THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED (1)/ ~~APPROVAL EXTENDED (1)~~/ ~~APPROVAL REFUSED (1)~~/ ~~APPROVAL WITHDRAWN (1)~~/ ~~PRODUCTION DEFINITELY DISCONTINUED (1)~~ OF A TYPE OF PROTECTIVE HELMET WITH/~~WITHOUT (1)~~/ ONE/~~MORE THAN ONE (1)~~/ VISOR TYPE(S) PURSUANT TO REGULATION NO. 22.05

E11 Approval No: 22R-050577/P

Reason for Extension: Not applicable

1. Trade mark: SCORPIONEXO

2. Type: EXO-490

3. Sizes: XXL, XL, L, M, S, XS

4. Manufacturer's name: KIDO SPORTS Co., Ltd.

5. Address:

657-3,
Deungchon-dong,
Gangseo-gu,
Seoul,
Korea

6. If applicable, name of manufacturer's representative: Not applicable

7. Address: Not applicable

8. Brief description of helmet: See manufacturer`s documentation

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9. Helmet ~~without lower face cover (J) /~~ with protective lower face cover (P) /~~ with non protective lower face cover (NP)~~ [(1)]

10. Type of visor or visors: KDF-11-S

11. Brief description of visor or visors: Clear visor, made of Polycarbonate (PC) with anti-scratch coating, thickness 2.0mm

12. Submitted for approval on: 27 January 2016

13. Technical service responsible for conducting approval tests: Vehicle Certification Agency

14. Date of report issued by that service: 4 February 2016

15. Number of report issued by that service: KSR349456 (0577/P)

16. Comments: None

17. Approval GRANTED/~~EXTENDED/REFUSED/WITHDRAWN~~ [(1)]

18. Place: BRISTOL

19. Date: 11 APRIL 2016

20. Signature:

D LAWLOR
Head of Technical Standards and Legislation

21. The following documents, bearing the approval number shown above, are available on request

Any remarks: Approval to Supplement 2

(1) Strike out what does not apply.

R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS AND PASSENGERS OF MOTORCYCLES AND MOPEDS

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1. GENERAL INFORMATION

1.1 Trade mark:

SCORPIONEXO

1.1. Type:

EXO-490

1.2. Variants / Versions: N/A

1.3. Name and address of manufacturer:

KIDO SPORTS Co., LTD.
657-3, Deungchondong, Gangseogu, Seoul, 157-030, Korea

1.4. If any, name and address of manufacturer's authorized representative : N/A

1.5 Assembly Plant:

Qingdao Geosong Sports Product Co., LTD
No. 17 Wenhua Road, Jimo city, Qingdao, PR China

1.6. Location and method of affixing of the international approval mark:

Marked in a label sewn to the retention system

1.7. Number of visors which can be fitted:

One visor, see Annex 16 for brief description of the visor.

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DESCRIPTION OF THE HELMET

2.1. Type of helmet:

Full face helmet

2.2. Type of lower face cover:

"P" with protective lower face cover

2.3. Sizes:

Small Shell: XS(54~55), S(55~56)
medium Shell : M(57~58), L(59~60)
XLarge Shell: XL(61~62), XXL(63~64)

2.4 Weight : ±50g

SIZE	XS	S	M	L	XL	XXL
WEIGHT	1400g	1400g	1500g	1500g	1600g	1600g

3. SHELL

3.1. Material:

PC/ABS (Polycarbonate and Acrylonitrile Butadien Styrene Plastic)

3.2. Composition of the border join on the shell:

PVC(70%) Gasket

3.3. Ventilation

3.3.1. Number of ventilations: 7

3.4.2. Positioning on the shell:
Right and Left of Front , Right and Left of Crown,
Chin guard(Centre), Right and Left of Chin guard

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4. RETENTION SYSTEM

4.1. Chin strap

4.1.1. Material: Made of Nylon webbing

4.1.2. Width:

20mm (ONE TOUCH)

4.2. Comfort padding of the retention system: Made of polyester

4.2.1. Composition:

Comfort padding & ONE TOUCH (Quick-release mechanism)

4.2.2. Thickness:

3.5 ±0.1 mm

4.3. Fixing system to the shell:

Rivet

5. PROTECTIVE PADDING

5.1. Composition:

Size	Specific gravity of crown liner (kg/m³)	Specific gravity of front liner (kg/m³)	Specific gravity of top liner (kg/m³)	Specific gravity Of chin liner (kg/m³)
XS	52 ± 3	N/A	52 ± 3	41 ± 3
S	52 ± 3	N/A	52 ± 3	41 ± 3
M	30 ± 2	N/A	42 ± 2	62 ± 4
L	30 ± 2	N/A	52 ± 2	62 ± 4
XL	39 ± 2	35± 5	40 ± 2	71 ± 5
XXL	39 ± 2	35± 5	40 ± 2	71 ± 5

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6. COMFORT PADDING

6.1. Composition of:

Comfort padding: Sponge
Comfort tissue: Polyester
Protection of the back of the neck: Polyurethane

