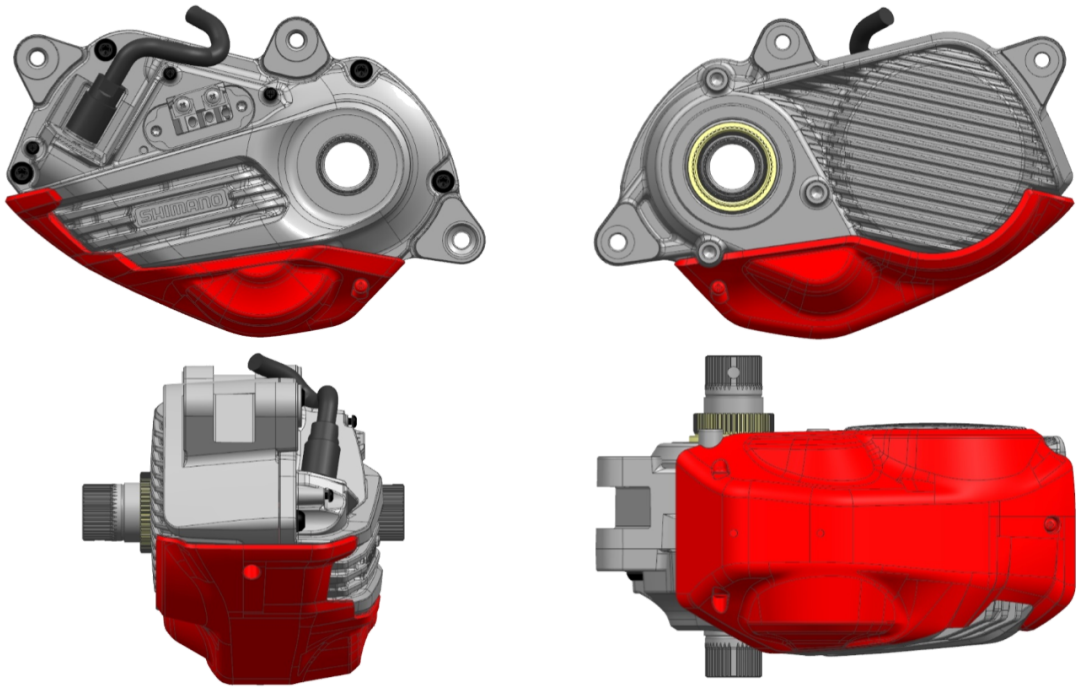
Notice for custom cover

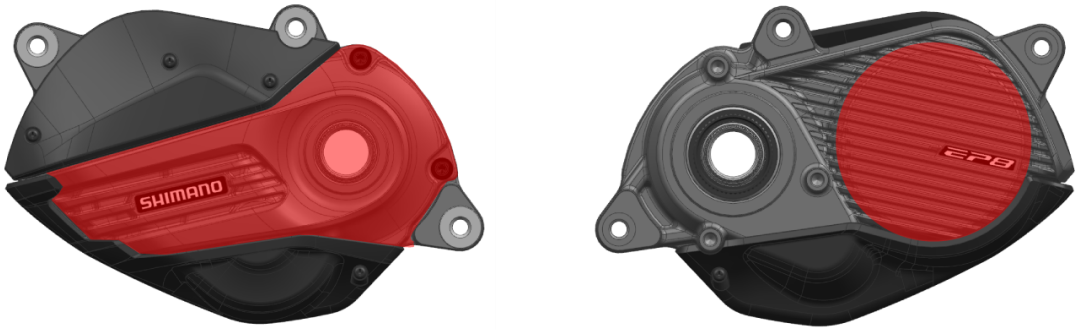
- Please cover the bottom side to prevent from damage to DU casing (red-covered area)

* This figure is equipped with SHIMANO original cover (DC-EP800-G) for reference.

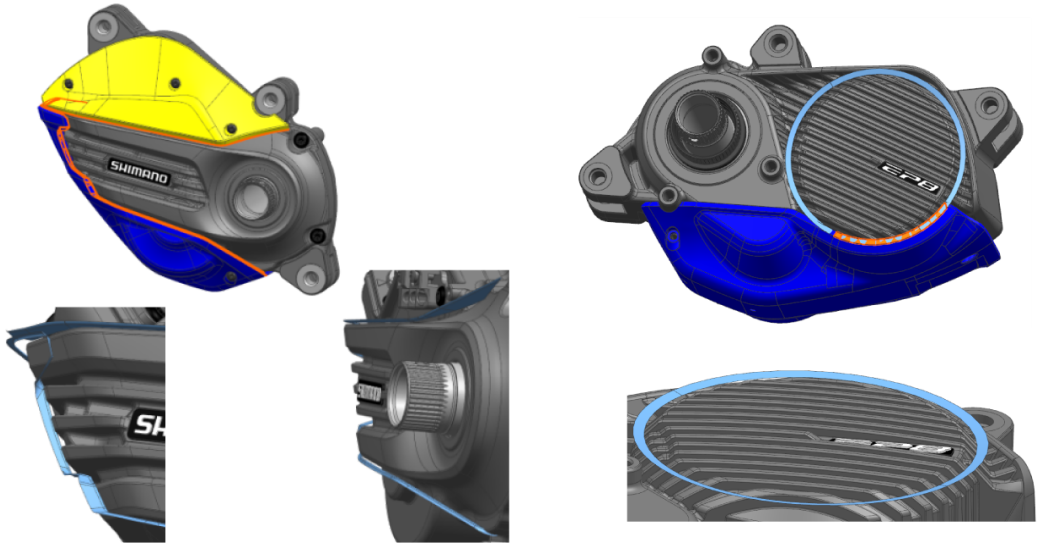
- Refer to the latest version at 3D Images.



Don’t cover below red area.

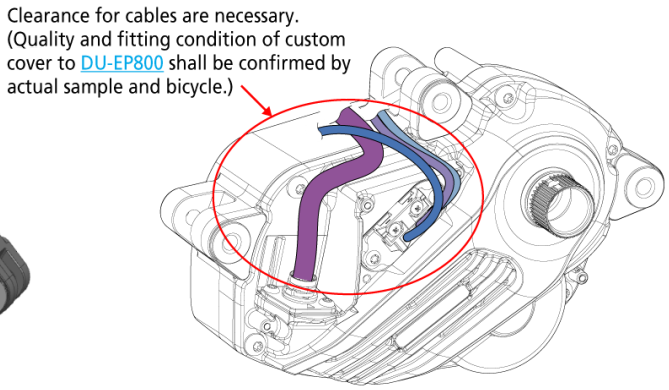


Reference data for designing boundary shapes between your custom cover and Drive unit.
Refer to the latest version at 3D Images.



The space for electric wires

Please make your custom cover with same clearance of COVER A/B (yellow cover) to keep space for electric cables.

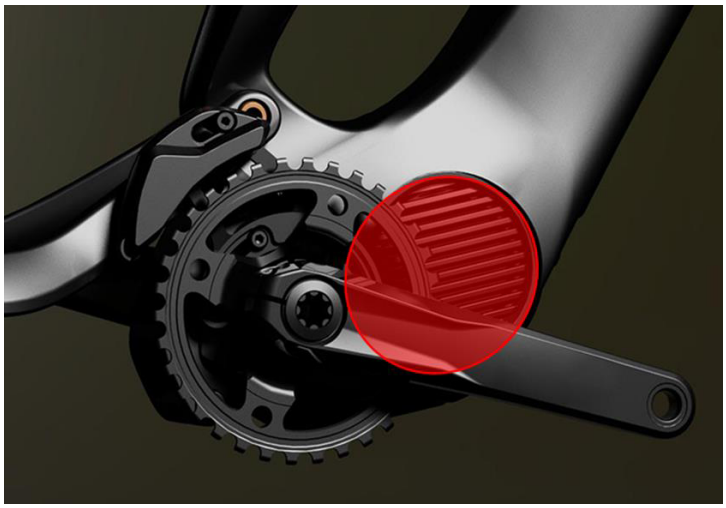


E8000 / E8080 series C-593

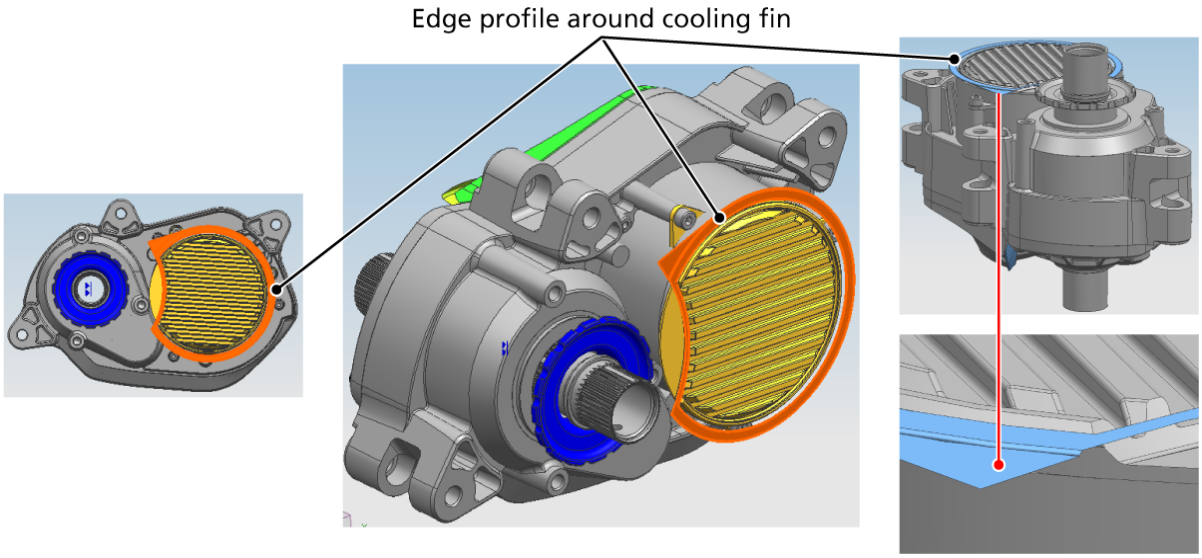
- Please refer to both 3D data and requirements in this Technical information to prepare custom cover for DU-E8000/DU-E8080
- Quality and fitting condition of custom cover to DU-E8000/DU-E8080 shall be confirmed by actual sample and bicycle
- After service of custom cover shall be arranged by customer
- SHIMANO logo and SHIMANO's trademark (e.g. Deore XT) and SHIMANO model number (e.g. E8000) should not be included on the custom cover
- In order to keep original performance and design concept, please be aware of following points
  - Not to cover cooling fin area for heat dissipation on right side
  - Crank interference and SHIMANO icon area on left cover
  - Keep the space for cable routing on left cover

Heat Dissipation Purpose

Please do not cover below red area.

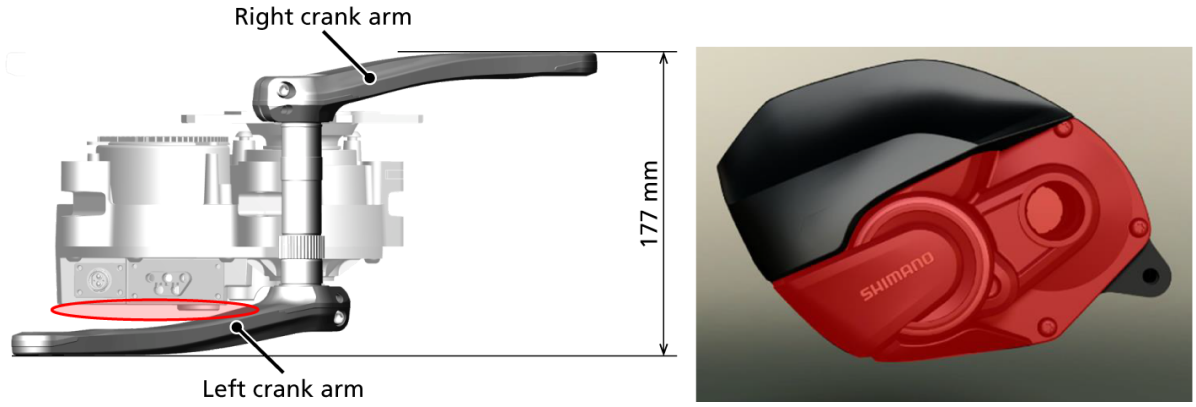


Please include the edge profile around cooling fin onto your custom cover.
Refer to the latest version at 3D Images.



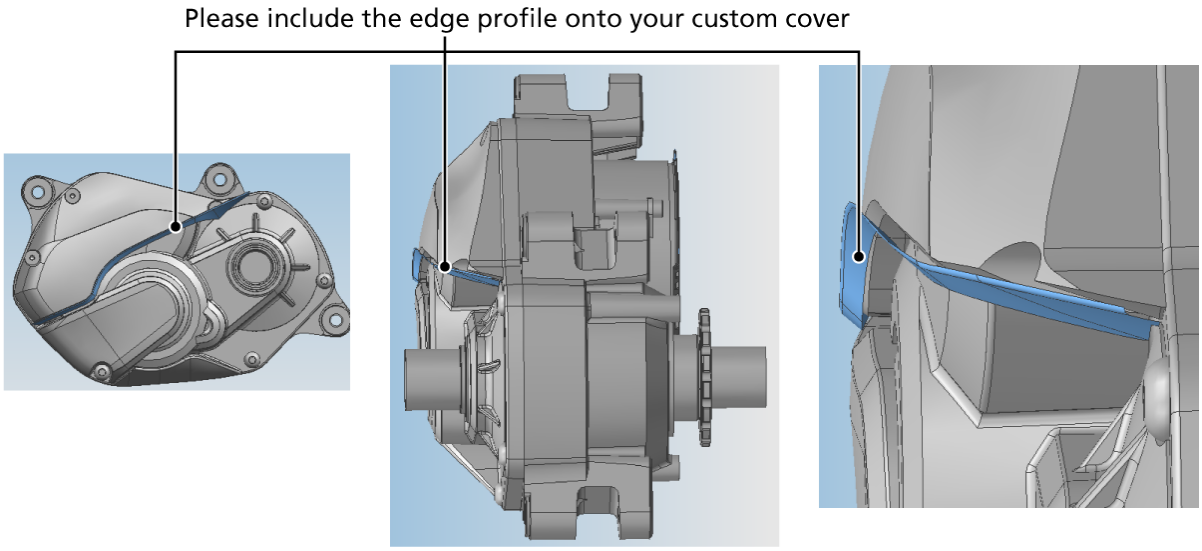
Narrower Q Factor

Please do not cover below red area.



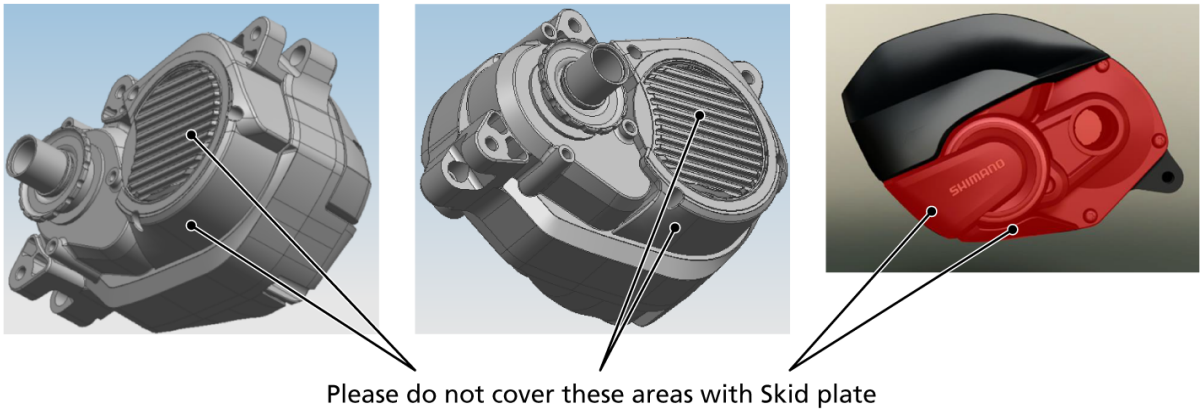
Left cover icon area

Refer to the latest version at 3D Images.



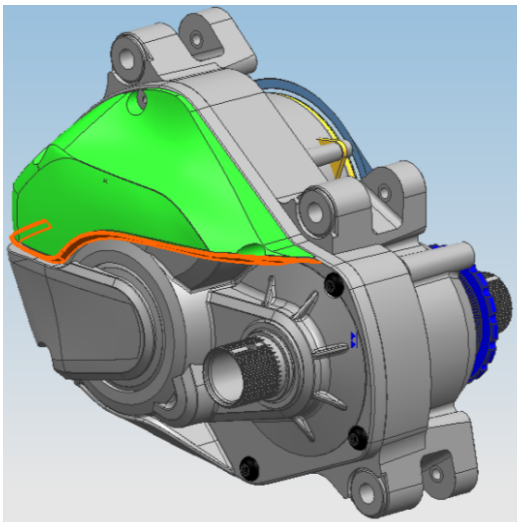
Skid plate restricted area

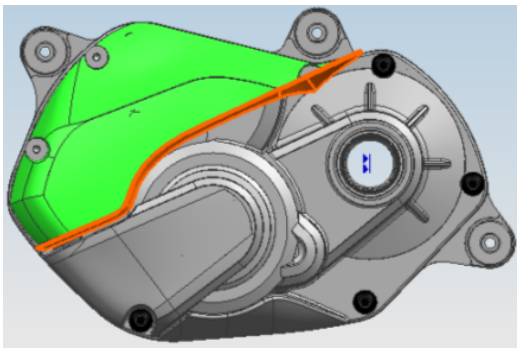
SHIMANO does not provide other additional cover (skid plate.)
If you design skid plate, please consider to make mounting threads on your frame to fix skid plate.



The space for cable routing

Green shape shows the inner surface of Cover A.
Please make your custom cover with clearance of this profile to keep space for cable routing.



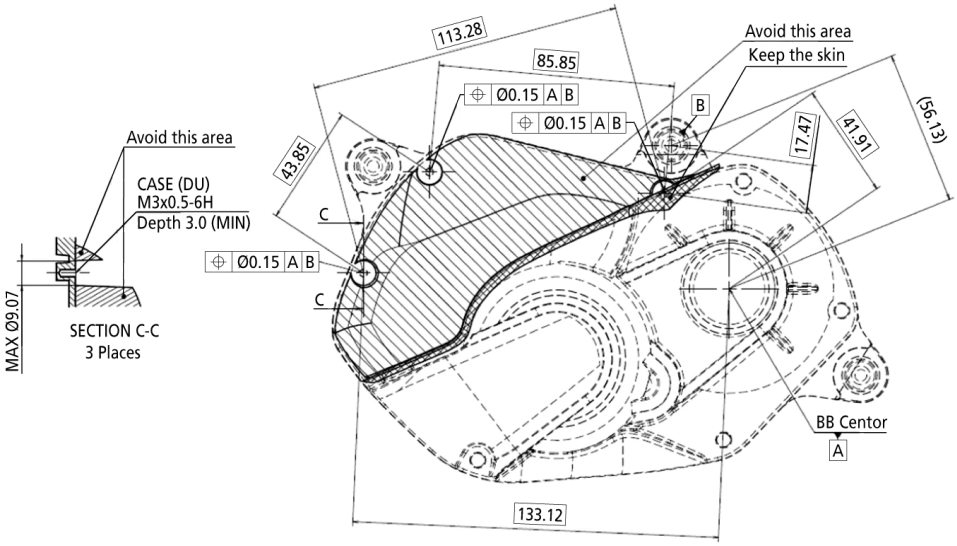


Clearance for cable routing is necessary.(Quality and fitting condition of custom cover to DU-E8000/DU-E8080 shall be confirmed by actual sample and bicycle.)

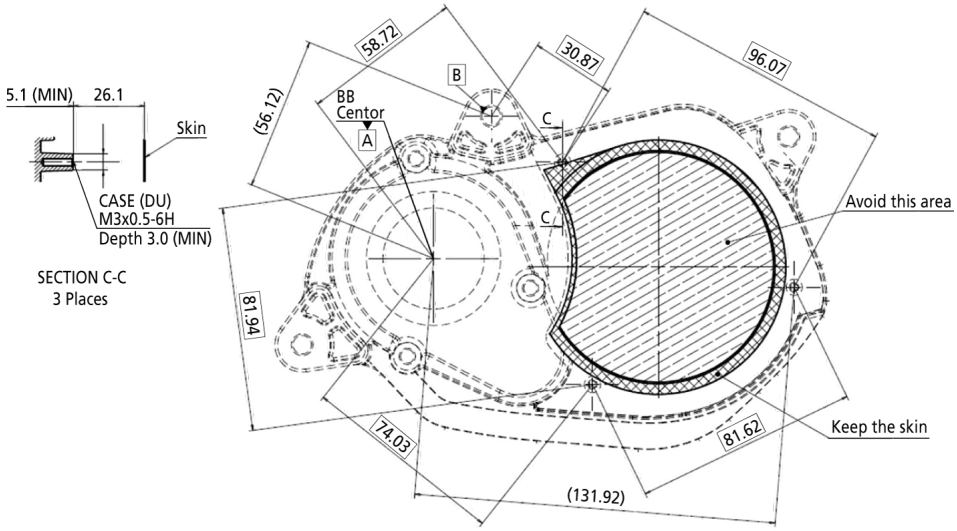
Cover fixing bolt position

- DU-E8000/DU-E8080 (w/o cover) does not include fixing bolts for cover
- Fixing bolts for cover shall be prepared by OEM

M3x0.5 3pcs cover bolts dimensions on left side



M3x0.5 3pcs cover bolts dimensions on right side

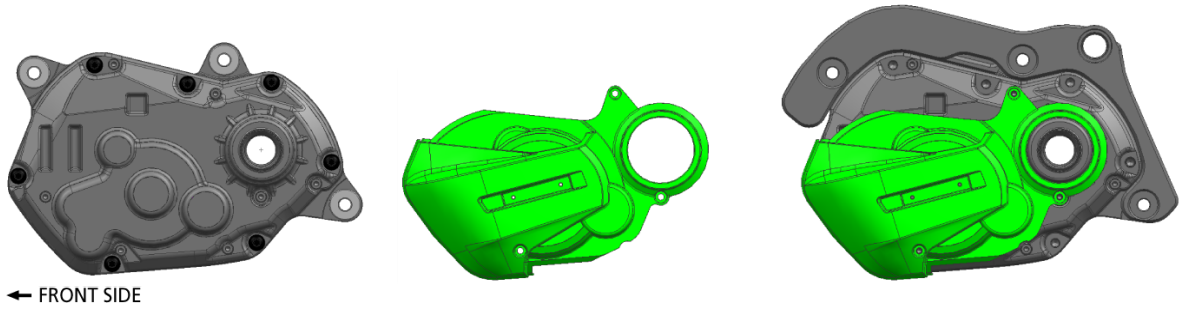


E7000 series C-594

Please prepare the custom cover mounting bolts at your side: M3 x 0.5 - 6g

SM-DUE70-C

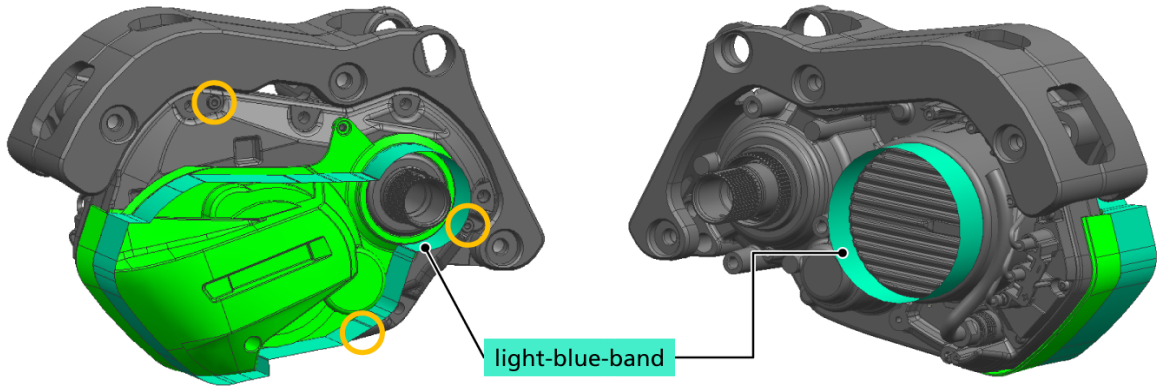
Left side



Right side

Right side cover should be designed by your side. Please refer to original right side cover 3D data.

Notice for custom cover



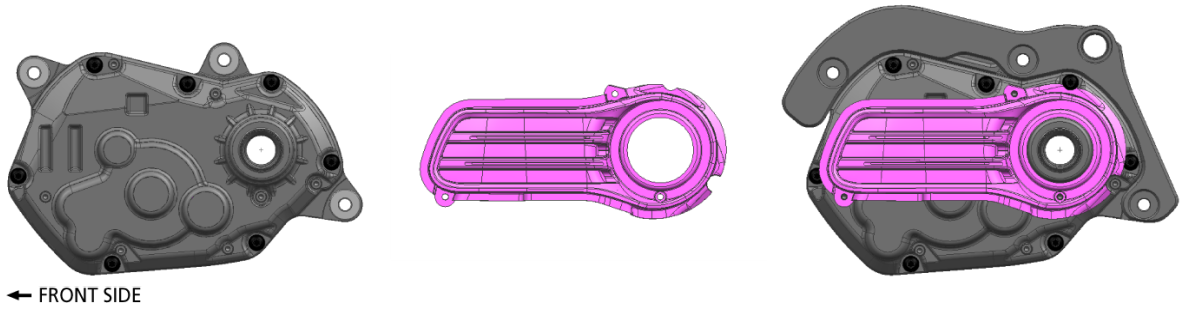
- Don’t overlap the inside of light-blue-band area
- The light-blue-band is recommended target for the edge of your cover to connect smoothly. This light-blue-band is available in 3D data
- For left side, you can use some of threads by yellow circle (maximum 6 threads.)

E6100 / E6180 series C-595

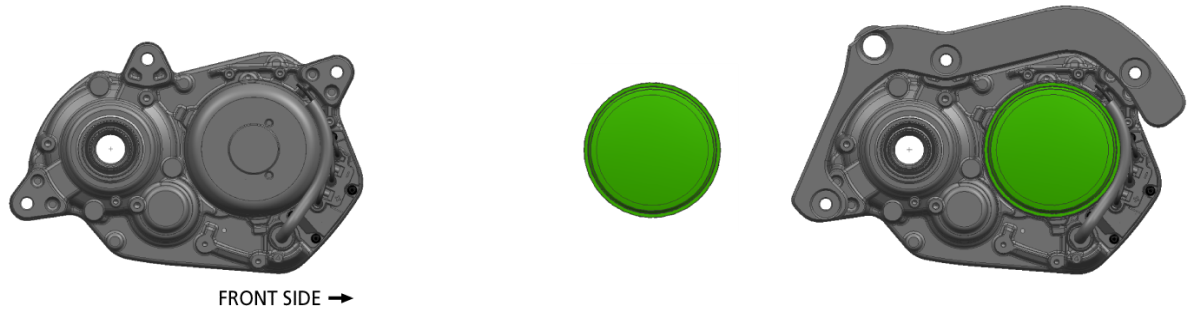
Please prepare the custom cover mounting bolts at your side: M3 x 0.5 - 6g

SM-DUE61-TC (for Trekking)

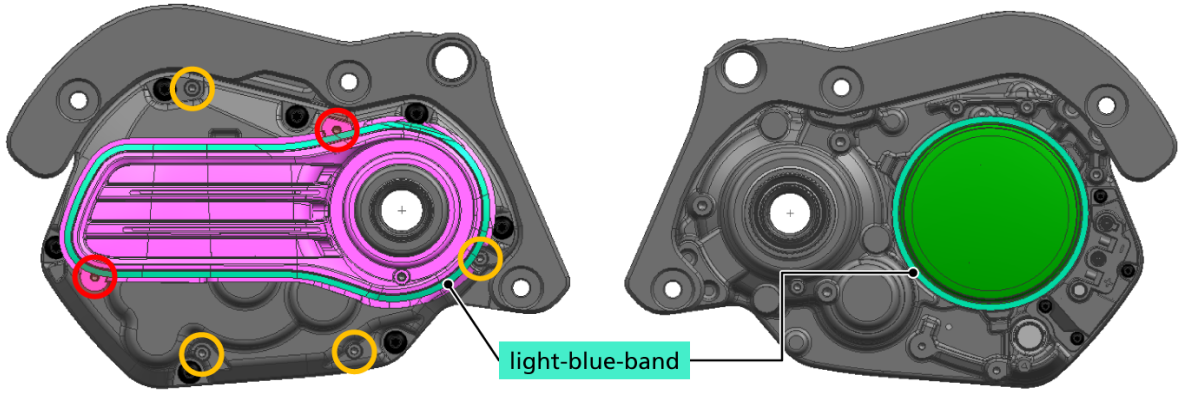
Left side



Right side



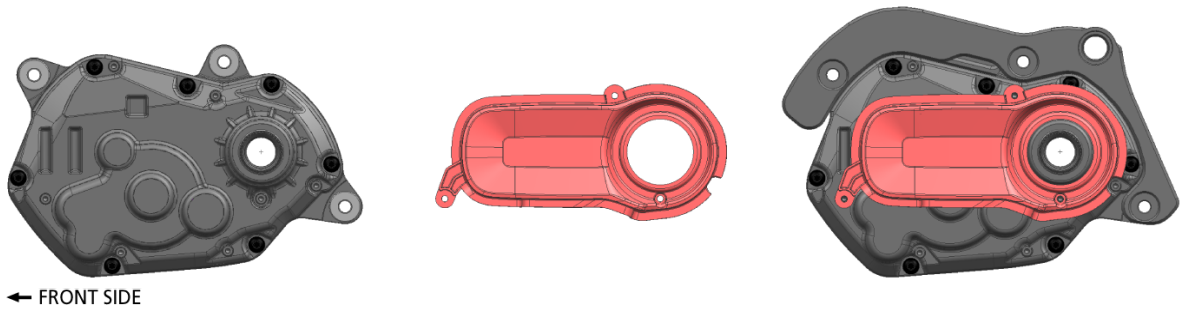
Notice for custom cover



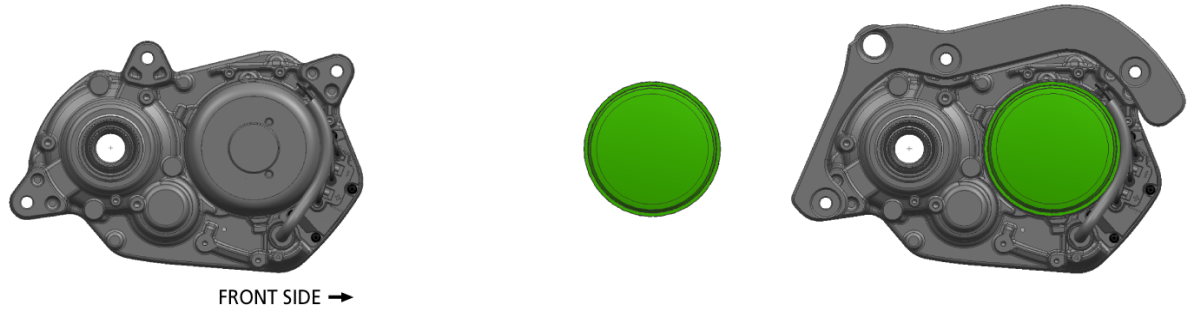
- Don’t overlap the inside of light-blue-band area
- The light-blue-band is recommended target for the edge of your cover to connect smoothly. This light-blue-band is available in 3D data
- For left side, you can use some of threads by yellow circle (maximum 6 threads.)
- In case using the thread by red circle, longer bolt is required

SM-DUE61-CC (for URBAN)

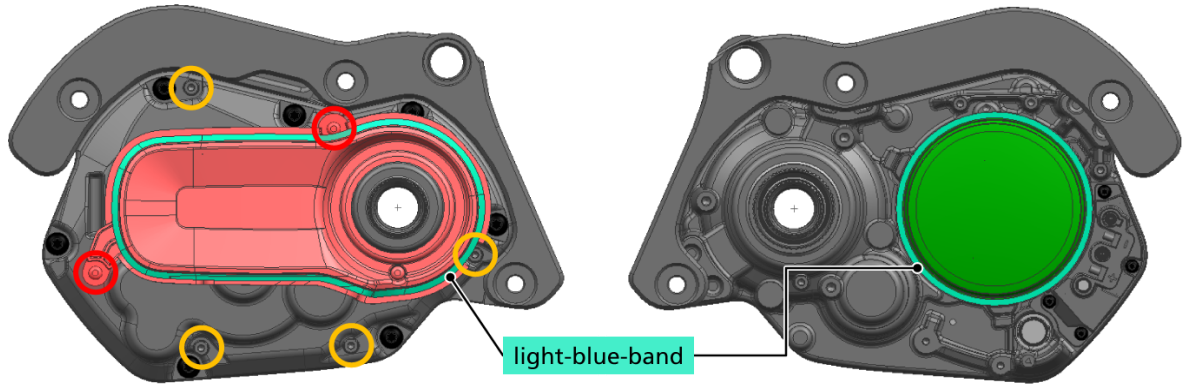
Left side



Right side



Notice for custom cover



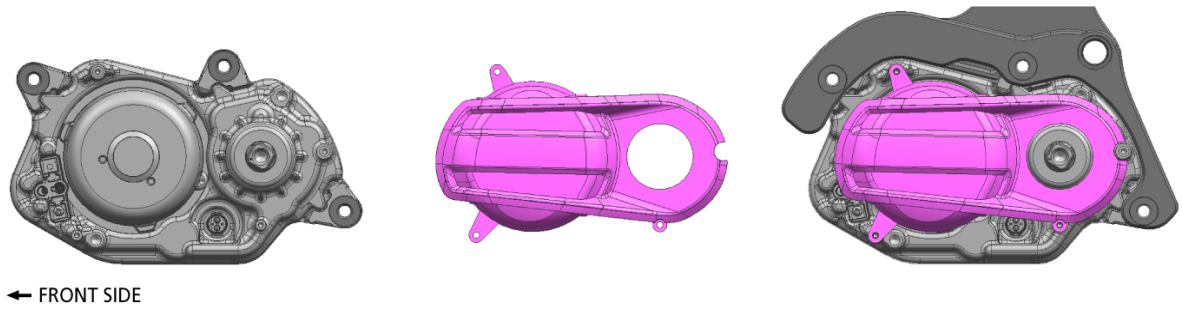
- Don’t overlap the inside of light-blue-band area
- The light-blue-band is recommended target for the edge of your cover to connect smoothly. This light-blue-band is available in 3D data
- For left side, you can use some of threads by yellow circle (maximum 6 threads.)
- In case using the thread by red circle, longer bolt is required

E5000 / E5080 series C-596

Please prepare the custom cover mounting bolts at your side: M3 x 0.5 - 6g

SM-DUE50-TC (for Trekking)

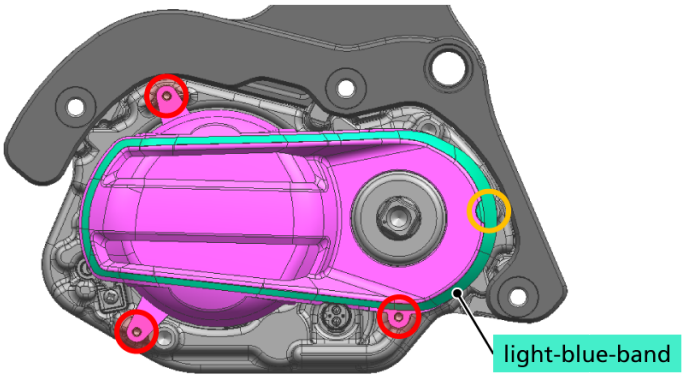
Left side



Right side

Right side cover should be designed by your side. Please refer to original right side cover 3D data.

