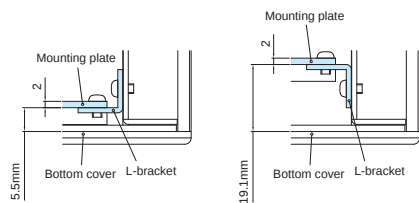
■ DXF/DWG/PDF/STP drawings available on our website.

Product no. / Details

Product no.		External dimensions			Internal dimensions			Weight (kg)
● Silver	● Black	W	H	D	a	b	c	
HY 44-23-23SS	HY 44-23-23BB	230	44	231	186	36	225	1.1
HY 44-23-33SS	HY 44-23-33BB	230	44	330	186	36	324	1.6
HY 44-28-23SS	HY 44-28-23BB	280	44	231	236	36	225	1.4
HY 44-28-33SS	HY 44-28-33BB	280	44	330	236	36	324	1.9
HY 44-33-23SS	HY 44-33-23BB	330	44	231	286	36	225	1.5
HY 44-33-33SS	HY 44-33-33BB	330	44	330	286	36	324	2.2
HY 44-43-23SS	HY 44-43-23BB	430	44	231	386	36	225	1.9
HY 44-43-33SS	HY 44-43-33BB	430	44	330	386	36	324	2.6
HY 70-23-23SS	HY 70-23-23BB	230	70	231	186	62	225	1.6
HY 70-23-33SS	HY 70-23-33BB	230	70	330	186	62	324	2.2
HY 70-28-23SS	HY 70-28-23BB	280	70	231	236	62	225	1.8
HY 70-28-33SS	HY 70-28-33BB	280	70	330	236	62	324	2.5
HY 70-33-23SS	HY 70-33-23BB	330	70	231	286	62	225	2.0
HY 70-33-33SS	HY 70-33-33BB	330	70	330	286	62	324	2.8
HY 70-43-23SS	HY 70-43-23BB	430	70	231	386	62	225	2.3
HY 70-43-33SS	HY 70-43-33BB	430	70	330	386	62	324	3.2
HY 88-23-23SS	HY 88-23-23BB	230	88	231	186	80	225	1.9
HY 88-23-33SS	HY 88-23-33BB	230	88	330	186	80	324	2.6
HY 88-28-23SS	HY 88-28-23BB	280	88	231	236	80	225	2.1
HY 88-28-33SS	HY 88-28-33BB	280	88	330	236	80	324	2.8
HY 88-33-23SS	HY 88-33-23BB	330	88	231	286	80	225	2.3
HY 88-33-33SS	HY 88-33-33BB	330	88	330	286	80	324	3.1
HY 88-43-23SS	HY 88-43-23BB	430	88	231	386	80	225	2.7
HY 88-43-33SS	HY 88-43-33BB	430	88	330	386	80	324	3.6
HY 99-23-23SS	HY 99-23-23BB	230	99	231	186	91	225	2.1
HY 99-23-33SS	HY 99-23-33BB	230	99	330	186	91	324	2.7
HY 99-28-23SS	HY 99-28-23BB	280	99	231	236	91	225	2.3
HY 99-28-33SS	HY 99-28-33BB	280	99	330	236	91	324	3.1
HY 99-33-23SS	HY 99-33-23BB	330	99	231	286	91	225	2.5
HY 99-33-33SS	HY 99-33-33BB	330	99	330	286	91	324	3.4
HY 99-43-23SS	HY 99-43-23BB	430	99	231	386	91	225	2.9
HY 99-43-33SS	HY 99-43-33BB	430	99	330	386	91	324	3.9
HY133-23-23SS	HY133-23-23BB	230	132.5	231	186	124.5	225	2.6
HY133-23-33SS	HY133-23-33BB	230	132.5	330	186	124.5	324	3.4
HY133-28-23SS	HY133-28-23BB	280	132.5	231	236	124.5	225	2.8
HY133-28-33SS	HY133-28-33BB	280	132.5	330	236	124.5	324	3.8
HY133-33-23SS	HY133-33-23BB	330	132.5	231	286	124.5	225	3.0
HY133-33-33SS	HY133-33-33BB	330	132.5	330	286	124.5	324	4.1
HY133-43-23SS	HY133-43-23BB	430	132.5	231	386	124.5	225	3.5
HY133-43-33SS	HY133-43-33BB	430	132.5	330	386	124.5	324	4.7
HY149-23-23SS	HY149-23-23BB	230	149	231	186	141	225	2.8
HY149-23-33SS	HY149-23-33BB	230	149	330	186	141	324	3.8
HY149-28-23SS	HY149-28-23BB	280	149	231	236	141	225	3.1
HY149-28-33SS	HY149-28-33BB	280	149	330	236	141	324	4.2
HY149-33-23SS	HY149-33-23BB	330	149	231	286	141	225	3.3
HY149-33-33SS	HY149-33-33BB	330	149	330	286	141	324	4.5
HY149-43-23SS	HY149-43-23BB	430	149	231	386	141	225	3.8
HY149-43-33SS	HY149-43-33BB	430	149	330	386	141	324	5.1
HY177-23-23SS	HY177-23-23BB	230	177	231	186	169	225	3.4
HY177-23-33SS	HY177-23-33BB	230	177	330	186	169	324	4.5
HY177-28-23SS	HY177-28-23BB	280	177	231	236	169	225	3.6
HY177-28-33SS	HY177-28-33BB	280	177	330	236	169	324	4.8
HY177-33-23SS	HY177-33-23BB	330	177	231	286	169	225	3.9
HY177-33-33SS	HY177-33-33BB	330	177	330	286	169	324	5.2
HY177-43-23SS	HY177-43-23BB	430	177	231	386	169	225	4.5
HY177-43-33SS	HY177-43-33BB	430	177	330	386	169	324	5.8

HYC series**MOUNTING PLATE for HY • HYR • HYRH****HYC dimensions**

■ DXF/DWG/PDF/STP drawings available on our website.



■ Mounting plate and L-bracket set.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Mounting plate	1	Aluminium A1050P t=2.0	Unfinished
2	L-bracket	2	Steel SPCC t=1.6	Trivalent chromate
—	Screw	1 set	Steel M3	Trivalent chromate

Product no. / Details

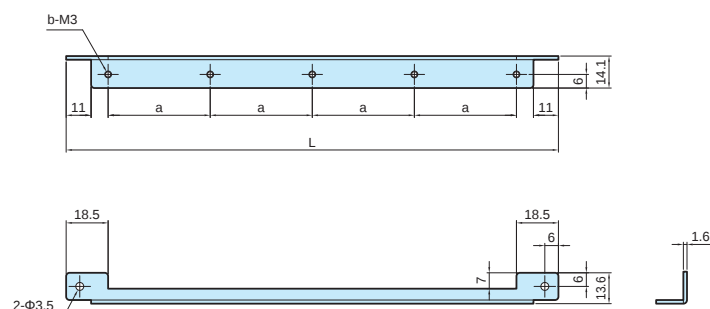
Product no.	W	D	L	a	Suitable models	Weight (g)
HYC23-23	177	200	217	5	HY□-23-23	300
HYC23-28	227	200	217	5	HY□-28-23	350
HYC23-33	277	200	217	5	HY□-33-23	410
HYC23-43	377	200	217	5	HY□-43-23	520
HYC33-23	177	299	316	7	HY□-23-33	450
HYC33-28	227	299	316	7	HY□-28-33	550
HYC33-33	277	299	316	7	HY□-33-33	710
HYC33-43	377	299	316	7	HY□-43-33	800



Clinching stud customization service available.

HYCL series**L-bracket for HY • HYR • HYRH****HYCL dimensions**

■ DXF/DWG/PDF/STP drawings available on our website.



■ Simple L-bracket and screw set.

■ Use with your original mounting plate or PCB.

Components

No.	Part name	Material	Color / Finish
1	L-bracket	Steel t=1.6	Trivalent chromate
2	Screw	Steel M3	Trivalent chromate

Product no. / Details

Product no.	L	a	b	Pack of
HYCL-23	217	45	5	2
HYCL-33	316	46.5	7	2

HS SERIES

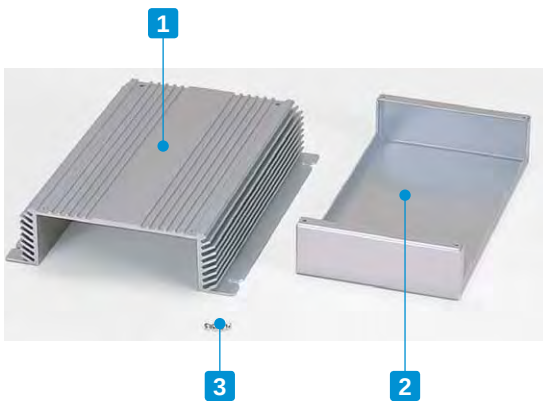
HEAT-SINK ALUMINIUM CASE



- Aluminium case with heat dissipating heat-sink cover for superior cooling effect.
- Recommended for use with equipment requiring heat dissipation.
- Manufactured with mounting flange for easy attachment onto walls and other surfaces.

APPLICATION EXAMPLE

HIGH-END PERFORMANCE AUDIO AMPLIFIER



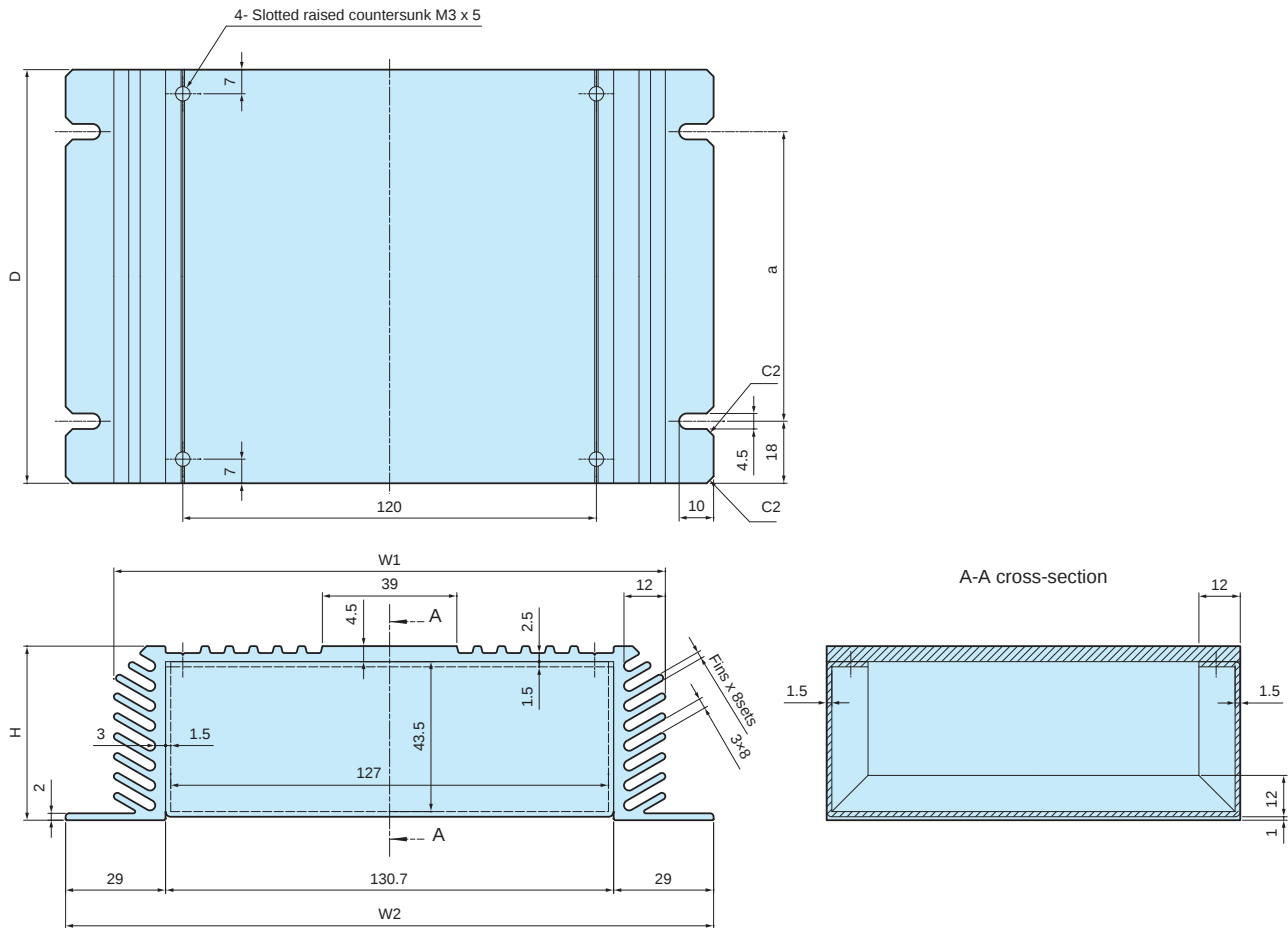
Product by: IC Technologies (Australia)

Components

No.	Part name	Pcs	Material	Color / Finish
1	Heat-sink cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized
2	Bottom chassis	1	Aluminium A1050P t=1.5	Silver • Black / Anodized
3	Screw	4	Steel M3-5	Nickel plated • Black trivalent chromate

HS dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.



Product no. / Dimensions

Product no.		W1	W2	H	D	a	Thermal resistance (°C / W)	Weight (kg)
● Silver	● Black							
HS16-5-16S	HS16-5-16B	160	188.7	50.5	160	124	1.1	0.72
HS16-5-23S	HS16-5-23B	160	188.7	50.5	230	194	0.83	1.0
HS16-5-30S	HS16-5-30B	160	188.7	50.5	300	264	0.69	1.29

Cross out products are discontinued. ■ Thermal resistance calculation is based on the fins being perpendicular to the ground with temperature at 60°C.

Accessories (Optional parts)

MR SERIES

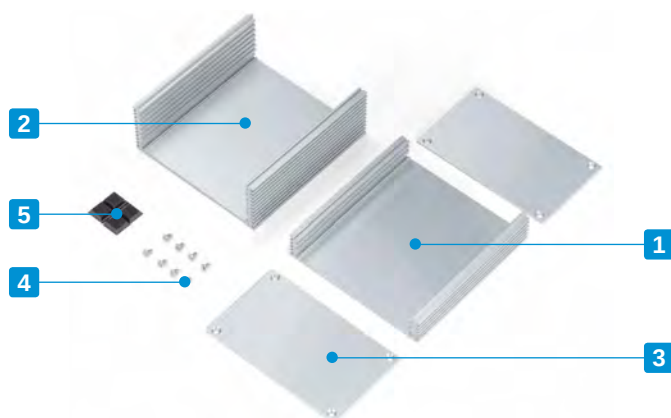
SLOTTED RAISED COUNTERSUNK TORX SCREW



- For use with the heat-sink cover.
- Recommended for aesthetic purposes, or for tampering resistance.
- Requires the use of a specialized screwdriver.

Product no. / Dimensions

Product no.	M	L	TORX head no.	Material	Color / Finish	Pack of
MR3-5ZS	3	5	T10	Steel	Nickel plated	20
MR3-5ZB	3	5	T10	Steel	Black trivalent chromate	20



- Stylish design coupled with hairline brushed finish makes for a luxurious high-end case.
- Heat dissipation and cooling via the utilization of extruded aluminium heat-sink top/bottom cover.
- Available in 18 sizes.
- Sturdy extruded case construction.