7. VISOR

7.1. Trade mark:

SCORPIONEXO

7.2. Type:

KDF-11-S

7.3. Name and address of manufacturer:

KIDO SPORTS CO., LTD.
657-3, Deungchon-dong,
Gangseo-gu, Seoul,
Korea

7.4. Material:

Poly Carbonate

7.5. Surface treatment:

Anti Scratch / Anti Scratch

7.6. Colour:

Clear

7.7. Manufacturing method:

Injection molding

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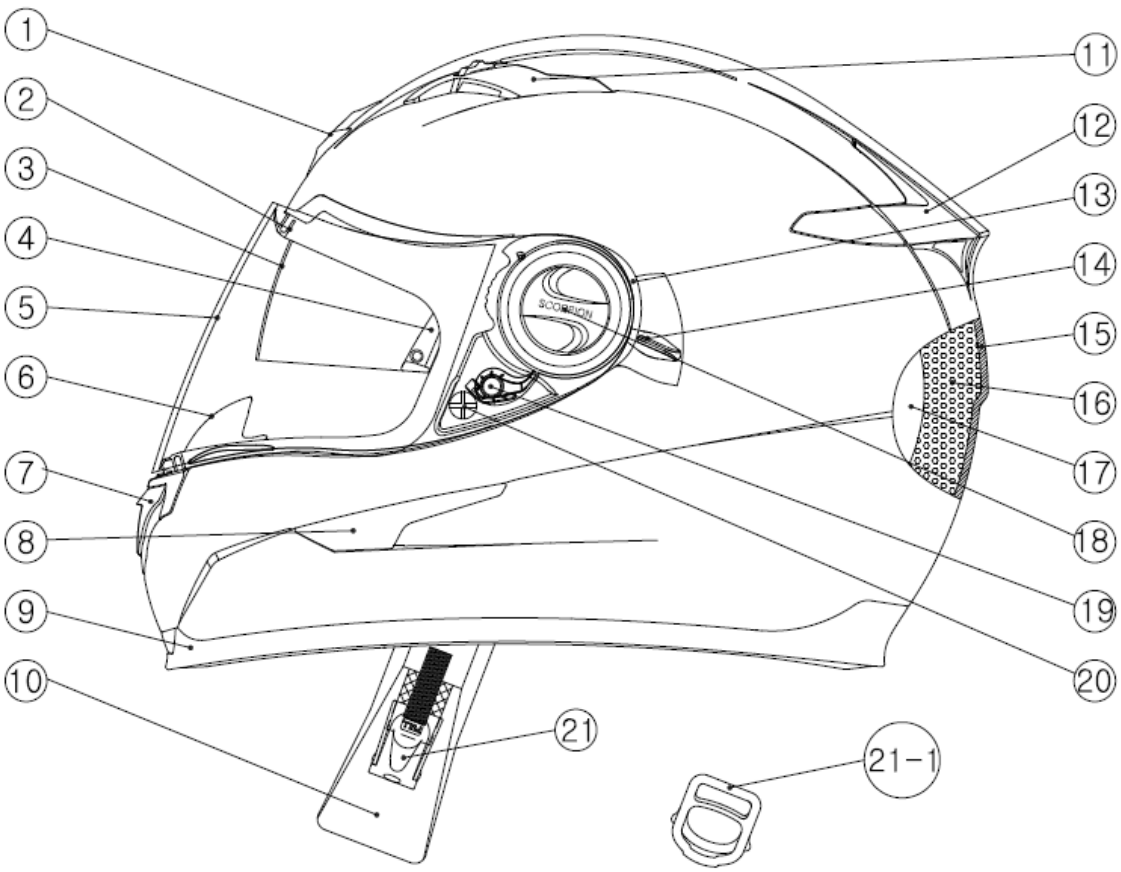
8. ACCESSORIES

8.1. Peak: N/A
8.2. User instructions

8.2.1. Location: Between in Shell & EPS

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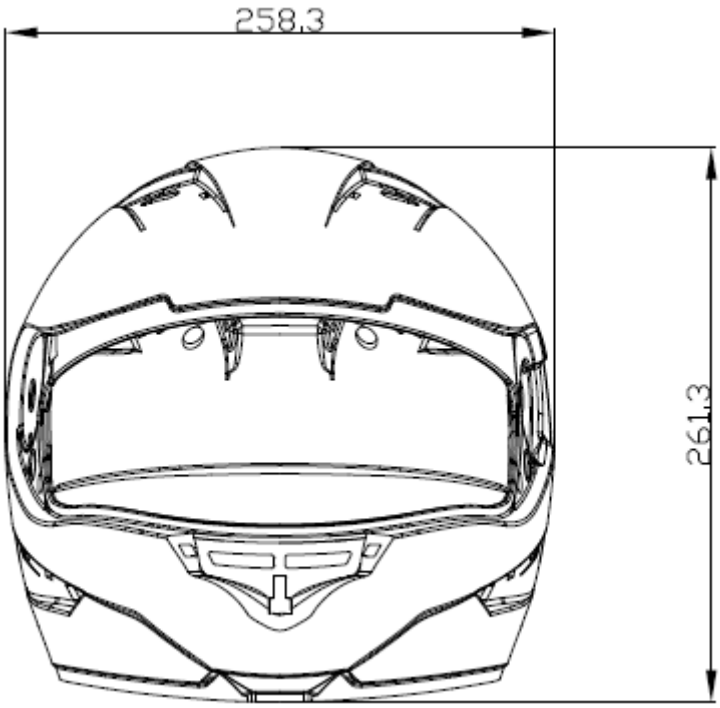
9. GENERAL VIEW OF THE HELMET