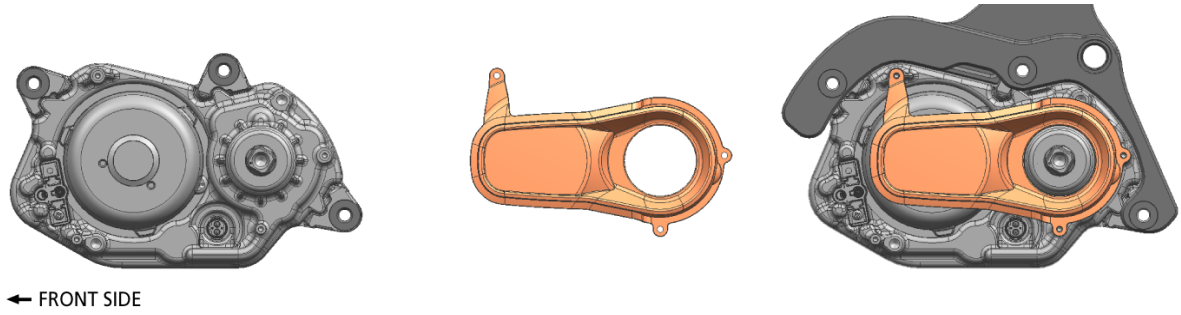
Notice for custom cover



- Don’t overlap the inside of light-blue-band area
- The light-blue-band is recommended target for the edge of your cover to connect smoothly. This light-blue-band is available in 3D data
- For left side, you can use some of threads by yellow circle (maximum 6 threads.)
- In case using the thread by red circle, longer bolt is required

SM-DUE50-CC (for URBAN)

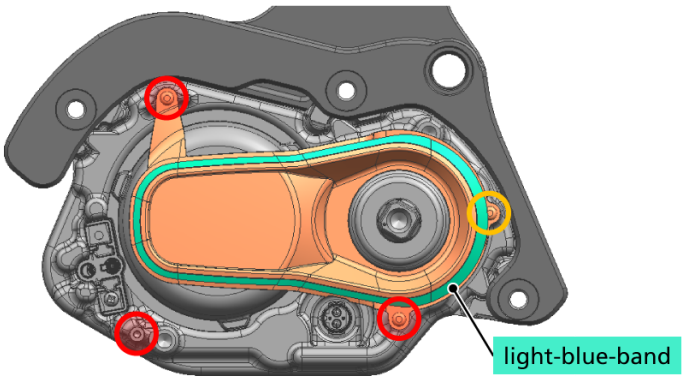
Left side



Right side

Right side cover should be designed by your side. Please refer to original right side cover 3D data.

Notice for custom cover



- Don’t overlap the inside of light-blue-band area
- The light-blue-band is recommended target for the edge of your cover to connect smoothly. This light-blue-band is available in 3D data
- For left side, you can use some of threads by yellow circle (maximum 6 threads.)
- In case using the thread by red circle, longer bolt is required

Speed sensor dimensions

C-397

EW-SD300 compatible type

EW-SS301

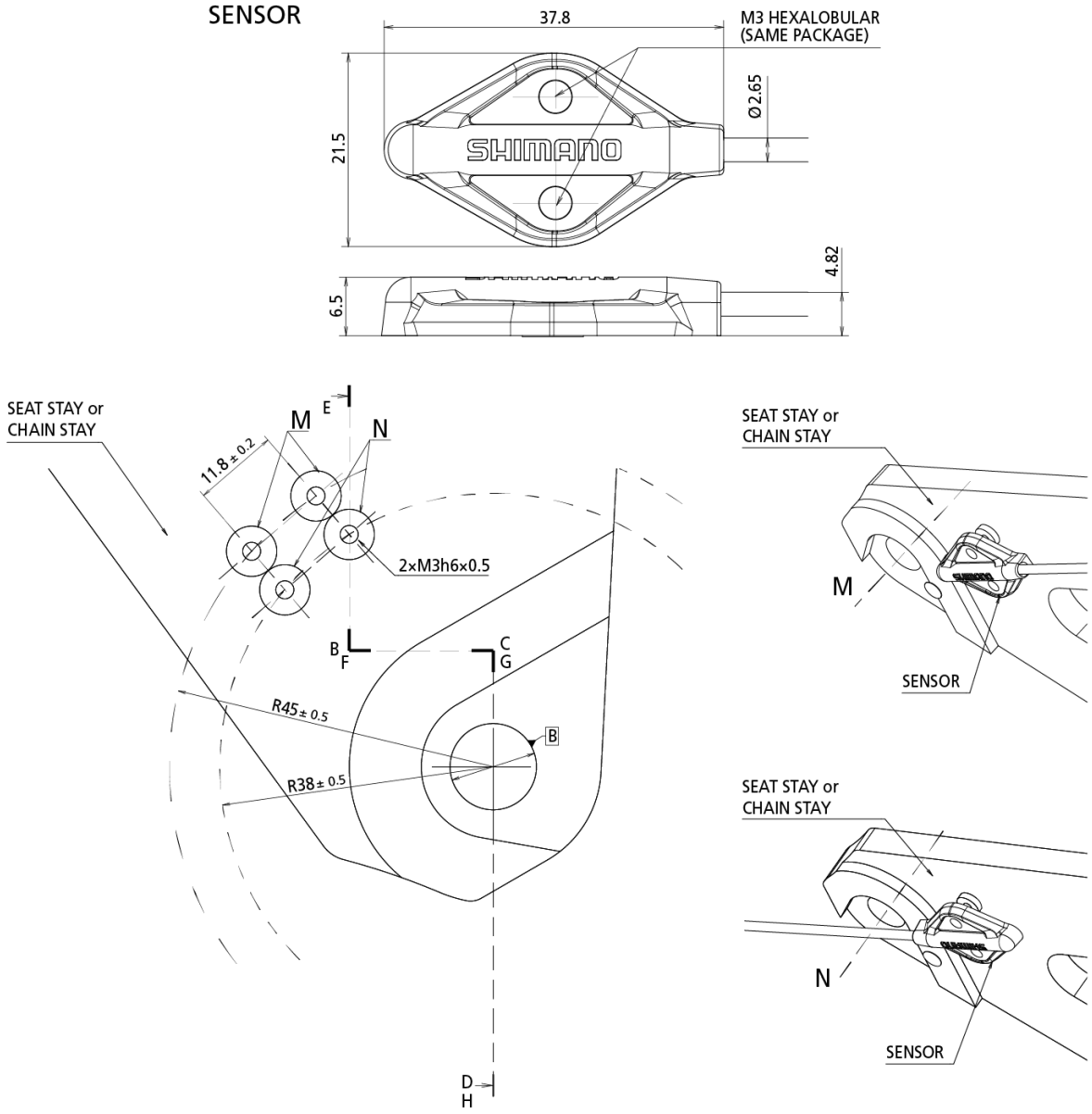
TBD

EW-SS300

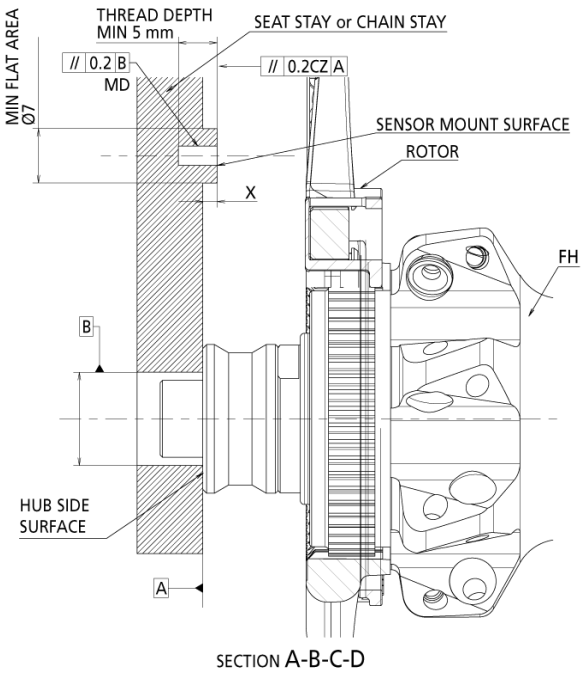
TBD

EW-SD50 compatible type

SM-DUE11

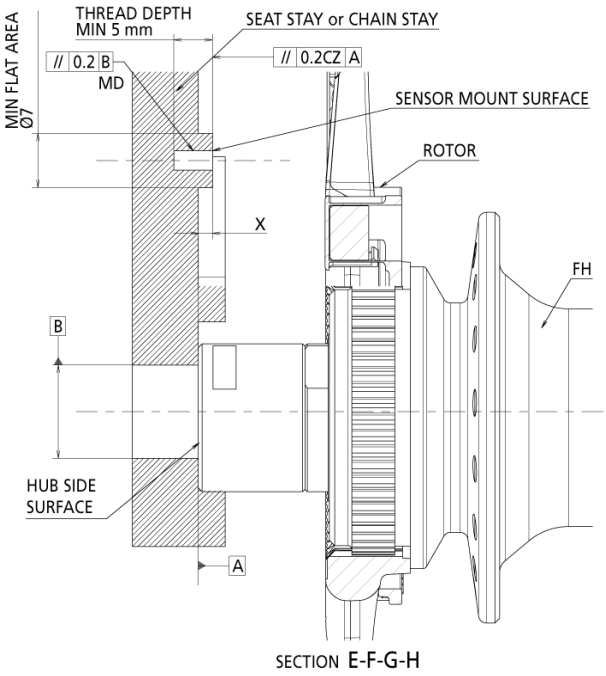


QR



SECTION A-B-C-D

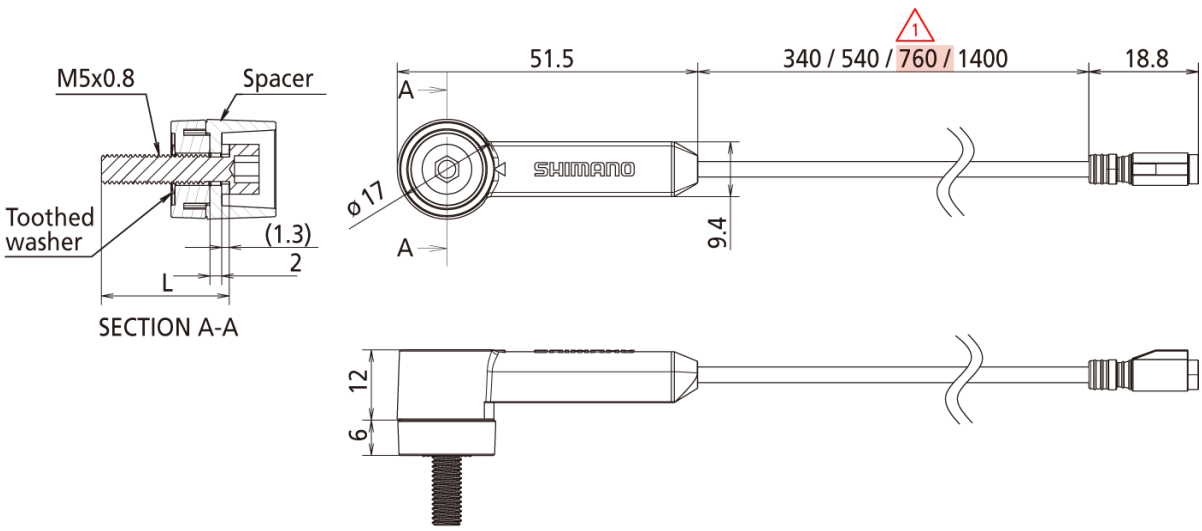
E-THRU



SECTION E-F-G-H

	QR	E-THRU
X	-2.35 - 4	1.15 - 7.5

SM-DUE10

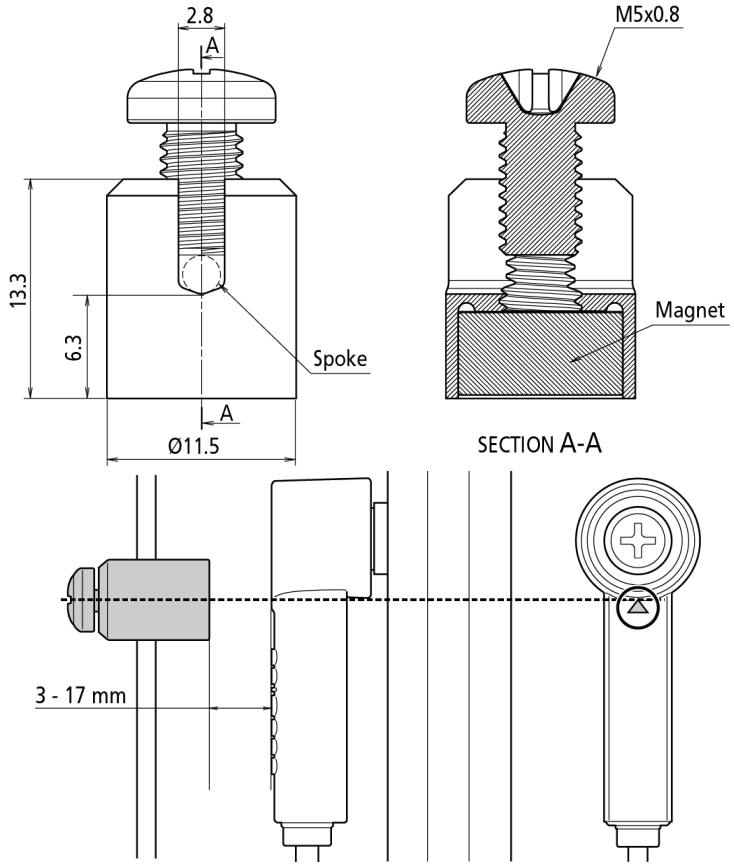


	Fixing bolt length L (mm)
Without spacer spec.	16
With spacer spec.	22

Magnet for speed sensor

C-398

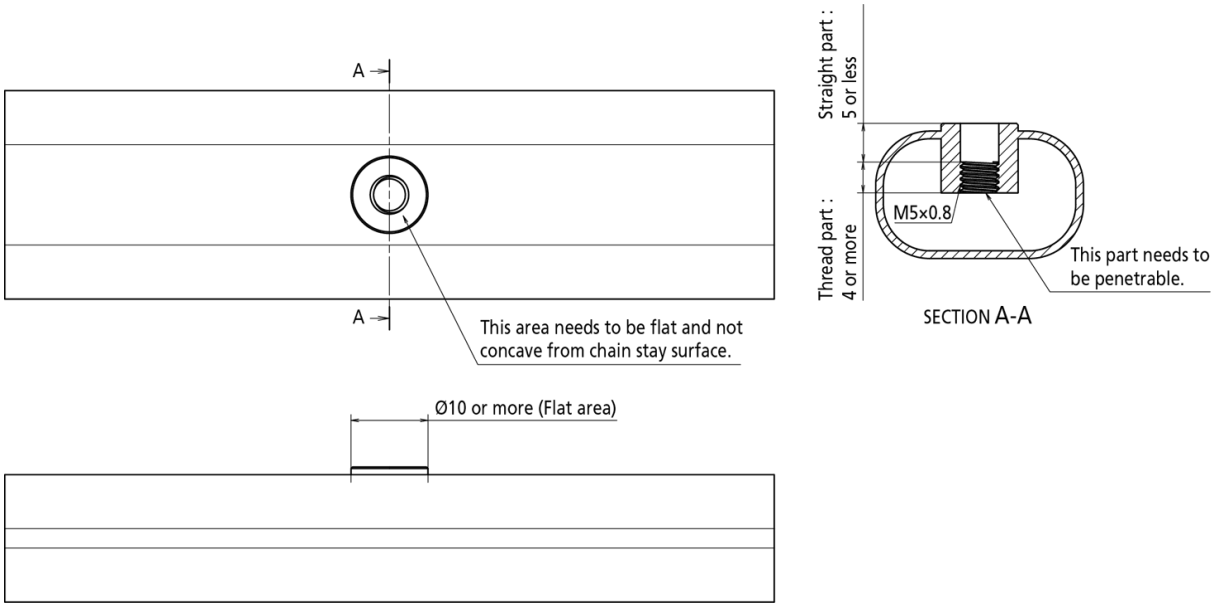
EW-SS300 / SM-DUE10



Frame requirement for chainstay

C-399

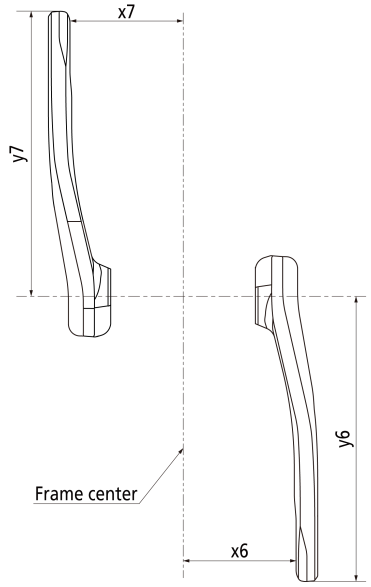
Distance between speed sensor and magnet should be 3-17 mm
"Our expected tightening torque for this speed sensor is 1.5-2.0Nm. Design frame based on it"



Crank arm Dimensions C-401

Design the frame while referring to these dimensions to ensure no interference.

14 Drive unit and Crank arms C-633



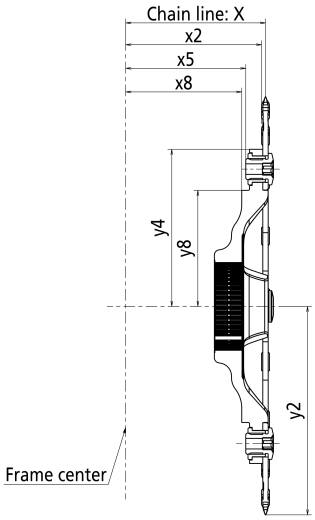
Drive unit	Crank arm	x6	x7	y6	y7
DU-EP800	FC-M8150	72.6	73.3	191.9	191.9
	FC-EM900	72.6	73.3	191.9	191.9
	FC-EM600	72.6	73.3	192.5	192.5

(mm)

14 Chainrings (w/o CG) C-568

14 Dimension “X” is based on case of chain line: 50/53/56.5 mm

14



14 16

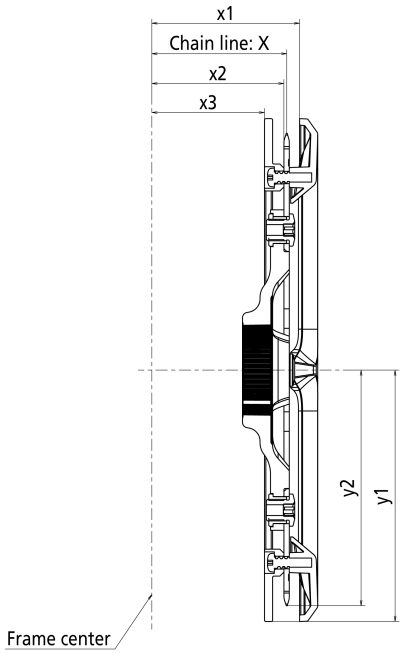
Chainring	T	Chain line	x2	x5	x8	y2	y4	y8
SM-CRE70	38	50	47.5	41.0	-	79.8	59.7	-
SM-CRE70-B	34	53	50.5	44.0	43.3	71.7		44.2
SM-CRE70-12-B	36					76.2		
SM-CRE80	34	50	46.8	41.0	-	71.7		-
	38					79.8		
SM-CRE80-B	34	53	49.8	44.0	43.3	71.7		44.2
	38					79.8		
SM-CRE80-12-B	34					71.7		
	36					76.2		
	38					79.8		
SM-CRE80-R	47	50	47.4	40.9	-	98.2		-
SM-CRE80-12-SB	34	56.5	53.2	47.4		71.7		
	36					77.2		

(mm)

14 Chainrings (w/ double CG) C-569

Dimension “X” is based on case of chain line: 50 mm

14



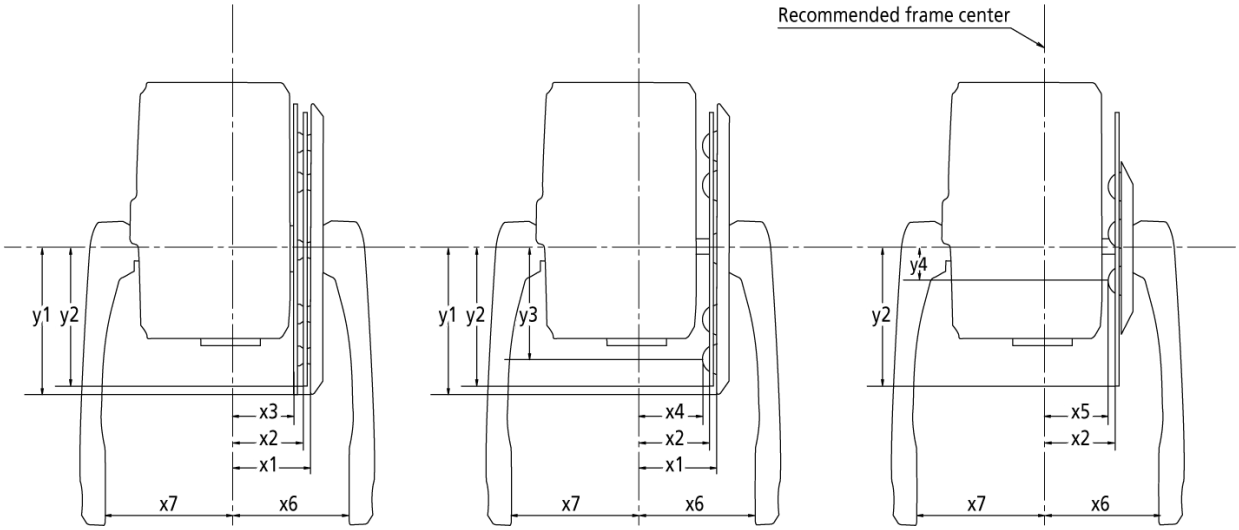
14 16

Chainring	T	Chain line	x1	x2	x3	y1	y2
SM-CRE70	38	50	52.8	47.5	39.9	85.1	79.8
SM-CRE70-12	42		52.6	47.5	39.6	93.6	88.3
SM-CRE80	44		52.5	47.3	40.1	97.3	91.9

(mm)

Other combinations of crank arm and chainring C-570

Dimension “X” is based on case of chain line: 46.5 mm



FC-E8050 / FC-E8000 / FC-E6100 and SM-CRE61

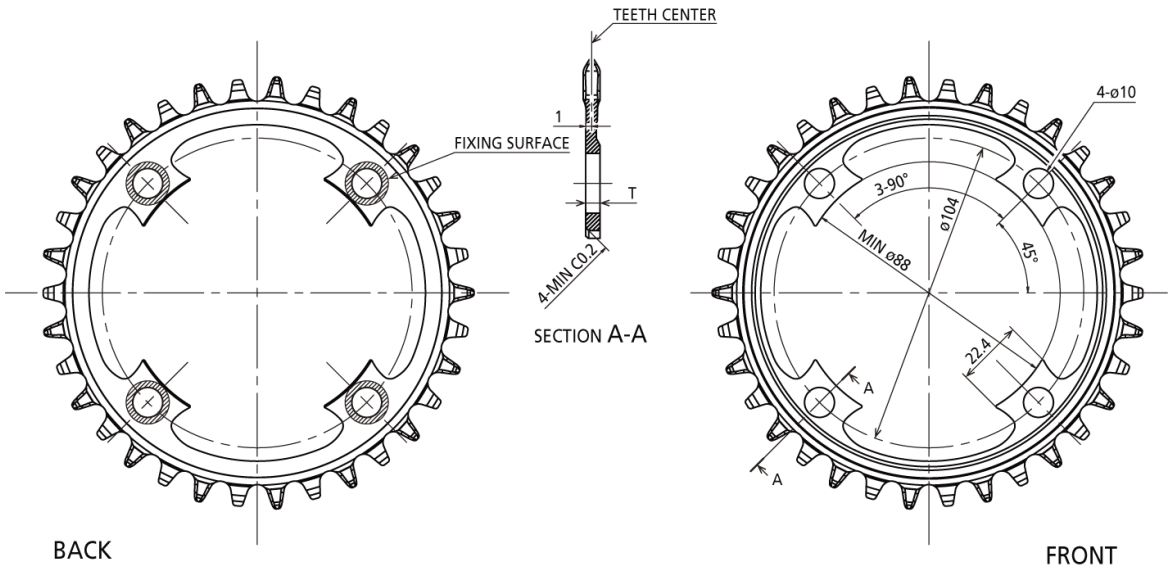
Crank arm	Chainring	Chain guard	x1(mm)	x2(mm)	x3(mm)	x4(mm)	x5(mm)	x6(mm)	x7(mm)	y1(mm)	y2(mm)	y3(mm)	y4(mm)
FC-E8050	SM-CRE61 44T	w/ Double	49.8	44.8	38.1	-	-	75	75	98.4	95	42.3	-
		w/ Single	49.8	44.8	-	38.1	-			98.4	95	42.3	-
		w/o	-	44.8	-	-	-			-	95	-	46.3
	SM-CRE61 38T	w/ Double	49.8	44.8	38.1	-	-	75	75	86.3	83.8	42	-
		w/ Single	49.8	44.8	-	38.1	-			86.3	83.8	42	-
		w/o	-	44.8	-	-	34.8			-	83.8	-	46.3
FC-E8000 FC-E6100	SM-CRE61 44T	w/ Double	49.8	44.8	38.1	-	-	75.3	75.3	98.4	95	42.3	-
		w/ Single	49.8	44.8	-	38.1	-			98.4	95	42.3	-
		w/o	-	44.8	-	-	-			-	95	-	46.3
	SM-CRE61 38T	w/ Double	49.8	44.8	38.1	-	-	75.3	75.3	86.3	83.8	42	-
		w/ Single	49.8	44.8	-	38.1	-			86.3	86.3	42	-
		w/o	-	44.8	-	-	34.8			-	83.8	-	46.3

FC-E5000 / FC-E5010 and SM-CRE50

Crank arm	Chainring	Chain guard	x1(mm)	x2(mm)	x3(mm)	x4(mm)	x5(mm)	x6(mm)	x7(mm)	y1(mm)	y2(mm)	y3(mm)	y4(mm)
FC-E5000	SM-CRE50 44T	w/ Double	49.8	44.8	38.9	-	-	75.8	75.8	98.4	95	82.5	-
		w/ Single	49.8	44.8	-	41.8	-	75.8	75.8	98.4	95	82.5	-
		w/o	-	44.8	-	-	-	75.8	75.8	-	95	-	-
	SM-CRE50 38T	w/ Double	49.8	44.8	38.9	-	-	75.8	75.8	86.3	83.8	68.7	-
		w/ Single	49.8	44.8	-	41.8	-	75.8	75.8	86.3	83.8	68.7	-
		w/o	-	44.8	-	-	44.5	75.8	75.8	-	83.8	-	34.0
FC-E5010	SM-CRE50 44T	w/ Double	49.8	44.8	38.9	-	-	75.8	75.8	98.4	95	82.5	-
		w/ Single	49.8	44.8	-	41.8	-	75.8	75.8	98.4	95	82.5	-
		w/o	-	44.8	-	-	-	75.8	75.8	-	95	-	-
	SM-CRE50 38T	w/ Double	49.8	44.8	38.9	-	-	75.8	75.8	86.3	83.8	68.7	-
		w/ Single	49.8	44.8	-	41.8	-	75.8	75.8	86.3	83.8	68.7	-
		w/o	-	44.8	-	-	44.5	75.8	75.8	-	83.8	-	34.0

Chainring Diagram

SM-CRE80 / SM-CRE80-12-B / SM-CRE80-12-SB / SM-CRE70 / SM-CRE70-12



Model No.	T (mm)
SM-CRE80-12-SB SM-CRE80-12-B	2.00
SM-CRE80 SM-CRE70 SM-CRE70-12	2.05

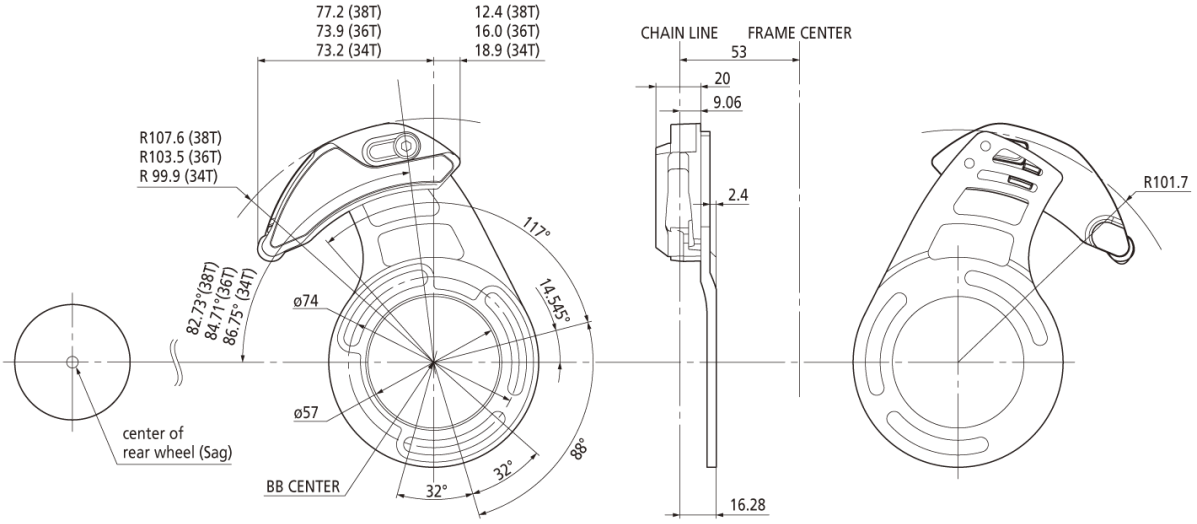
Chain device dimensions

C-510

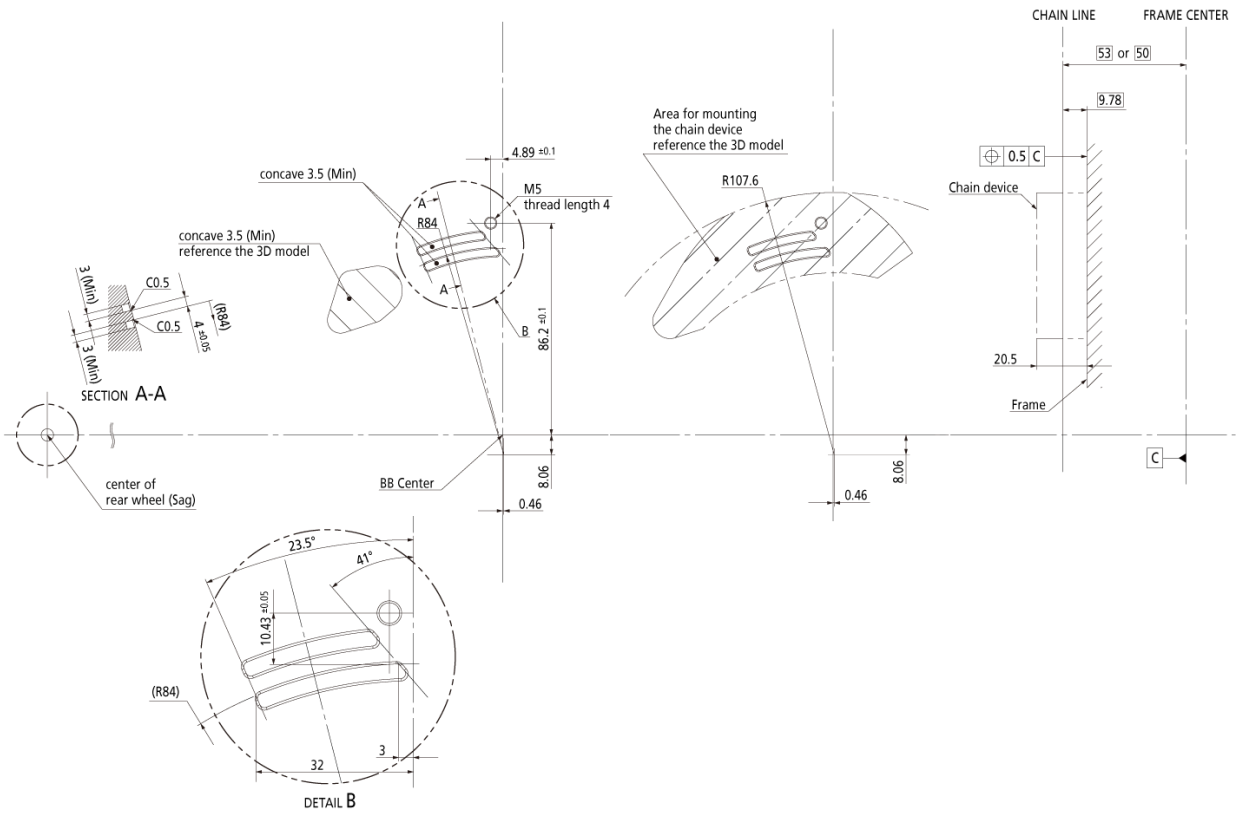
SM-CDE80 / SM-CDE70

If the chain and chain device interfere with each other when SM-CDE80 is used on a bicycle with rear suspension at sag position, please adjust angle the chain device not to touch chain in the position of low gear.