Included screws

Enclosure (Silver) M3-6 countersunk : Steel : Nickel plated x 8 pcs

Enclosure (Black) M3-6 countersunk : Steel : Black trivalent chromate x 8 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Hairline brushed & Anodized
2	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Hairline brushed & Anodized
3	Front • Rear panel	2	Aluminium A1050P t=2.0	Silver • Black / Hairline brushed & Anodized
4	Screw	8	Steel countersunk M3-6	Nickel plated • Black trivalent chromate
5	Rubber feet	4	Polyurethane	Black

※HL = Hairline brushed

Accessories (Optional parts)



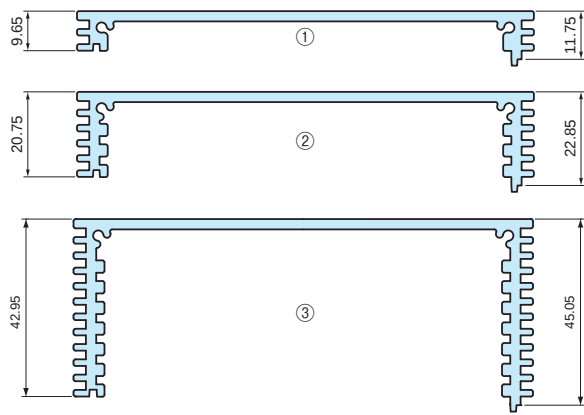
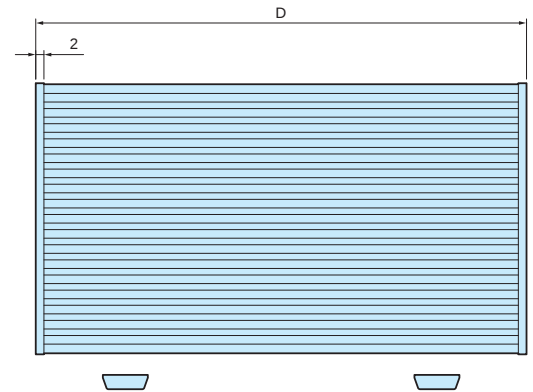
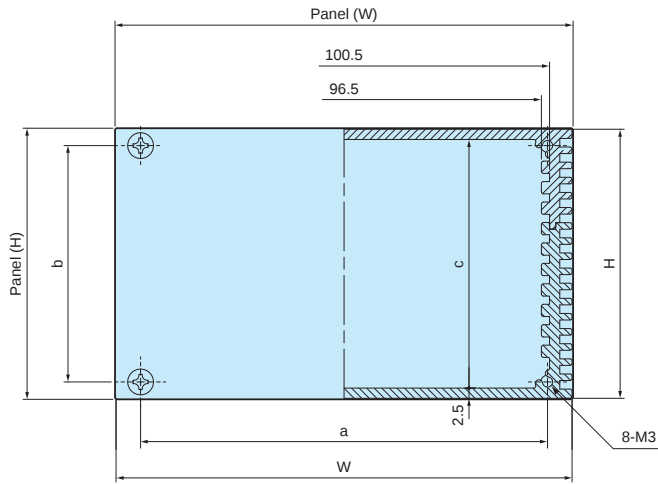
TORX screw MR-2S
See page EM•MR-1



Aluminium isolation feet AFS • AFM series
See page AFS•AFM-1 ~ AFS•AFM-2

HEN dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.



Cover Type

Cover	Cover length (D-4)	※ Thermal resistance rate (°C/W)
①	56	6.7
	116	3.6
	196	2.1
②	56	5
	116	2.6
	196	1.5
③	56	3.3
	116	1.7
	196	0.93

■ Thermal resistance calculation is based on the fins being perpendicular to the ground with temperature at 60°C.

Product no. / Dimensions

Product no.		W	H	D	Panel (W)	Panel (H)	a	b	c	Cover combination	Weight (g)
● Silver	● Black										
HEN110206S	HEN110206B	111.2	21.4	60	112	21.9	99.2	13.4	16.4	①×2	143
HEN110212S	HEN110212B	111.2	21.4	120	112	21.9	99.2	13.4	16.4		258
HEN110220S	HEN110220B	111.2	21.4	200	112	21.9	99.2	13.4	16.4		411
HEN110306S	HEN110306B	111.2	32.5	60	112	33.0	99.2	24.5	27.5	①×1 ②×1	179
HEN110312S	HEN110312B	111.2	32.5	120	112	33.0	99.2	24.5	27.5		311
HEN110320S	HEN110320B	111.2	32.5	200	112	33.0	99.2	24.5	27.5		488
HEN110406S	HEN110406B	111.2	43.6	60	112	44.1	99.2	35.6	38.6	②×2	215
HEN110412S	HEN110412B	111.2	43.6	120	112	44.1	99.2	35.6	38.6		365
HEN110420S	HEN110420B	111.2	43.6	200	112	44.1	99.2	35.6	38.6		565
HEN110506S	HEN110506B	111.2	54.7	60	112	55.2	99.2	46.7	49.7	①×1 ③×1	250
HEN110512S	HEN110512B	111.2	54.7	120	112	55.2	99.2	46.7	49.7		417
HEN110520S	HEN110520B	111.2	54.7	200	112	55.2	99.2	46.7	49.7		640
HEN110606S	HEN110606B	111.2	65.8	60	112	66.3	99.2	57.8	60.8	②×1 ③×1	286
HEN110612S	HEN110612B	111.2	65.8	120	112	66.3	99.2	57.8	60.8		471
HEN110620S	HEN110620B	111.2	65.8	200	112	66.3	99.2	57.8	60.8		717
HEN110806S	HEN110806B	111.2	88.0	60	112	88.5	99.2	80.8	83.0	③×2	358
HEN110812S	HEN110812B	111.2	88.0	120	112	88.5	99.2	80.8	83.0		577
HEN110820S	HEN110820B	111.2	88.0	200	112	88.5	99.2	80.8	83.0		869

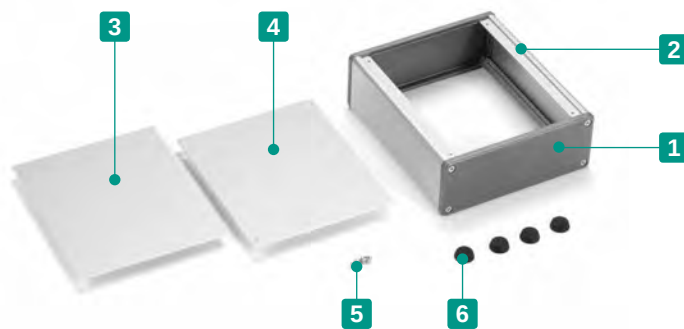
APPLICATION EXAMPLE AUDIO POWER SUPPLY

Product by AY-densi (Japan)



CH SERIES

ALUMINIUM CONTROL BOX



- Simple and strong construction with diecast and extruded aluminium material.
- Durable powder-coated side plate.
- Both the slide and screwed panel can be utilized as the front panel.
- 2 color types available.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Side plate	2	Diecast aluminium ADC12	Black • Metallic gray / Powder coated
2	Frame	2	Extruded aluminium A6063S-T5	Black / Anodized • Silver / Hairline brushed & Anodized
3	Slide panel	1	Aluminium A1100P • A1050P	Black / Painted • Silver / Hairline brushed & Anodized
4	Screwed panel	1	Aluminium A1100P • A1050P	Black / Painted • Silver / Hairline brushed & Anodized
5	Screw	1 set	Steel	Black trivalent chromate • Nickel plated
6	Rubber feet	4	Synthetic rubber	Black

■ Note: panels are covered with a protective film on one side. Remove before assembly.

※CH7 models come with copper plated screws for grounding.

APPLICATION EXAMPLE

WAVEFORM ANALYZER



Product by Graviton Inc. (Japan)

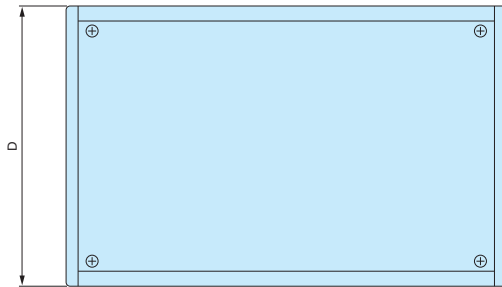
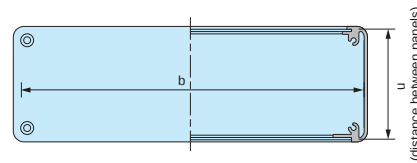
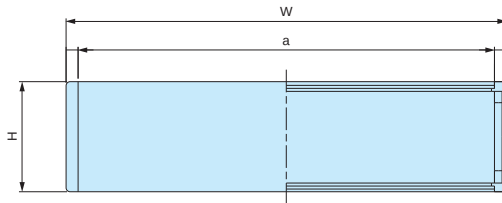
CNC MACHINING CENTER
CONTROL UNIT

Product by FNS Co. Ltd. (Japan)



CH dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.



Included screws

CH4 • CH6 models

M3-5 Slotted raised countersunk • Black trivalent chromate x 4 pcs
M3-5 Slotted raised countersunk • Nickel plated x 4 pcs
M3-10 countersunk • Black trivalent chromate x 8 pcs
M3-10 countersunk • Nickel plated x 8 pcs

CH7 • CH8 models

M3-5 Slotted raised countersunk • Black trivalent chromate x 4 pcs
M3-5 Slotted raised countersunk • Nickel plated x 4 pcs
M4-12 countersunk • Black trivalent chromate x 8 pcs
M4-12 countersunk • Nickel plated x 8 pcs

Product no. / Dimensions

Product no.		W	H	D	a	b	u	Weight (kg)
● Black (BBP)	● Gray-Silver(GSP)							
CH4- 7-10BBP	CH4- 7-10GSP	70	36.5	100.5	60	96.4	30.5	0.15
CH4-10-10BBP	CH4-10-10GSP	100	36.5	100.5	90	96.4	30.5	0.20
CH4-15-10BBP	CH4-15-10GSP	150	36.5	100.5	140	96.4	30.5	0.27
CH4-20-10BBP	CH4-20-10GSP	200	36.5	100.5	190	96.4	30.5	0.35
CH4-25-10BBP	CH4-25-10GSP	250	36.5	100.5	240	96.4	30.5	0.42
CH6- 8-14BBP	CH6- 8-14GSP	80	55	140.7	68	135.7	48.8	0.25
CH6-11-14BBP	CH6-11-14GSP	110	55	140.7	98	135.7	48.8	0.31
CH6-16-14BBP	CH6-16-14GSP	160	55	140.7	148	135.7	48.8	0.41
CH6-22-14BBP	CH6-22-14GSP	220	55	140.7	208	135.7	48.8	0.53
CH6-29-14BBP	CH6-29-14GSP	290	55	140.7	278	135.7	48.8	0.67

Product no.		W	H	D	a	b	u	Weight (kg)
● Black (BBP)	● Gray-Silver(GSP)							
CH7- 9-17BBP	CH7- 9-17GSP	90	65.5	168.5	74	164.4	58	0.50
CH7-12-17BBP	CH7-12-17GSP	120	65.5	168.5	104	164.4	58	0.58
CH7-17-17BBP	CH7-17-17GSP	170	65.5	168.5	154	164.4	58	0.72
CH7-25-17BBP	CH7-25-17GSP	250	65.5	168.5	234	164.4	58	0.94
CH7-33-17BBP	CH7-33-17GSP	330	65.5	168.5	314	164.4	58	1.16
CH8-15-23BBP	CH8-15-23GSP	150	75	230.6	134	226.1	68.8	0.74
CH8-25-23BBP	CH8-25-23GSP	250	75	230.6	234	226.1	68.8	1.06
CH8-33-23BBP	CH8-33-23GSP	330	75	230.6	314	226.1	68.8	1.31
CH8-43-23BBP	CH8-43-23GSP	430	75	230.6	414	226.1	68.8	1.63

Accessories (Optional parts)

MR SERIES

TORX SCREW



- Material / Finish : Steel / Nickel plated
- TORX screw set for 1 unit.
- Recommended for aesthetic purposes, or for tamper-resistance.
- Requires the use of a specialized screwdriver.

Suitable Enclosures

Product no.	Suitable enclosures
MR-3CS	CH4 and CH6 models
MR-4CS	CH7 and CH8 models

Product no. / Dimensions

Product no.	Included screws	TORX head no.
MR-3CS	M3-10 countersunk x 8 pcs • M3-5 Slotted raised countersunk x 4 pcs	T10 (M3)
MR-4CS	M4-12 countersunk x 8 pcs • M3-5 Slotted raised countersunk x 4 pcs	T10 (M3) • T20 (M4)



- Simple structure and tough case with extruded aluminium covers
- 36 sizes and 2 different colors for a total of 72 different combinations.
- 2 or 3 grooves available on top/bottom covers for adjusting front/rear panel positions or PCB insertion.
- Optional mounting plate, mounting bracket, panel retainer, and TORX screw are available.
- Custom length is available.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	Extruded aluminium A6063S-T5	Metallic silver • Black / Painted
2	Bottom cover	1	Extruded aluminium A6063S-T5	Metallic silver • Black / Painted
3	Panel	2	Aluminium A1100P t=1.5	Metallic silver (Conductive inside) • Black / Painted
4	Joint plate	2	Steel SPCC t=2.0	Trivalent chromate
5	Screw (M3 flat head)	12	Steel	Black trivalent chromate
6	Rubber feet	4	Synthetic rubber	Black

■ Panels are covered with a protective film on one side.

Accessories (Optional parts)



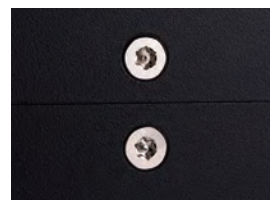
Mounting plate UCC series
See page 303



Mounting bracket UCK-P series
See page 304



Panel retainer UCF-26
See page 304



TORX screw MR-1
See website



Aluminium isolation feet AFS • AFM series
See page 333

UC dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

Color Type

NEW ● SS

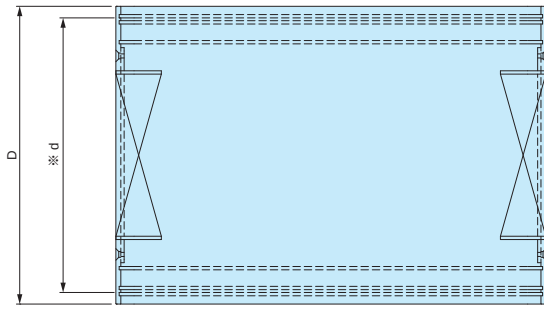


Cover	Metallic silver
Panel	Metallic silver

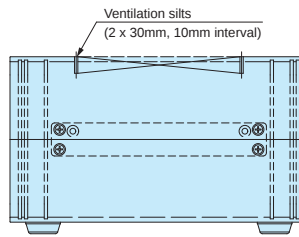
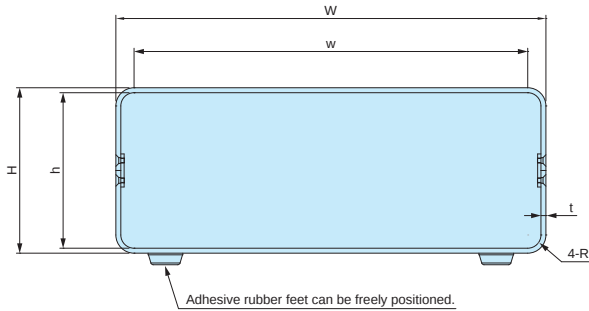
● BB



Cover	Black
Panel	Black



*d dimension varies depending on panel mount position. Dimensions listed are based on outermost mount position.