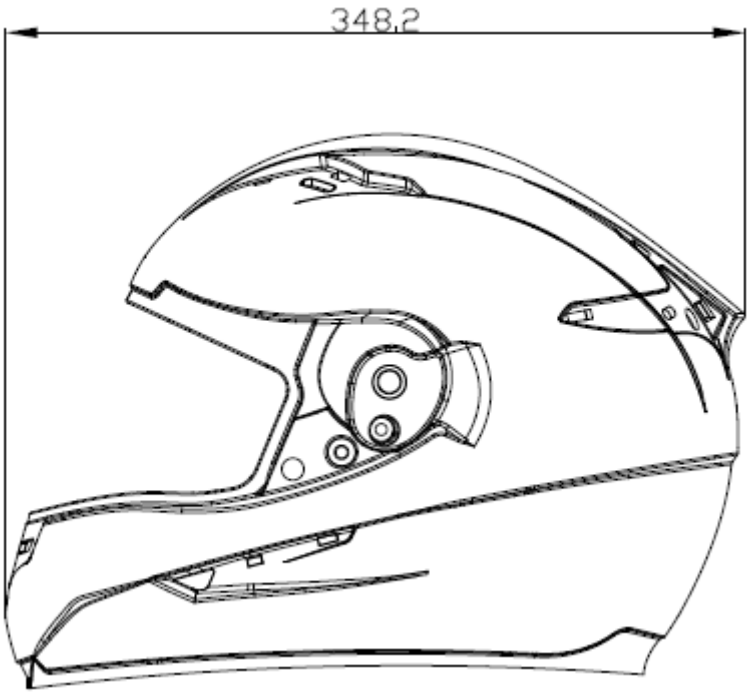


11	Front Vent	Polycarbonate	2	LH/RH	21-1				
10	Chin Strap	Nylon	2	LH/RH	21	One-touch	Stainless steel	1	
9	Lower Band	PVC	1		20	Bolt	AL	4	
8	Side Vent	ABS/PC	2	LH/RH	19	Lever-shield	Polycarbonate	1	
7	Lower Vent	ABS/PC	1		18	Lever Ratchet	ABS/PC	2	LH/RH
6	Airguard	PVC	1		17	Comfort Liner	polyester	1	
5	Shield	Polycarbonate	1		16	EPS Liner	Polystyrene	1	
4	Visor Holder	Polycarbonate	2	LH/RH	15	Out Shell	PC/ABS	1	
3	Sunvisor	Polycarbonate	1		14	Lever-sunvisor	PC	1	
2	Eyeport Gasket	PVC	1		13	Ring Shield	ABS	2	LH/RH
1	Front Logo	ABS/PC	1		12	Exhaut Vent	ABS/PC	2	LH/RH
NO	**Part**	**Material**	**Q'ty**	**Remark**	**NO**	**Part**	**Material**	**Q'ty**	**Remark**

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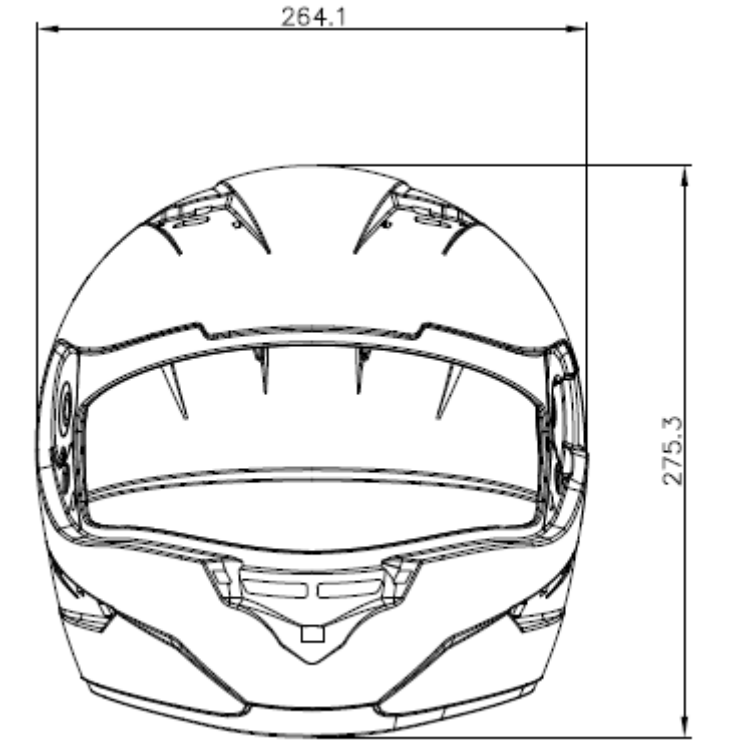
10. DRAWING OF THE SHELL(SMALL Size)