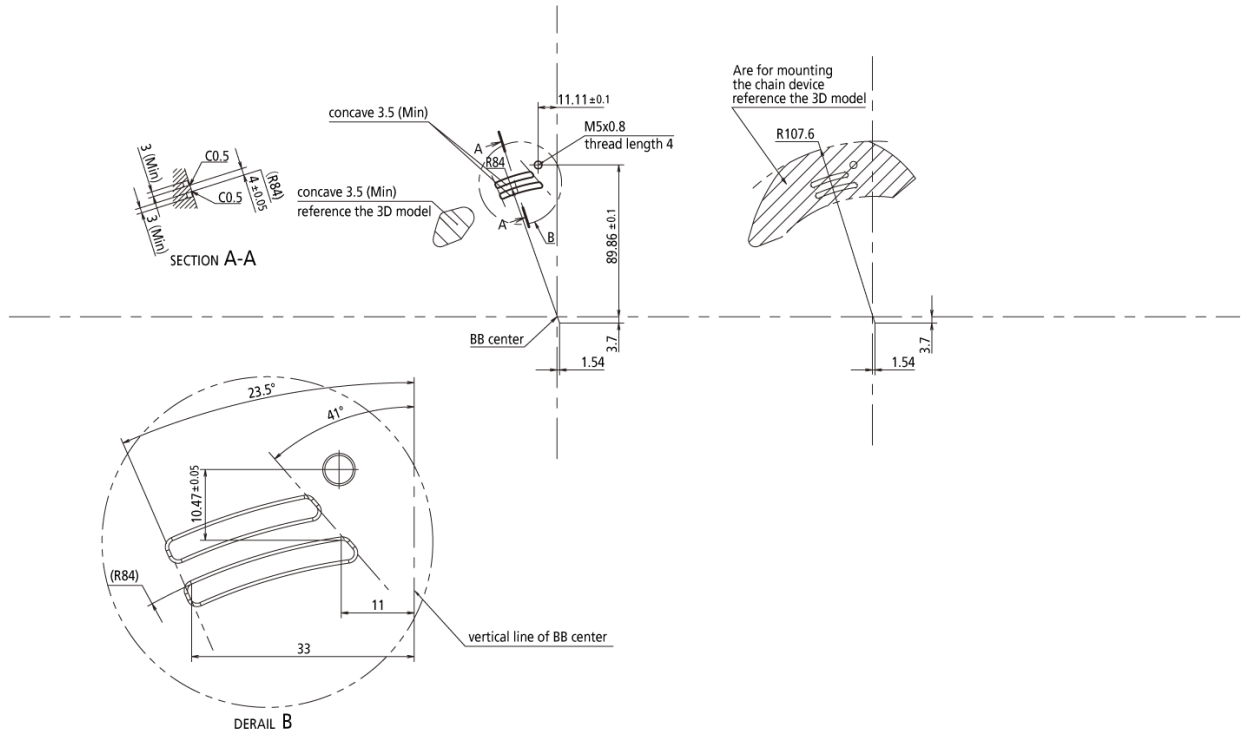
With back plate



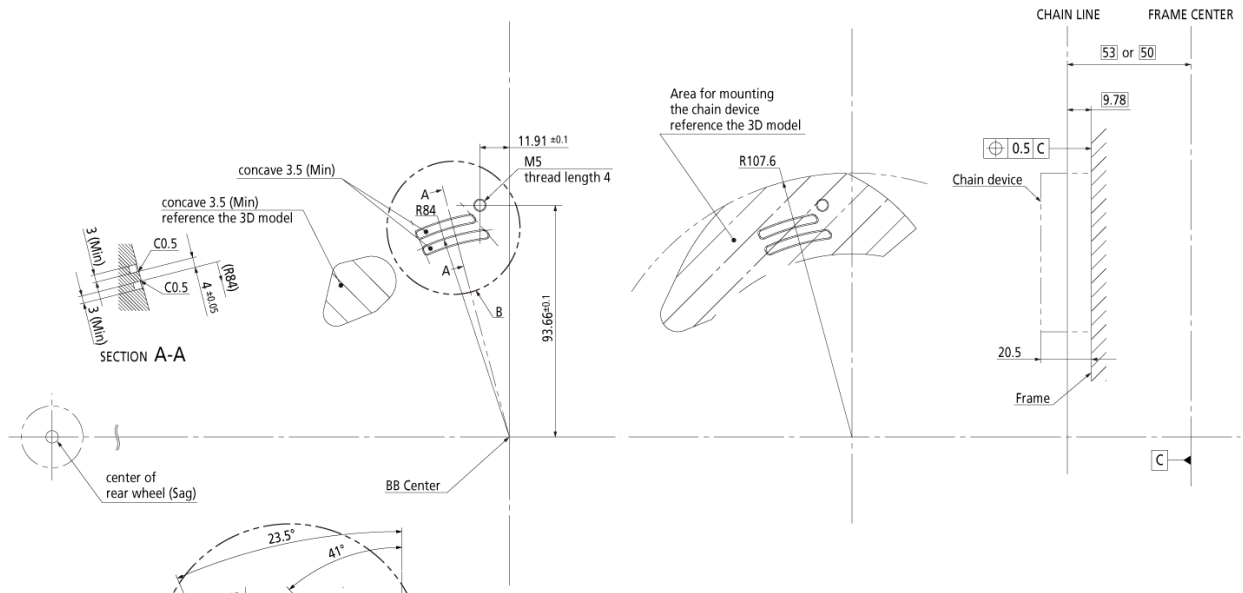
Without back plate (frame mount) for 34T chainring

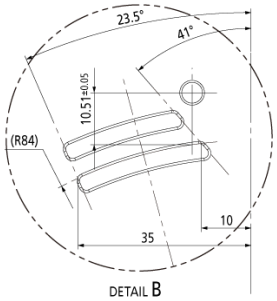


Without back plate (frame mount) for 36T chainring

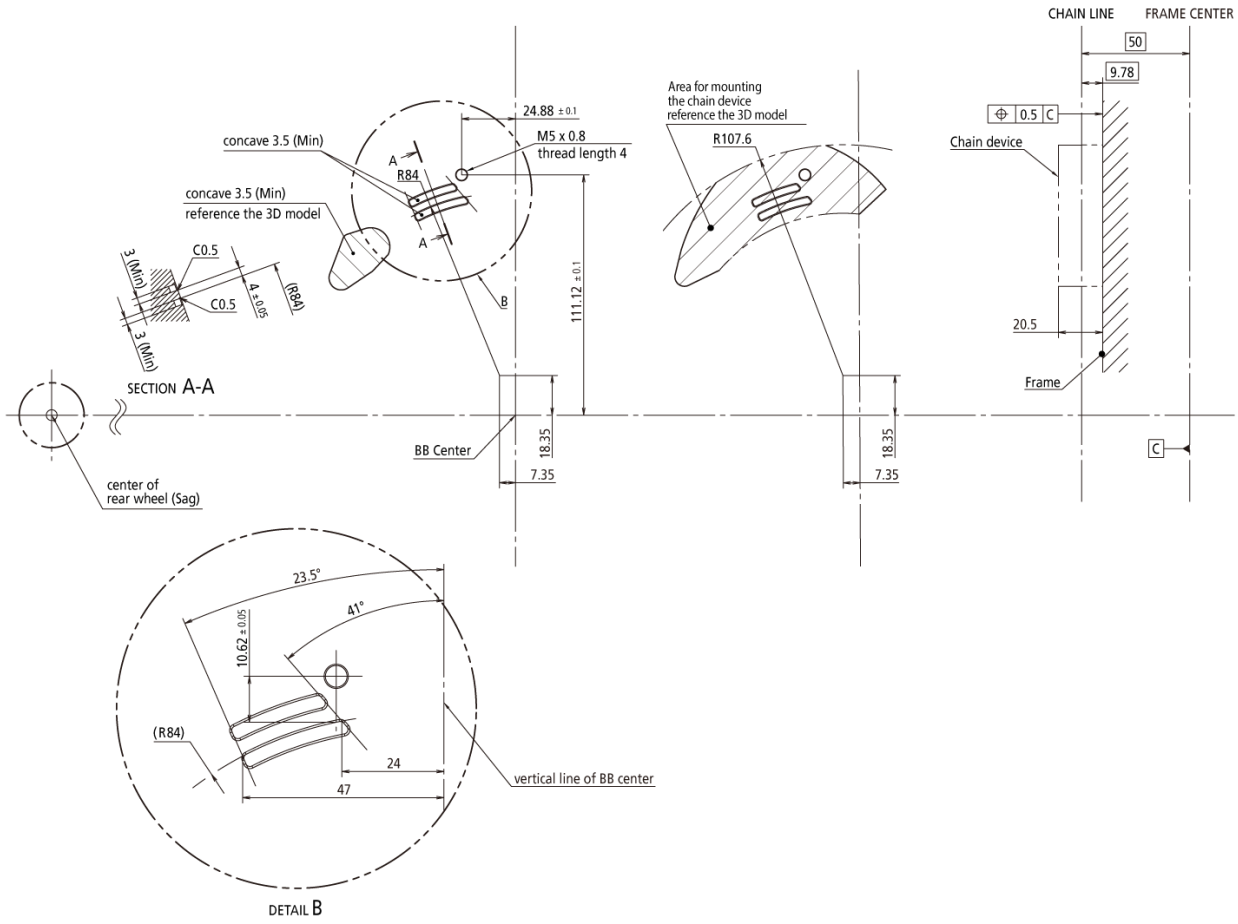


Without back plate (frame mount) for 38T chainring



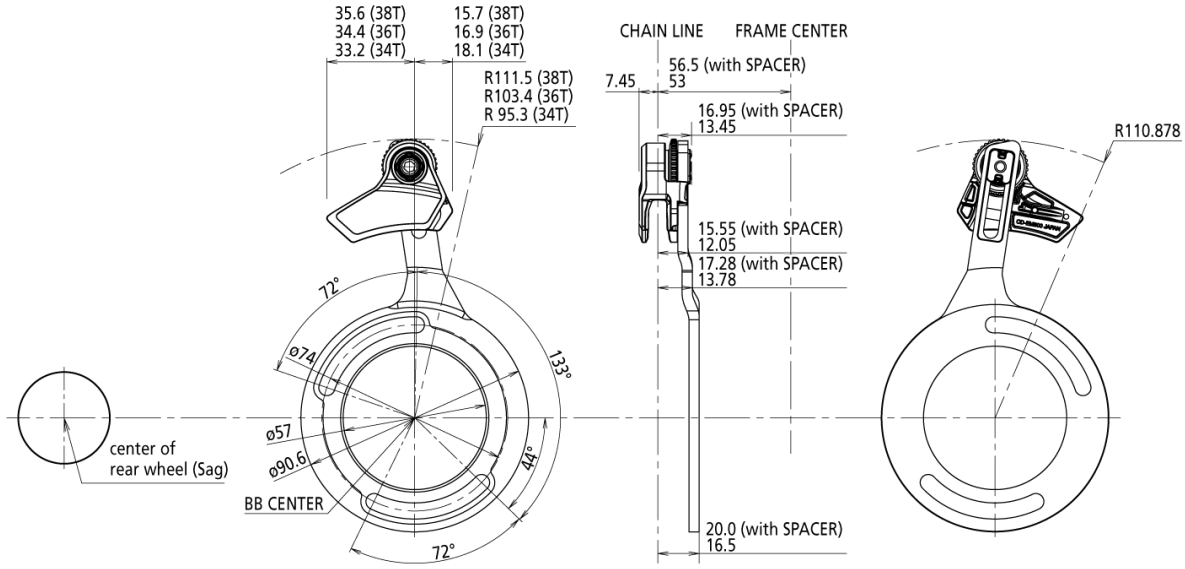


Without back plate (frame mount) for 47T chainring



5 CD-EM800

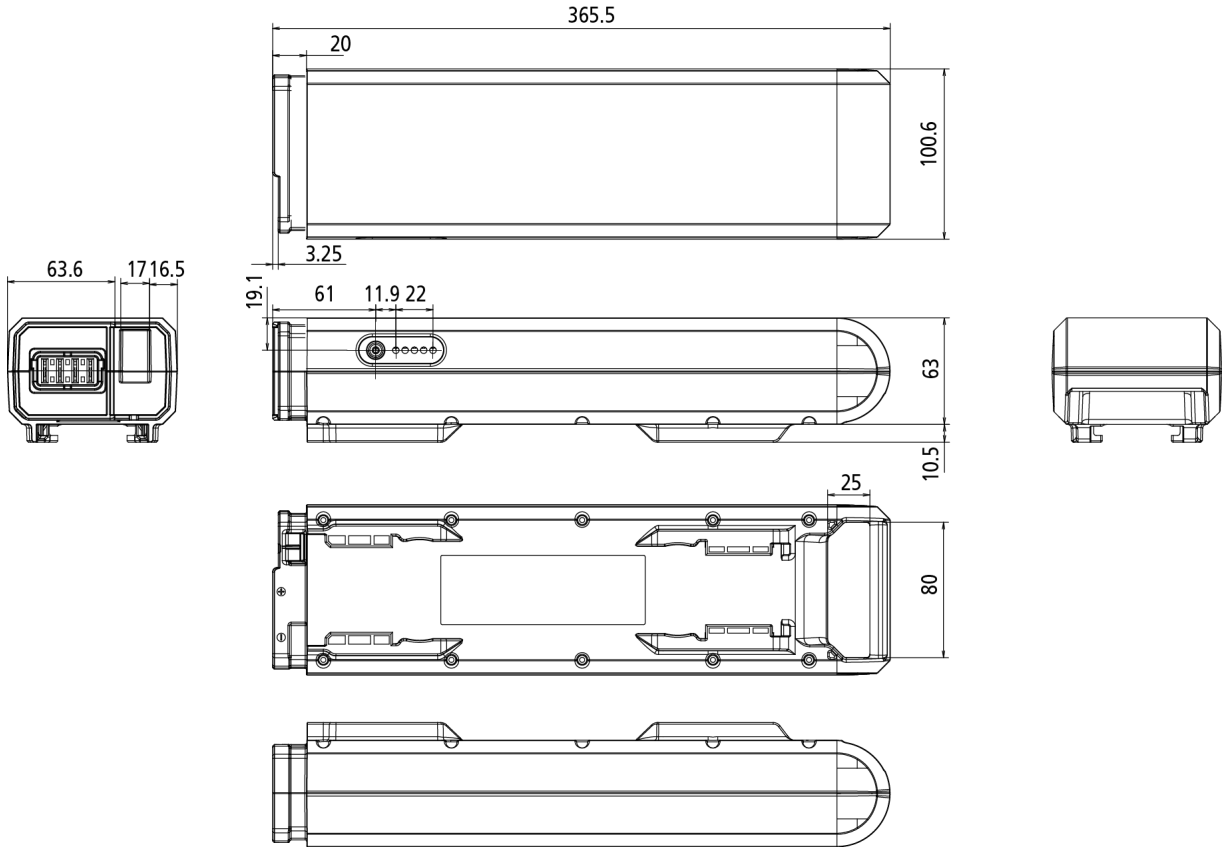
13



Carrier type battery and battery mount C-484

Battery dimensions C-407

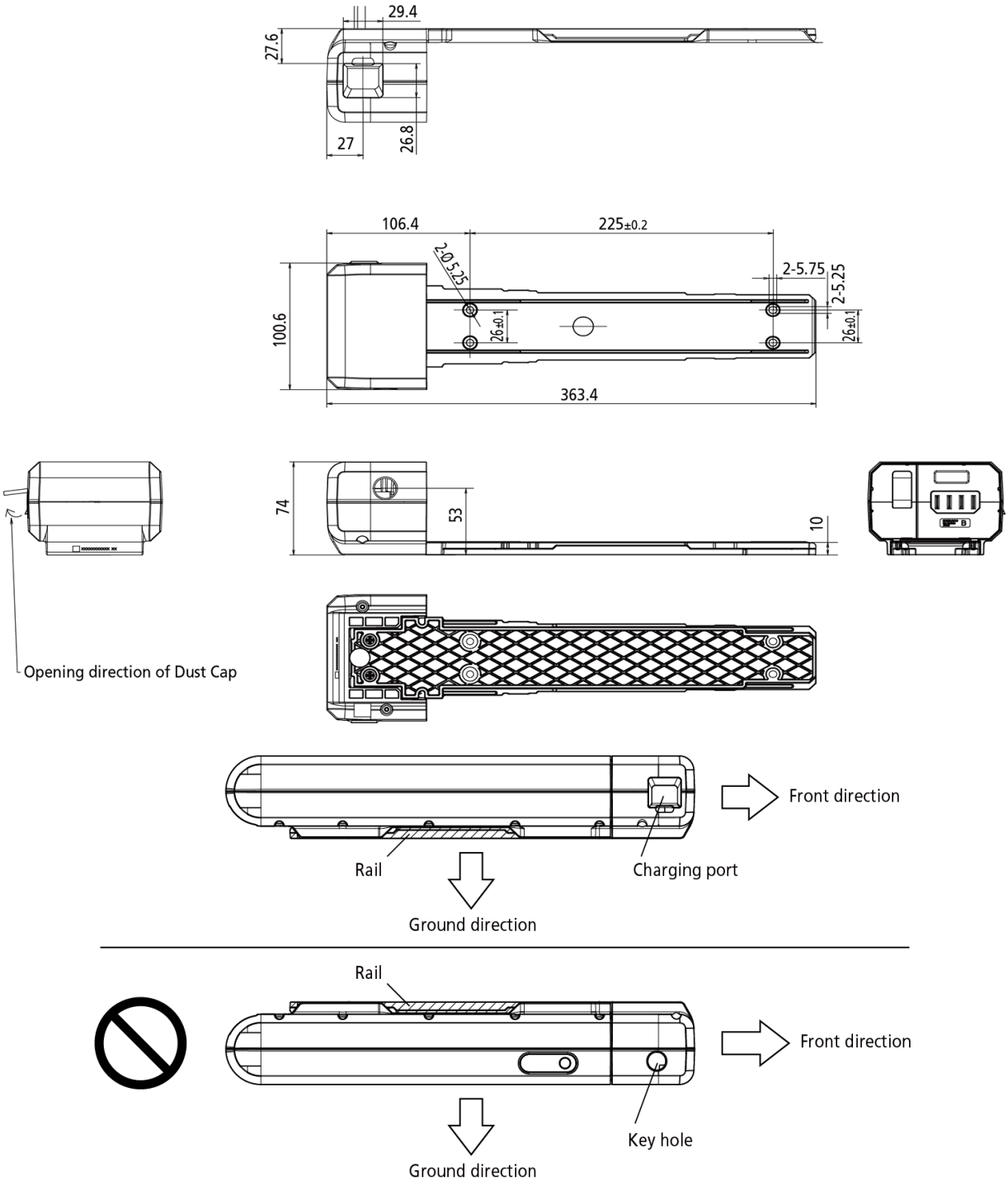
BT-E6000 / BT-E6001



Mount dimensions C-408

Battery mount doesn't include fixing bolts with carrier.
Battery is recommended placing to horizontal.

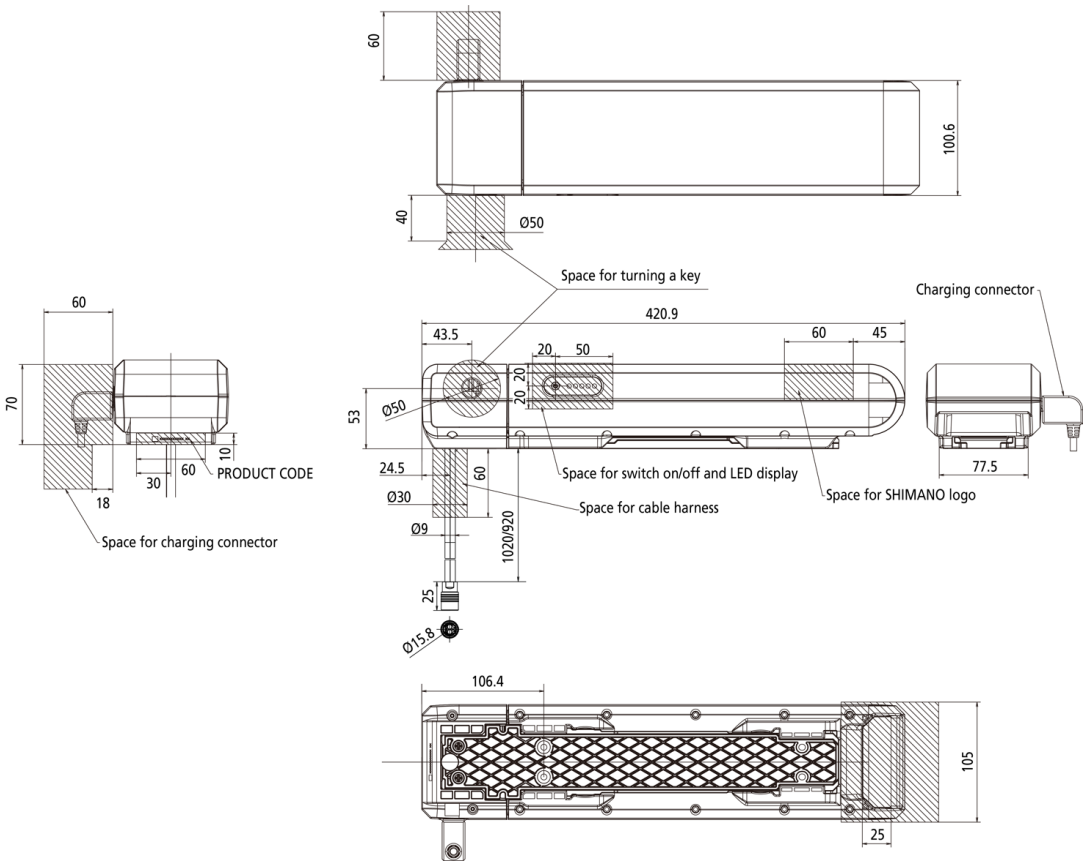
BM-E6000



Interference dimensions C-409

In these shaded area, there is a possibility of interference.
Design avoiding these area.

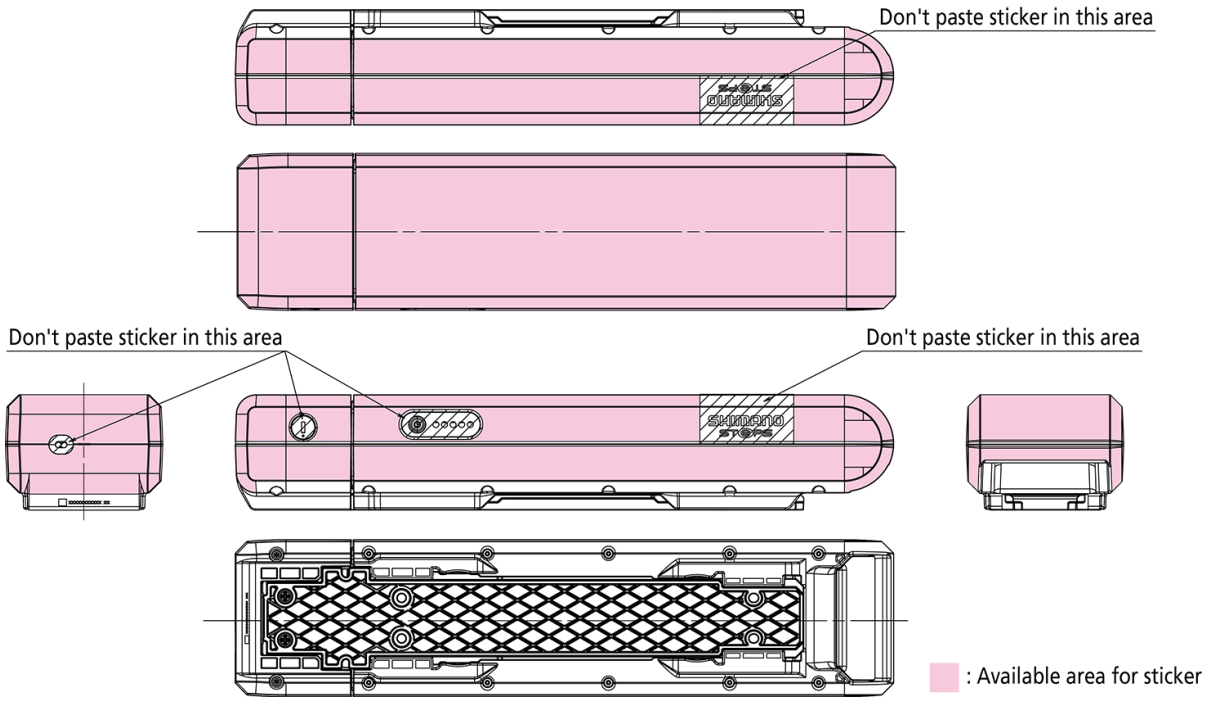
BM-E6000



Model No.	a (mm)	b (mm)
BM-E6000-A	72.4	34
BM-E6000-B	62.9	43.5

Available area for sticker C-490

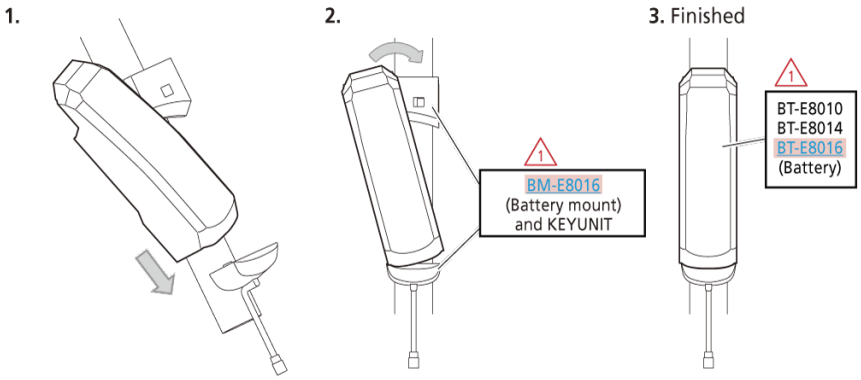
BT-E6000 / BT-E6001 and BM-E6000



Down tube type battery and battery mount C-480

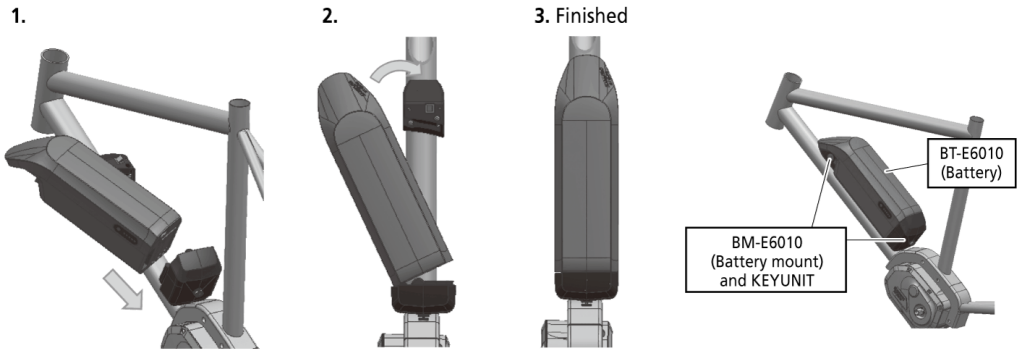
How to installing/removing the battery C-410

BT-E8010 / BT-E8014 / BT-E8016



NOTE

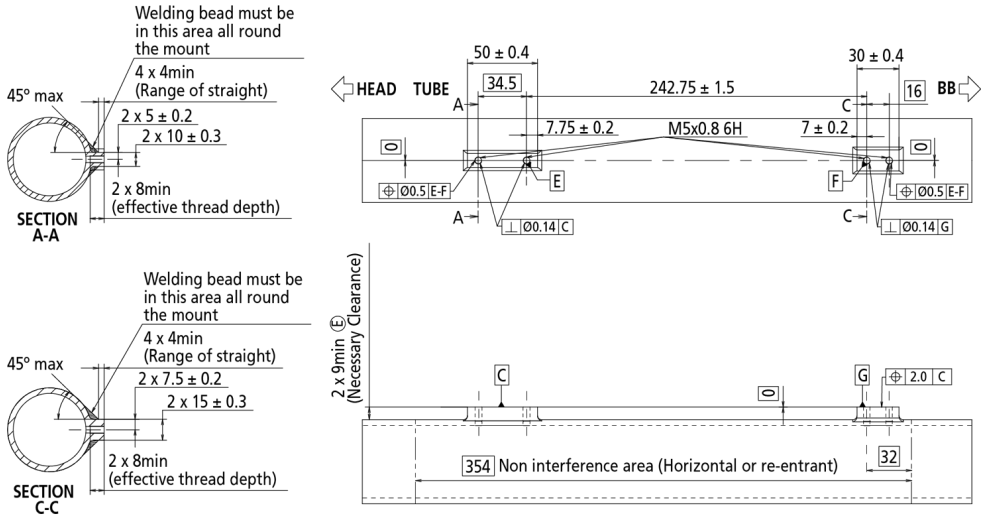
Refer to C-511 for Battery and Battery mount compatibility.