Product no. / Details

- Please suffix color code at the end of the product number.
- See below chart for ventilation slits availability.

Product no.	External dimensions			Internal dimensions			R	t	Ventilation slits	Weight (kg)
	W	H	D	w	h	d				
UC 6- 3- 8□	60	35	80	50	31	72	3	2	—	0.12
UC 7- 3-10□	75	30	100	65	26	92	3	2	—	0.16
UC 7- 8-14□	75	85	140	60	80	130	5	2.5	—	0.37
UC 8- 3- 6□	80	30	60	70	26	52	3	2	—	0.10
UC 9- 5-12□	90	50	120	75	45	112	5	2.5	—	0.29
UC10- 4-14□	100	40	140	85	35	130	5	2.5	—	0.32
UC10-11-18□	100	110	180	78	104	166	8	3	—	0.72
UC11- 3- 8□	110	30	80	100	26	72	3	2	—	0.17
UC11- 5- 8□	110	50	80	100	46	72	3	2	—	0.20
UC12- 7-16□	120	70	160	98	64	146	8	3	—	0.56
UC12-14-22□	120	140	220	98	134	206	8	3	○	1.08
UC13- 4-18□	130	40	180	108	34	166	8	3	—	0.56
UC14- 4-10□	140	40	100	130	36	92	3	2	—	0.27
UC14- 6-10□	140	60	100	130	56	92	3	2	—	0.31
UC15- 8-20□	150	80	200	128	74	186	8	3	○	0.86
UC15-10-12□	150	100	120	135	95	112	5	2.5	—	0.53
UC15-18-28□	150	180	280	128	174	266	8	3	○	1.74
UC16- 5-22□	165	50	220	143	44	206	8	3	○	0.84
UC17- 5-12□	170	50	120	155	45	112	5	2.5	—	0.45
UC17- 7-12□	170	70	120	155	65	112	5	2.5	—	0.51
UC18-10-24□	180	100	240	158	94	226	8	3	○	1.26
UC18-21-34□	180	210	340	157.6	203.6	326	8	3.2	○	2.63
UC20- 5-14□	200	50	140	185	45	130	5	2.5	—	0.56
UC20- 8-14□	200	80	140	185	75	130	5	2.5	—	0.67
UC20-12-16□	200	120	160	178	114	146	8	3	—	0.82
UC22-12-26□	220	120	260	198	114	246	8	3	○	1.70
UC24-14-34□	240	140	340	217.6	133.6	326	8	3.2	○	2.54
UC26- 5-18□	260	50	180	238	44	166	8	3	○	1.02
UC26- 7-20□	260	70	200	238	64	186	8	3	○	1.23
UC26-10-18□	260	100	180	238	94	166	8	3	○	1.26
UC32- 5-22□	320	50	220	298	44	206	8	3	○	1.45
UC32- 8-24□	320	80	240	298	74	226	8	3	○	1.76
UC32-12-22□	320	120	220	298	114	206	8	3	○	1.88
UC35-13-26□	350	130	260	328	124	246	8	3	○	2.45
UC43- 5-28□	430	50	280	408	44	266	8	3	○	2.37
UC43-14-28□	430	140	280	408	134	266	8	3	○	3.05

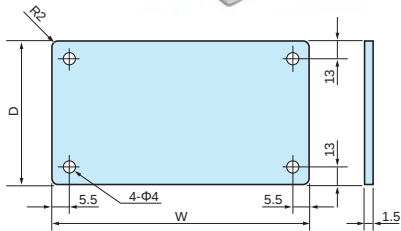
UCC series

MOUNTING PLATE for UC • UCG

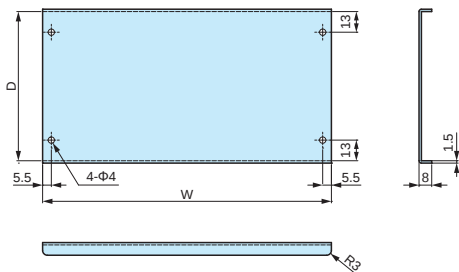
■ DXF/DWG/PDF drawings available on our website.



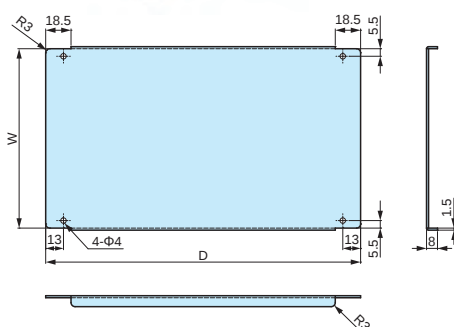
Type A



Type B



Type C



Components

Part name	Pcs	Material	Color / Finish
Mounting plate	1	Aluminium A1050P t=1.5	Unfinished
Screw	4	Steel M3-5	Trivalent chromate

Product no. / Details (Type A)

Product no.	Suitable models	W	D
UCC 6- 8	UC 6- 3- 8	43	58
UCC 7-10	UC 7- 3-10	58	78
UCC 8- 6	UC 8- 3- 6	63	38
UCC11- 8	UC 11- 3- 8	93	58
	UC 11- 5- 8		
UCC 9-12	UC 9- 5-12	72	94
UCC10-14	UC 10- 4-14	82	94
UCC12-16	UC 12- 7-16	101	110
UCC13-18	UC 13- 4-18	111	130
UCC15-20	UC 15- 8-20	131	150
	UCG15- 9-20		
UCC14-10	UC 14- 4-10	123	78
	UC 14- 6-10		
UCC15-12	UC 15-10-12	132	94
UCC17-12	UC 17- 5-12	152	94
	UC 17- 7-12		
UCC 7-14	UC 7- 8-14	57	94
UCC10-18	UC 10-11-18	81	130
UCC12-22	UC 12-14-22	101	170

Product no. / Details (Type B)

Product no.	Suitable models	W	D
UCC16-22	UC 16- 5-22	146	170
UCC18-24	UC 18-10-24	161	190
	UCG18-10-24		
UCC20-14	UC 20- 5-14	182	94
	UC 20- 8-14		
	UCG20- 9-14		
UCC22-26	UC 22-12-26	201	210
UCC20-16	UC 20-12-16	181	110
UCC26-18	UC 26- 5-18	241	130
	UC 26-10-18		
	UCG26-10-18		
UCC26-20	UC 26- 7-20	241	150
UCC32-22	UC 32- 5-22	301	170
	UC 32-12-22		
	UCG32-12-22		
UCC32-24	UC 32- 8-24	301	190
UCC35-26	UC 35-13-26	331	210
UCC43-28	UC 43- 5-28	411	230
	UC 43-14-28		

Product no. / Details (Type C)

Product no.	Suitable models	W	D
UCC15-28	UC 15-18-28	131	230
UCC18-34	UC 18-21-34	160.6	290
UCC24-34	UC 24-14-34	220.6	290

UCK-P series

MOUNTING BRACKET for UC • UCG



Components

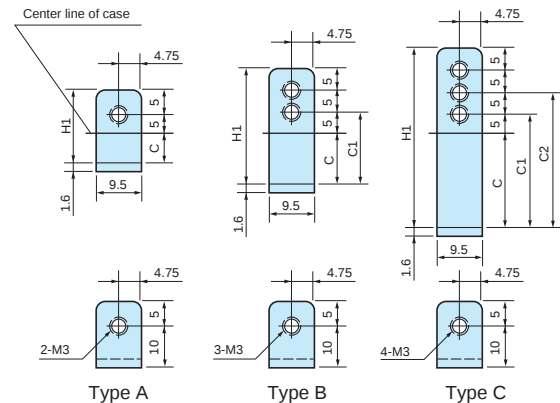
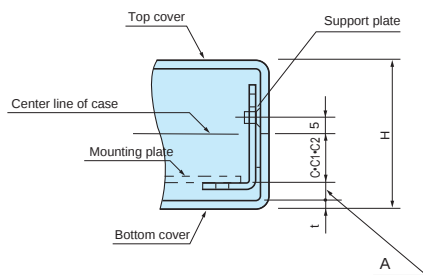
Part name	Material	Finish	Pack of
Mounting bracket	Steel SPCC t=1.6	Trivalent chromate	4

Product no. / Details

Product no.	Type	H1	C	C1	C2	Pack of
UCK-P 13	A	13	3	—	—	4
UCK-P 17	A	17	7	—	—	4
UCK-P 27	B	27	12	17	—	4
UCK-P 42	C	42	22	27	32	4
UCK-P 57	C	57	37	42	47	4
UCK-P 72	C	72	52	57	62	4
UCK-P 87	C	87	67	72	77	4
UCK-P102	C	102	82	87	92	4

■ DXF/DWG/PDF drawings available on our website.

UCK-P assembly drawings



Bracket matching chart / A dimension

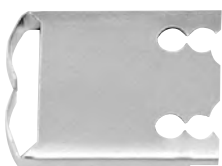
Product no.	Bracket no.	A
UC 6- 3- 8	UCK-P 13	12.5
	UCK-P 17	8.5
UC 7- 3-10	UCK-P 13	10
	UCK-P 17	6
UC 9- 5-12	UCK-P 17	15.5
	UCK-P 27	10.5 5.5
	UCK-P 13	14.5
UC 10- 4-14	UCK-P 17	10.5
	UCK-P 27	5.5
	UCK-P 27	15
UC 12- 7-16	UCK-P 42	10
	UCK-P 13	14
UC 13- 4-18	UCK-P 17	10
UC 15- 8-20	UCK-P 42	15 10 5
	UCK-P 13	19
	UCK-P 17	15
UC 16- 5-22	UCK-P 27	10
	UCK-P 57	19.8
UC 24-14-34	UCK-P 72	14.8 9.8
	UCK-P 13	10
UC 8- 3- 6	UCK-P 17	6
	UCK-P 13	10
UC 11- 3- 8	UCK-P 17	6
	UCK-P 17	16
UC 11- 5- 8	UCK-P 27	11 6

Product no.	Bracket no.	A
UC 14- 4-10	UCK-P 13	15
	UCK-P 17	11
	UCK-P 27	6
UC 14- 6-10	UCK-P 27	16 11
	UCK-P 42	6
	UCK-P 42	10
UC 15-10-12	UCK-P 42	20.5 15.5
	UCK-P 57	10.5 5.5
	UCK-P 17	15.5
UC 17- 5-12	UCK-P 27	10.5 5.5
	UCK-P 27	15.5
	UCK-P 42	10.5 5.5
UC 20- 5-14	UCK-P 13	19.5
	UCK-P 17	15.5
	UCK-P 27	10.5 5.5
UC 20- 8-14	UCK-P 27	20.5
	UCK-P 42	15.5 10.5
	UCK-P 42	5
UC 20-12-16	UCK-P 57	20 15 10
	UCK-P 13	19
	UCK-P 17	15
UC 26- 5-18	UCK-P 27	10

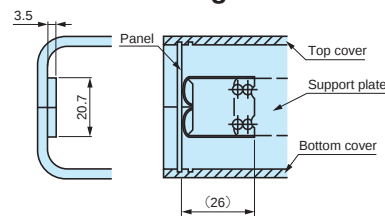
Product no.	Bracket no.	A
UC 26-10-18	UCK-P 42	20 15
UCG 26-10-18	UCK-P 57	10
UCG 26- 7-20	UCK-P 27	15
	UCK-P 42	10
UC 18-10-24	UCK-P 42	20 15
UCG 18-10-24	UCK-P 57	10
UC 22-12-26	UCK-P 57	20 15 10
	UCK-P 13	19
	UCK-P 17	15
UC 32- 5-22	UCK-P 27	10
	UCK-P 57	20 15 10
	UCK-P 42	15 10 5
UC 32-12-22	UCK-P 57	25 20 15
	UCK-P 72	10 5
	UCK-P 13	19
UC 32-12-22	UCK-P 17	15
	UCK-P 27	10
	UCK-P 57	20
UC 43- 5-28	UCK-P 72	15 10
	UCK-P 42	18 13 8
	UCK-P 57	15 10 5
UC 7- 8-14	UCK-P 42	15 10 5
UC 10-11-18	UCK-P 72	20 15 10
UC 12-14-22	UCK-P 87	19.8 14.8 9.8
UC 15-18-28	UCK-P102	

UCF-26

PANEL RETAINER for UC • UCG



UCF-26 drawings



■ DXF/DWG/PDF drawings available on our website.

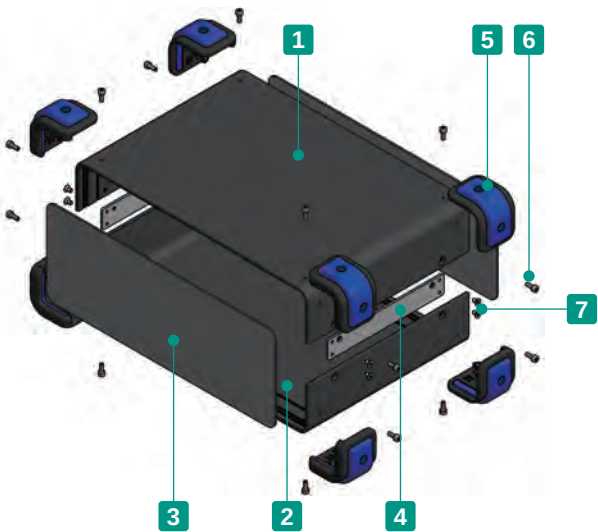
Product no. / Details

Product no.	Material	Finish	Pack of
UCF-26	Stainless steel t=0.3	Unfinished	2

■ Not applicable for use on 60, 80, 100 and 120 "D" dimension cases.

UCG series

UNIVERSAL ALUMINIUM CASE with CORNER GUARD



- Aluminium case equipped with shockproof and anti-slip corner guards.
- Available in 8 sizes and 5 different corner guard color variations.
- Custom sizes available.

Included screws
 Corner guard screw - M3-8 Hexagonal x 16 pcs
 Case screw - M3 Hexagonal flat head x 12 pcs
 ※ 2 Hexagonal wrenches included.
 (The larger for corner guard screw, the smaller for case screw)

Components

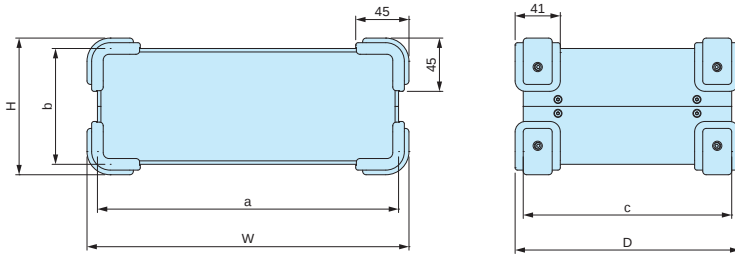
No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	Extruded aluminium A6063S-T5	Black / Painted
2	Bottom cover	1	Extruded aluminium A6063S-T5	Black / Painted
3	Panel	2	Aluminium A1100P t=1.5	Black / Painted
4	Joint plate	2	Steel SPCC t=2.0	Trivalent chromate
5	Corner guard	8	PP + Silicone	Black • Emerald • Gray • Navy • Red
6	Corner guard screw	16	Steel	Trivalent chromate
7	Case screw	12	Steel	Trivalent chromate

■ Panels are covered with a protective film on one side.