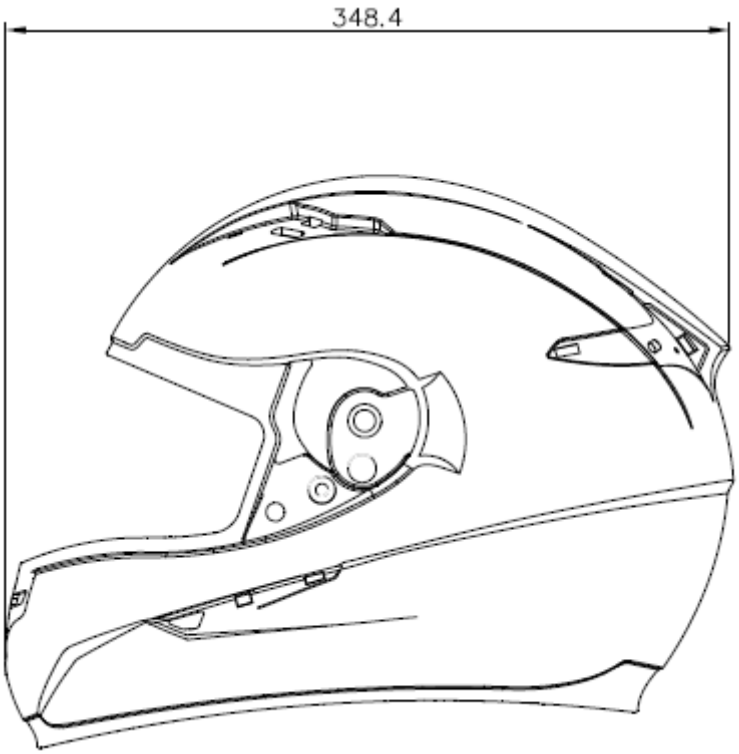




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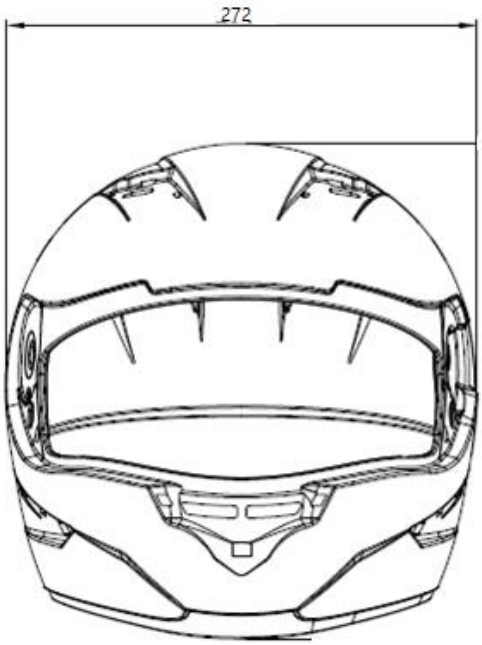
11. DRAWING OF THE SHELL(MEDIUM Size)

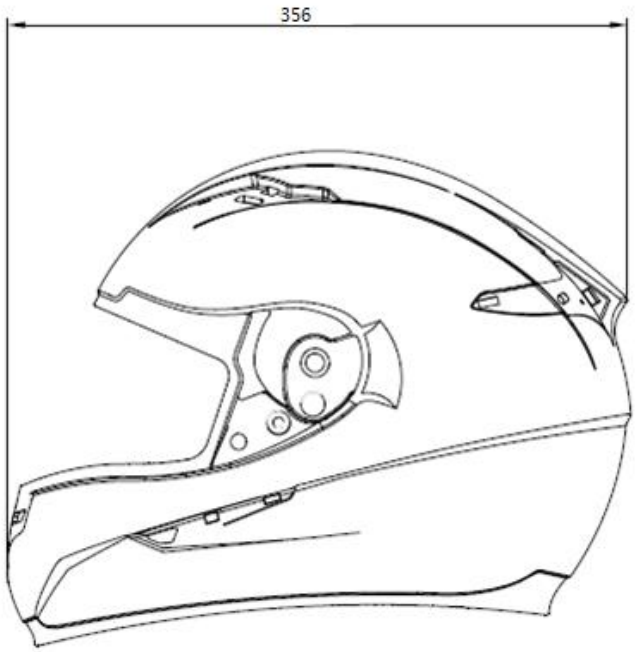




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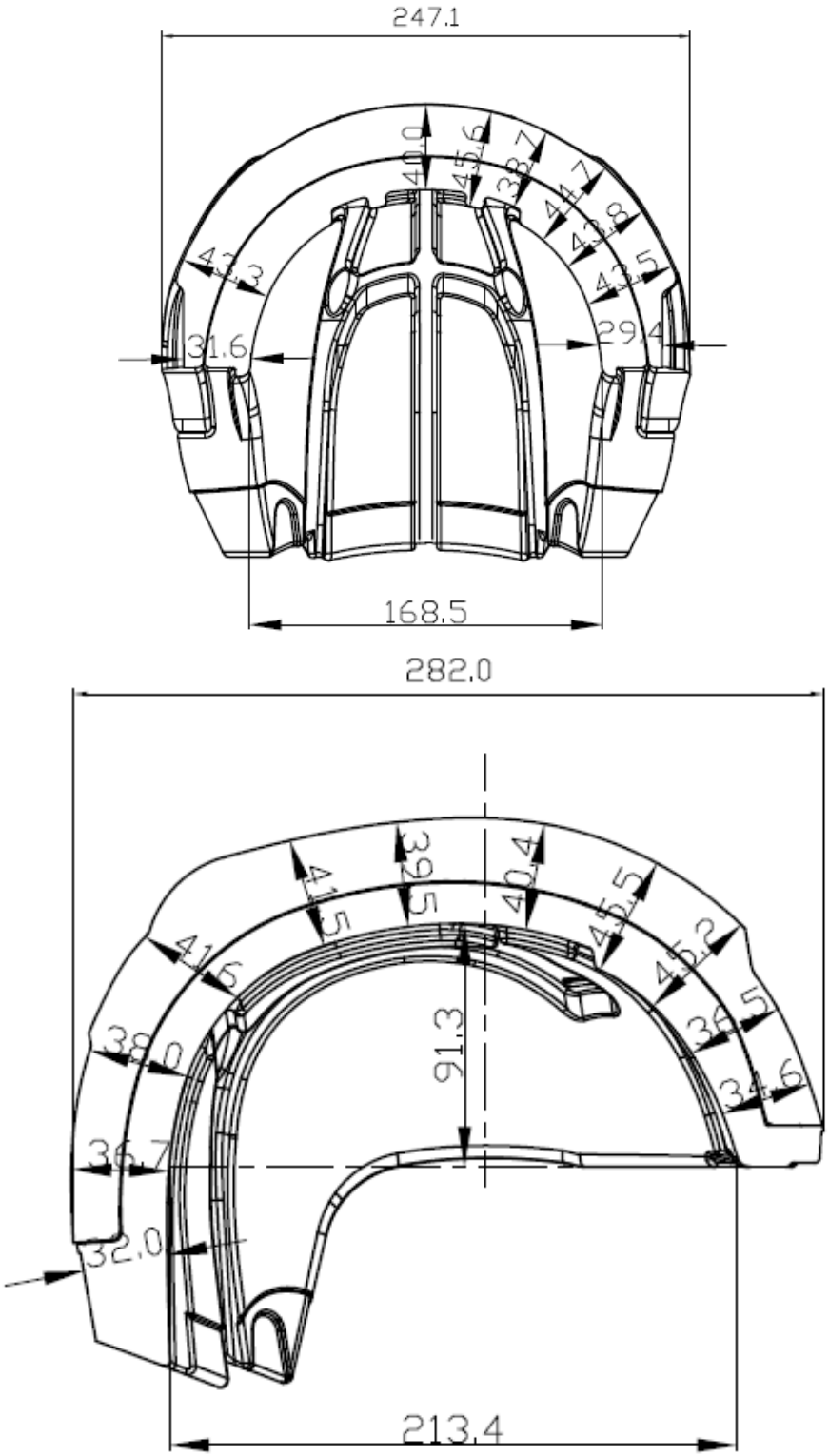
12. DRAWING OF THE SHELL(X-LAGE Size)