Frame requirement for down tube type battery mount C-411

BM-E8016 / BM-E8010 / BM-E6010

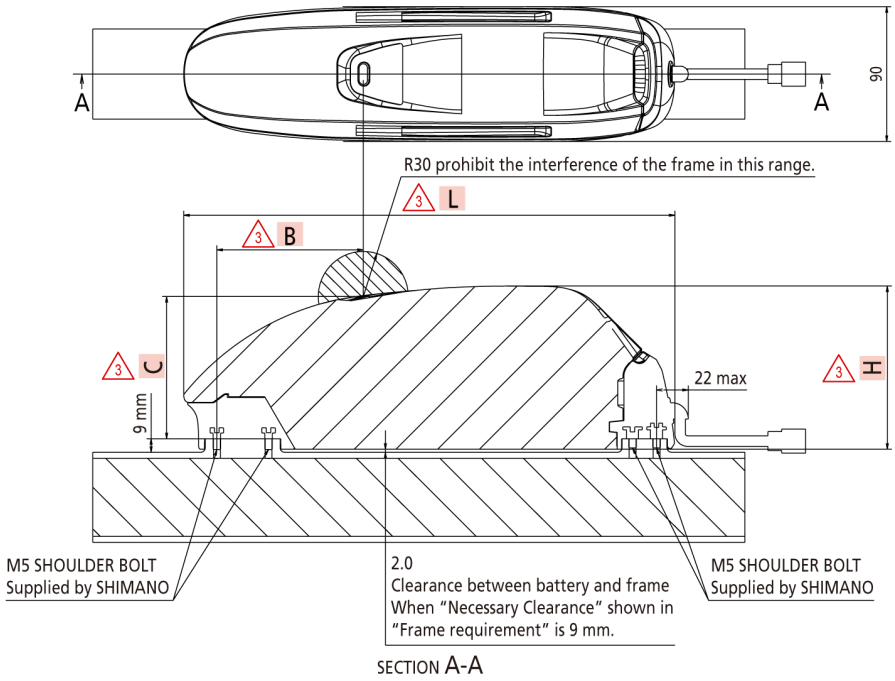
Our recommended tightening torque is 3Nm for four screw holes . Design frame based on it.

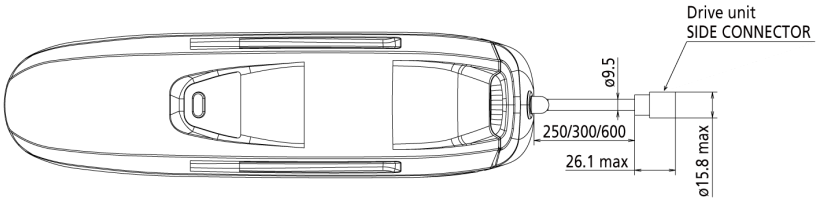


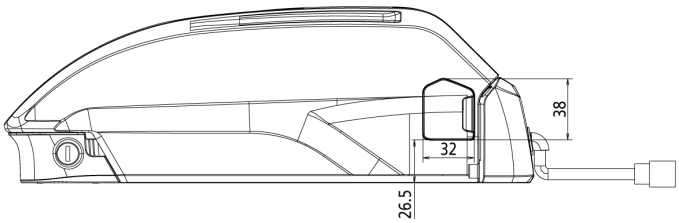
Battery position : Upper side of down tube only

Battery and battery mount dimensions C-412

BT-E8010 / BT-E8014 / BT-E8016 and BM-E8016



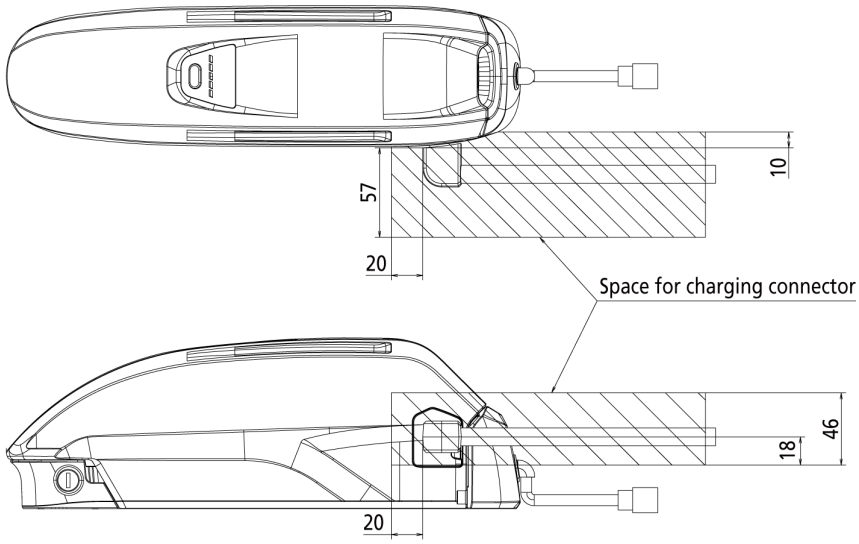




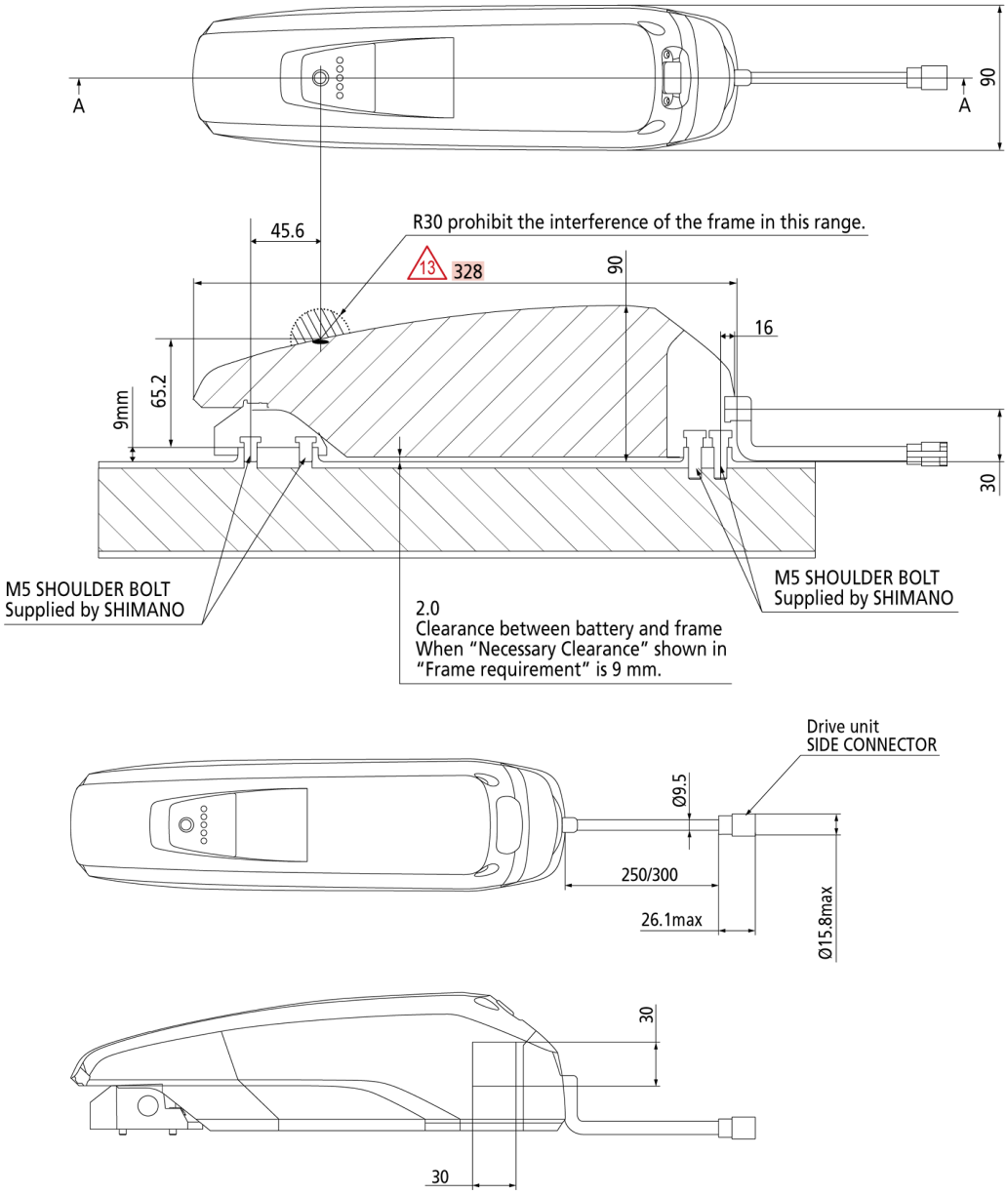
Model No.	L	H	B	C
BT-E8010	328	90	45.6	65.2
BT-E8014				
BT-E8016		108.7	97.7	94.7

(mm)

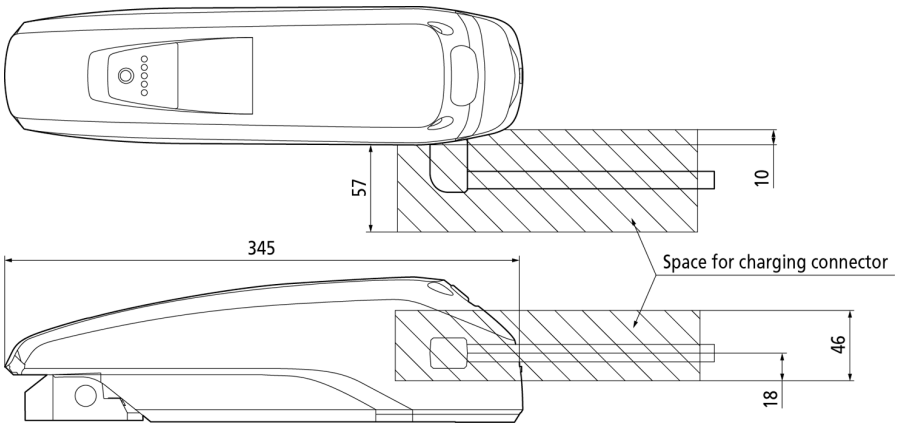
Interference dimensions



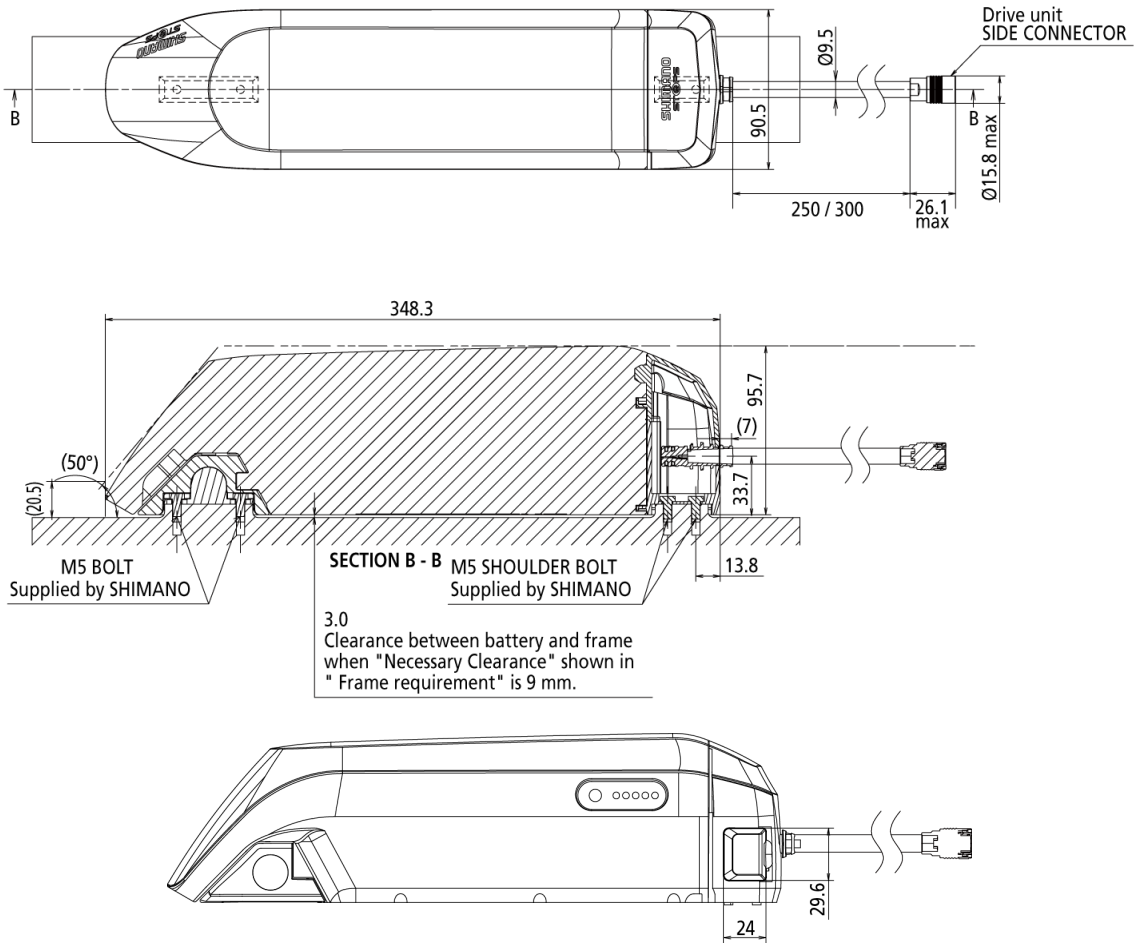
BT-E8010 / BT-E8014 and BM-E8010



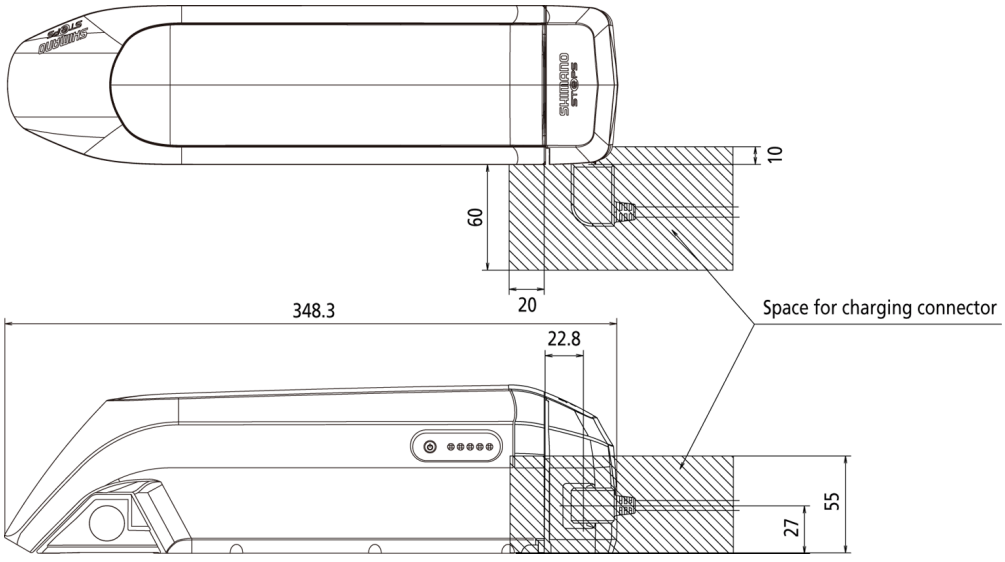
Interference dimensions



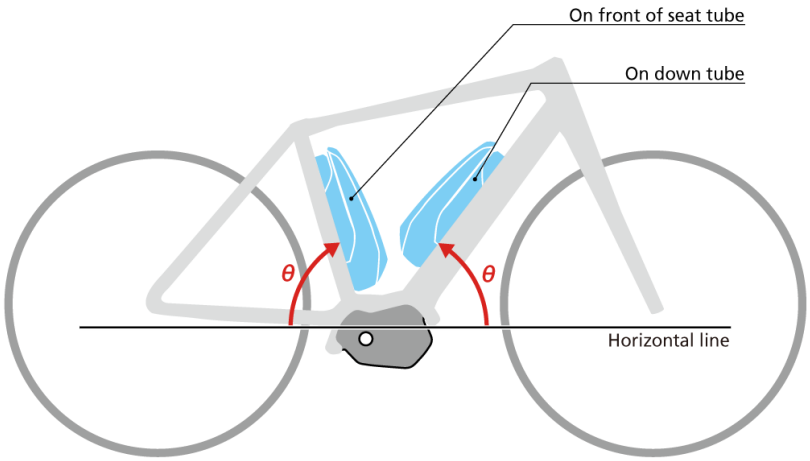
BT-E6010 / BM-E6010



Interference dimensions



External type battery appropriated mounting angle C-617

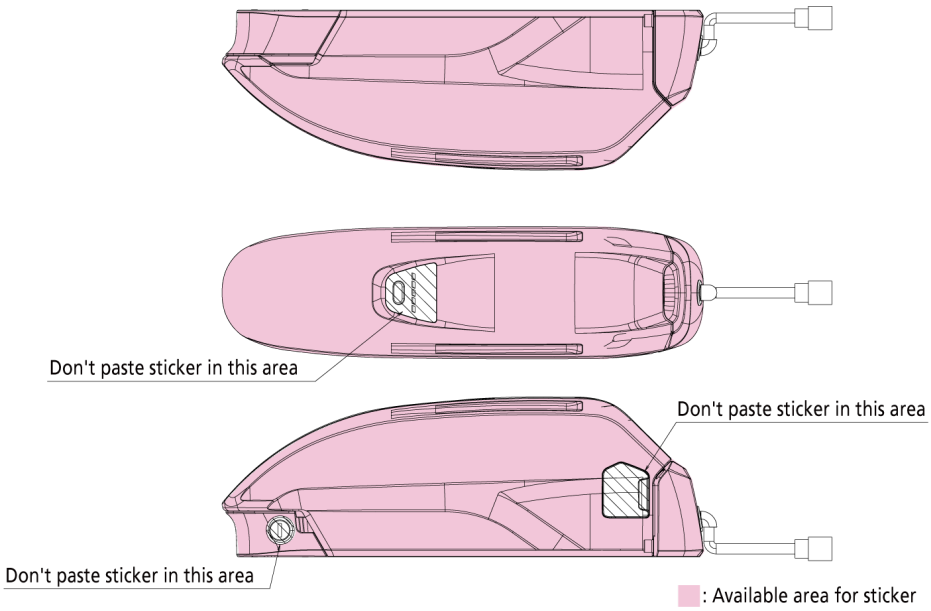


1 3 8

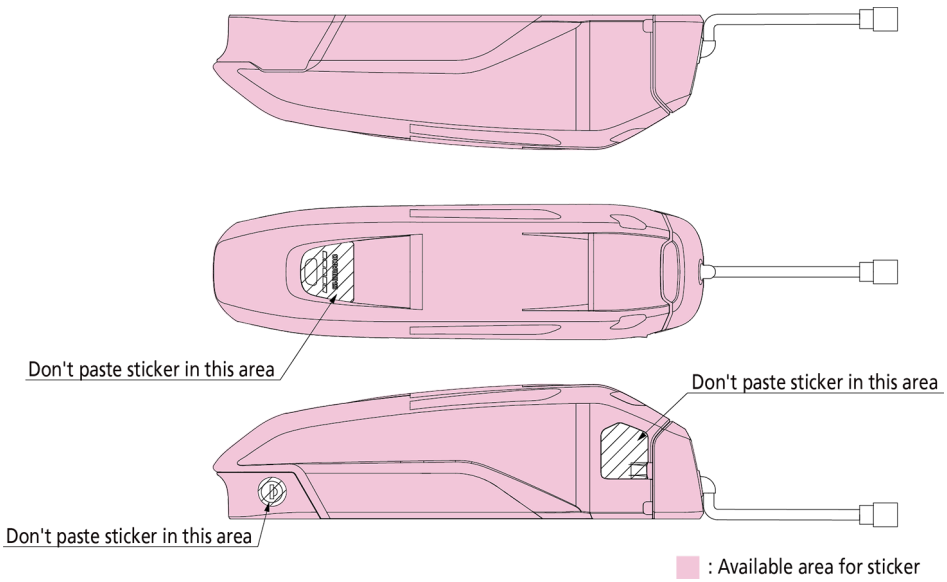
Model No.	Type	Mounting angle
BT-E8010	External type battery	50° ≤ θ ≤ 90°
BT-E8014	External type battery	50° ≤ θ ≤ 90°
BT-E8016	External type battery	50° ≤ θ ≤ 90°

Available area for sticker C-413

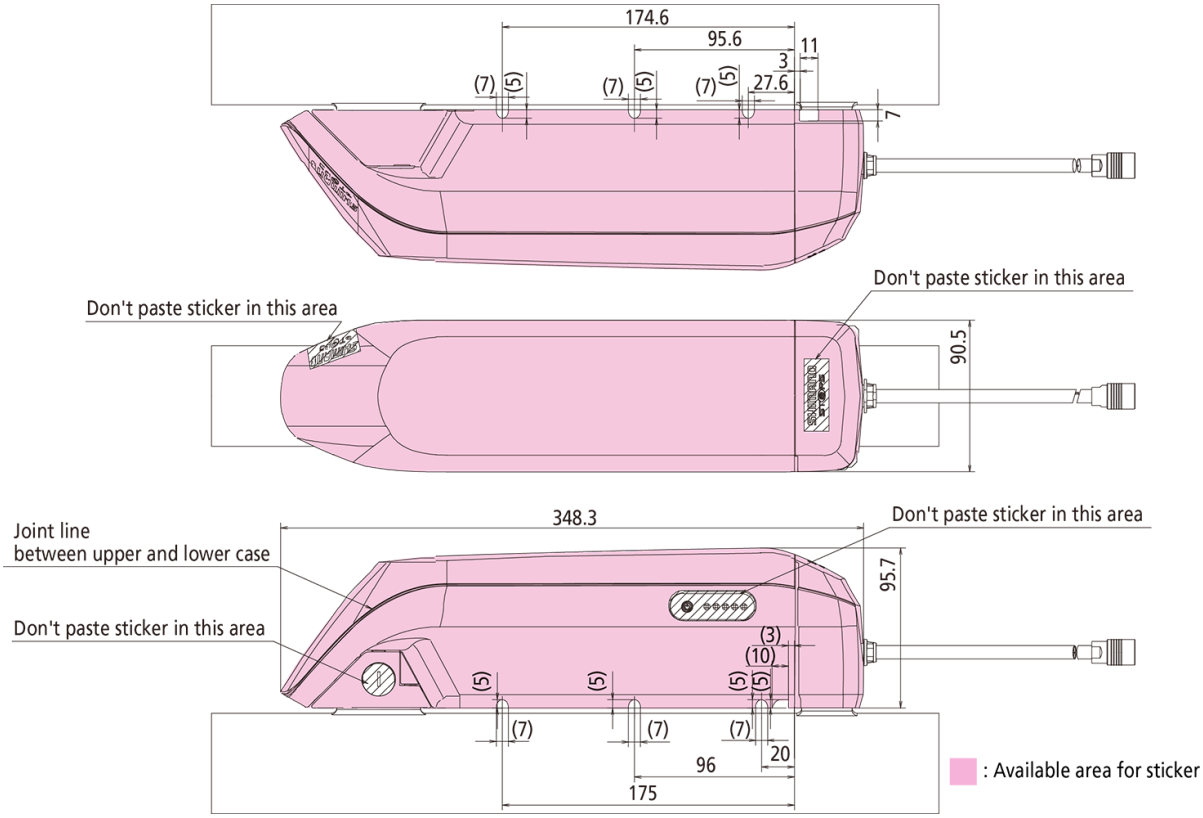
1 BT-E8016



BT-E8010 / BT-E8014



BT-E6010



Integrated type battery and battery mount

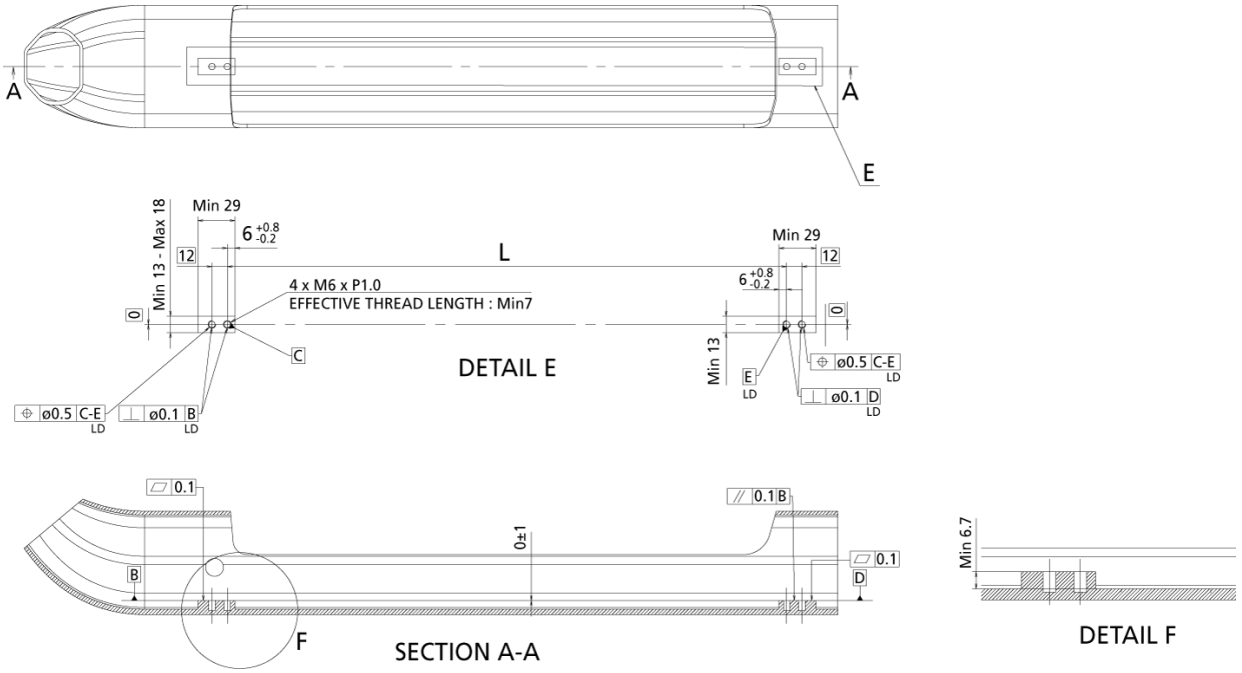
Frame requirement for integrated battery mount C-516

③BT-E8035 / BT-E8035-L / BT-E8036 and BM-E8030 / BM-E8031

* Please don't use BT-E8035 and BM-E803* as a strength member.

Way to attach spring unit to frame

The springs are contained with Battery Mount (BM).
They are placed between battery and frame inside, to push out the Battery from frame.

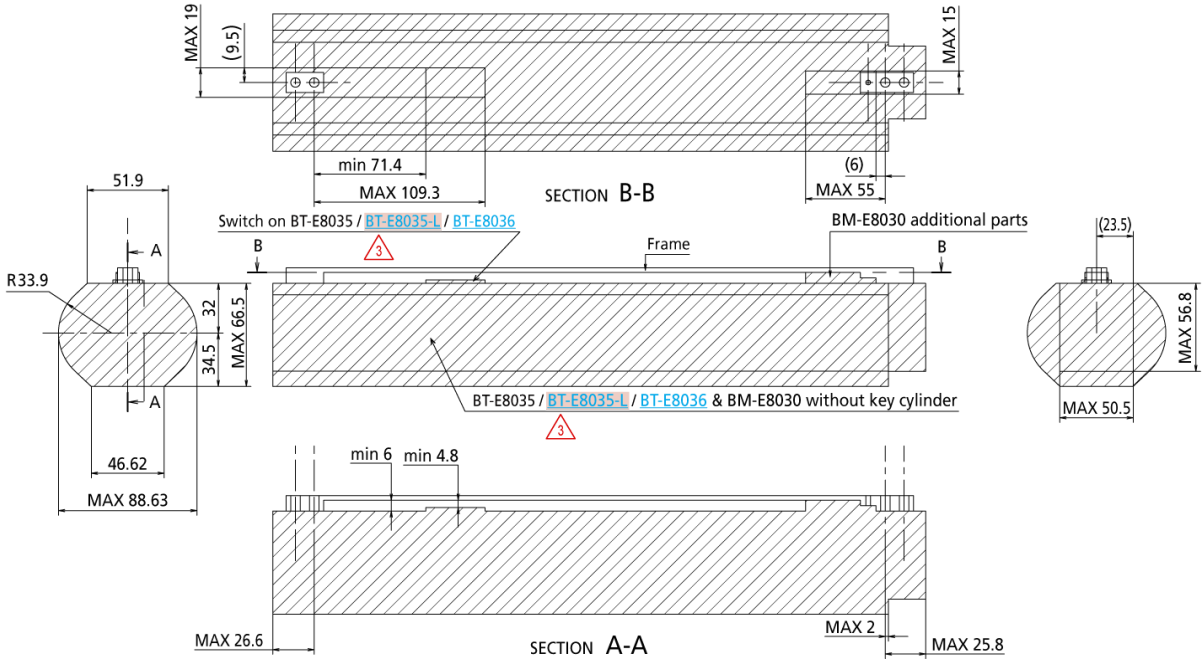


③

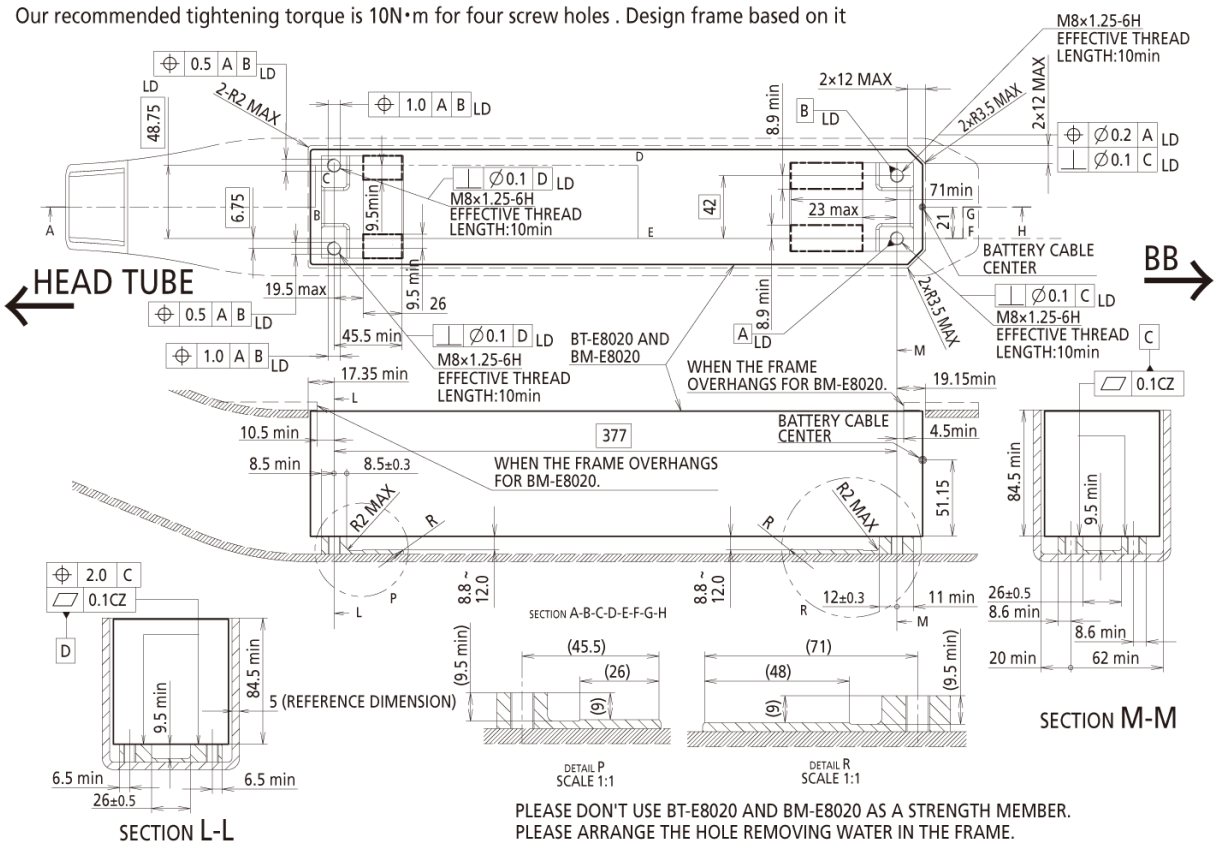
Model No.	L
BT-E8035	365.45±0.5
BT-E8035-L BT-E8036	436.85±0.5

Interference dimensions (maximum dimensions of BT/BM)

* This interference area is not included key cylinder and cables.