Color Type

Code	[B][B] Black / Black	[B][E] Black / Emerald	[B][G] Black / Gray	[B][N] Black / Navy	[B][R] Black / Red
Color					

UCG dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

Accessories (Optional parts)



Mounting plate UCC series
See page 303

Elastomer handle FM200 series
See website

Product no. / Details

■ Please suffix color code at the end of the product number.

Product no.	W	H	D	a	b	c	Standard Compatible Mounting Plate	Weight (kg)
UCG15- 9-20□□	168	108	214	150	90	200	YES	1.14
UCG18-10-24□□	198	118	254	180	100	240	YES	1.44
UCG18-18-28□□	198	198	294	180	180	280	N/A	2.23
UCG20- 9-14□□	218	108	154	200	90	140	YES	1.13
UCG22-12-16□□	238	138	174	220	120	160	N/A	1.28
UCG26-10-18□□	278	118	194	260	100	180	YES	1.96
UCG32-12-22□□	338	138	234	320	120	220	YES	2.13
UCG38-15-26□□	398	168	274	380	150	260	N/A	3.19

■ Mounting plate can be custom ordered.

Accessories (Optional parts)

UG-1 CORNER GUARD for UC • UCG

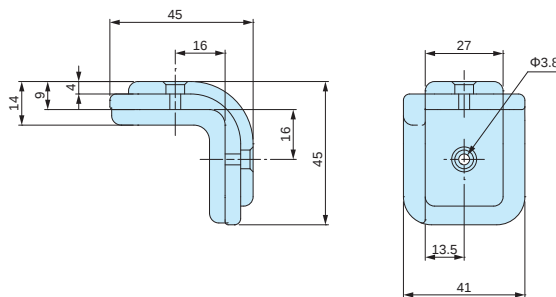


Application example



- Corner guard parts for UC • UCG series.
- M3 thread holes are required in order to fix on UC series.
- Available in 5 different color variations.

UG-1 dimensions



■ DXF/DWG/PDF/STP drawings available on our website.

Components

No.	Part name	Material
1	Corner guard base	PP
2	Corner guard	Silicone
3	Screw (M3-8 Hexagonal)	Steel

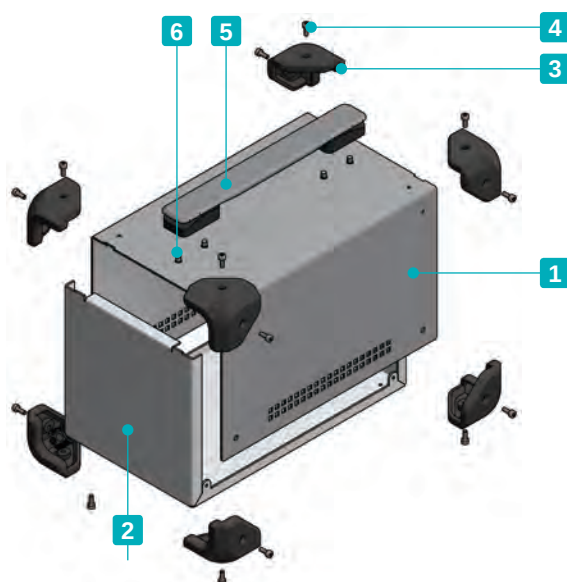
Product no. / Details

Product no.					Weight (g)	Pack of
Black	Emerald	Gray	Navy	Red		
UG-1B	UG-1E	UG-1G	UG-1N	UG-1R	210.5	8

Included screw : M3-8 Hexagonal : Steel : Trivalent chromate x 16 pcs + 2 Hexagonal wrench



- Aluminium case equipped with shockproof and anti-slip elastomer corner guards.
- Suitable to be used as a fanless PC, power supply, power storage device etc.
Carrying handle can withstand a maximum load up to 30.0 kg.
- Corner guards are available in 4 different color variations.
- Custom sizes available.



- Aluminium case and corner guard with screw fastening.



Included screws
Case / Corner guard - M4-8 Hexagonal x 16 or 18 pcs
Carrying handle - M5-8 x 4 pcs
※Hexagonal wrench included.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	Steel SECC t=10	Black / Painted
			Aluminium A1100P t=1.5	Metallic silver / Painted (Conductive inside)
2	Base	1	Aluminium A1050P t=1.5	Black / Painted
			Aluminium A1100P t=1.5	Metallic silver / Painted (Conductive inside)
3	Corner guard	8	TPE	Black • Gray • Navy • Red
4	Case / Corner guard screw	16 / 18	Steel	Black trivalent chromate
5	Carrying handle	1	PU • PA6 • ABS • Steel	Black • Gray
6	Carrying handle screw	4	Steel	Trivalent chromate

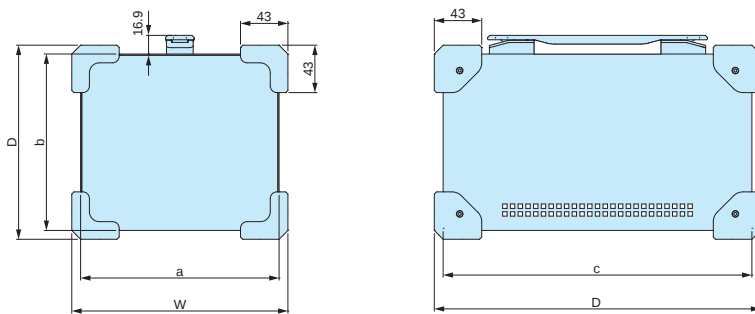
- Top cover and base are covered with a protective film on one side.

Color Type

Code	[B][B] Black / Black		[B][G] Black / Gray		[B][N] Black / Navy		[B][R] Black / Red	
Color								
Code	[S][B] Silver / Black Conductive		[S][G] Silver / Gray Conductive		[S][N] Silver / Navy Conductive		[S][R] Silver / Red Conductive	
Color								

MCG dimensions

■ DXF/DWG/PDF/STP drawings available on our website.



Product no. / Dimensions

■ Please suffix color code at the end of the product number.

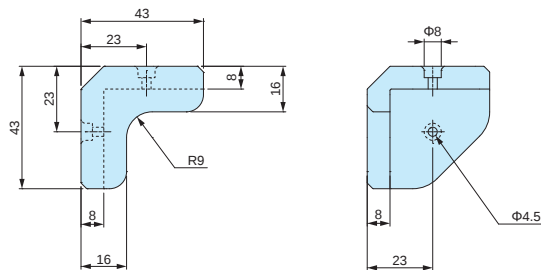
Product no.	W	H	D	a	b	c	Weight (kg)	
							[B][] models	[S][] models
MCG14-14-23[][]	156	156	246	140	140	230	1.2	0.9
MCG18-16-28[][]	196	176	296	180	160	280	1.8	1.3
MCG21-14-24[][]	226	156	256	210	140	240	1.6	1.2
MCG26-18-30[][]	276	196	316	260	180	300	2.3	1.6

Accessories (Optional parts)

MG-1 CORNER GUARD



MG-1 dimensions



- Corner guard part for MCG case.
- Corner guard can be installed on enclosures other than MCG series.
- M4 thread holes are required for installation.
- Available in 4 different color variations.

■ DXF/DWG/PDF/STP drawings available on our website.

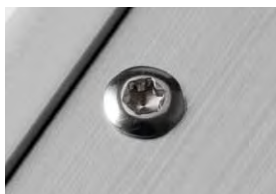
Components

No.	Part name	Material
1	Corner guard	TPE
2	Screw (M4-8 Hexagonal)	Steel

Product no. / Details

Product no.				Weight (g)	Pack of
Black	Gray	Navy	Red		
MG-1B	MG-1G	MG-1N	MG-1R	124	8

Included screw : M4-8 Hexagonal : Steel : Black trivalent chromate x 18 pcs + Hexagonal wrench

MR SERIES**SLOTTED RAISED COUNTERSUNK TORX SCREW**

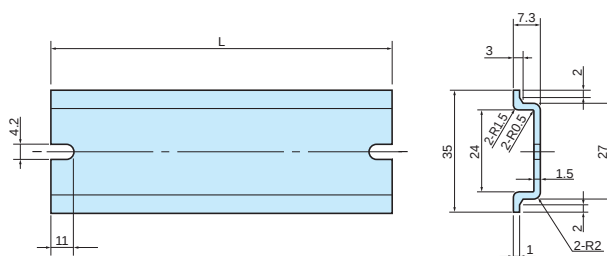
- For use with top / bottom cover.
- Recommended for aesthetic purposes, or for tampering resistance.
- Requires the use of a specialized screwdriver.

Product no. / Dimensions

Product no.	M	L	TORX head no.	Material	Color / Finish	Pack of
MR3-5ZS	3	5	T10	Steel	Nickel plated	20
MR3-5ZB	3	5	T10	Steel	Black trivalent chromate	20

FDR SERIES**DIN-RAIL**

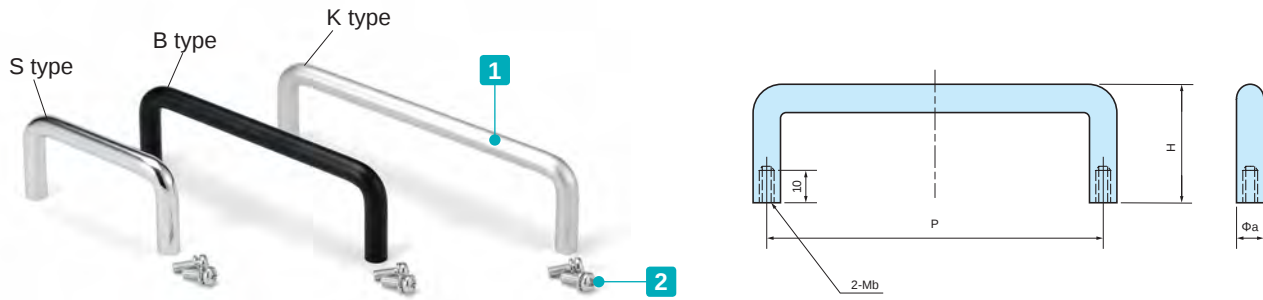
- FCK mounting bracket is required for installation.
- Not suitable for FC4 (H = 37.9mm).

**Components**

Material	Color / Finish
Aluminium A6063S-T5	Silver / Anodized

Product no. / Dimensions

Product no.	L	Box length
FDR- 50	50	100
FDR-100	100	150
FDR-150	150	200
FDR-205	205	250
FDR-249	249	300
FDR-300	300	350
FDR-350	350	400
FDR-450	450	500
FDR-550	550	600

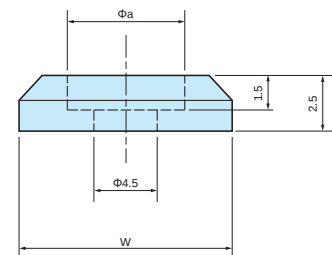
BH SERIES**ROUNDED ALUMINIUM HANDLE****Components**

No.	Part name	Pcs	Material	Color / Finish
1	Handle	1	Extruded aluminium A5056S	Polished • Matte anodized
2	Screw	2	Steel	Trivalent chromate

Product no. / Dimensions

■ K type only available on BH-100, 120, 150, and 180 models.

Product no.			P	H	a	b	Pack of
● Silver polished	● Black matte anodized	● Silver matte anodized					
BH- 26S	BH- 26B	–	26	25	6	3	2
BH- 30S	BH- 30B	–	30	35	8	4	2
BH- 50S	BH- 50B	–	50	35	8	4	2
BH- 60S	BH- 60B	–	60	35	8	4	2
BH- 70S	BH- 70B	–	70	35	8	4	2
BH- 80S	BH- 80B	–	80	35	8	4	2
BH-100S	BH-100B	BH-100K	100	35	8	4	2
BH-110S	BH-110B	–	110	35	8	4	2
BH-120S	BH-120B	BH-120K	120	35	8	4	2
BH-150S	BH-150B	BH-150K	150	35	8	4	2
BH-180S	BH-180B	BH-180K	180	35	8	4	2

Z-P SERIES**WASHER for HANDLE**

■ Brass washer for BH • KH series.

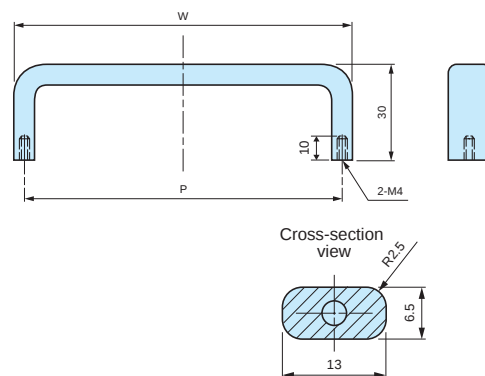
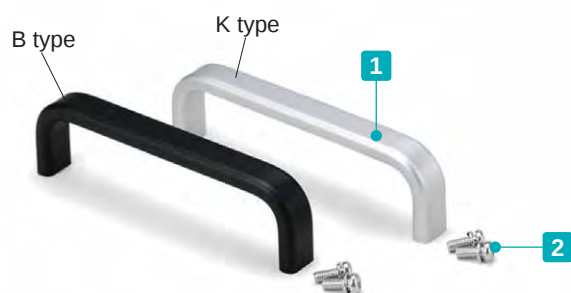
Product no. / Dimensions

■ Material / Brass

Product no.		W	a	Pack of
Chrome plated	Black painted			
Z-P6S	Z-P6B	10	6.2	10
Z-P8S	Z-P8B	12	8.2	10

OH SERIES

ALUMINIUM HANDLE



Components

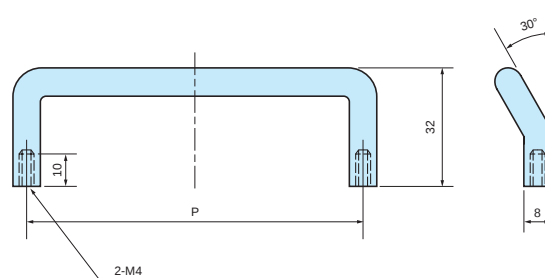
No.	Part name	Pcs	Material	Color / Finish
1	Handle	1	Extruded aluminium A6063S-T5	Matte anodized
2	Screw (M4-10 Pan head with spring washer)	2	Steel	Trivalent chromate

Product no. / Dimensions

Product no.		P	W	Pack of
● Black matte anodized	● Silver matte anodized			
OH- 55B	OH- 55K	55	61.5	2
OH- 70B	OH- 70K	70	76.5	2
OH- 85B	OH- 85K	85	91.5	2
OH-100B	OH-100K	100	106.5	2
OH-120B	OH-120K	120	126.5	2
OH-140B	OH-140K	140	146.5	2
OH-170B	OH-170K	170	176.5	2

KH SERIES

ANGLED ALUMINIUM HANDLE



Components

No.	Part name	Pcs	Material	Color / Finish
1	Handle	1	Extruded aluminium A5056S	Polished • Matte anodized
2	Screw (M4-10 Pan head with spring washer)	2	Steel	Trivalent chromate

Product no. / Dimensions

Product no.		P	Pack of
● Silver polished	● Black matte anodized		
KH- 70S	KH- 70B	70	2
KH-100S	KH-100B	100	2