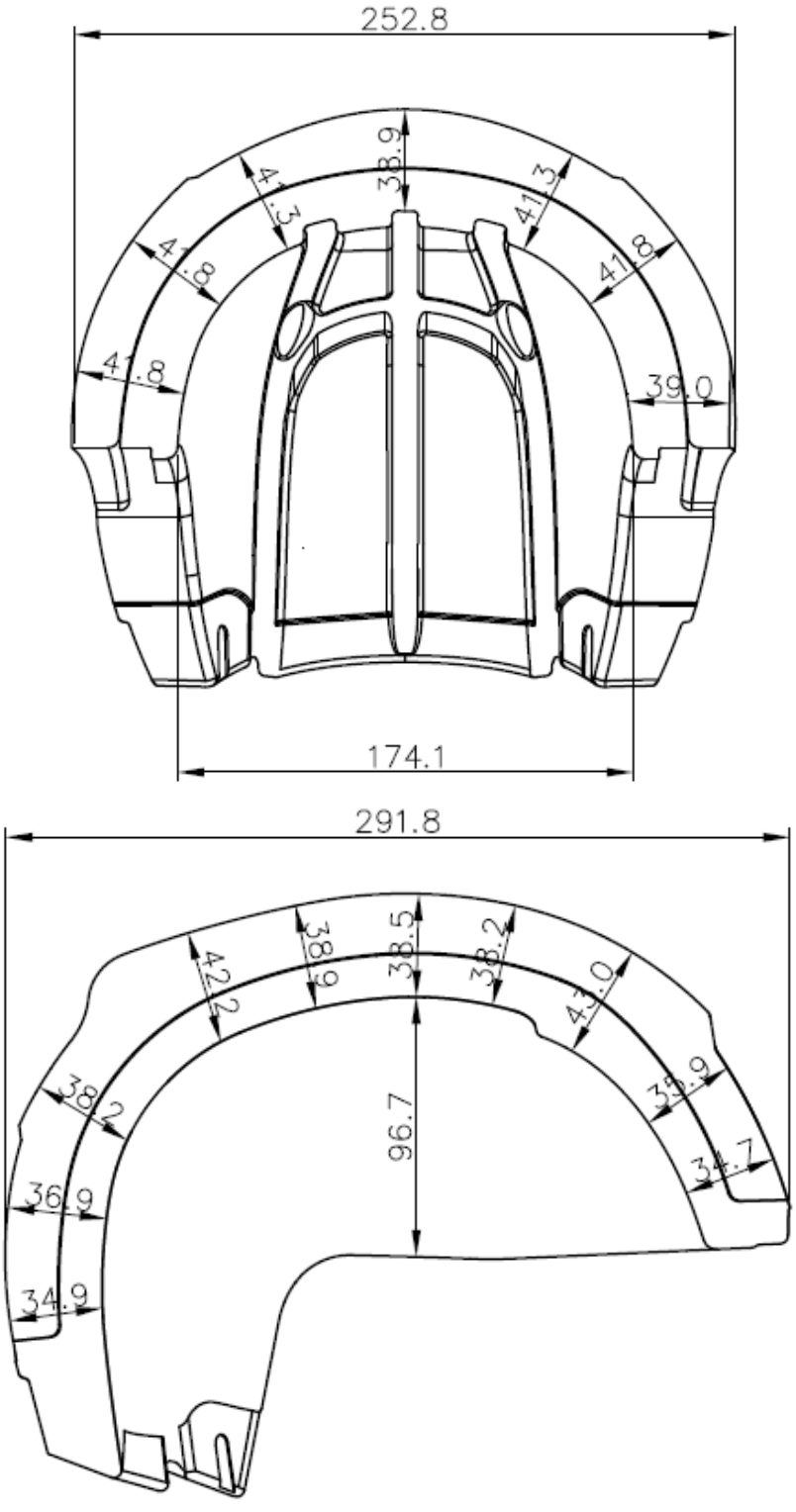
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13. DRAWING OF THE PROTECTIVE PADDING(Small Size)