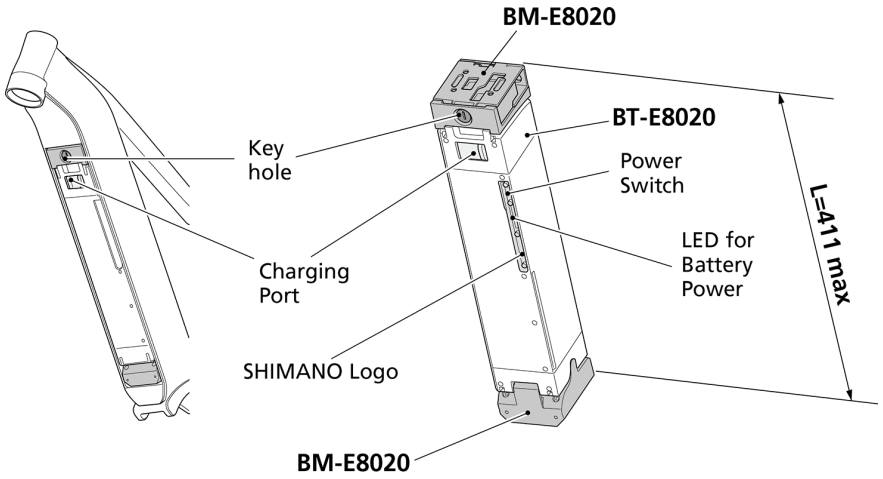


BT-E8020 and BM-E8020



Battery and battery mount dimensions C-517

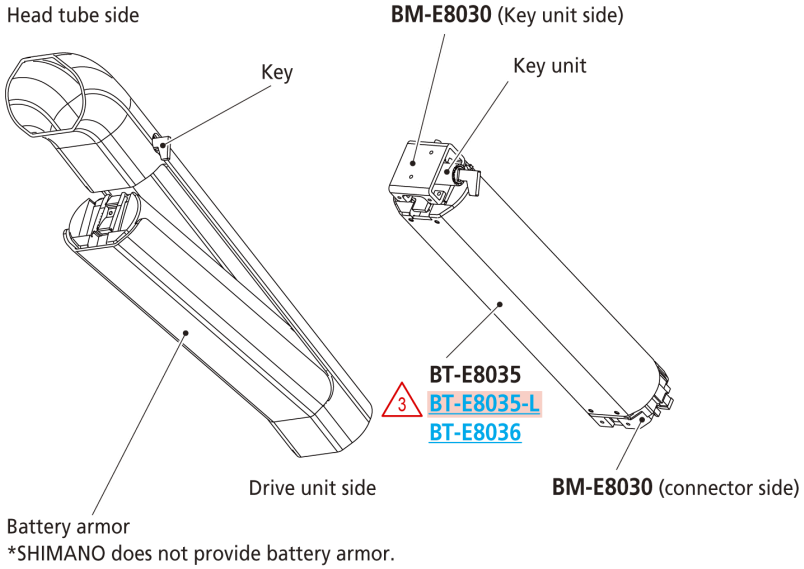
BT-E8020 and BM-E8020



Constitution of battery and battery mount C-600

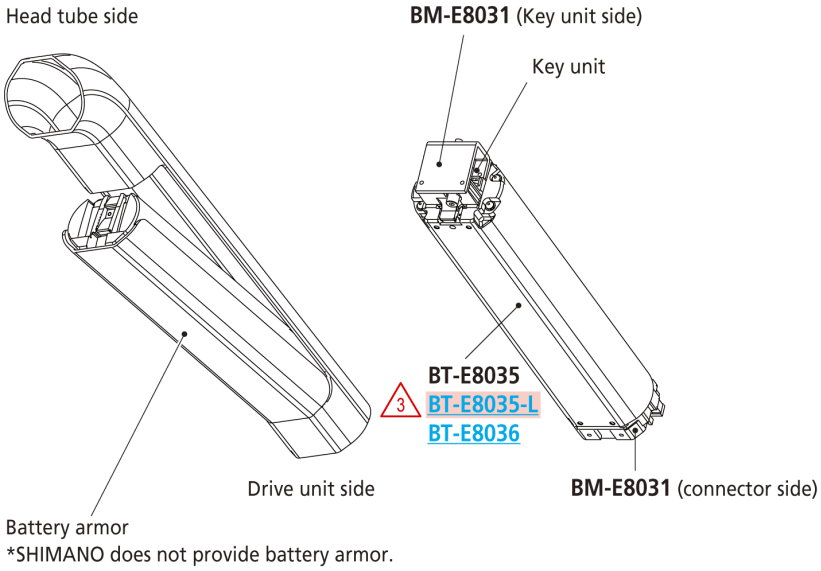
BT-E8035 / BT-E8035-L / BT-E8036 and BM-E8030

Install the battery mount so that the connector side is on the drive unit side.



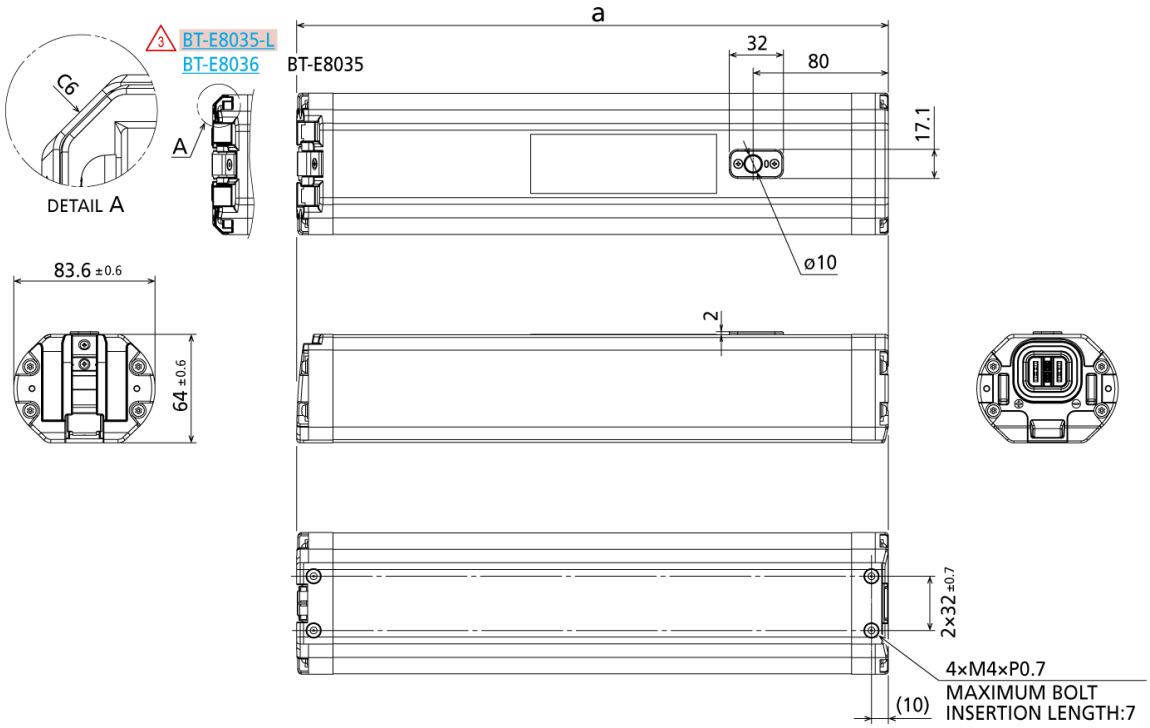
BT-E8035 / BT-E8035-L / BT-E8036 and BM-E8031

Install the battery mount so that the connector side is on the drive unit side.



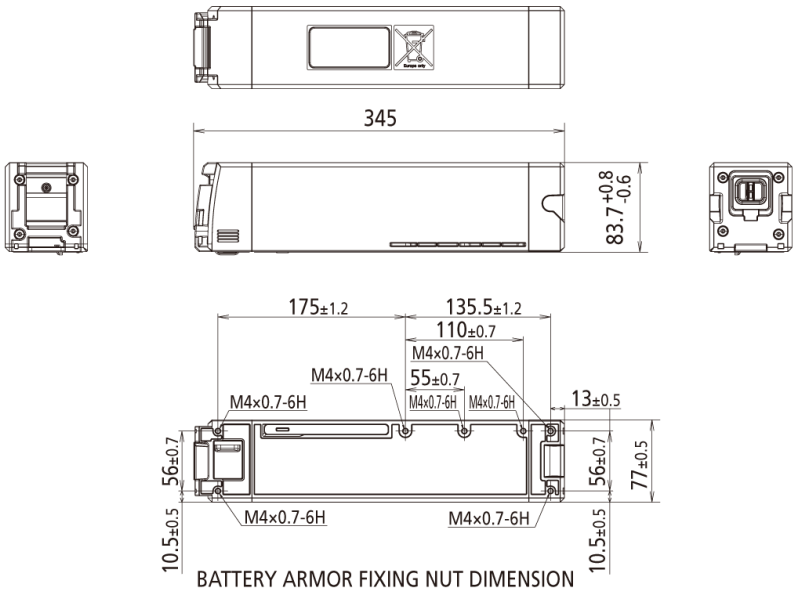
Battery dimensions C-528

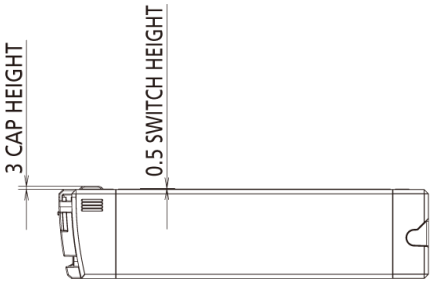
BT-E8035 / BT-E8035-L / BT-E8036



Model No.	a
BT-E8035	350±0.6
BT-E8035-L BT-E8036	421.4±0.8

BT-E8020



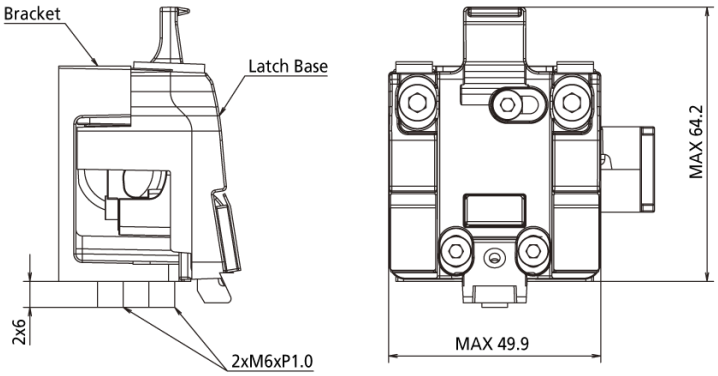


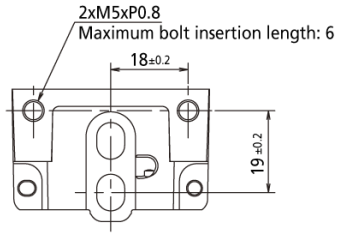
Please don't cover a battery with
rubber or cushion over all surface.
There is a possibility that it may not operate
by heat of a battery.

Battery Mount dimensions C-529

BM-E8030 (w/ key unit)

UPPER BM ASSY



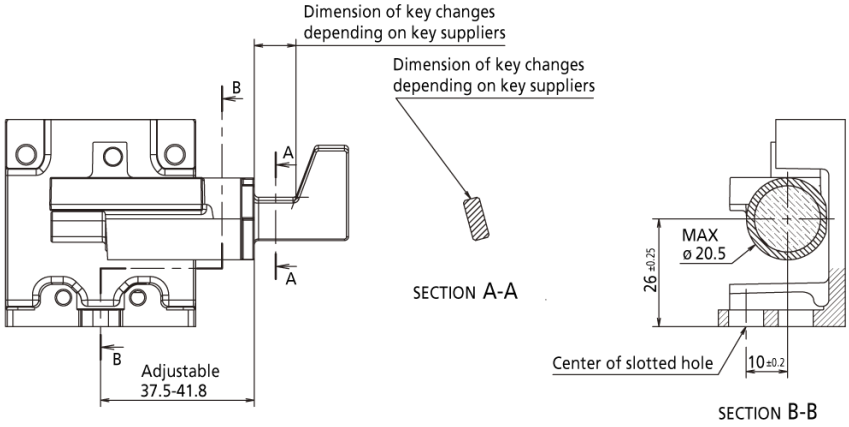


These bolt holes can be used for battery mount cover which should not be applied any kind of impact.

This drawing shows maximum dimensions when latch base is attached to bracket at the center of adjustment range.

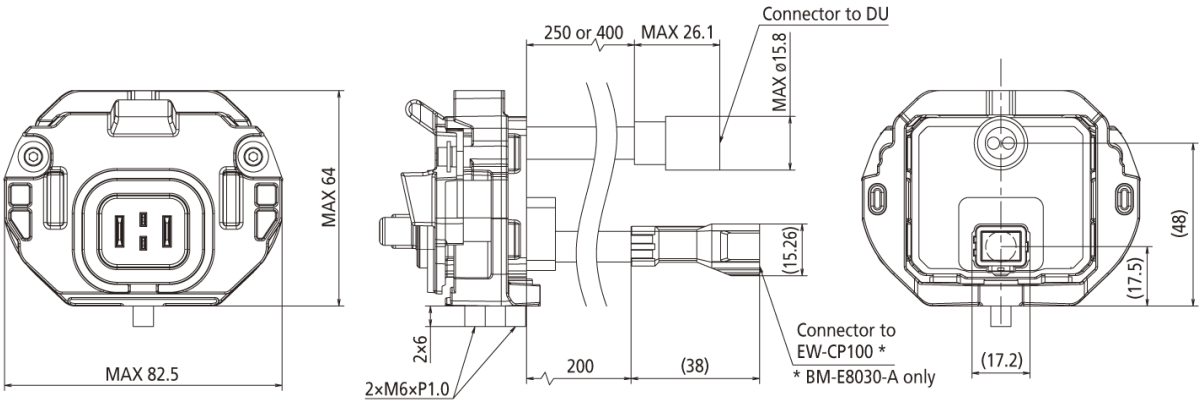
Latch base can be moved to upper or lower side by 1.5 mm from the center position for adjustment of key cylinder position.

POSITION OF KEY CYLINDER



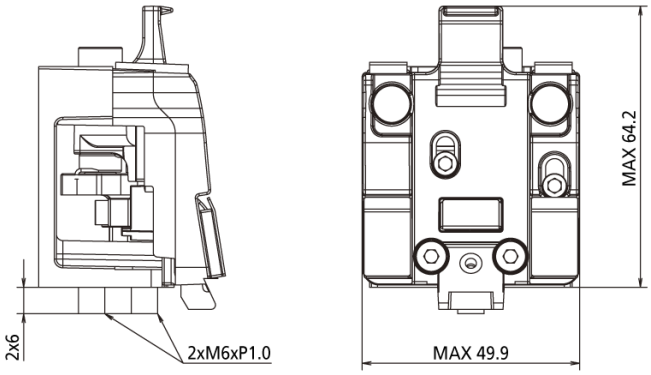
LOWER BM ASSY

BM-E8030-A can connect to EW-CP100.
BM-E8030-B can not connect to EW-CP100.



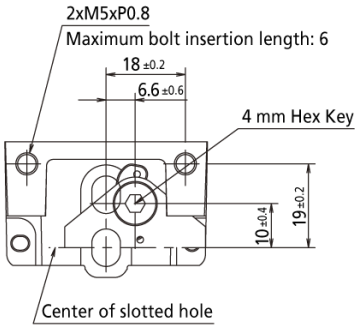
BM-E8031 (w/o key unit)

UPPER BM ASSY

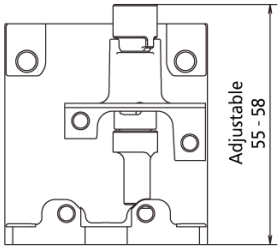


This drawing shows maximum dimensions when latch base is attached to bracket at the center of adjustment range.

POSITION OF HEX KEY

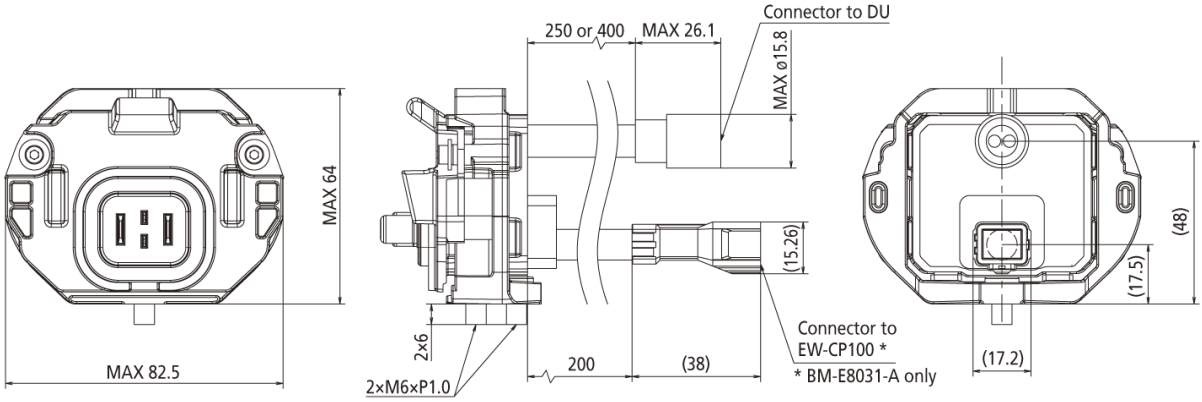


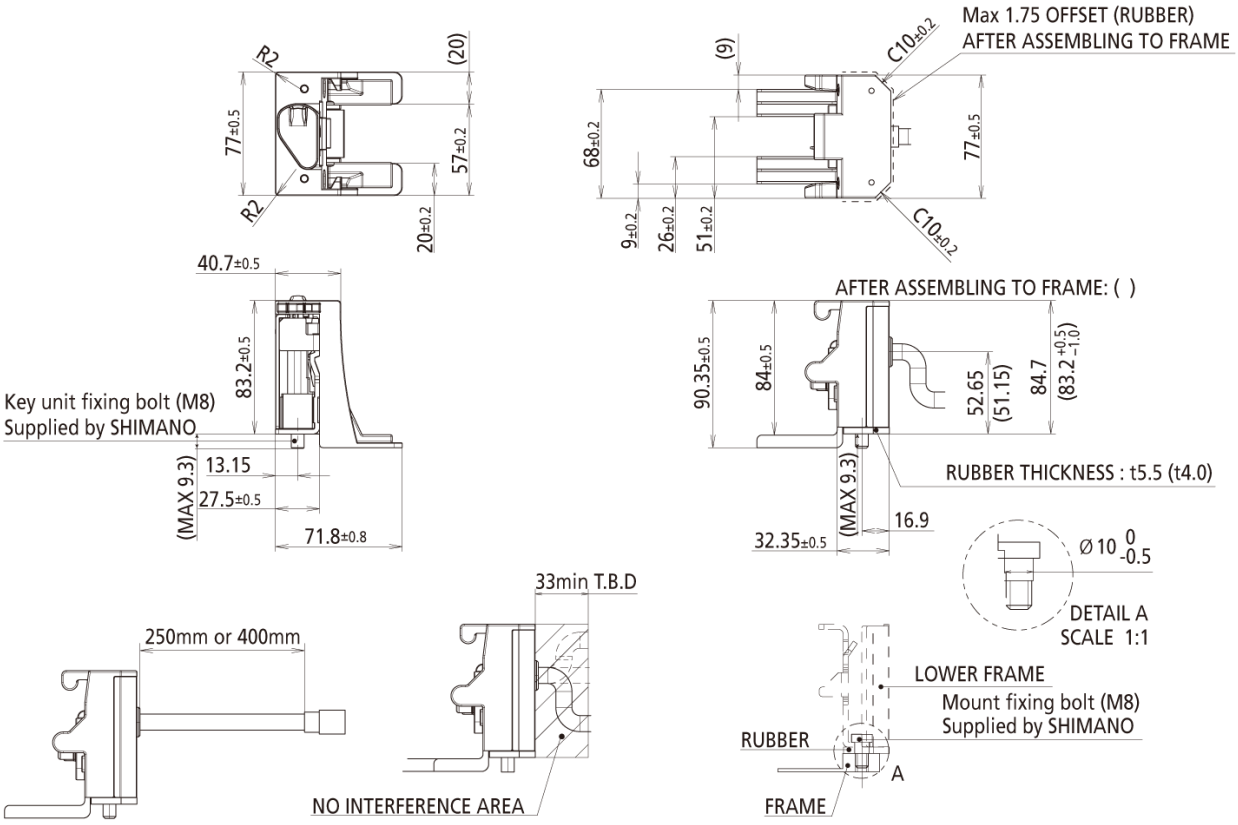
These bolt holes can be used for battery mount cover, which should not be applied any kind of impact.

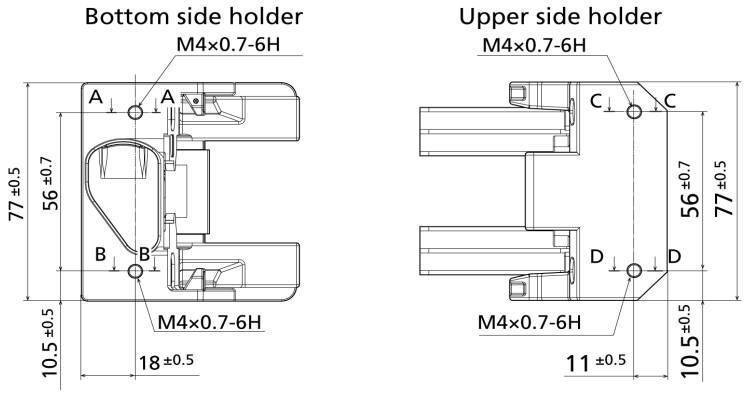


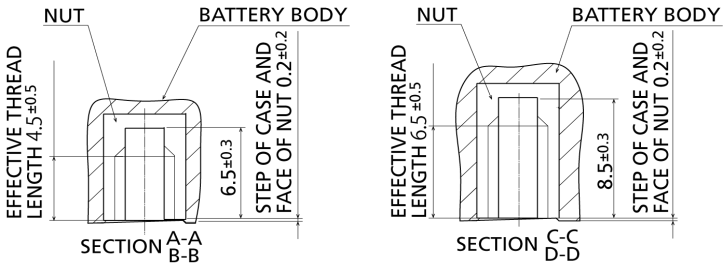
LOWER BM ASSY

BM-E8031-A can connect to EW-CP100.
BM-E8031-B can not connect to EW-CP100.

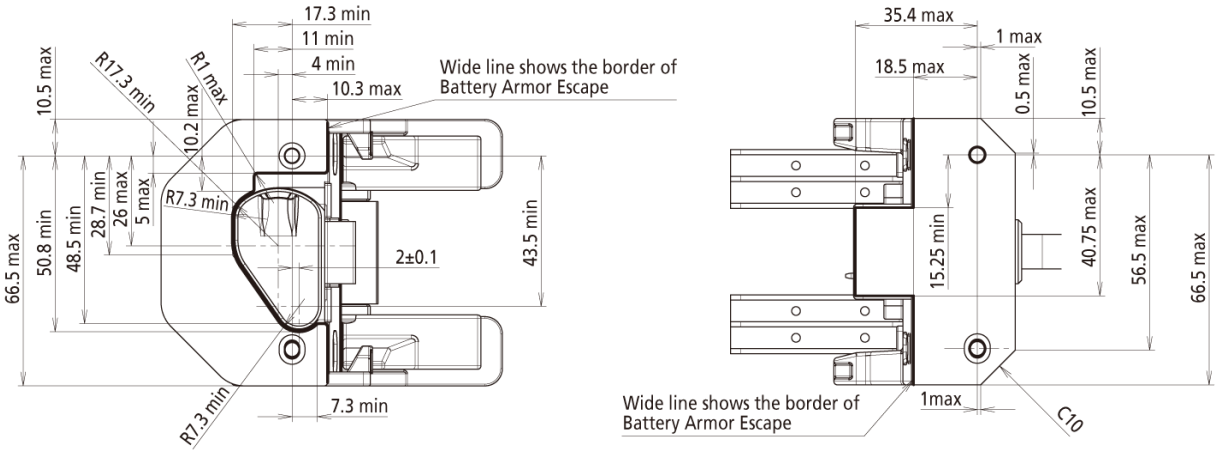






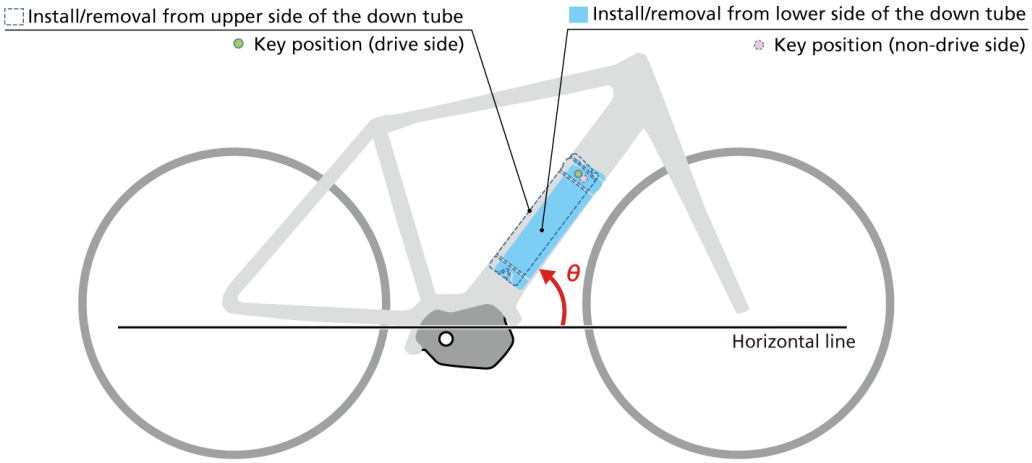


BATTERY ARMOR FIXING NUT DIMENSION



BATTERY ARMOR MAXIMUM DIMENSION

Integrated type battery appropriated mounting angle C-624



1 3 7 8 12

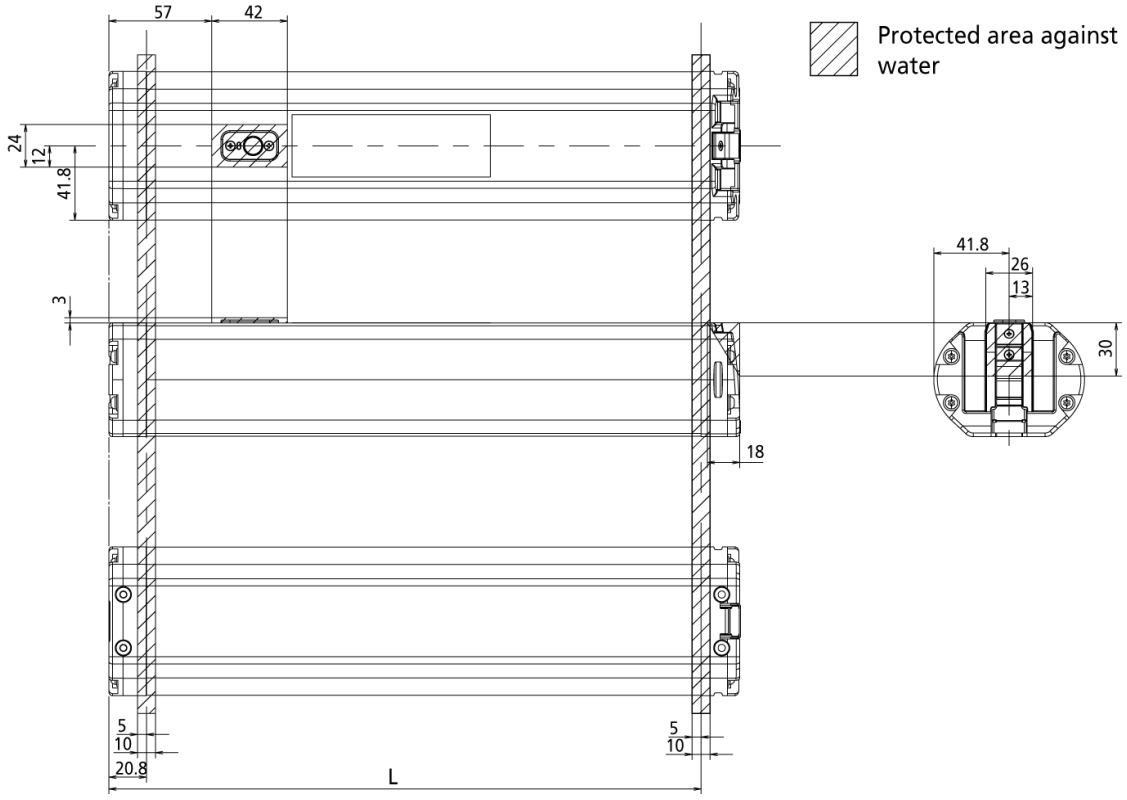
Model No.	Type	Mounting angle	
		Install/removal from upper side of down tube	Install/removal from lower side of down tube
BT-E8035	Integrated type battery	50° ≤ θ ≤ 75°	50° ≤ θ ≤ 75°
BT-E8035-L	Integrated type battery	50° ≤ θ ≤ 75°	50° ≤ θ ≤ 75°
BT-E8036	Integrated type battery	50° ≤ θ ≤ 75°	50° ≤ θ ≤ 75°

Protected area against water C-563

BT-E8035 / BT-E8035-L / BT-E8036

This product is equivalent or higher to waterproof grade 5 (IPX5). Frame needs the following design.

- Do not hit water flow directly from outside the frame to specified area of the battery.
- Do not submerge the specified area of the battery.



Model No.	L
BT-E8035	328.55
BT-E8035-L BT-E8036	399.95

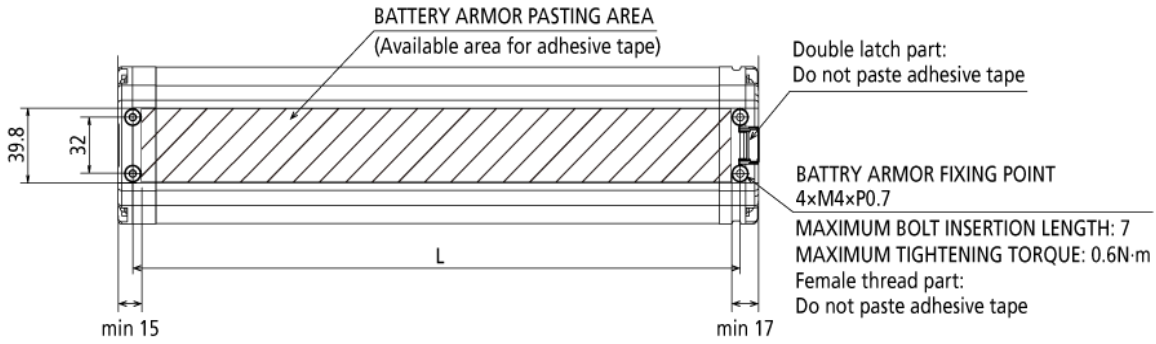
Battery armor C-530

SHIMANO does not provide battery armor.