HIGH-END DESIGN Aluminium Case **HD** series

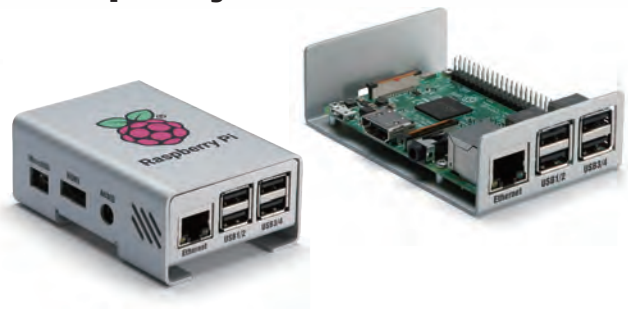


**Distinctive design,
suitable for many different devices**

Industrial Embedded System



Raspberry Pi



Data Transmitter / Receiver



Measurement / Test Equipment

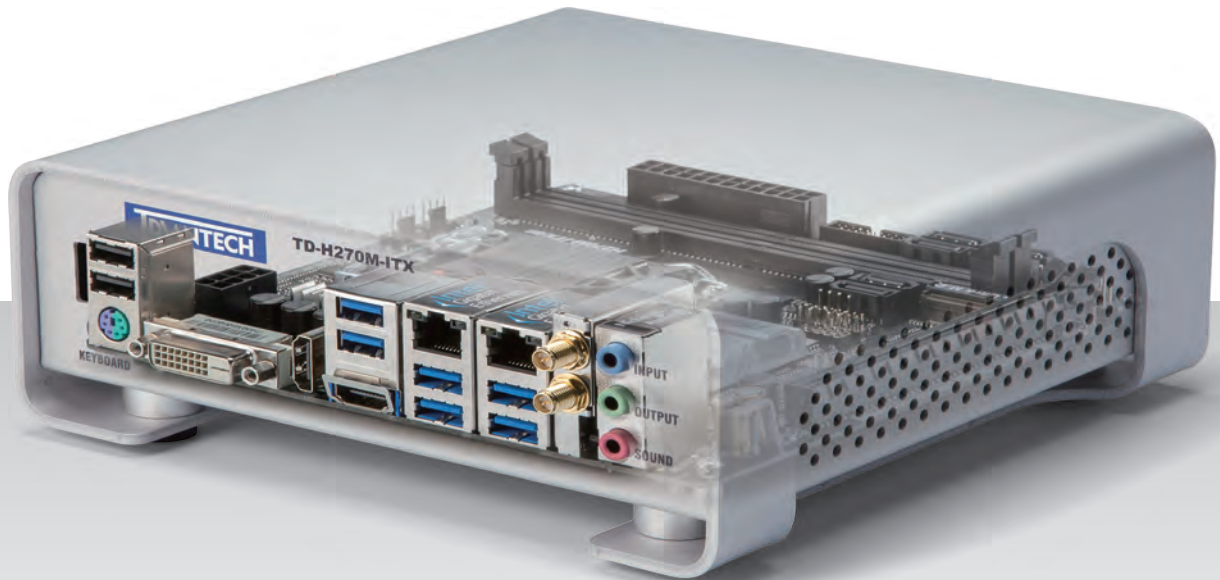


Audio Amplifier



Power Supply





Compatibility with Standard Board Sizes

Raspberry Pi

Board Size
56×85mm

EURO BOARD

Board Size
100×160mm

3.5 inch Board

Board Size
146×102mm

Mini STX

Board Size
140×147mm

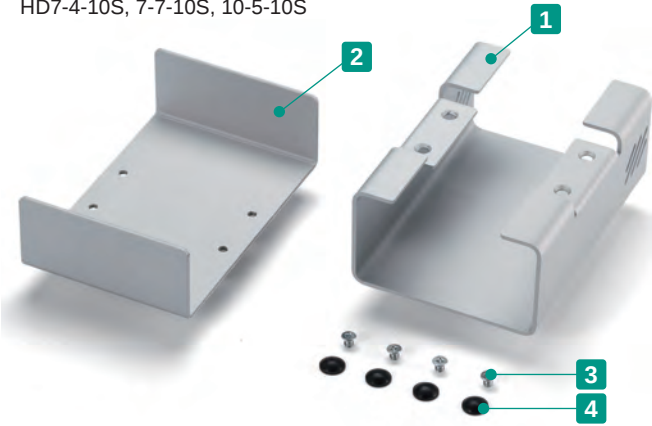
Mini ITX

Board Size
170×170mm

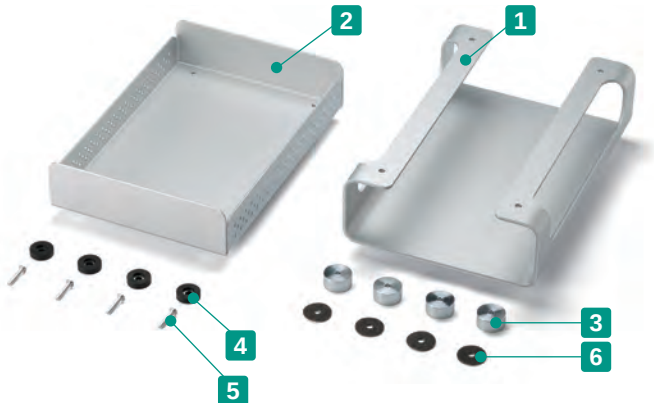


- Distinctively designed aluminium case.
- Polished, elegant and sleek metallic silver finish.
- Suitable for embedded system, measuring equipment, data transmitter, audio amplifier, and more.

HD7-4-10S, 7-7-10S, 10-5-10S



Other models



Components

HD7-4-10S, 7-7-10S, 10-5-10S

No.	Part name	Pcs	Material	Color / Finish
1	Cover	1	Aluminium A1100P	Metallic silver / Painted (Conductive inside)
2	Base	1	Aluminium A1100P	Metallic silver / Painted (Conductive inside)
3	Screw	4	Steel	Trivalent chromate
4	Rubber feet	4	Synthetic rubber	Black

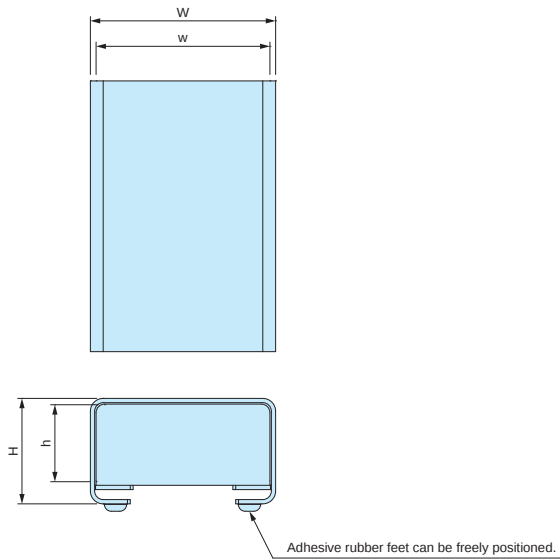
Other models

No.	Part name	Pcs	Material	Color / Finish
1	Cover	1	Aluminium	Metallic silver / Painted
2	Base	1	Aluminium	Metallic silver / Painted
3	Pillar feet	4	Extruded Aluminium A6063S-T5	Silver / Anodized
4	Rubber feet	4	Synthetic rubber	Black
5	Screw	4	Steel	Trivalent chromate
6	Cushion	4	Polyethylene	Black

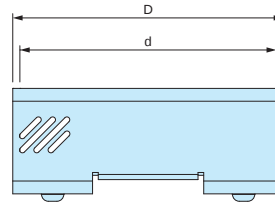
HD dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

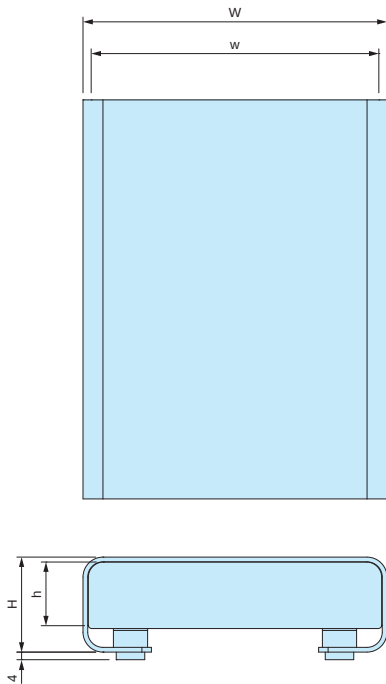
HD7-4-10S • 7-7-10S • 10-5-10S (Conductive)



Included screw : M3-4 flat head

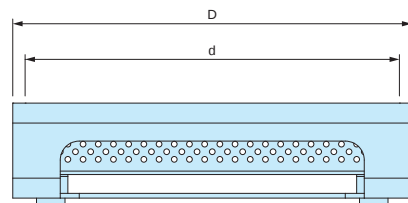


Other models



HD11-5-18S ~ HD16-5-21S
Included screw : M3-16 flat head

HD19-8-21S ~ HD32-10-23S
Included screw : M3-20 flat head

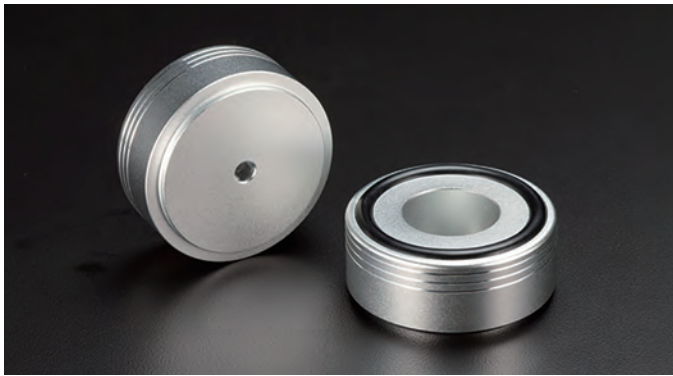


Product no. / Details

Product no.	External dimensions			Internal dimensions			Compatible board	Weight (g)
	W	H	D	w	h	d		
HD 7- 4-10S	65	37	95	61	27	90	Raspberry Pi (56 x 85)	94.1
HD 7- 7-10S	65	65	95	61	55.5	90		129
HD10- 5-10S	95	48	95	91	35.5	90	—	138.5
HD11- 5-18S	111	50	175	102.4	33.5	162	Euro Board (100 x 160)	386.3
HD11- 7-18S	111	70	175	102.4	53.5	162		447.7
HD15- 7-16S	151	65	162	142.4	48.5	149	Mini STX (140 x 147)	500.8
HD16- 6-12S	157	60	118	148.4	43.5	105	3.5 Inch Board (146 x 102)	382.1
HD16- 5-21S	160	50	210	151.4	33.5	197	—	573.9
HD19- 8-21S	192	75	210	182.4	57.5	197	Mini ITX (170 x 170)	838.1
HD21-14-25S	210	135	250	199.4	117	236	—	1587.8
HD26- 8-20S	260	80	200	249.4	62	186	—	1162.8
HD32-10-23S	320	100	230	309.4	82	216	—	1678

AFS•AFM series

ALUMINIUM ISOLATION FEET



External type / Shot blast finish AFS series



Internal type / Reflective finish AFM series

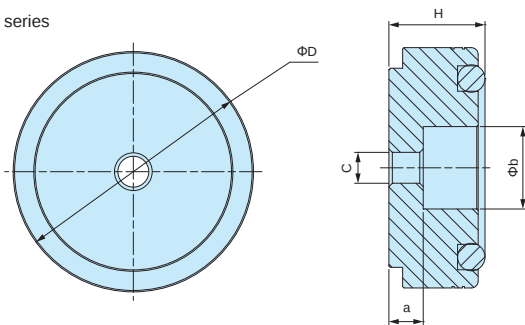
- The surface treatment and finish allows the feet to exhibit a polished and luxurious feel.
- Non-slip NBR O-ring is located on the underside of the feet.

Product no. / Details

Product no.		D	H	Installation type	C	a	b	Pack of
● Silver	● Black							
AFS20- 8S	AFS20- 8B	20	8	External	Φ3.4	3	9	4
AFS25-10S	AFS25-10B	25	10	External	Φ4.5	4	12	4
AFS30-12S	AFS30-12B	30	12	External	Φ4.5	5	12	4
AFS35-14S	AFS35-14B	35	14	External	Φ4.5	5	12	4
AFS39-16S	AFS39-16B	39	16	External	Φ4.5	5	15	4
AFS44-18S	AFS44-18B	44	18	External	Φ4.5	5	20	4
AFS55-20S	AFS55-20B	55	20	External	Φ5.5	5	20	4
AFM15- 7S	—	15	7	Internal	M3	4	—	4
AFM20- 9S	—	20	9	Internal	M3	5	—	4
AFM25-12S	—	25	12	Internal	M4	7	—	4
AFM30-14S	—	30	14	Internal	M4	8	—	4
AFM35-16S	—	35	16	Internal	M4	10	—	4
AFM39-18S	—	39	18	Internal	M4	10	—	4
AFM44-20S	—	44	20	Internal	M4	10	—	4
AFM55-22S	—	55	22	Internal	M5	15	—	4

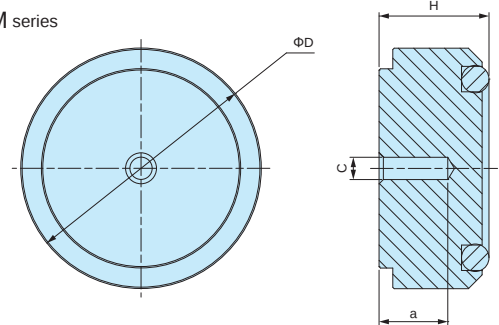
AFS • AFM dimensions

AFS series



- DXF/DWG/PDF/STP drawings available on our website.

AFM series



APPLICATION EXAMPLE



RS series

PLATED PLASTIC FEET

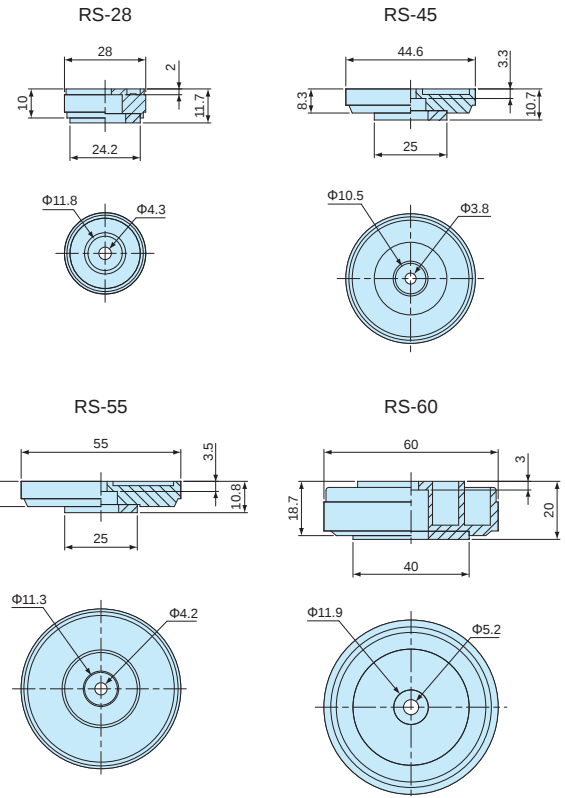


- Suitable for audio equipment use.
- Elastomeric foam pad is located on the underside of the feet.

Product no. / Details

Product no.		Material	Pack of
● Silver	● Gold		
RS-28S	RS-28G	ABS UL94HB / Polyester / EVA	4
RS-45S	RS-45G	ABS UL94HB / Polyester / EVA	4
RS-55S	RS-55G	ABS UL94HB / Polyester / EVA	4
RS-60S	RS-60G	ABS UL94HB / Polyester / EVA	4

RS dimensions



■ DXF/DWG/PDF drawings available on our website.