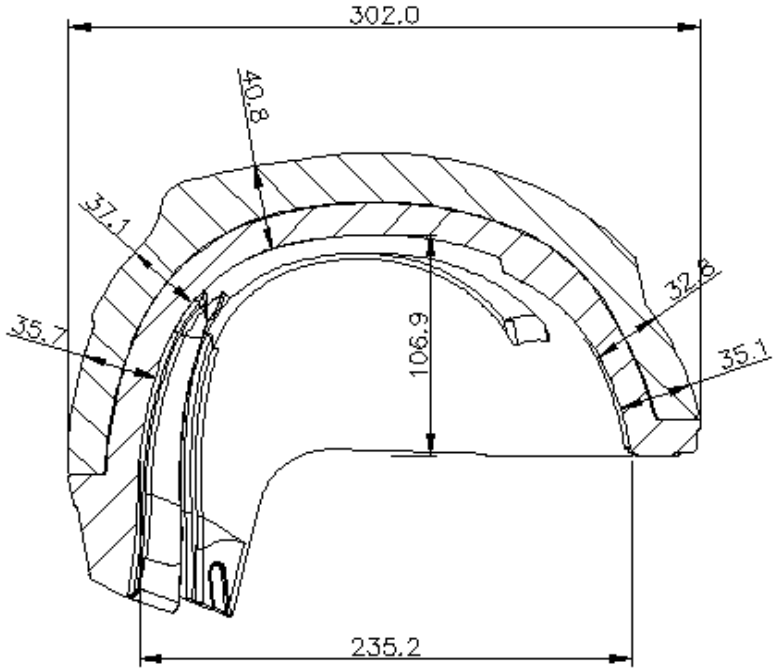
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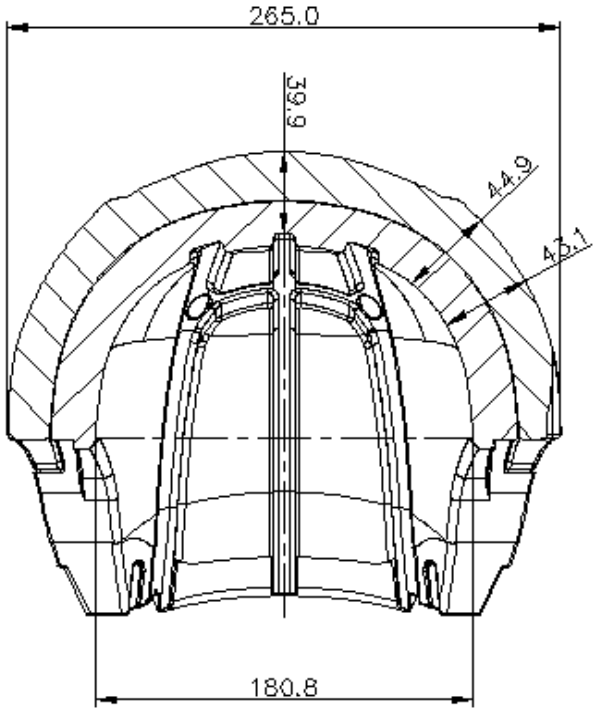
14. DRAWING OF THE PROTECTIVE PADDING(Medium Size)



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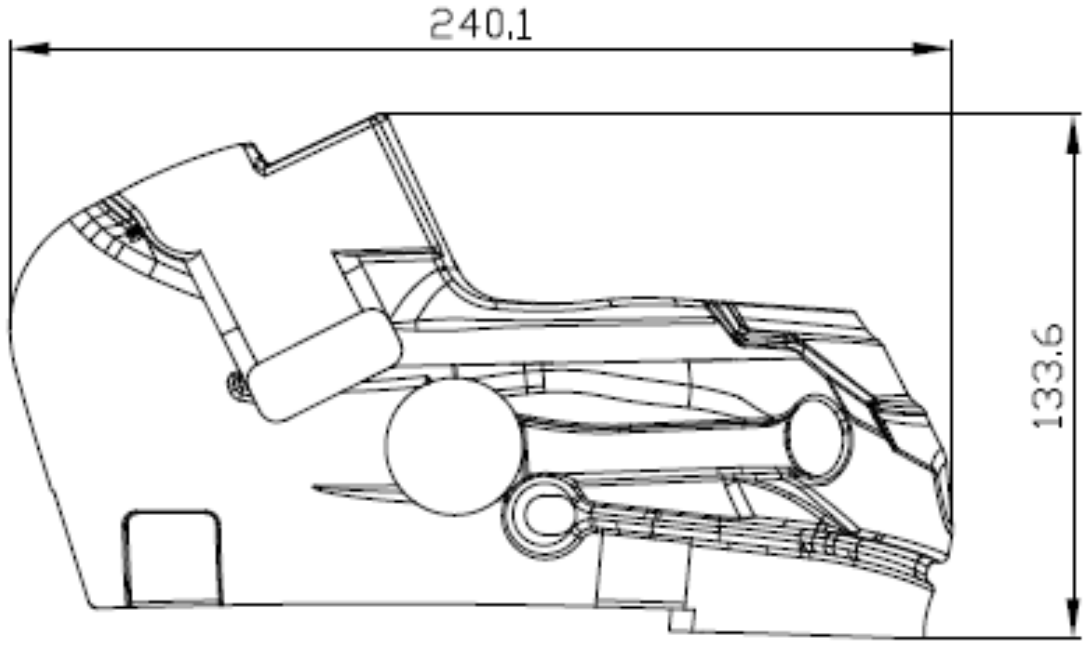
15. DRAWING OF THE PROTECTIVE PADDING(x-Large Size)