BT-E8035 / BT-E8035-L / BT-E8036

Battery armor fixing position and battery armor pasting area

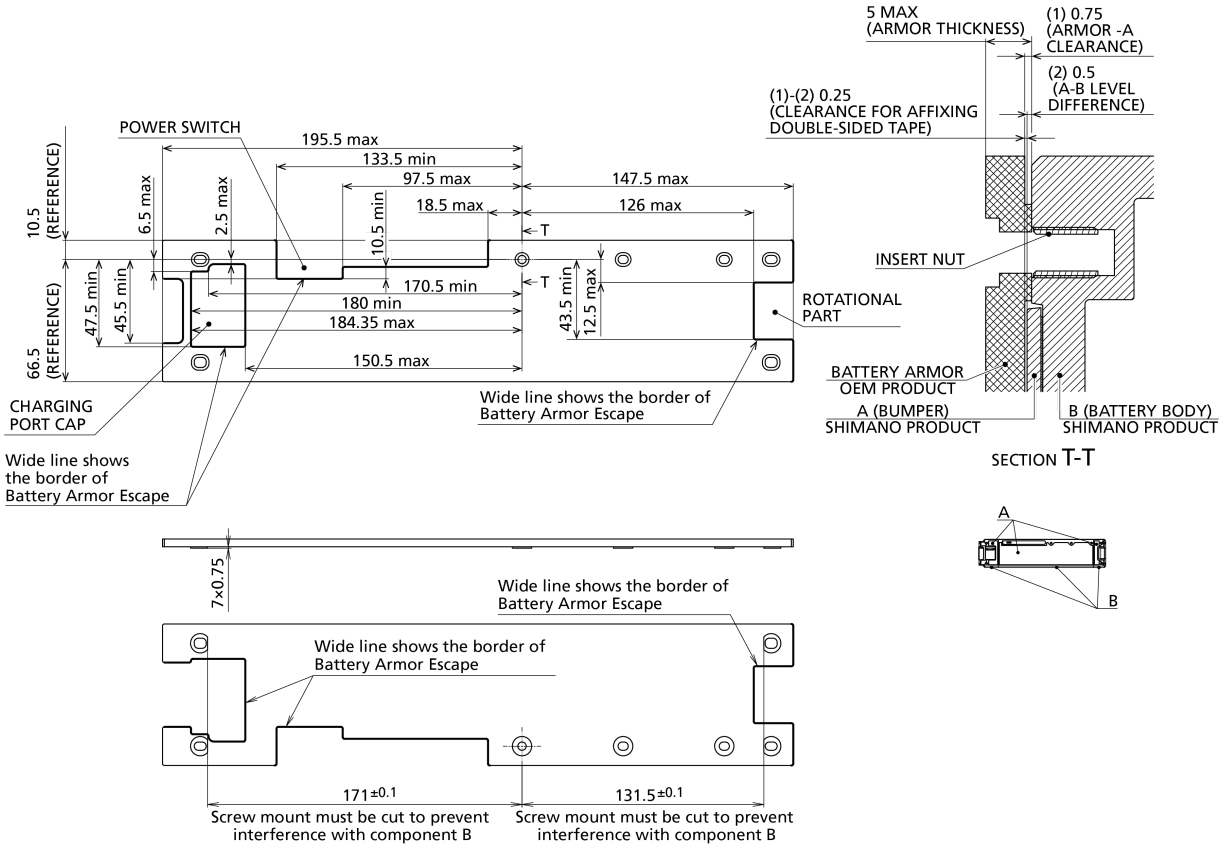
- BT-E8035 / BT-E8035-L / BT-E8036 does not guarantee the impact applied to the battery directly from outside such as stepping stones.
- We recommend a battery armor with the same strength as the frame.
- It is not allowed to fix battery armor only by adhesive tape.

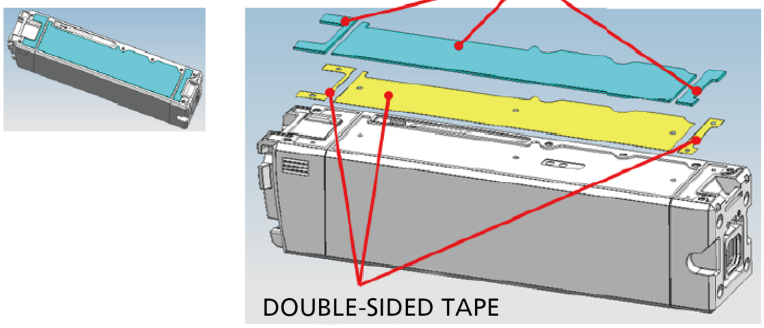


Model No.	L
BT-E8035	330±1.3
BT-E8035-L BT-E8036	401.4±1.5

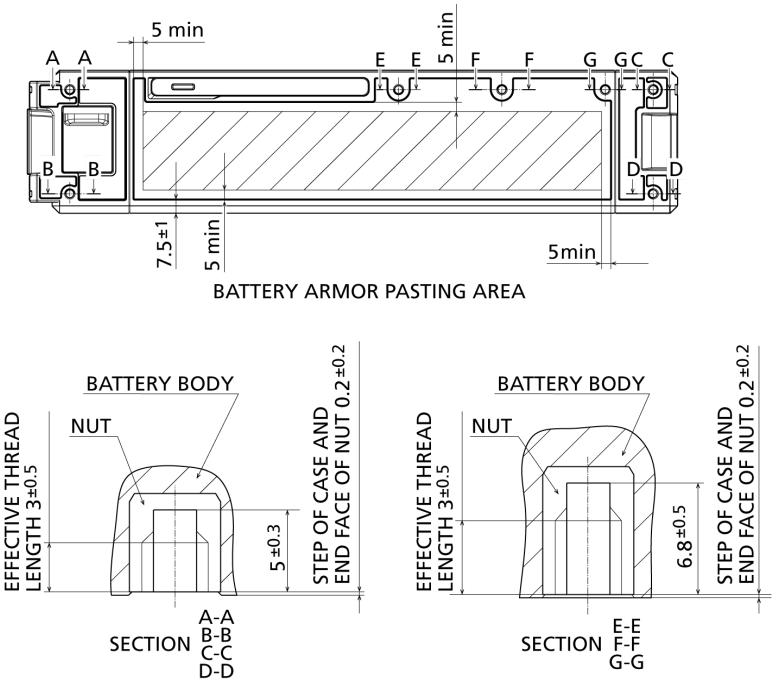
BT-E8020 and BM-E8020

Maximum size of battery armor





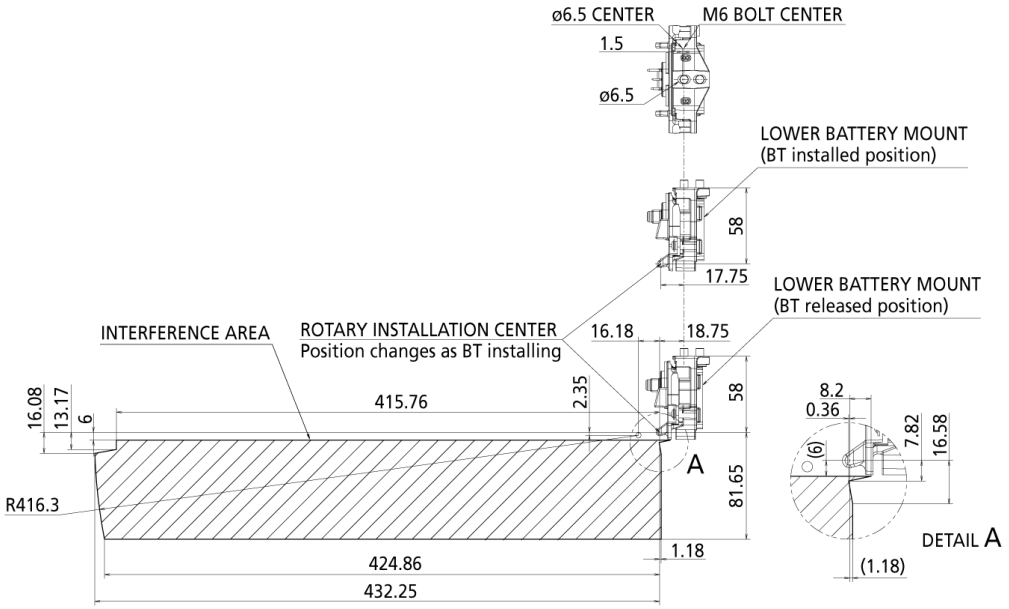
Available area for battery armor pasting area



Interference dimensions (during installation) C-531

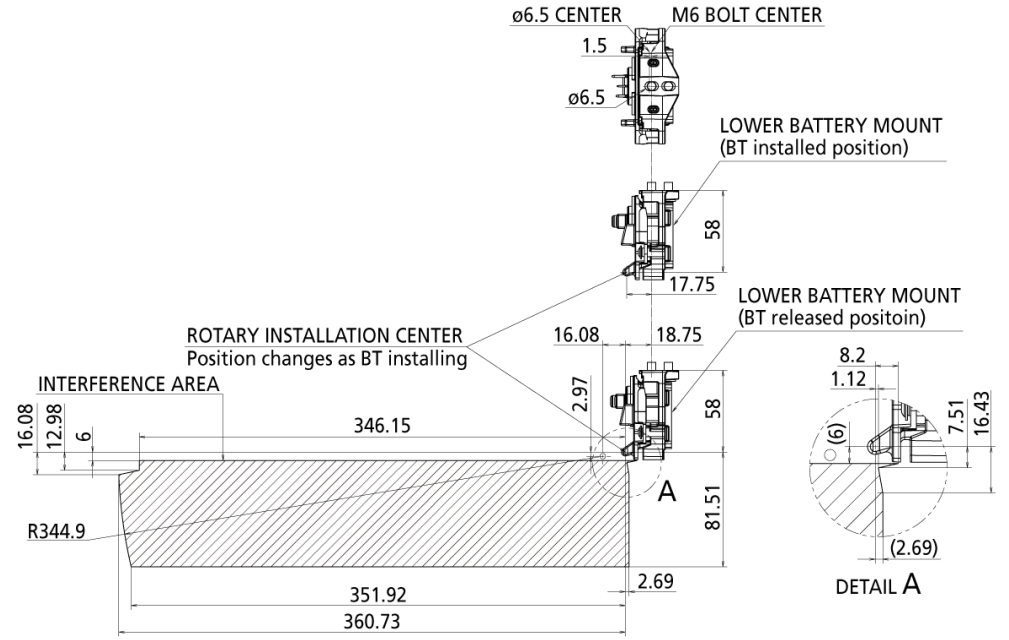
3 BT-E8035-L / BT-E8036

1

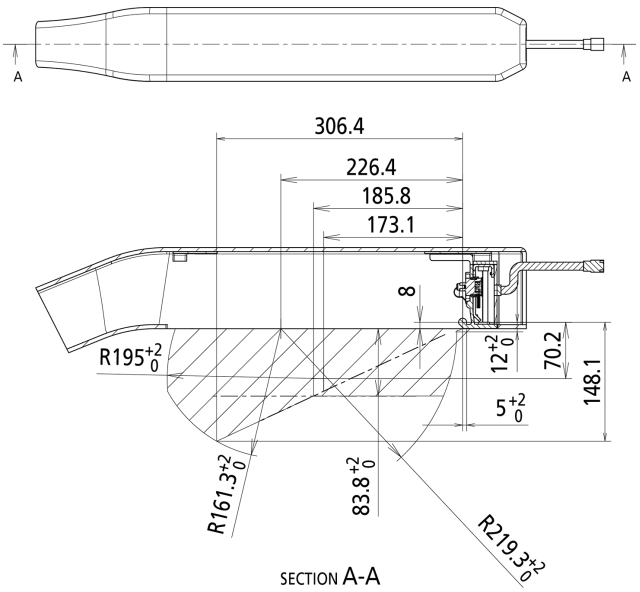


BT-E8035

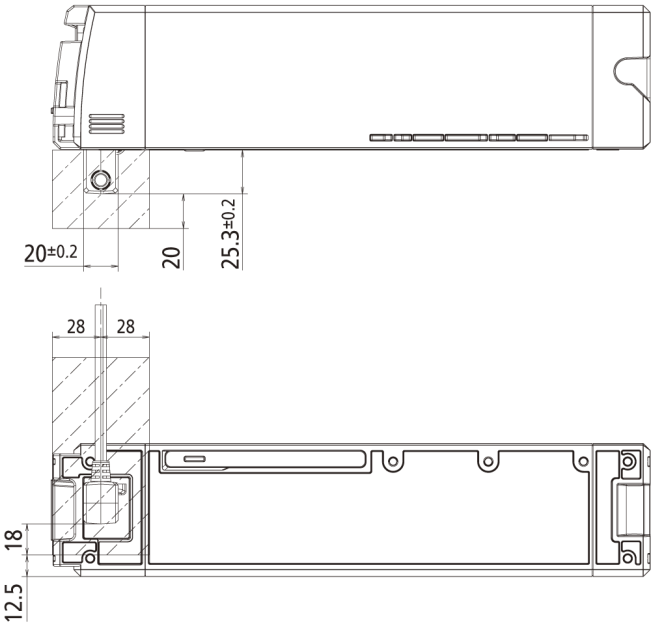
1



BT-E8020

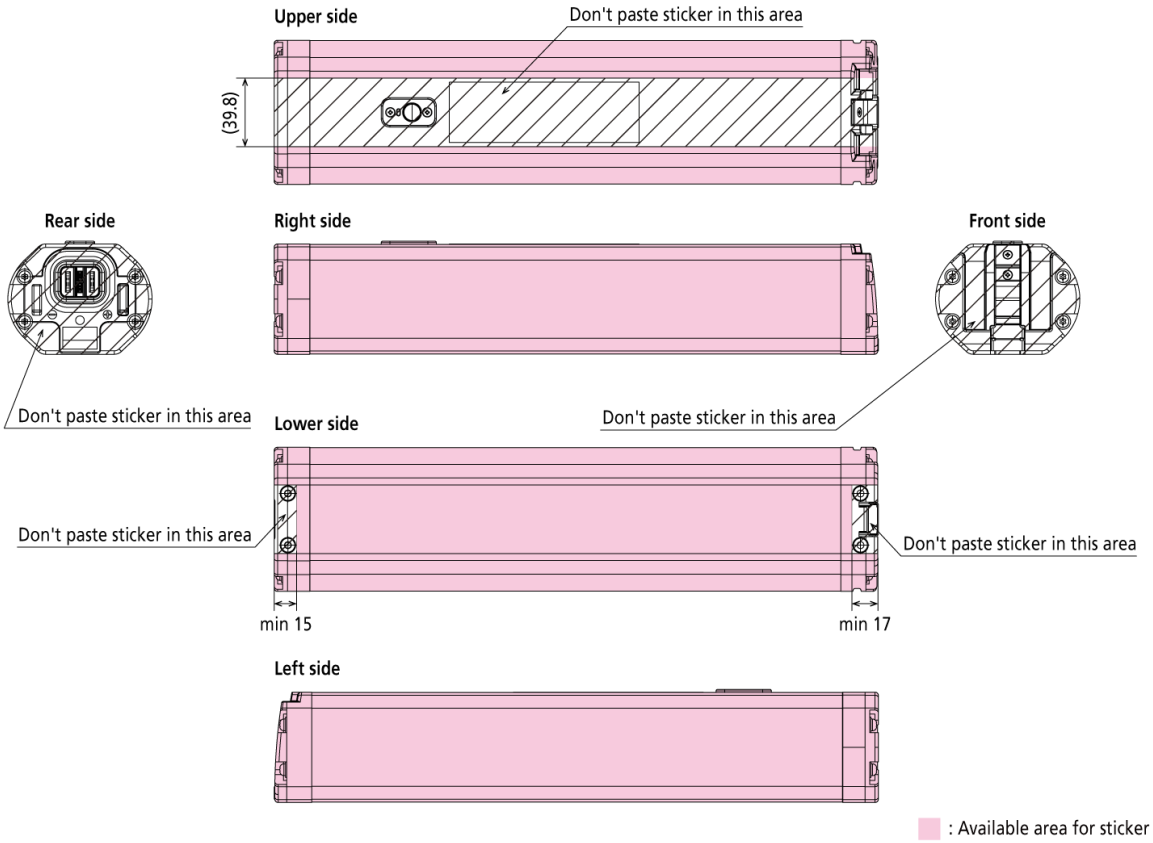


BM-E8020

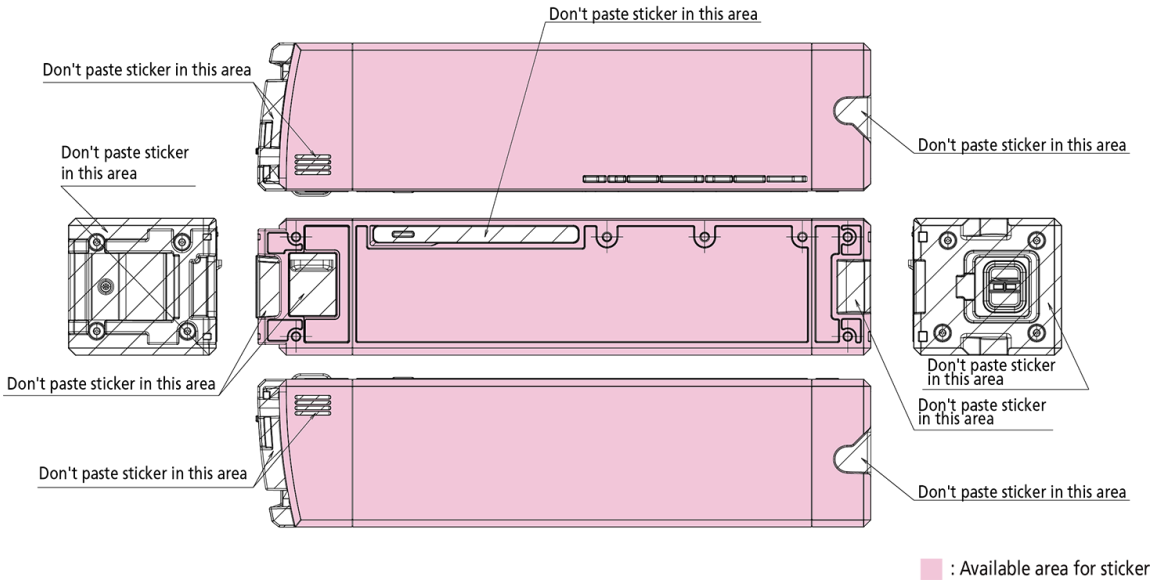


Available area for sticker C-532

BT-E8035 / BT-E8035-L / BT-E8036 and BM-E8030 / BM-E8031

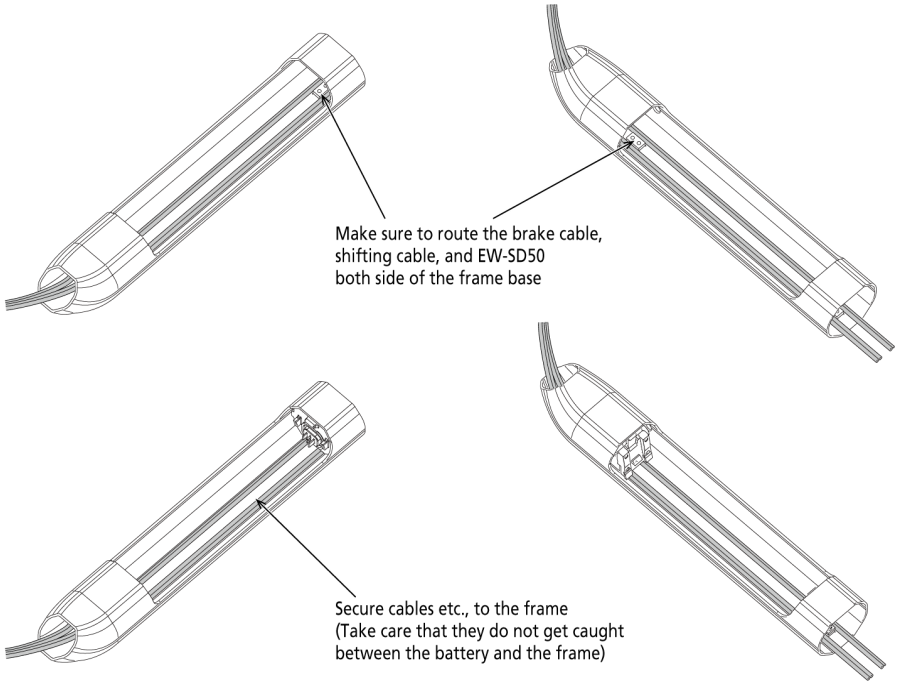


BT-E8020 and BM-E8020

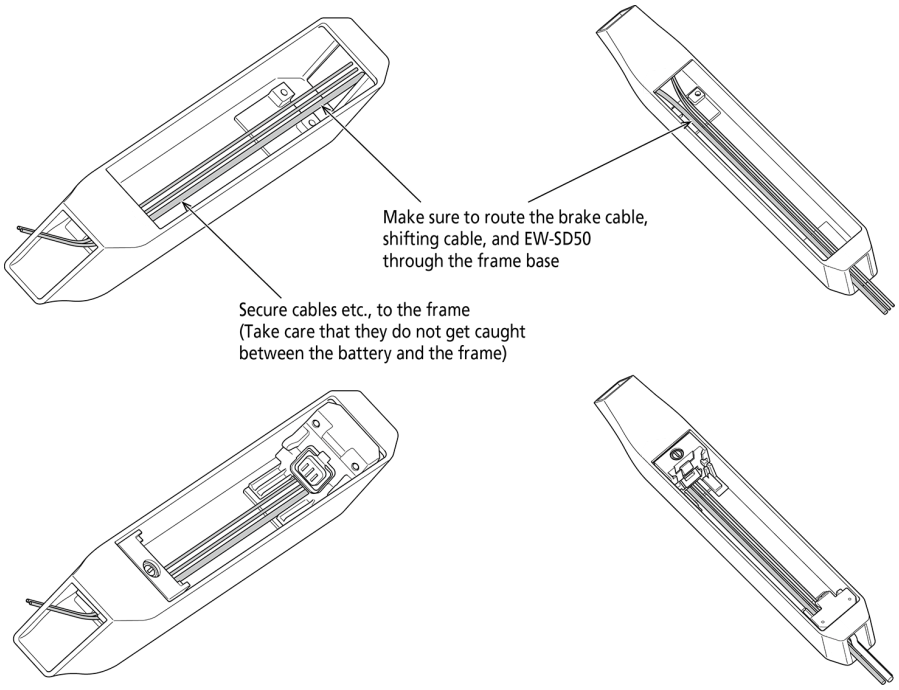


Cable routing C-533

BT-E8035 / BT-E8035-L / BT-E8036 and BM-E8030 / BM-E8031



BT-E8020 and BM-E8020



Battery removal direction : Up or down only C-518

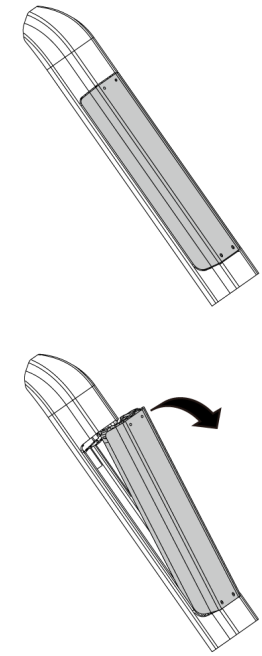
BT-E8035 / BT-E8035-L / BT-E8036 and BM-E8030 / BM-E8031

When you design battery armor or frame that completely covering this battery, it is necessary to design to remove the battery in the battery armor or frame.

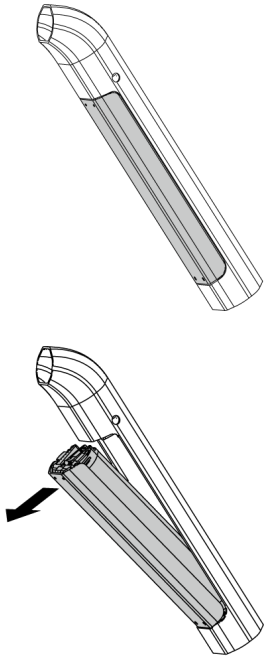
Depending on the dimensions of the frame and the mounting conditions, the battery removal force may be higher (reference: 80N). In case of upward removal, we recommend that you take special care.

In case of upward removal , the power SW of the battery can not be seen during riding. It is recommended to design such that the installed unit is placed in a position where the rider can see.

Upward removal

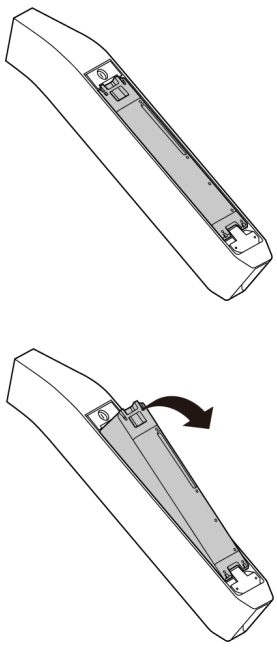


Downward removal

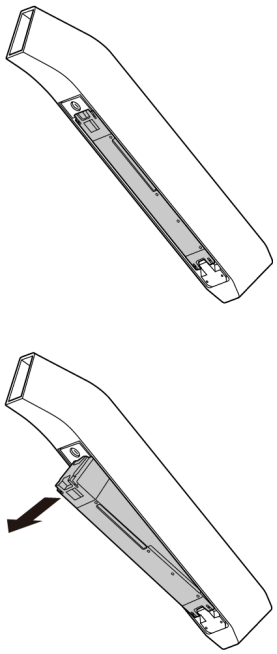


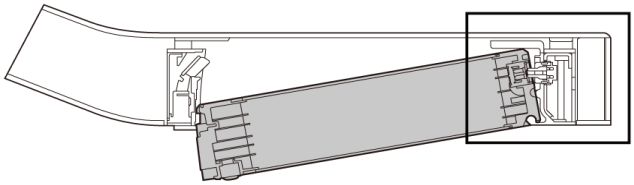
BT-E8020 and BM-E8020

Upward removal

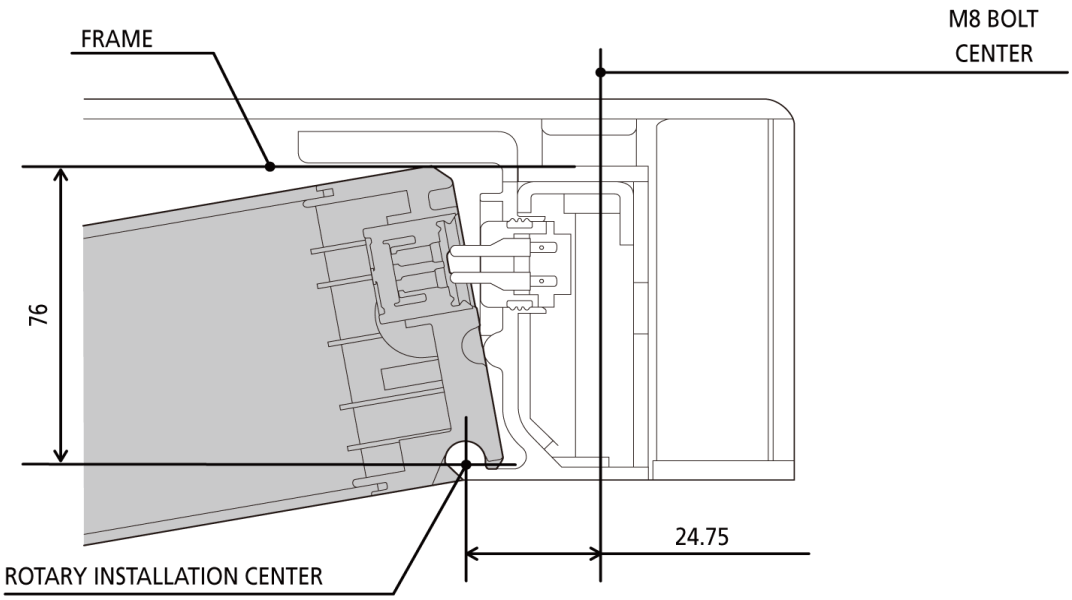


Downward removal



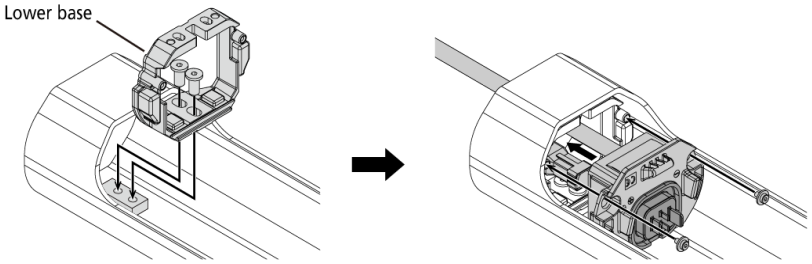


Attaching/removing battery



Assemble battery mount with connector C-519

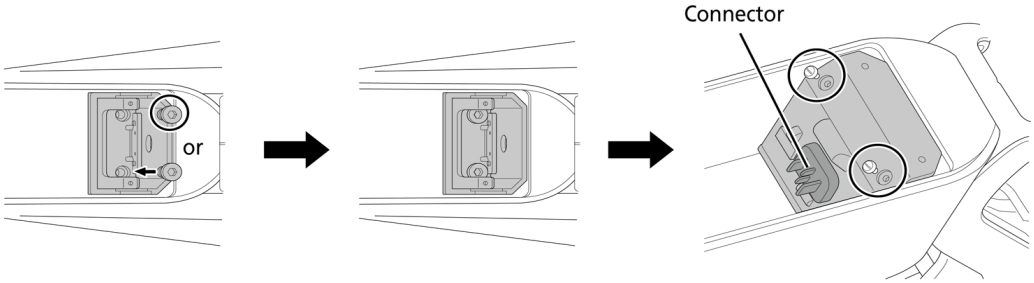
BM-E8030 / BM-E8031



Fix lower base to frame
with M6 hexagon head bolt x 2pcs

Insert connector unit into lower base completely.
Then fix connector unit to lower base with M3 hexagon head bolt with washer x 2pcs.

BM-E8020

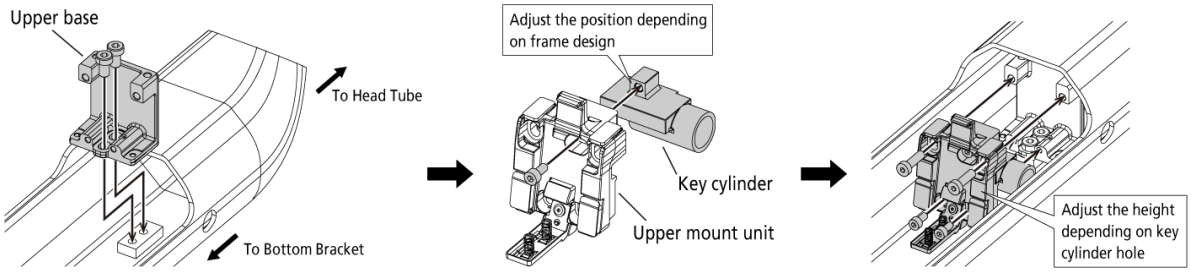


fix holder to frame
M8 hexagon head bolt x 2pcs
By 10Nm

Fix resin cover
M3 hexagon head bolt x 2pcs
from diagonally upward

Assemble Key unit and mount unit C-520

BM-E8030

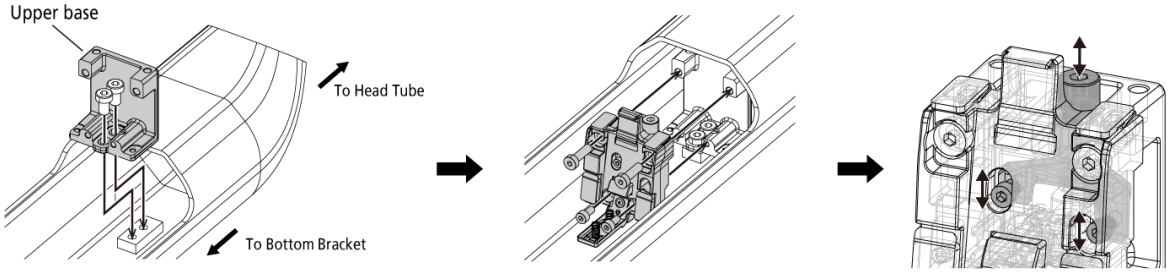


Fix upper base to frame with M6 hexagon head bolt x 2pcs.