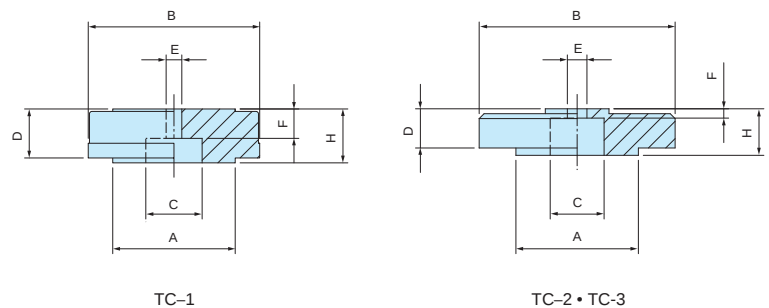
TC series

ALUMINIUM FEET



- Aluminium material gives it a refined and elegant look.
- Suitable for audio equipment use.
- Elastomeric foam pad is located on the underside of the feet.

TC dimensions



■ DXF/DWG/PDF drawings available on our website.

Product no. / Details

Product no.		A	B	C	D	E	F	H	Material	Pack of
● Silver	● Gold									
TC-1S	TC-1G	25	35	11.5	9.7	3.4	5.6	11.5	ABS UL94HB / Aluminium / EVA	4
TC-2S	TC-2G	25	40	10.5	10.4	4.1	2.4	12.5	ABS UL94HB / Aluminium / EVA	4
TC-3S	TC-3G	25	45	11.7	13	4.2	7.5	15	ABS UL94HB / Aluminium / EVA	4

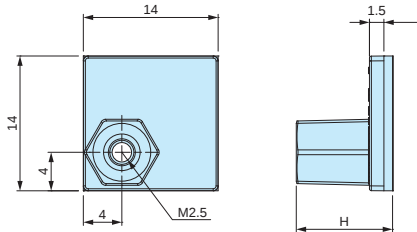
AST series**INSERT NUT ADHESIVE STANDOFF**

- Double-sided adhesive tape allows the standoff to be mounted quickly and easily; allows PCB mounting in non-boss enclosures.
- Convenient for installing PCBs into enclosures without the need for customization.
- Please ensure that surface is cleaned and grease-free before adhering.
- Once removed, it cannot be adhered on again.

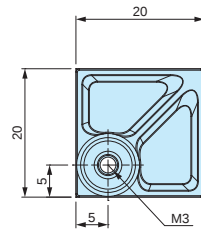
AST dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

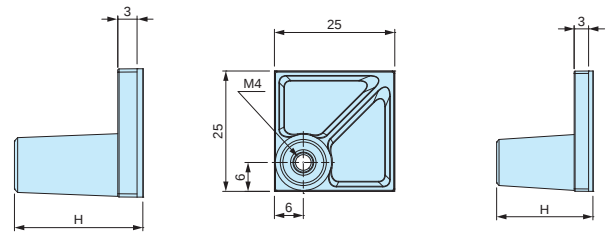
AST2.5-□



AST3-□



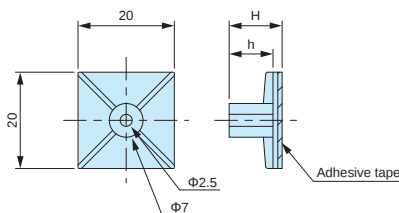
AST4-□

**Product no. / Details****Bulk package**

Product no	H dimension	Included screw	Recommended PCB thickness (mm)	Recommended torque (N • m)	Weight (g)	Pack of	Product no	Pack of
AST2.5-5B	5	M2.5-5 pan head	1.0 ~ 2.0	0.3	0.6 (1 piece)	4	AST2.5-5B-P	100
AST2.5-10B	10	M2.5-5 pan head	1.0 ~ 2.0	0.3	0.8 (1 piece)	4	AST2.5-10B-P	100
AST3-6B	6	M3-6 pan head	1.0 ~ 3.0	0.4	1.5 (1 piece)	4	AST3-6B-P	100
AST3-10B	10	M3-6 pan head	1.0 ~ 3.0	0.4	1.6 (1 piece)	4	AST3-10B-P	100
AST3-15B	15	M3-6 pan head	1.0 ~ 3.0	0.4	1.8 (1 piece)	4	AST3-15B-P	100
AST3-20B	20	M3-6 pan head	1.0 ~ 3.0	0.4	2.1 (1 piece)	4	AST3-20B-P	100
AST4-10.5B	10.5	M4-8 pan head	1.0 ~ 3.5	0.8	2.6 (1 piece)	4	AST4-10.5B-P	50
AST4-20B	20	M4-8 pan head	1.0 ~ 3.5	0.8	3.2 (1 piece)	4	AST4-20B-P	50

- Base material / color : Nylon 66 (UL94V-2) / Black
- Nut • screw material / finish : Steel / Trivalent chromate

- Bulk packaging is available. See "Bulk package" column above.
- Screws are not included for bulk packages.

ASR series**ADHESIVE PCB STANDOFF****ASR dimensions**

■ DXF/DWG/PDF drawings available on our website.

**Product no. / Details**

■ Material / Color: Nylon 66 (UL94V-2) / Natural

Product no	H	h	Weight (g)	Pack of
ASR- 5	5.1	3.1	0.9 (1 piece)	10
ASR- 6	6.4	4.4	1.0 (1 piece)	10
ASR- 7	7.2	5.1	0.9 (1 piece)	10
ASR- 8	8.1	6.3	0.9 (1 piece)	10
ASR- 9	9	7	1.0 (1 piece)	10
ASR-11	11	9	1.0 (1 piece)	10
ASR-13	12.7	10.7	1.2 (1 piece)	10
ASR-14.5	14.7	12.8	1.1 (1 piece)	10
ASR-16	15.9	13.9	1.3 (1 piece)	10
ASR-19	19.1	17.1	1.4 (1 piece)	10

- M3 tapping screw use adhesive standoff.
Recommended to be used with EM-3 or EM-3-6 self-tapping screws (See page 398).
- Please ensure that surface is cleaned and grease-free before adhering.
- Once removed, it cannot be adhered on again.

Technical Data

Recommended torque : 0.4N • m



Technical Data

Operating temperature: -10°C ~ +60°C

Mount Example



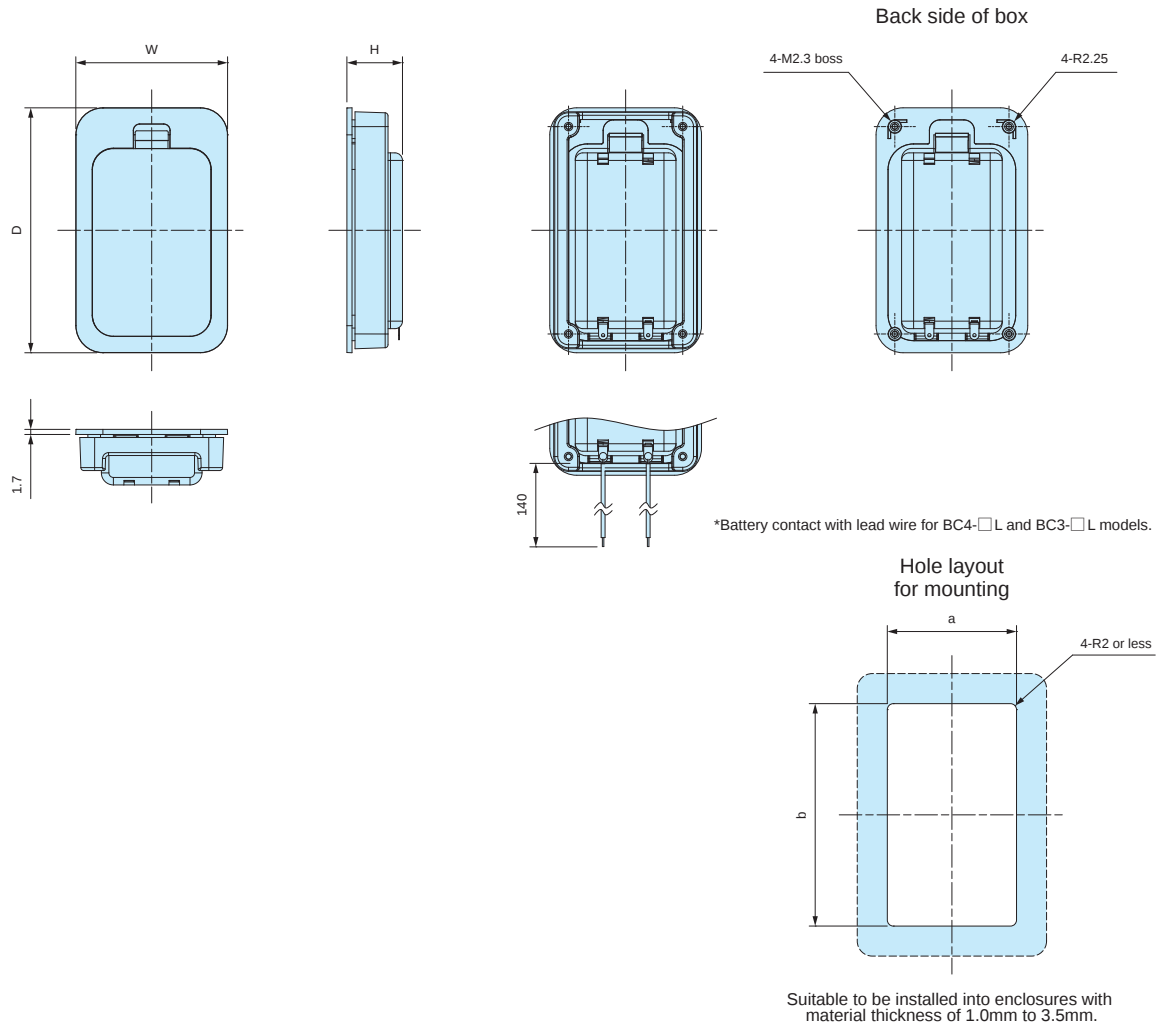
- Suitable to be installed into enclosures with material thickness of 1.0mm to 3.5mm.
- Cover can be opened/closed without any tool for easy battery replacement.
- 5 different battery layouts are available as AA x 2, AA x 3, AA x 4, AAA x 2 and AAA x 4. Each layout comes in 2 models: with lead-wire, and without lead-wire.
- ⊕⊖ markings prevents incorrect placement of battery.
- The dimensions of alkaline or manganese batteries may vary depending on country and brand. Use optional battery cushion sponge to prevent rattling.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Box	1	ABS UL94V-0	Black • Off-white
2	Cover	1	ABS UL94V-0	Black • Off-white
3	Frame	1	ABS UL94V-0	Black • Off-white
4	Battery contact Lead wire (BC-L models)	1 set	Battery contact : Brass & steel wire Lead wire : PVC + Copper wire (UL1007 AWG26)	Nickel plated Black • Red
5	Self-tapping screw	4	Steel	Nickel plated

BC dimensions

- DXF/DWG/PDF/STP drawings available on our website.
- The shape and position of battery contacts vary by model.



Type: Without Lead Wire

Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2-B	BC4-2-W	40	14.8	78.5	32.5	71	*AAA x 2	24.5
BC4-4-B	BC4-4-W	62	14.8	78.5	54.5	71	*AAA x 4	34.5
BC3-2-B	BC3-2-W	50.5	18.5	81.5	43	74	*AA x 2	31.5
BC3-3-B	BC3-3-W	65.5	18.5	81.5	58	74	*AA x 3	39
BC3-4-B	BC3-4-W	80.5	18.5	81.5	73	74	*AA x 4	46

*Alkaline or manganese batteries

Type: With Lead Wire

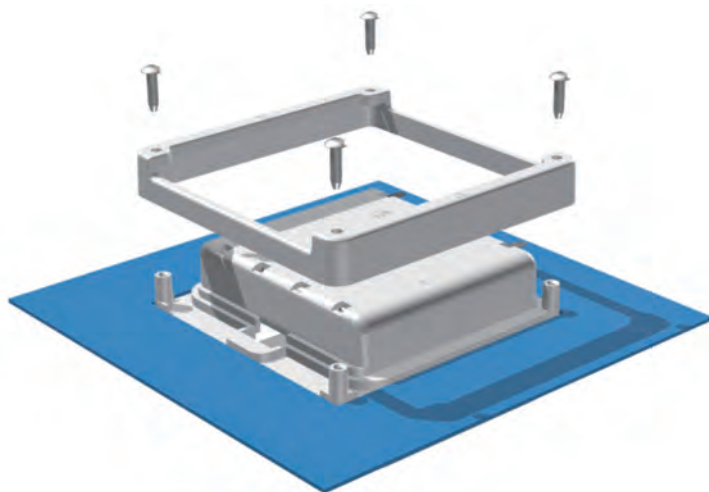
Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2L-B	BC4-2L-W	40	14.8	78.5	32.5	71	*AAA x 2	25.5
BC4-4L-B	BC4-4L-W	62	14.8	78.5	54.5	71	*AAA x 4	35.5
BC3-2L-B	BC3-2L-W	50.5	18.5	81.5	43	74	*AA x 2	32.5
BC3-3L-B	BC3-3L-W	65.5	18.5	81.5	58	74	*AA x 3	40
BC3-4L-B	BC3-4L-W	80.5	18.5	81.5	73	74	*AA x 4	47

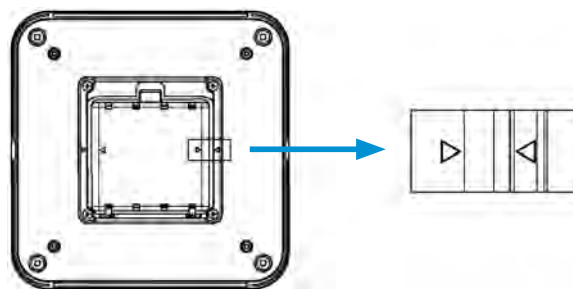
*Alkaline or manganese batteries

How to mount on the enclosures

- Insert battery box into the milled hole first, and fit the frame on the back side. Once mounted, secure the frame with screws.



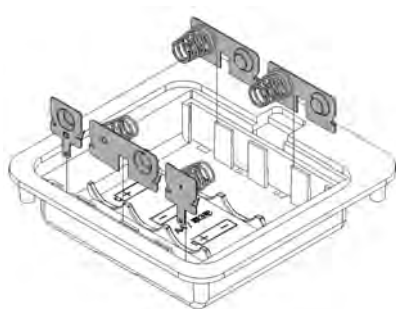
- For BC3-4□ models, ▷ markings are shown on the frame. Install by matching the markings.



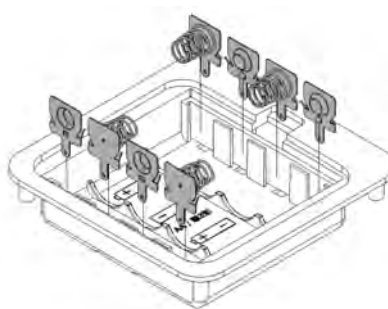
Parallel circuit conversion on BC series battery box

- BC-3□ models can be converted from a series to a parallel circuit. See below illustration for further details.
- IT series (IT-3 models) optional battery contacts can be used for parallel circuit conversion. (See website for more information)
- Use caution when installing or replacing the terminals to avoid the damage to the material.
- Parallel series conversion is available via our customization services.