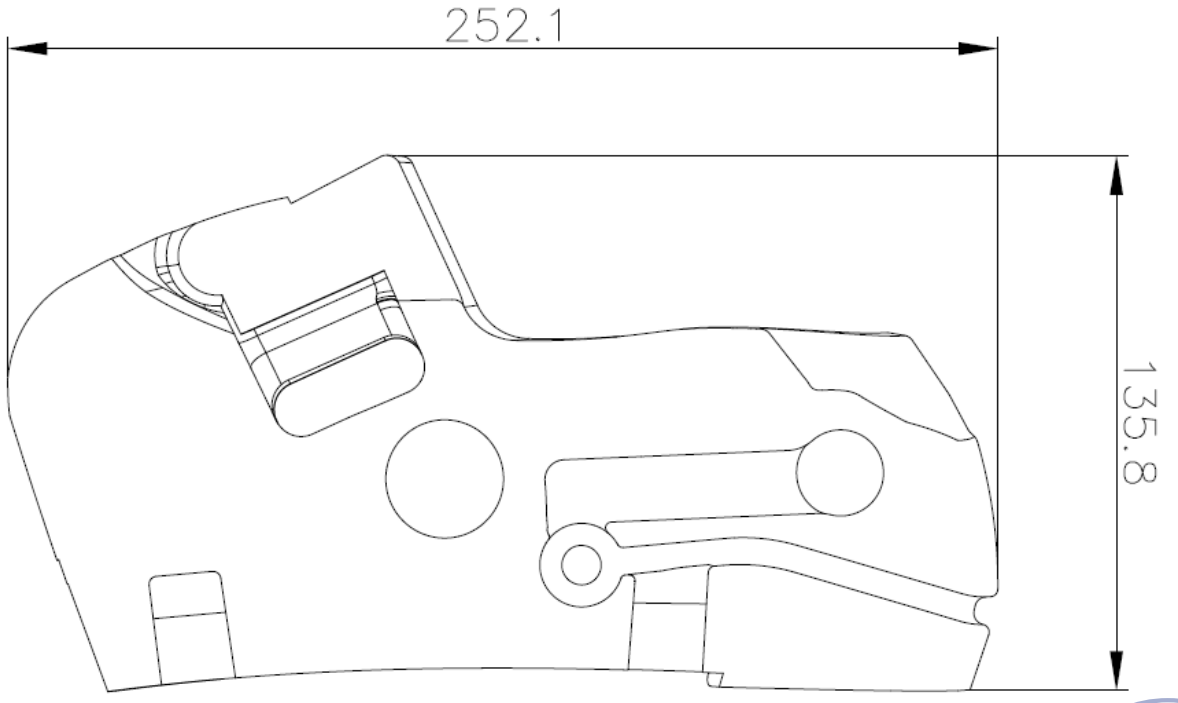


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16. DRAWING OF THE PROTECTIVE PADDING(small Size)