Fix key cylinder to upper mount unit with M4 hexagon head bolt × 1pcs.

Fix upper mount unit to upper base with M4 hexagon head bolt × 2pcs and M5 hexagon head bolt × 2pcs.

BM-E8031



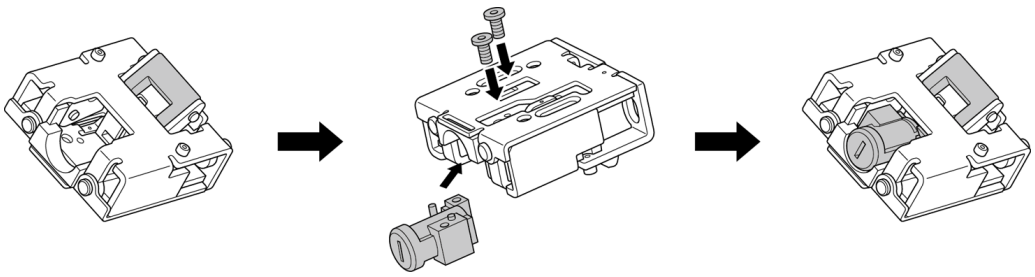
Fix upper base to frame with M6 hexagon head bolt x 2pcs.

Fix upper mount unit to upper base with M4 hexagon head bolt ×2pcs and M5 hexagon head bolt × 2pcs.

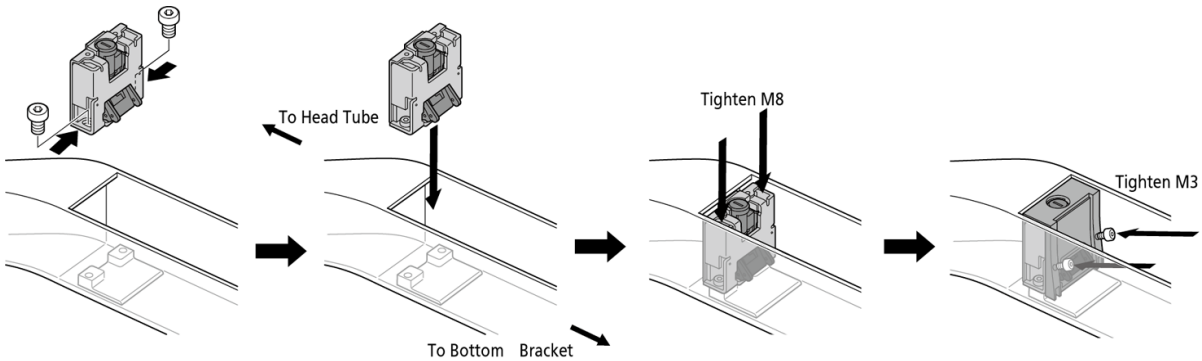
You can change the height of hex wrench surface by loosing these two bolts.

BM-E8020

Pre assembly to fix key cylinder to the mount unit with M5 hexagon head bolt x 2pcs

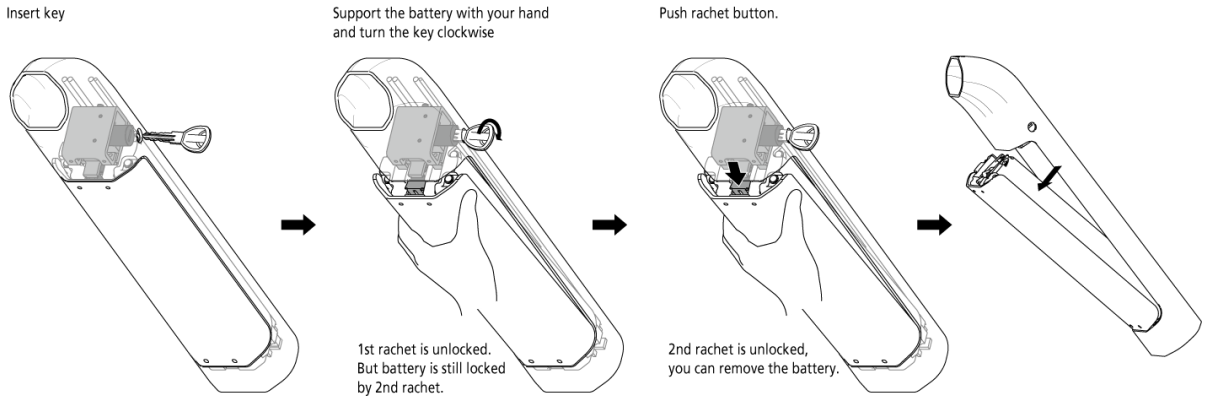


Fix mount unit to frame M8 hexagon head bolt x 2pcs by 10Nm

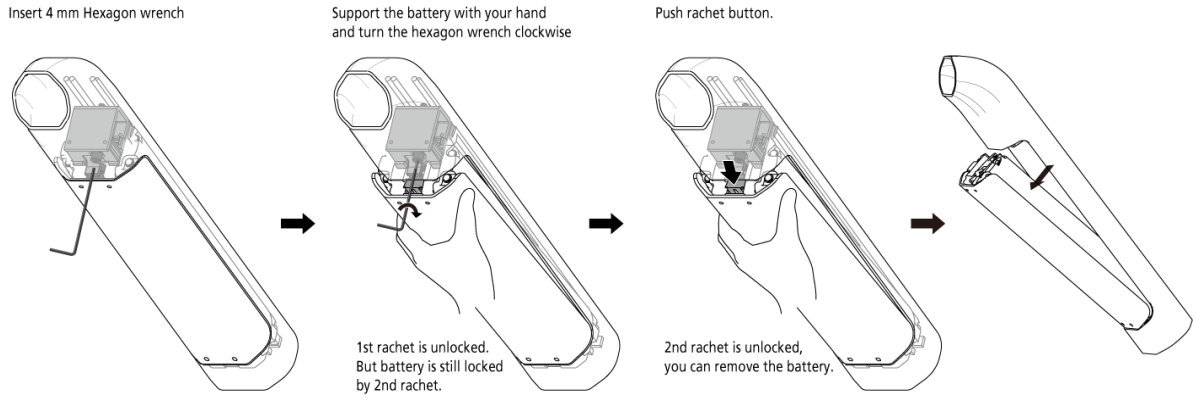


Removal battery C-521

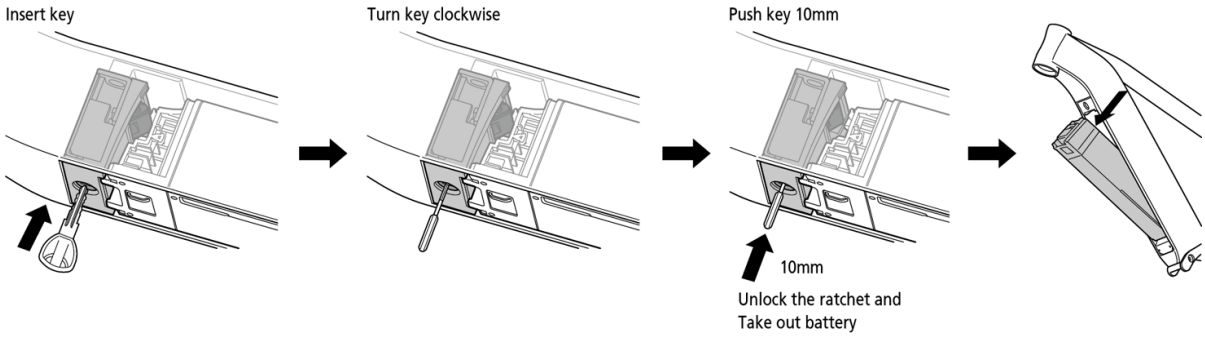
BM-E8030



BM-E8031

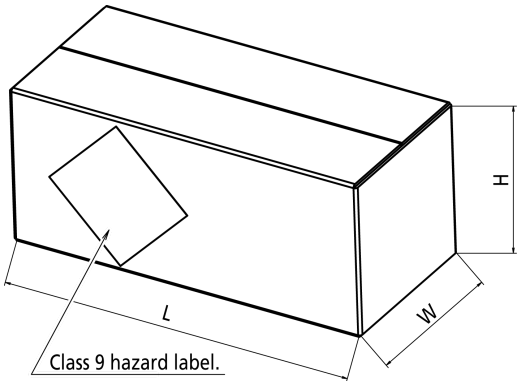


BM-E8020



Packing case (Class 9)

C-414



3 7 14

Model No.	L	W	H
BT-E8036 BT-E8035-L	481	177	163
BT-E8035	448	180	169
BT-E8020			
BT-E8016	377	147	
BT-E8014			
BT-E8010			
BT-E6000 BT-E6001 BT-E6010	448	180	

Key unit

C-523

Battery mount doesn't include key unit.

Contact below lock makers regarding compatibility with key unit and battery mount.

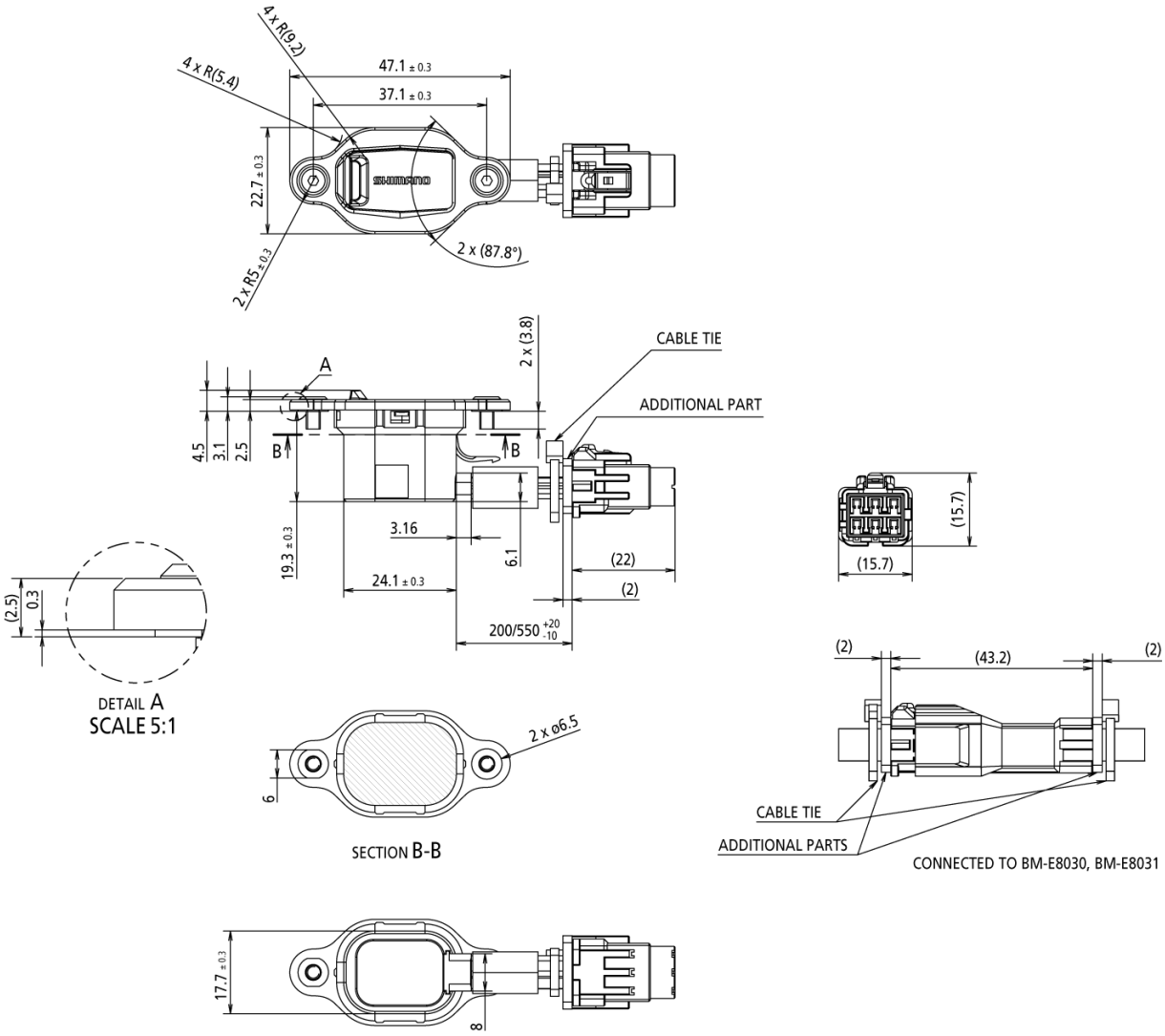
3

Model No.	Lock makers
BM-E6000-A	AXA
BM-E6000-B	ABUS / TRELOCK
BM-E6010	ABUS / AXA / TRELOCK
BM-E8010	
BM-E8016	
BM-E8020	
BM-E8030	
BM-E8031	-

Satellite charging port for E-BIKE

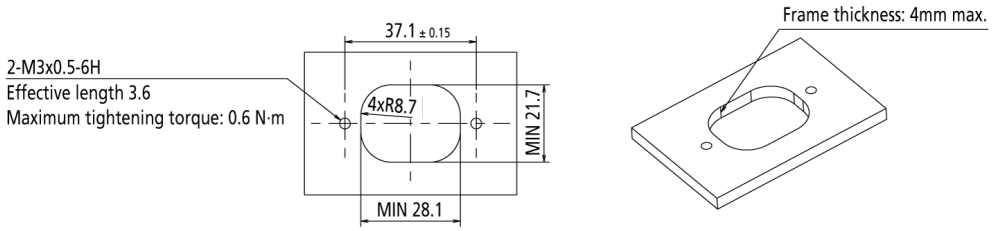
Dimensions C-565

EW-CP100



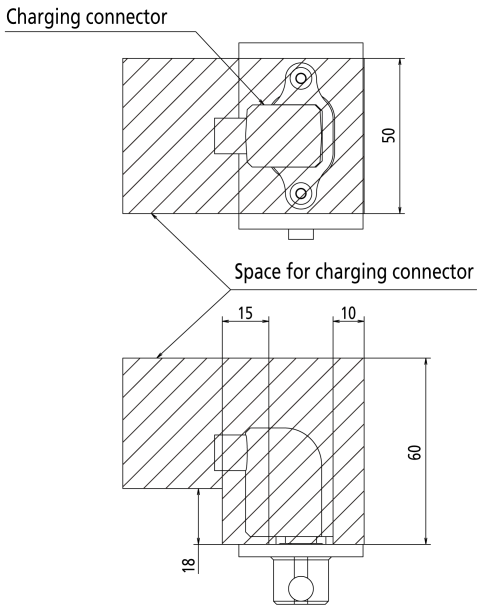
Frame requirements C-566

EW-CP100



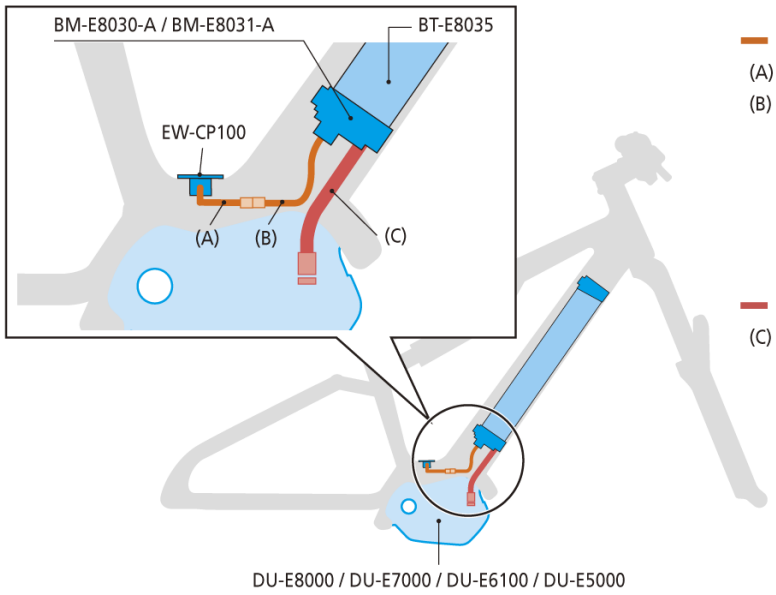
Interference dimensions C-567

EW-CP100



Wiring diagram C-610

EW-CP100



Power line for charging

(A) : 200 mm or 550 mm (from satellite charging port)

(B) : 200 mm (from battery mount)

BM-E8030-A BM-E8031-A	✓ (Connect to EW-CP100)
BM-E8030-B * BM-E8031-B *	Not compatible with EW-CP100

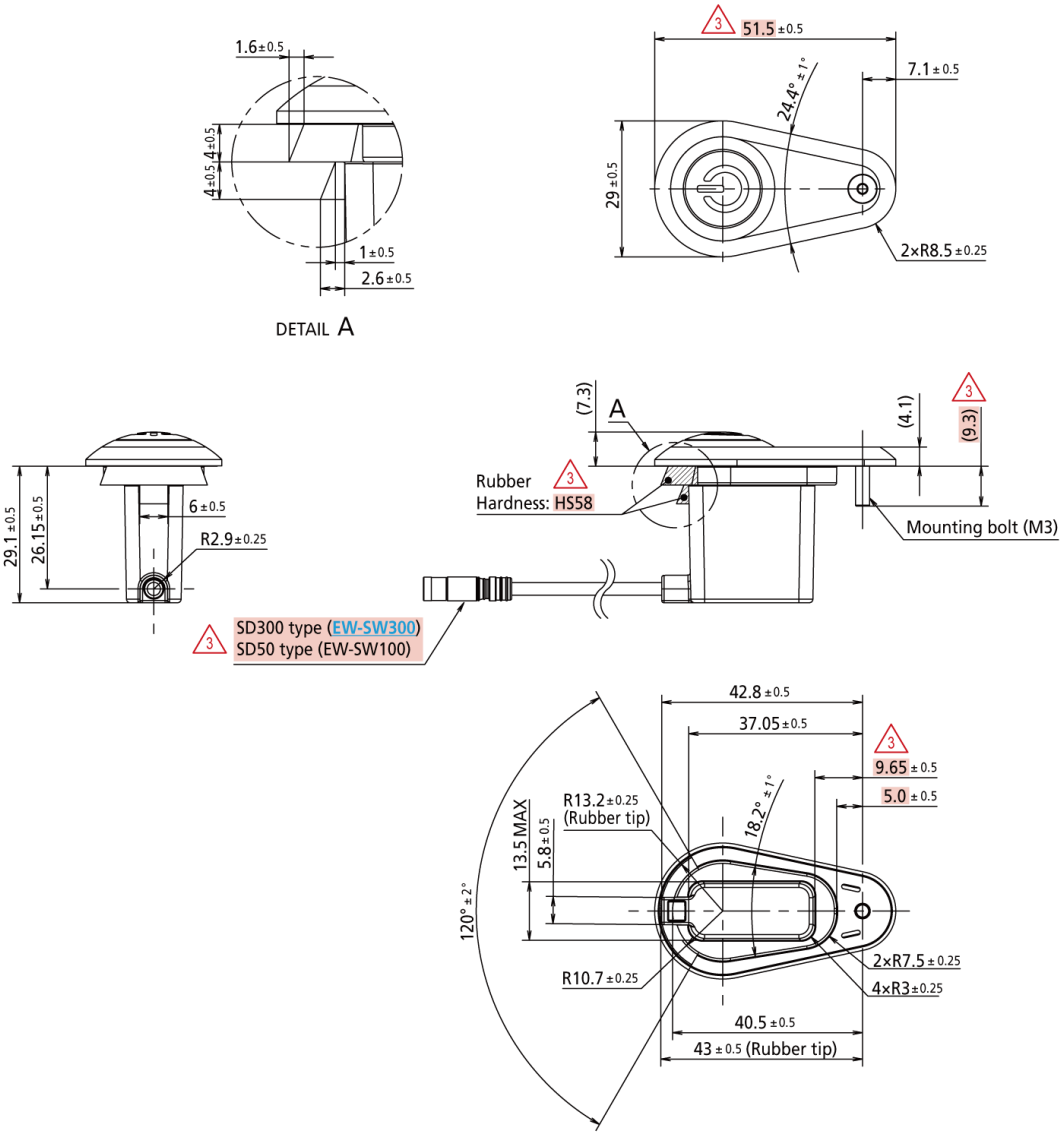
* Need SM-BTE80 for charging.

Power source line to drive unit

(C) : 250 mm or 400 mm (from battery mount)

Dimensions C-572

EW-SW300 / EW-SW100

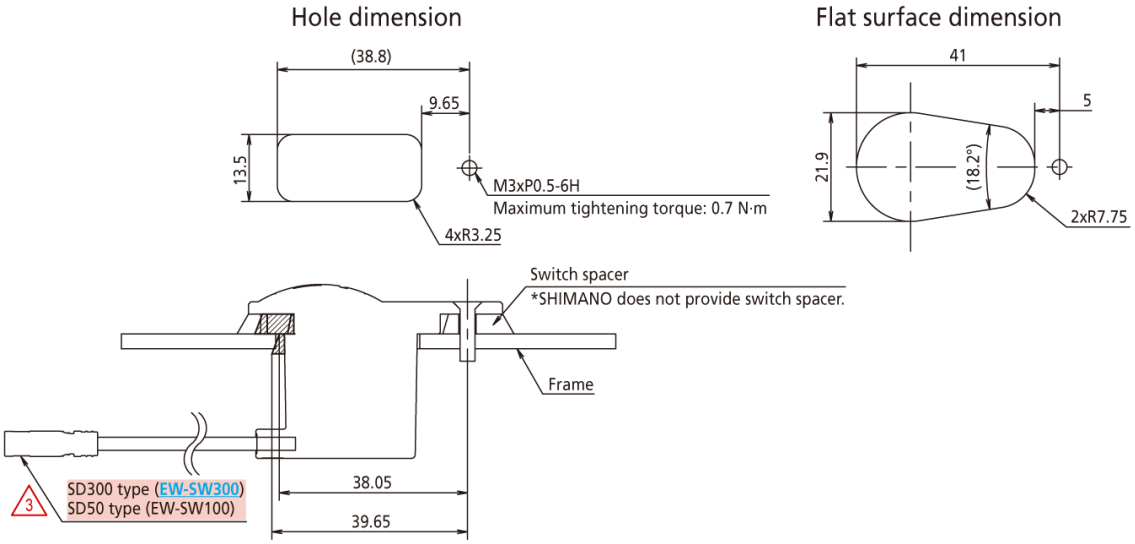


Frame requirements C-573

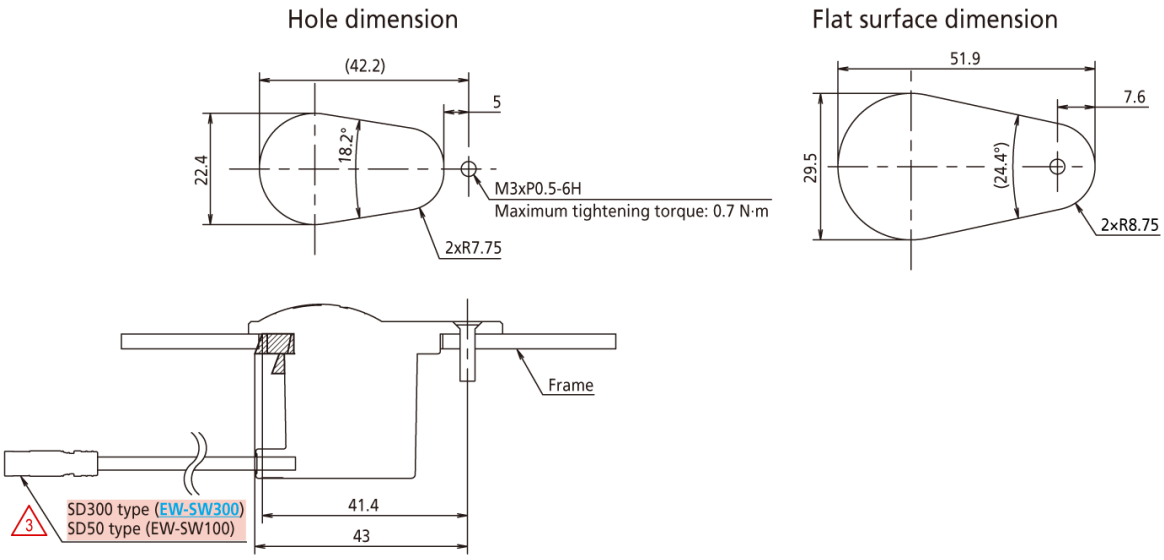
3 EW-SW300 / EW-SW100

SHIMANO does not provide switch spacer.

Mounting dimension (small)



Mounting dimension (large)

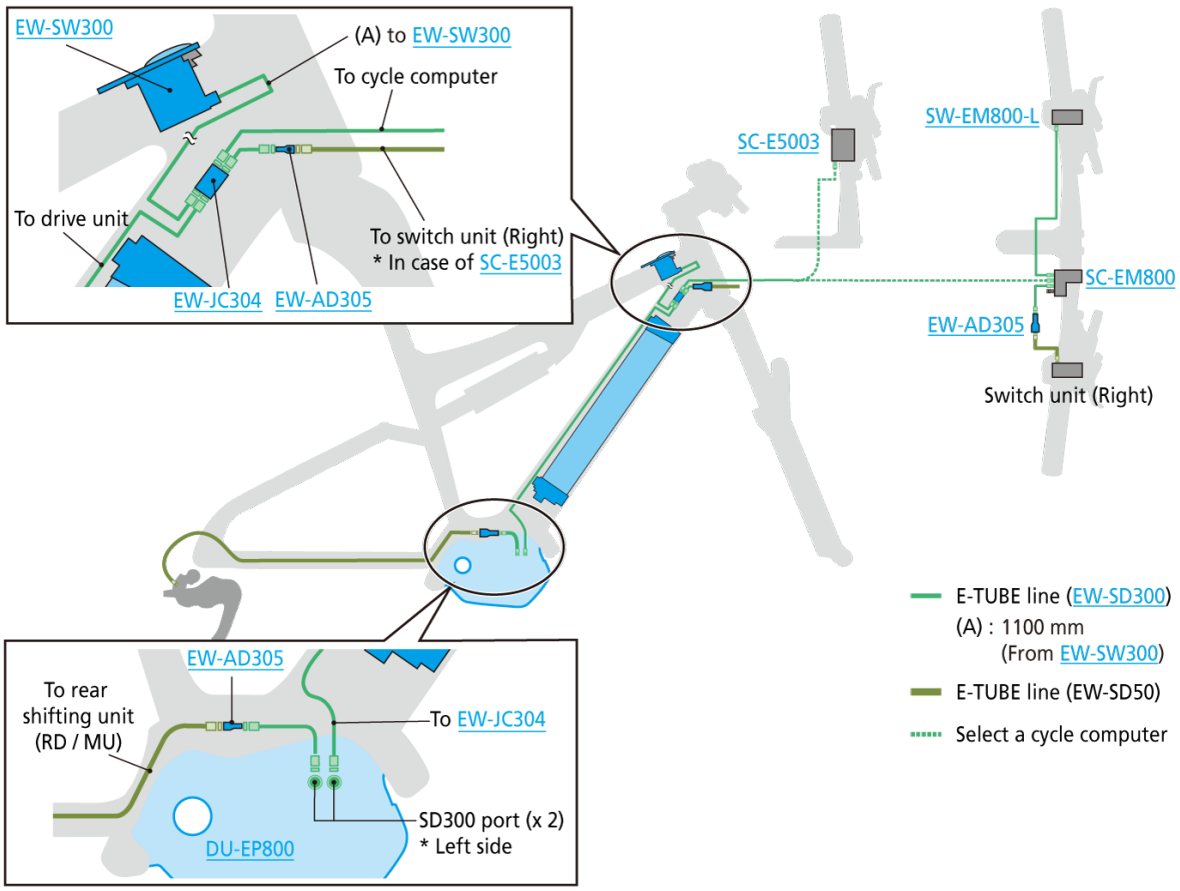


Wiring diagram C-611

EW-SW300

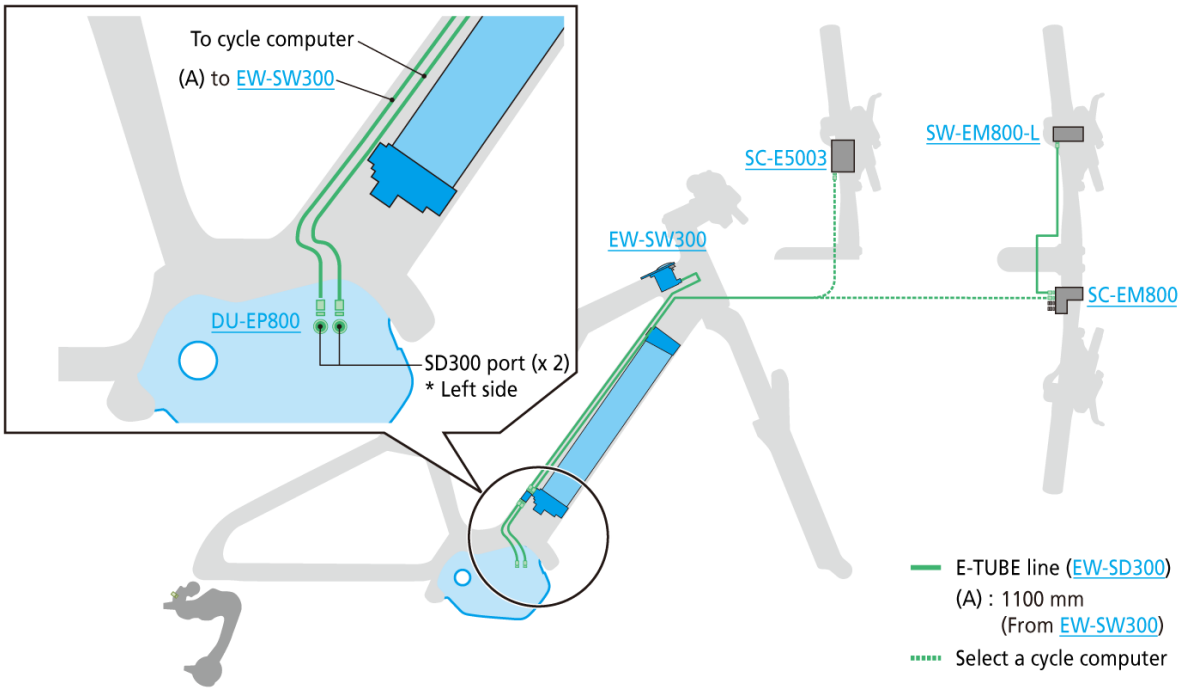
Electronic shifting spec. (DU-EP800)