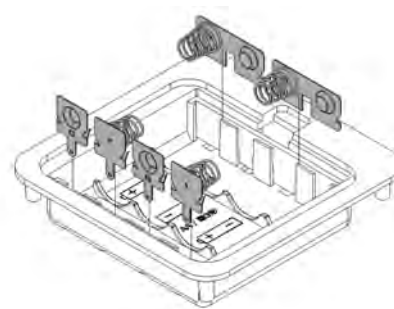
Conversion Example



Series Circuit (Standard)

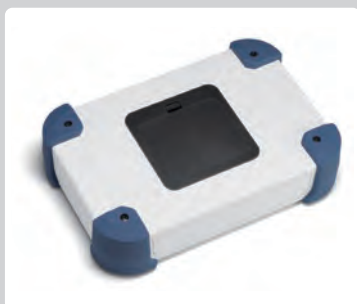


Parallel Circuit (4 batteries)



Parallel Circuit (2 batteries x 2)

Customization Available



For more information, contact us here:

Online form: https://www.takachi-enclosure.com/contact/form_contact
E-mail : sales@takachi-el.co.jp

Mount Example

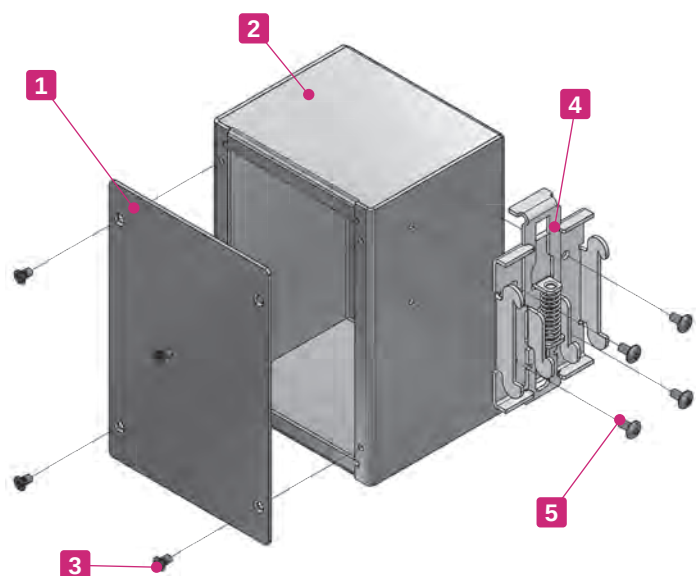


■ BC series battery boxes can also be mounted on aluminium enclosures.

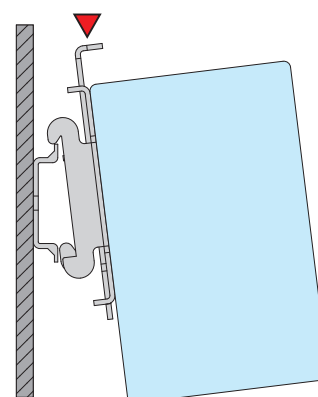


Technical Data

Max load : 3kg



- Aluminium enclosure with mount bracket for 35mm DIN Rail.
- Available in 6 different sizes.
- Conductive finish on internal surface for conductivity and grounding.
- Easy maintenance with detachable cover.
- Press the lever (denoted with a red sign below) when mounting / unmounting onto a DIN Rail.



Components

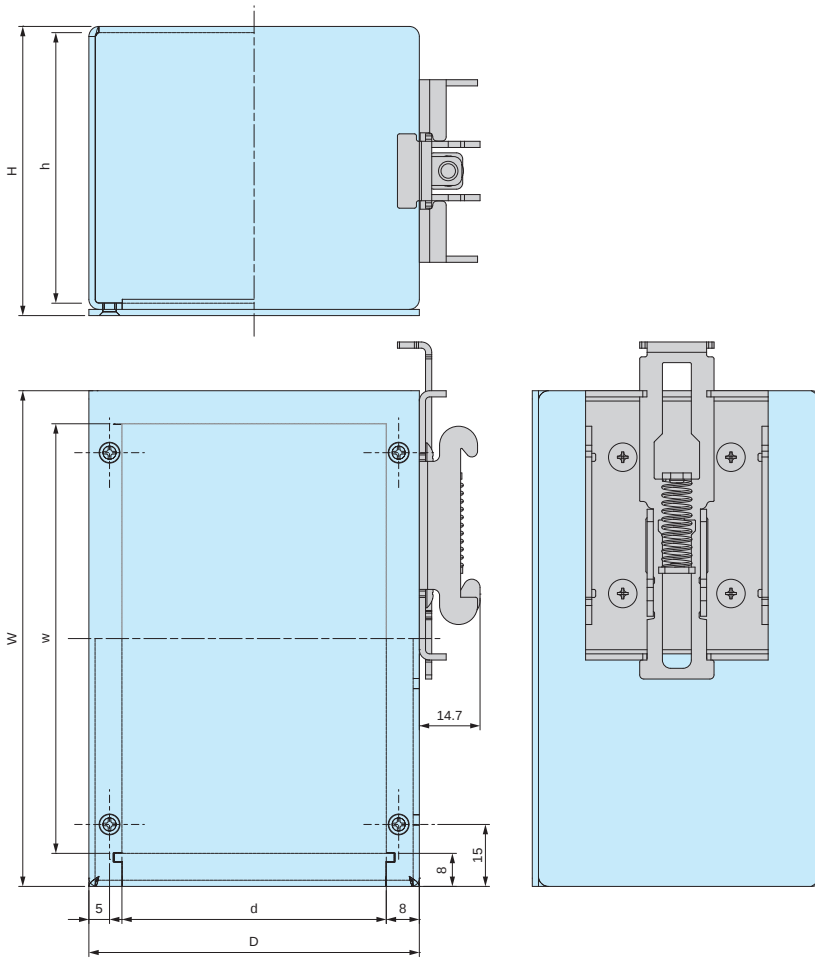
No.	Part name	Pcs	Material	Color / Finish
1	Cover	1	Aluminium A1100P t = 1.5	Metallic silver / Painted (Conductive inside)
2	Base	1	Aluminium A1100P t = 1.5	Metallic silver / Painted (Conductive inside)
3	Screw (M3-5 flat head)	4	Steel	Nickel plated
4	DIN Rail mount bracket	1	Plated steel	Zinc plated
5	Screw (M3-5 pan head)	4	Steel	Trivalent chromate

■ Cover and Base are covered with a protective film on one side.

DRB dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

APPLICATION EXAMPLE



Power supply unit



Communication device

Product no. / Details

Product no.	External dimensions			Internal dimensions			Weight (g)
	W	H	D	w	h	d	
DRB12- 5- 8	120	50	80	104	45.5	64	220.5
DRB12- 7- 8	120	70	80	104	65.5	64	253
DRB12-10- 8	120	100	80	104	95.5	64	301
DRB15- 5-10	150	50	100	134	45.5	84	285.5
DRB15- 7-10	150	70	100	134	65.5	84	326
DRB15-10-10	150	100	100	134	95.5	84	386.5

Accessories (Optional parts)



DIN Rail FDR series
See page 100



Adhesive standoff AST series
See page 394



Economical DIN Rail end stopper
DRS series
See page 99



DIN Rail terminal block end stopper
TKR series
See page 99



- Simple designed box with 10° angle of inclination for operational ease.
- Both the Slide or Screwed panel side can be utilized as a front panel.
- Rubber feet can be attached in any position based on your design requirements.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Side plate	2	ABS UL94V-0	Black • Gray
2	Front frame	1	Extruded aluminium A6063S-T5	Black • Silver / Anodized with clear coating
3	Rear frame	1	Extruded aluminium A6063S-T5	Black • Silver / Anodized with clear coating
4	Slide panel	1	Aluminium A1100P t=1.5	Black / Painted • Silver / Anodized
5	Screwed panel	1	Aluminium A1100P t=1.5	Black / Painted • Silver / Anodized
6	Screw	12	Steel	Black trivalent chromate • Nickel plated
7	Rubber feet	4	Rubber	Black

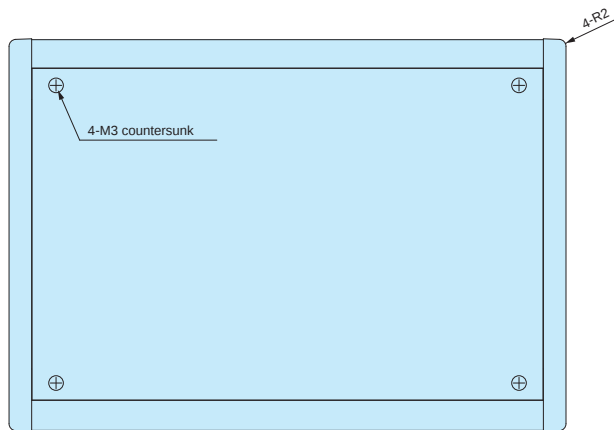
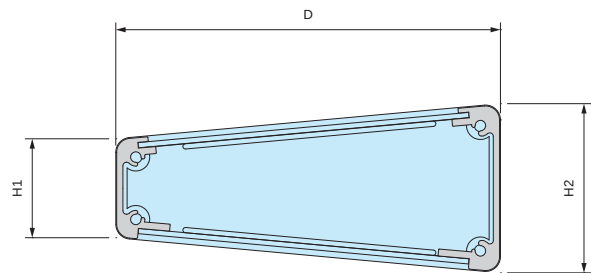
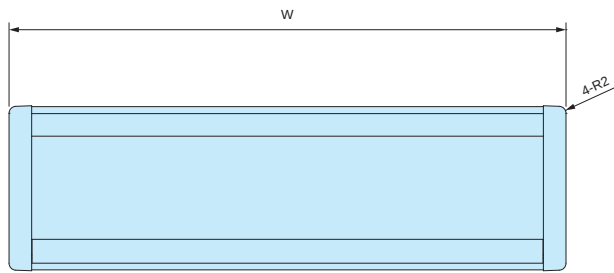
■ Please peel off the protection sheet cover on both panels before application.

- Low-cost digital printed overlay customization is available with a short lead time. Refer to page Custom 11 ~ 12 for more details.



CF dimensions

■ Drawings below are reference examples only.
DXF/DWG/PDF/STP drawings available on our website.



Included screws

CF□- 11 models

M3-5 slotted raised countersunk - Black trivalent chromate x 4 pcs

M3-5 slotted raised countersunk - Nickel plated x 4 pcs

M3-10 countersunk - Black trivalent chromate x 8 pcs

CF□- 18, CF□- 23, and CF□- 28 models

M3-5 slotted raised countersunk - Black trivalent chromate x 4 pcs

M3-5 slotted raised countersunk - Nickel plated x 4 pcs

M4-12 countersunk - Black trivalent chromate x 8 pcs

Product no. / Details

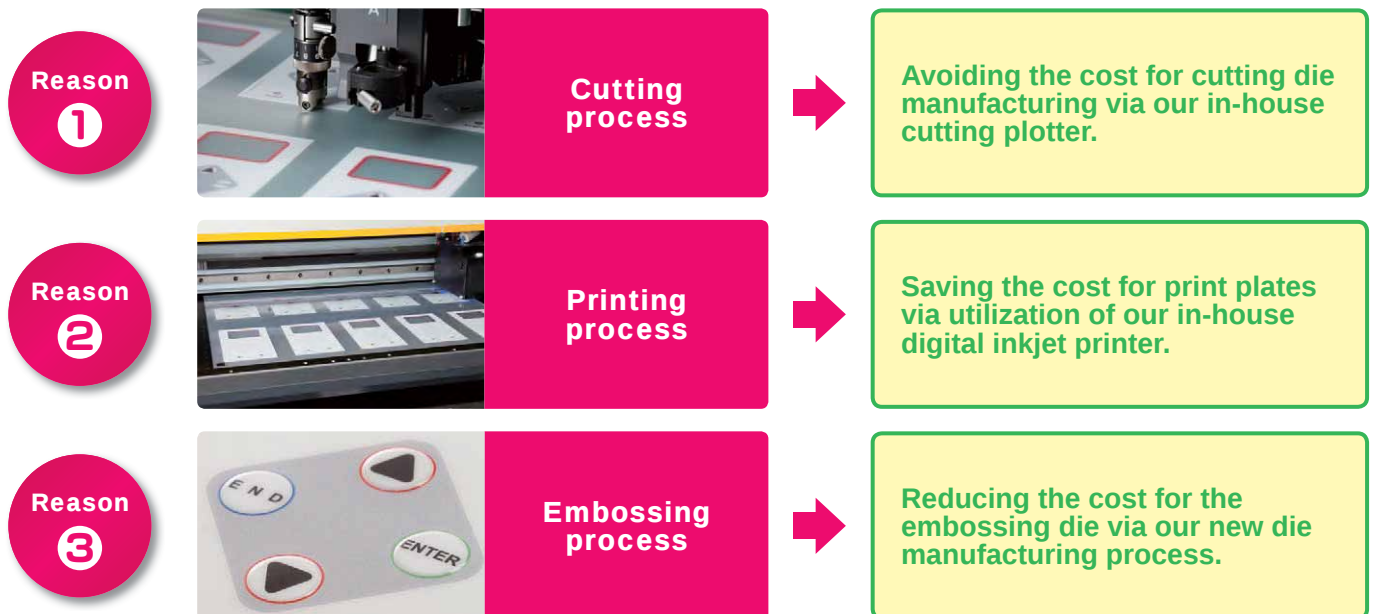
Product no.		W	H1	H2	D	Weight (kg)
● Black	● Gray/Silver					
CF 7-11BB	CF 7-11GS	70	28.4	48.6	110.5	0.15
CF11-11BB	CF11-11GS	110	28.4	48.6	110.5	0.21
CF16-11BB	CF16-11GS	160	28.4	48.6	110.5	0.29
CF22-11BB	CF22-11GS	220	28.4	48.6	110.5	0.38
CF28-11BB	CF28-11GS	280	28.4	48.6	110.5	0.47
CF12-18BB	CF12-18GS	120	32.4	66.7	180.5	0.38
CF18-18BB	CF18-18GS	180	32.4	66.7	180.5	0.53
CF27-18BB	CF27-18GS	270	32.4	66.7	180.5	0.76
CF35-18BB	CF35-18GS	350	32.4	66.7	180.5	0.97
CF43-18BB	CF43-18GS	430	32.4	66.7	180.5	1.17
CF15-23BB	CF15-23GS	150	39.8	80	230	0.52
CF21-23BB	CF21-23GS	210	39.8	80	230	0.7
CF27-23BB	CF27-23GS	270	39.8	80	230	0.88
CF36-23BB	CF36-23GS	360	39.8	80	230	1.14
CF45-23BB	CF45-23GS	450	39.8	80	230	1.41
CF21-28BB	CF21-28GS	210	50	99	280	0.93
CF28-28BB	CF28-28GS	280	50	99	280	1.17
CF36-28BB	CF36-28GS	360	50	99	280	1.46
CF45-28BB	CF45-28GS	450	50	99	280	1.77

*H1, H2 dimensions are intersection-to-intersection on the drawing.
Refer to the CAD file or actual product for detailed dimensions.