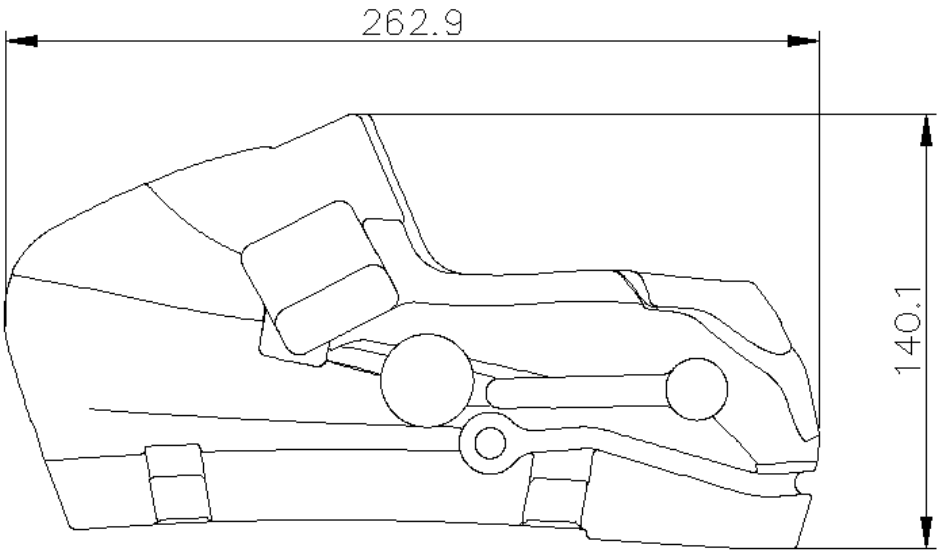


17. DRAWING OF THE PROTECTIVE PADDING(medium Size)



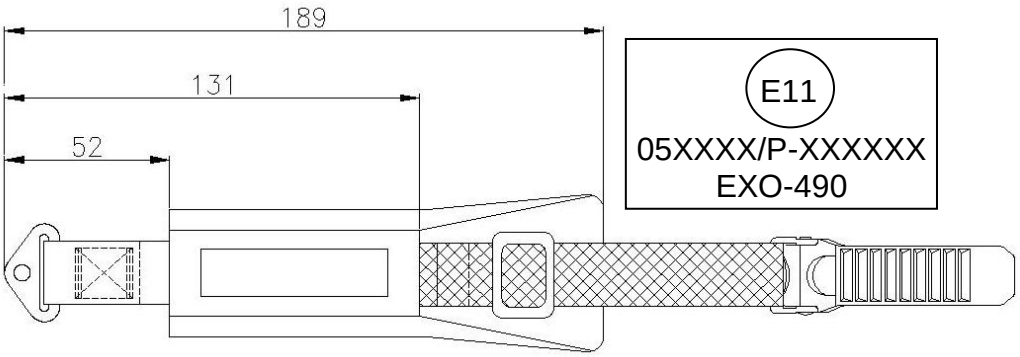
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18. DRAWING OF THE PROTECTIVE PADDING(x-lage Size)



19. DRAWING OF THE RETENTION SYSTEM(one touch)

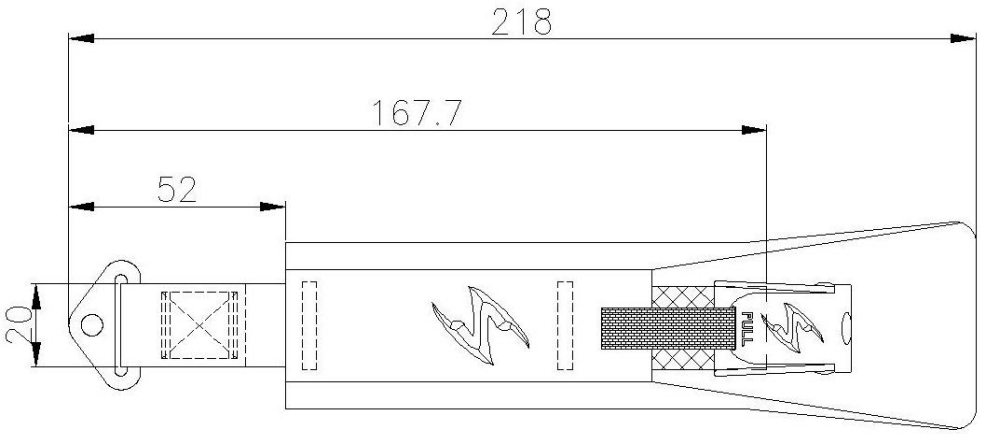
<Right side>



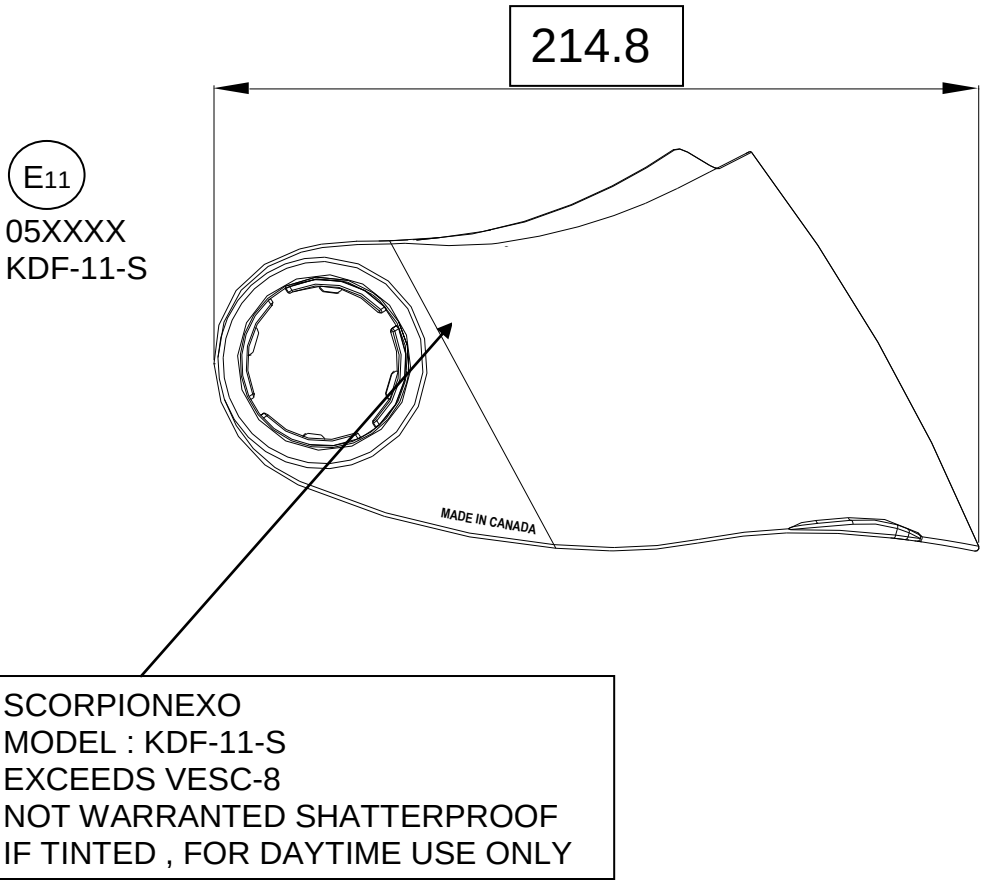
Webbing width can be two size, 20mm
This chin strap can be adjusted the length.

<Left side>

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20. DRAWING OF THE VISOR(KDF-11-S)



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