13



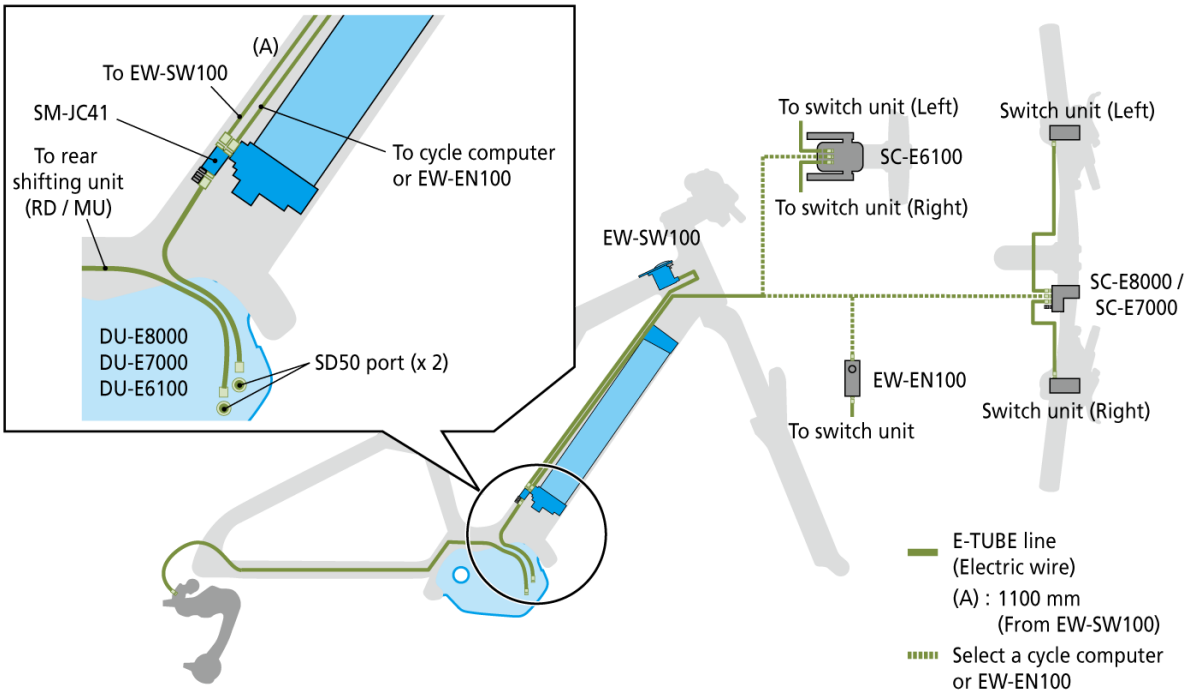
13 Mechanical shifting spec. (DU-EP800)

13

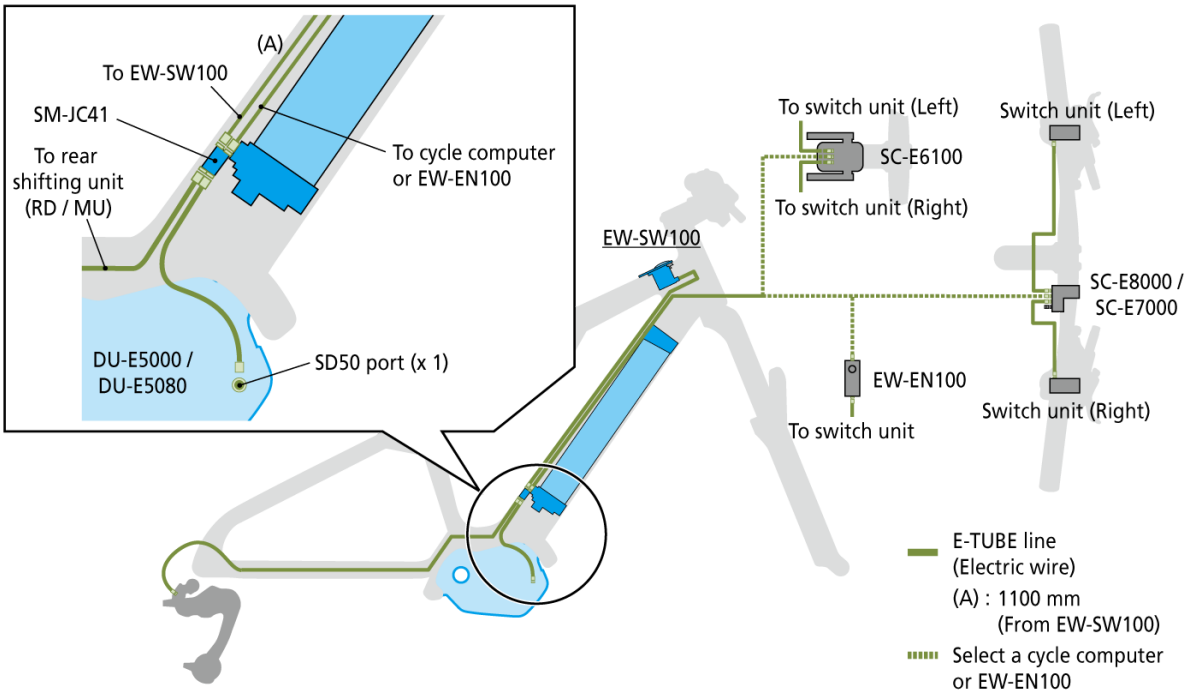


EW-SW100

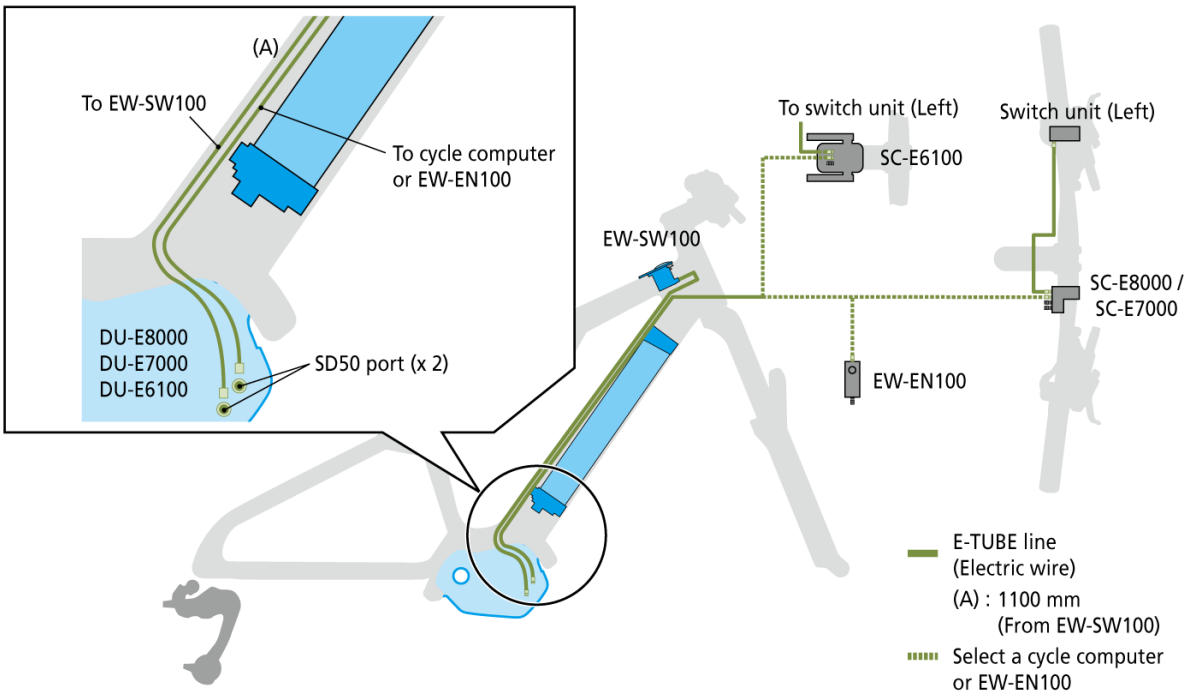
Electronic shifting spec. (DU-E8000 / DU-E7000 / DU-E6100)



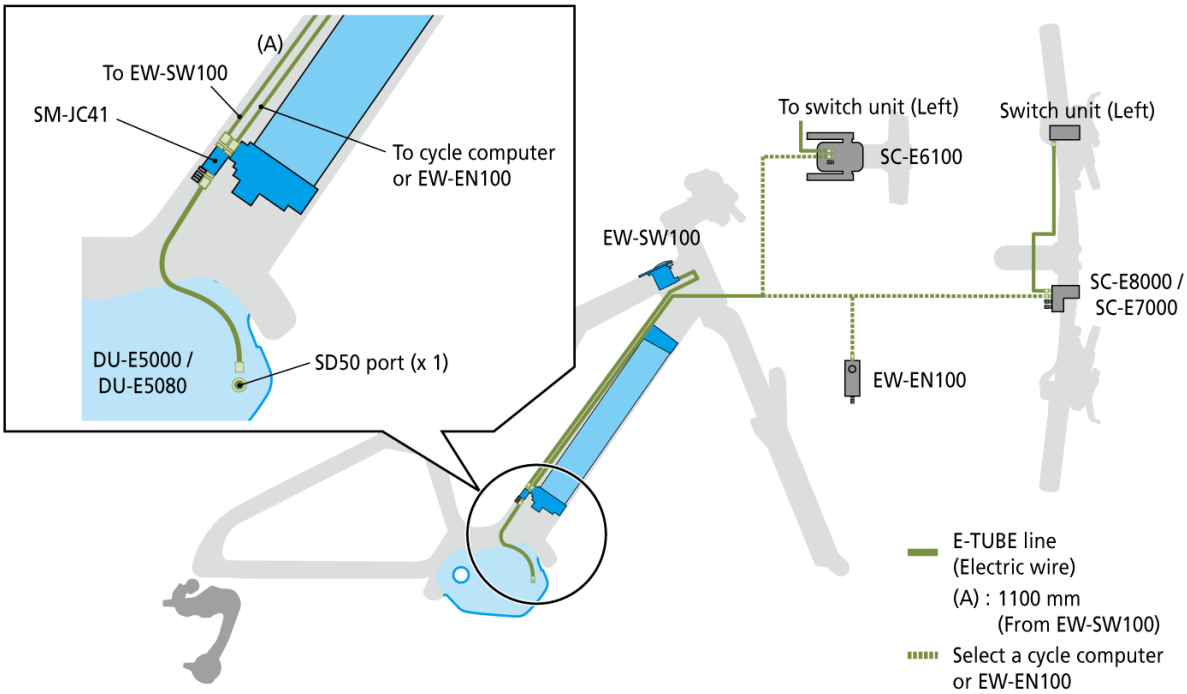
Electronic shifting spec. (DU-E5000 / DU-E5080)



Mechanical shifting spec. (DU-E8000 / DU-E7000 / DU-E6100)



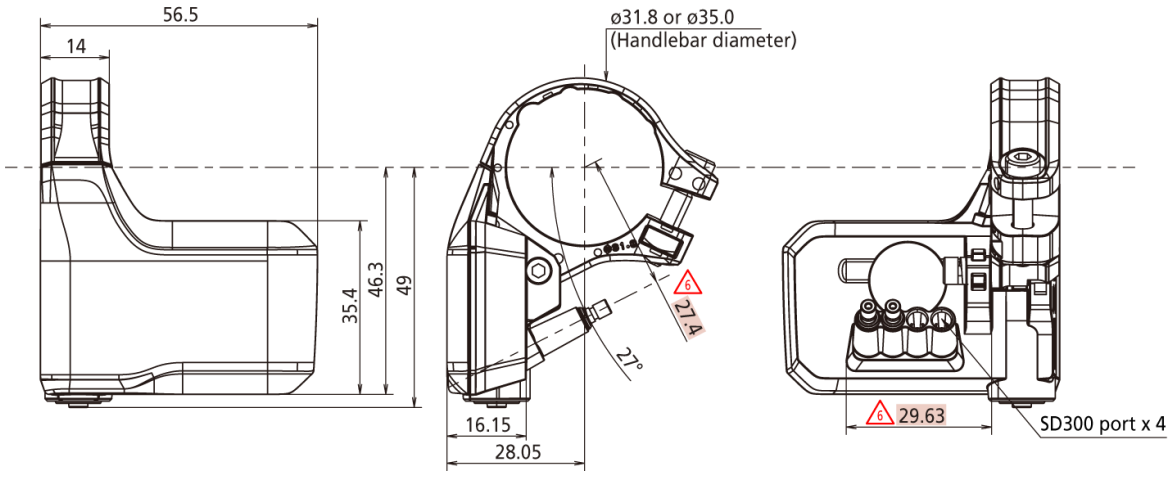
Mechanical shifting spec. (DU-E5000 / DU-E5080)



Dimensions

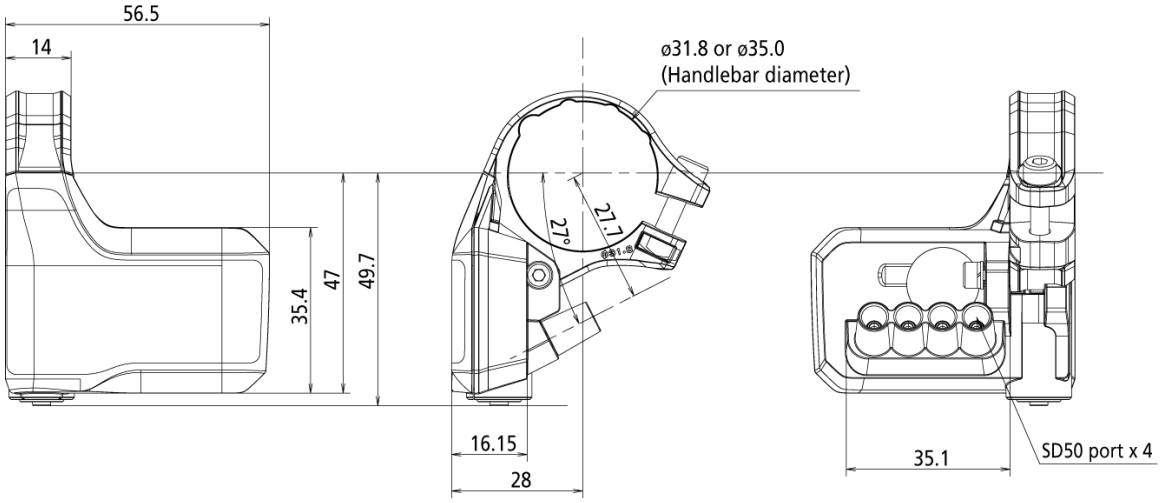
C-416

SC-EM800



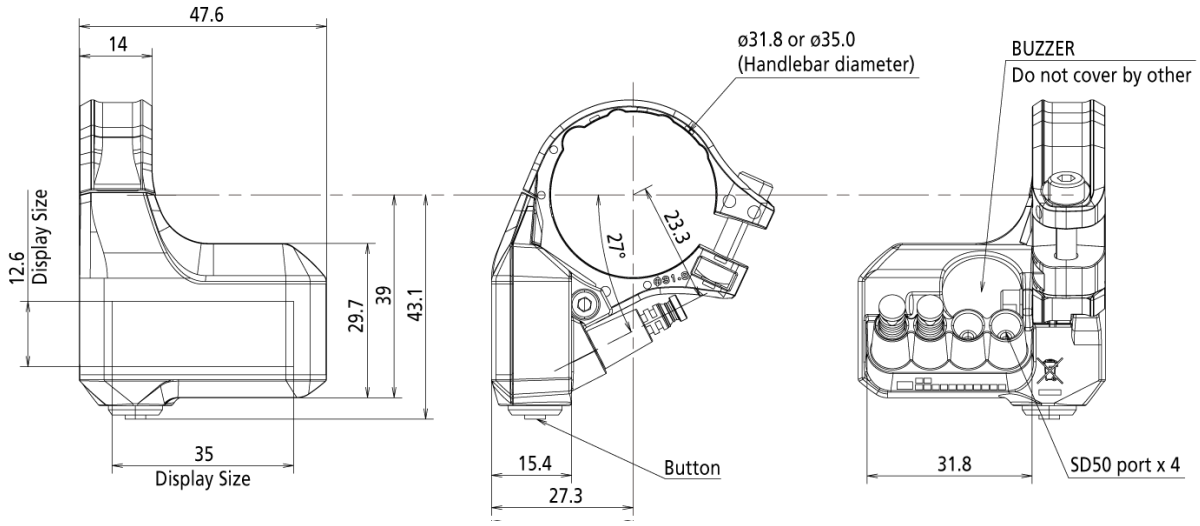
* different size of clamp band are available

SC-E8000



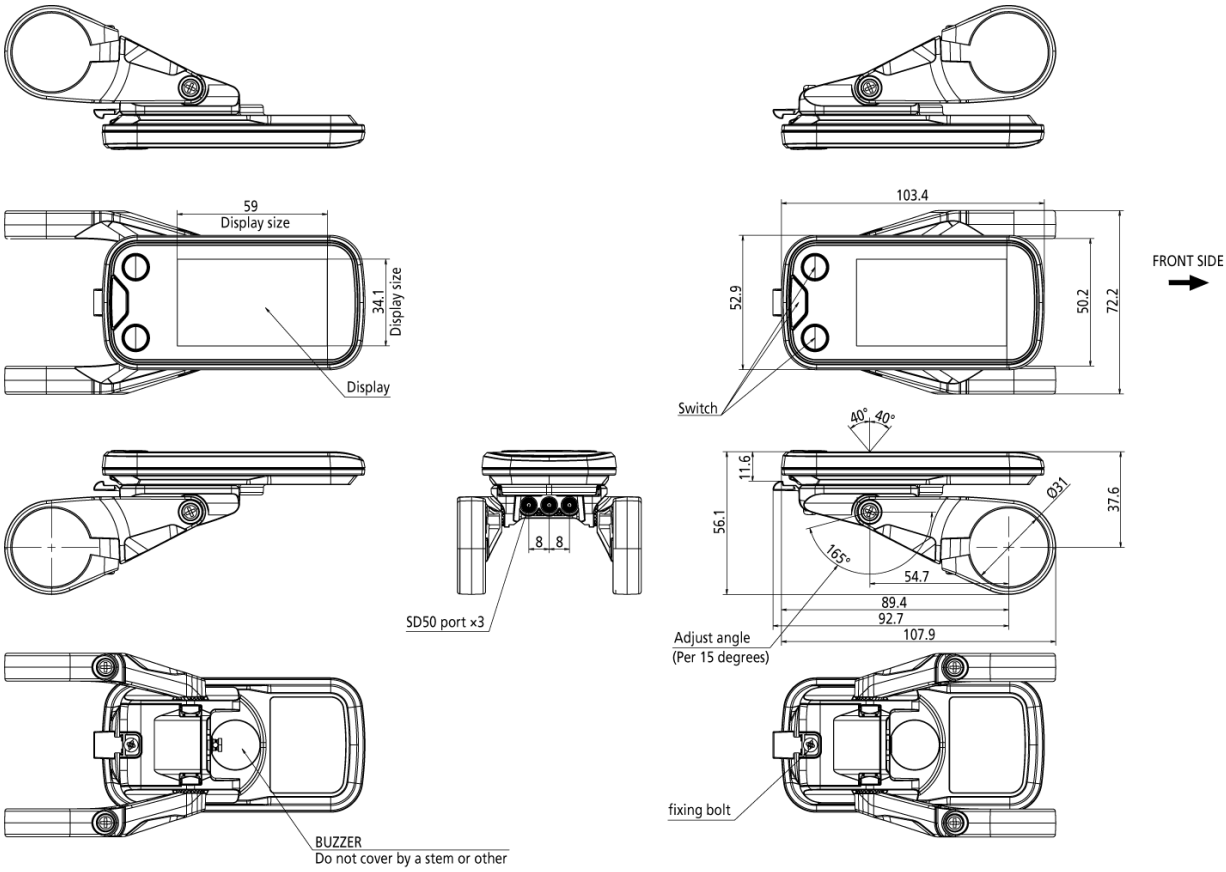
* different size of clamp band are available

SC-E7000

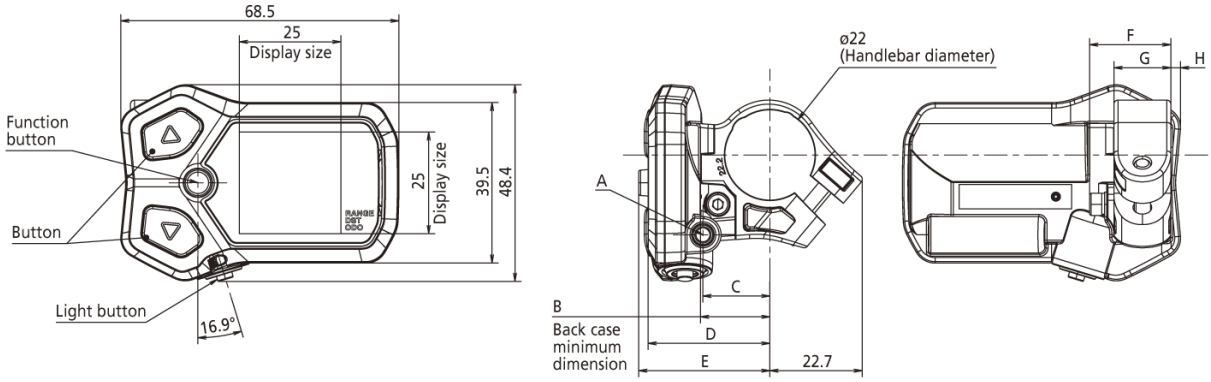


* different size of clamp band are available

SC-E6100

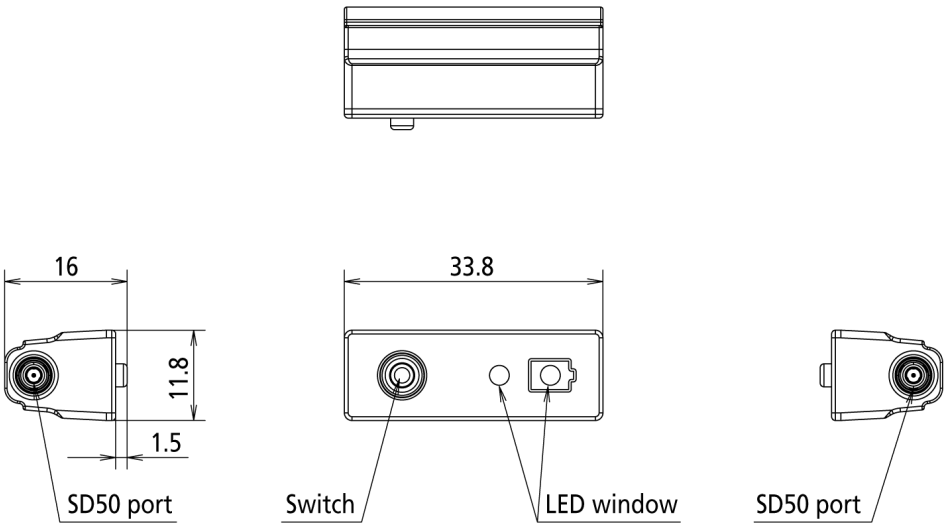


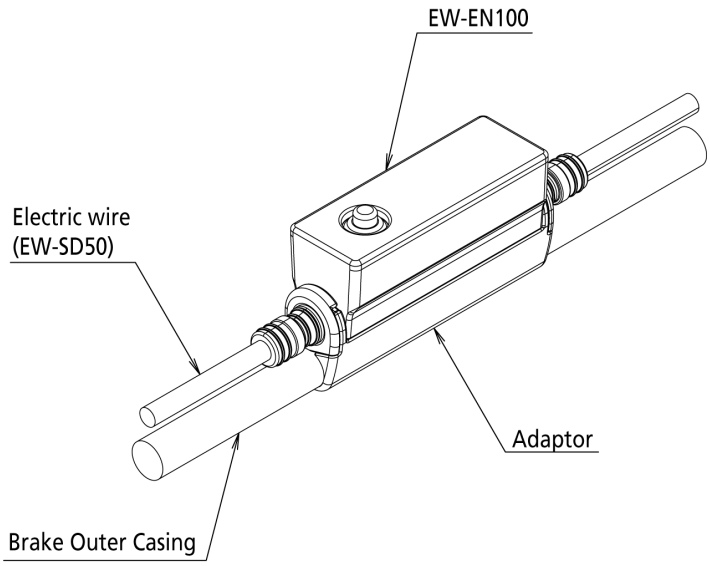
SC-E5000 / SC-E5003



	SC-E5000	SC-E5003	SC-E5000A	SC-E5003A
A	EW-SD50 port	EW-SD300 port	EW-SD50 port	EW-SD300 port
B	17.1	17.1	21.7	21.7
C	16.5	17.6	21.1	22.2
D	30.0	30.0	34.6	34.6
E	32.3	32.3	36.9	36.9
F	19.0	19.0	18.8	18.8
G	14.0	14.0	13.8	13.8
H	2.4	2.4	2.6	2.6

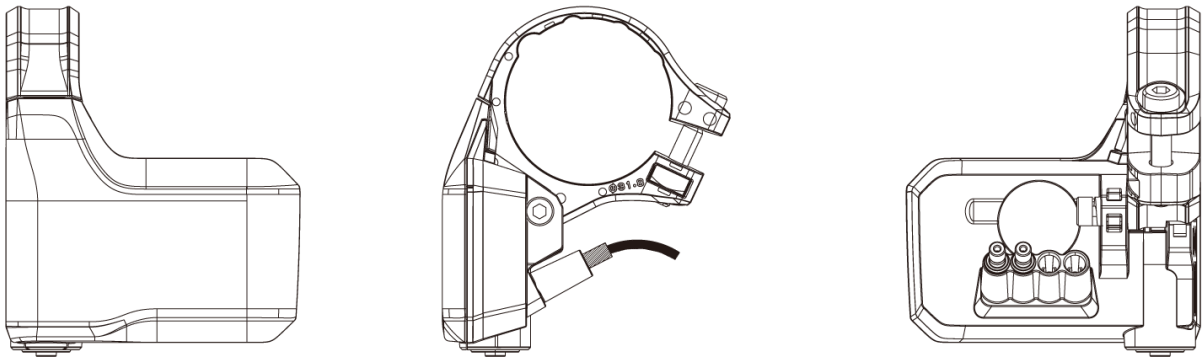
* SC-E5000A: I-SPEC EV specification
SC-E5003A: I-SPEC EV specification


16
33.8
11.8
1.5
SD50 port
Switch
LED window
SD50 port

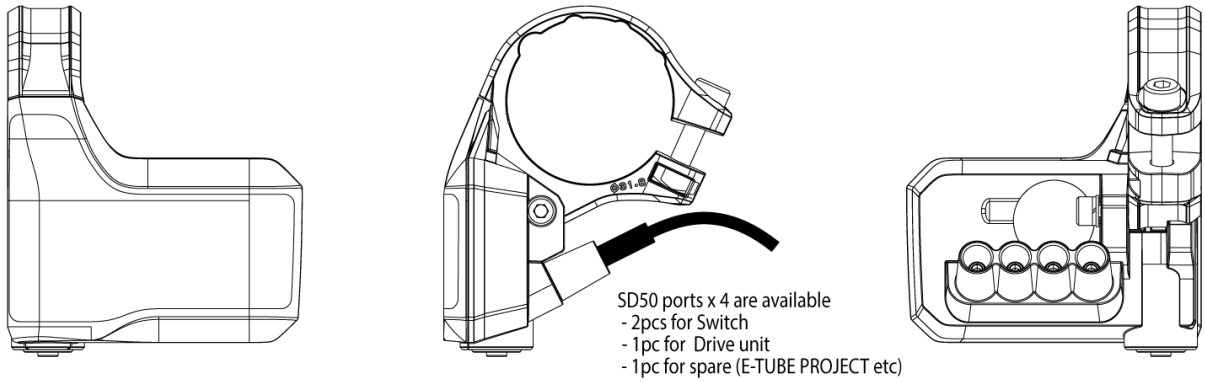

EW-EN100
Electric wire
(EW-SD50)
Adaptor
Brake Outer Casing

Cable directions

SC-EM800

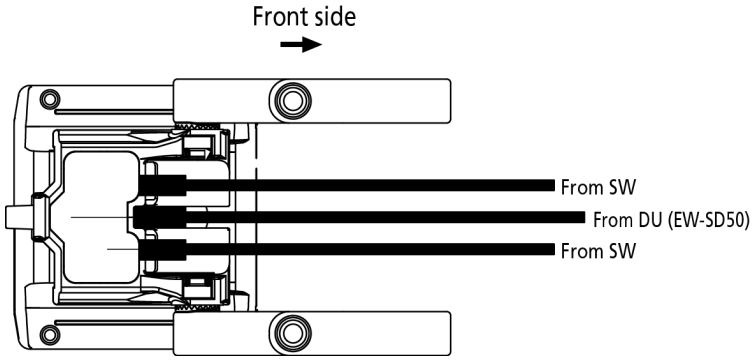


SC-E8000 / SC-E7000

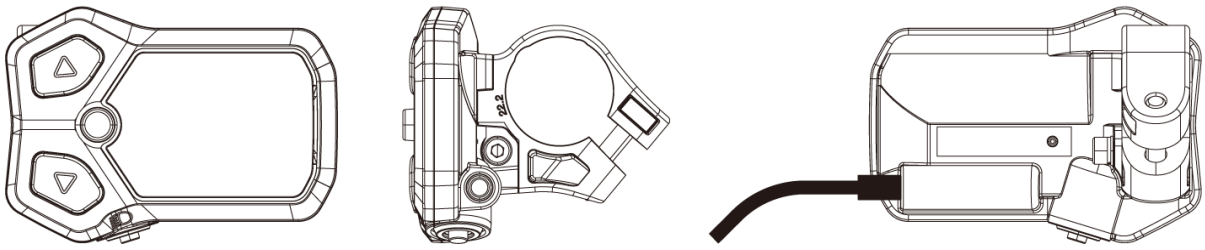


SC-E6100

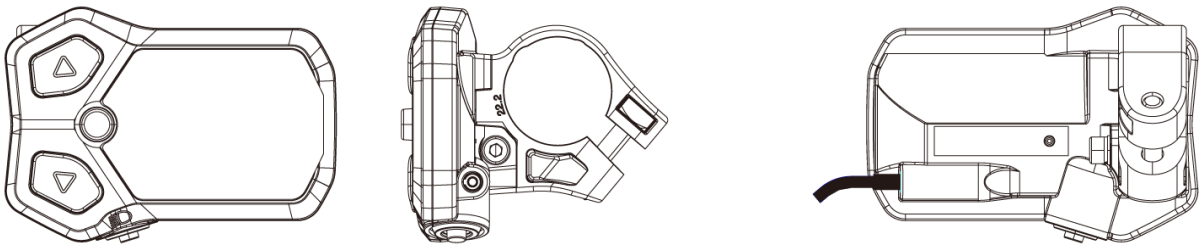
SC-E6100 has three SD50 ports.
Two ports are connected with SW units and one port is connected with the cable from DU.



SC-E5000



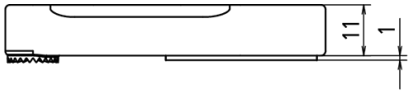
SC-E5003

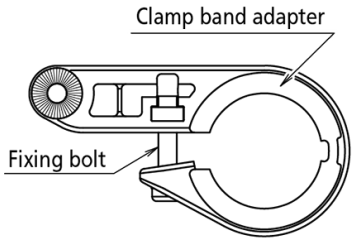


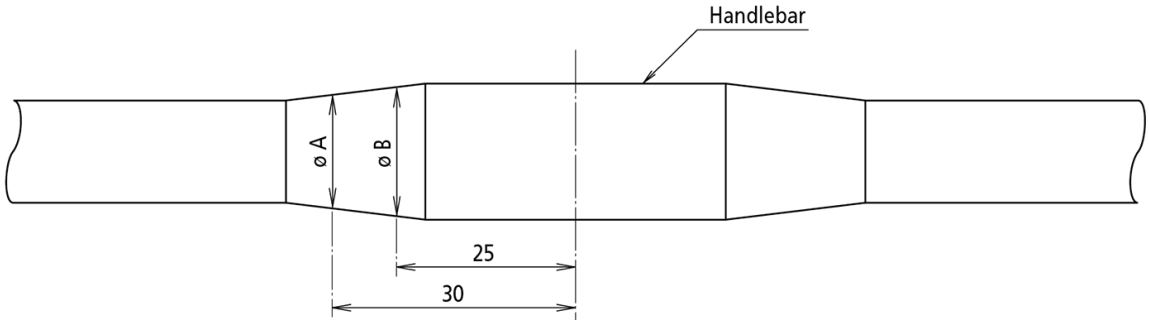
Accessary for cycle computer and recommended handlebar dimensions

C-418

SC-E6100







øA	øB - øA	Adapter	Fixing bolt
ø23.4 - ø24	0 - 1.1	✓	15.5mm
ø24 - ø25.5	0 - 1.1	✓	20mm
ø31.3 - ø31.9	0 - 0.6	-	20mm

✓: Needed

Dimensions C-507

SW-E8000-L