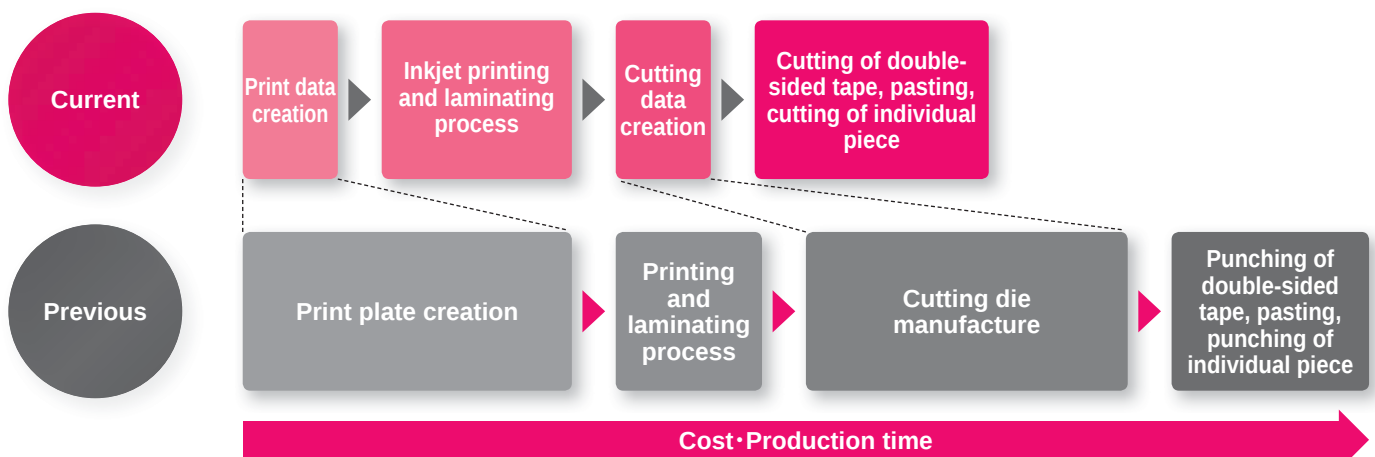
DIGITAL PRINTED OVERLAY



● 3 reasons for low initial costs



● Comparison of current and previous manufacturing methods



PRODUCTION PROCESS



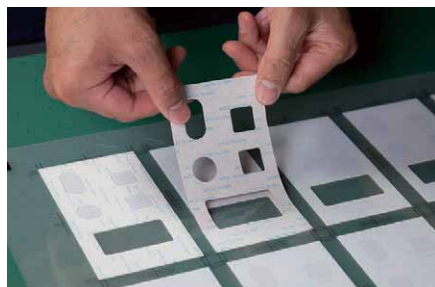
1. Inkjet printing on film



2. Laminating



3. Cutting double-sided tape



4. Sticking double-sided tape on printed film



5. Cutting the sheet to size



6. Embossing



7. Machining on enclosure



8. Sticking overlay sheet onto enclosure



9. Complete

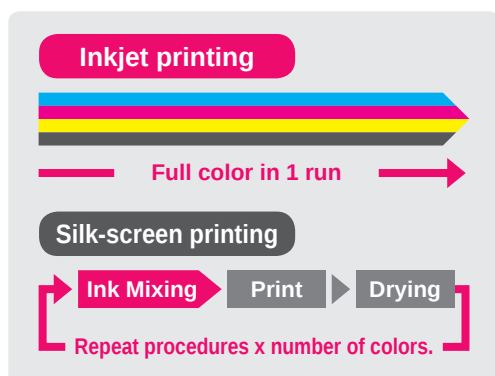
CUSTOMIZATION EXAMPLE



INKJET PRINTING



Full color digitally designed image
can be printed in 1 run.
No cost difference regardless of the
number of colors used.



Low printing cost
Full color print possible
in small quantities

Inkjet printing	1 run only for full color print			
Printing cost Full color				
Silk-screen printing	Printing cost x number of colors			
Printing cost Color 1	Printing cost Color 2	Printing cost Color 3	Printing cost Color 4	

High quality printing of photo image and color gradation.

Print photo images in maximum 1,800 x 1,800 dpi quality.

Pictures, logos and unique designs with color gradation can be recreated in a high quality print.



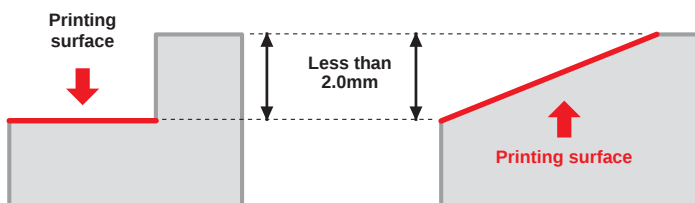
Maximum printable enclosure size



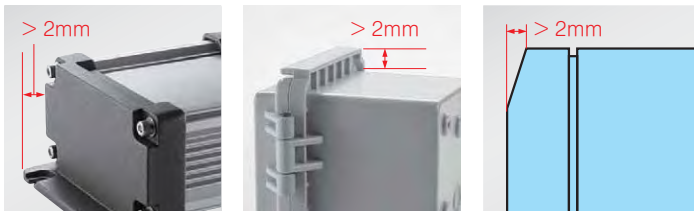
Printable on surfaces with height differential

Printing is possible on recessed, sloped and rounded sections.

Gap difference is less than 2.0mm.



*Not suitable if height difference is more than 2.0mm.



Printed example

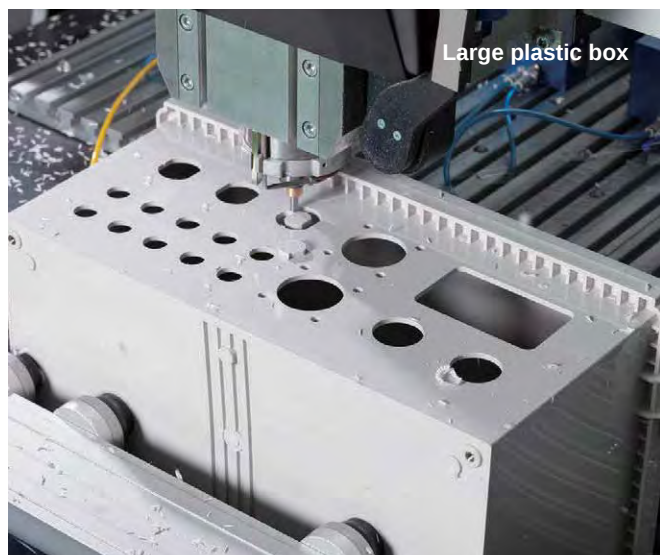


CNC MACHINING

CNC milling is a form of computer controlled machining. Similar in operation to drilling and cutting, it is able to create various hole styles and shapes by using a rotating cutting tool to bore into the object.

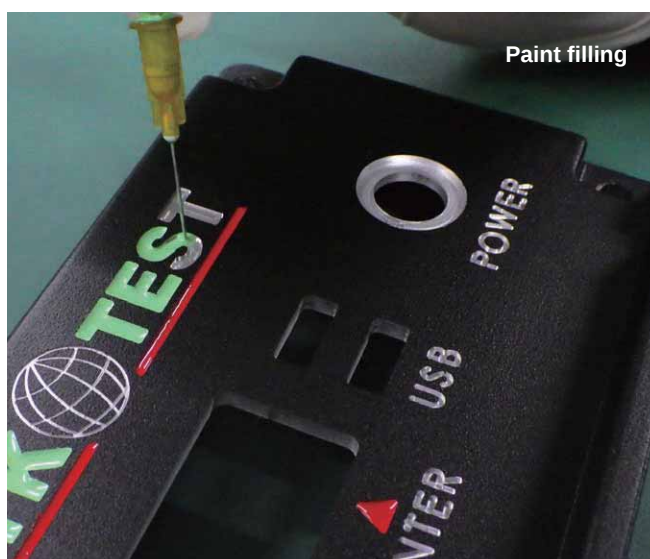
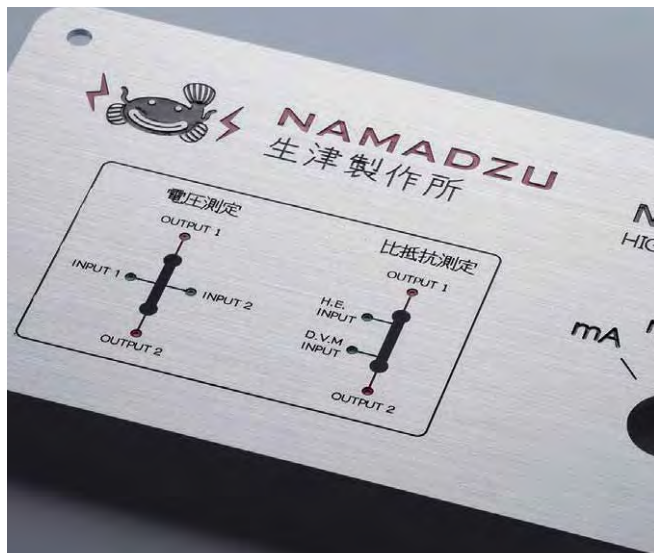


- Mainly used for plastic, aluminium die-cast, and aluminium extrusion material types.
- Able to perform milling for various shapes and sizes.
- Recommended for small quantity customization.



ENGRAVING

By having the drill-head slightly milling the surface, the engraving of fine text or complex designs is able to be performed on a variety of surfaces, be it flat, curved, and so on. Suitable for small batch print, and/or simple lettering. Font shall be similar to VAG Rounded font type.



LASER CUTTING

Laser cutting utilizes a laser to perform cutting on an object, allowing various types and shapes of holes to be cut.

New fiber laser machine allows the processing of aluminium sheets with both high precision and speed. Processing of Pure Aluminium 1050 is also possible with minimal burr as compared to conventional CO² laser machines, which causes excessive burring.

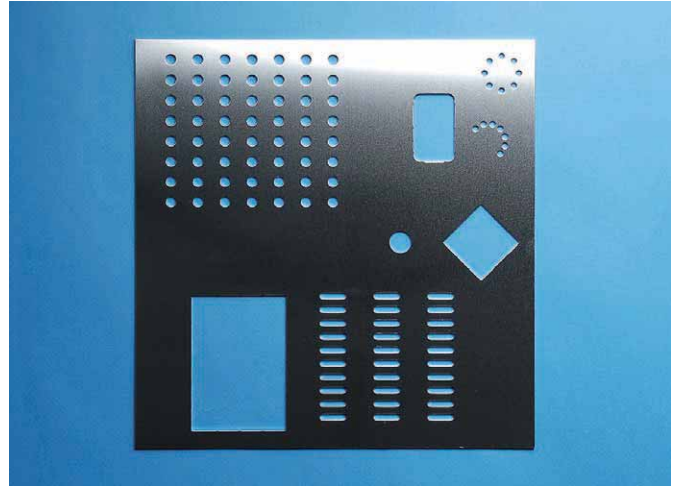
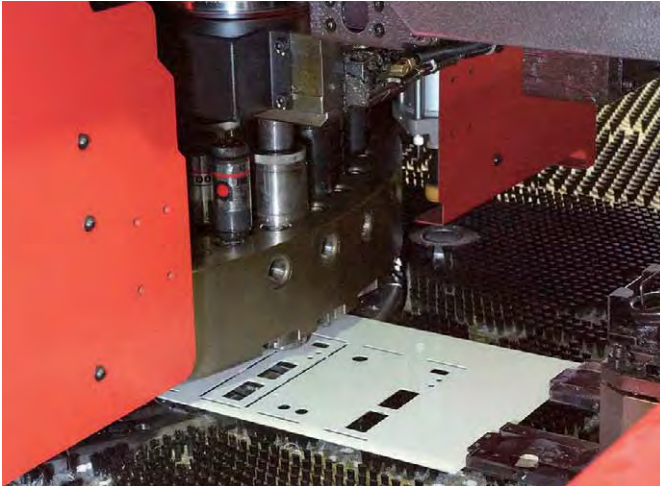


PUNCHING PRESS

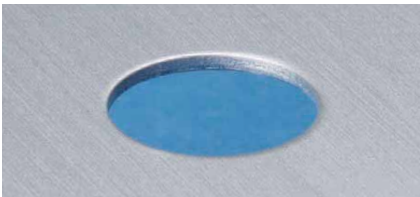
What is punching press? It is a type of machine press used to cut holes in material via the use of various sized die sets.

Punching press allows the realization of high cost performance due to its high speed automated turret punching process, which significantly reduces machining lead-time.

Due to its ability to create designated sized holes by means of rapid multiple hole punches, this enables it to punch holes of various sizes and types quickly and efficiently.

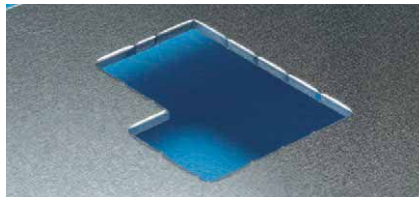


Circular hole



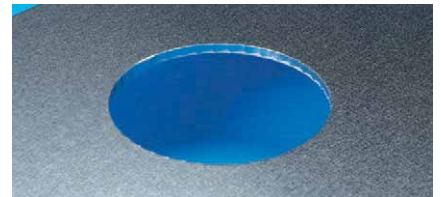
Circular holes as small as 1.0mm in diameter can be punched.

Nibbling press (rectangle)



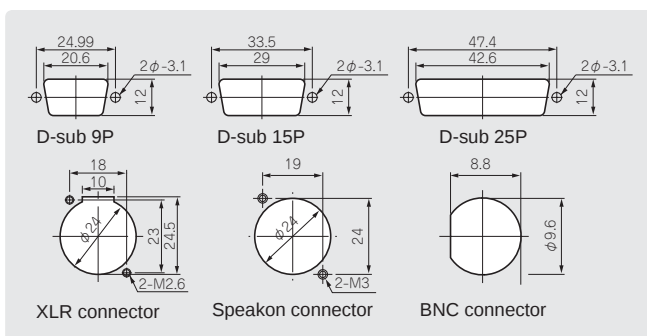
Complex or large rectangular shapes can be punched out with multiple presses.

Nibbling press (round)

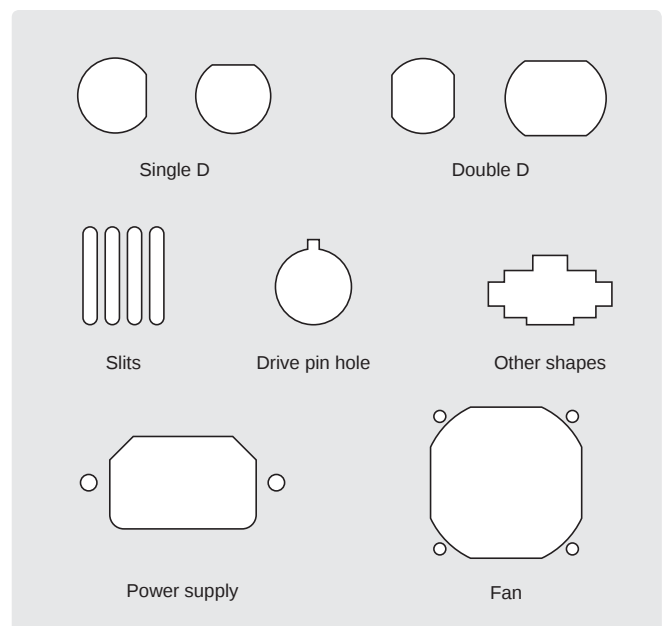


Punching of large circular holes with multiple smaller die strokes.

Common connector shapes



Unique shapes



Burring punch



Increasing surface area on a thin metallic sheet for screw threads to bore into.

