



E9*22R06/02*6387*01

Ext.01

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Comunicación sobre / *Concerning* ⁽¹⁾:

- ~~concesión de la homologación / *approval granted*~~
- ~~extensión de la homologación / *approval extended*~~
- ~~denegación de la homologación / *approval refused*~~
- ~~retirada de homologación / *approval withdrawn*~~
- ~~cese definitivo de la producción / *production definitely discontinued*~~

de un tipo de casco de protección con/sin ⁽¹⁾ un/varios ⁽¹⁾ tipo(s) de pantalla, con/sin ⁽¹⁾ un/varios ⁽¹⁾ tipo(s) de accesorio específico en aplicación del Reglamento UN N° 22 / *of a type of protective helmet with/without* ⁽¹⁾ ~~one/more~~ ⁽¹⁾ visor type(s), *with/without* ⁽¹⁾ ~~one/more~~ ⁽¹⁾ specific accessory type(s) pursuant to UN Regulation No. 22.

Homologación N° / *Approval No.*: E9*22R06/02*6387*01

Extensión N° / *Extension No.* 01

Motivos de la extensión / *Reasons for extension*:

Actualización e inclusión de marcas, inclusión de variante y denominaciones comerciales. Inclusión de variantes de pantalla y actualización de marcas de la pantalla. / *Update and inclusion of brand names, inclusion of a variant and commercial denominations. Inclusion of visor variants and update of the visor brand names.*

1. Marca de fábrica o comercial / *Trade mark*:
X-SPORTS, XC, XECURO, XR, STRONG, HRO, SHAFT, EDGE, WESTT, GUARDIAN, XTRONG
2. Tipo / *Type*:
Variantes / *Variants*:
3. Tallas / *Sizes*: XS(53-54), S(55-56), M(57-58), L(59-60), XL(60-61), XXL(61)
4. Nombre del fabricante / *Manufacturer's name*:
5. Dirección / *Address*:
6. Nombre del representante, en su caso / *If applicable, name of manufacturer's representative*: ----
7. Dirección / *Address*: ----
8. Breve descripción del casco / *Brief description of helmet*:
Ver documentación del fabricante / *See manufacturer's documentation*
9. Casco sin mentón (J) / con mentón protectorio (P) / ~~con mentón no protectorio (NP) / con mentón protectorio móvil o extraíble (P/I)~~ ⁽¹⁾ / *Helmet without lower face cover (J) / with protective lower face cover (P) / with non-protective lower face cover (NP) / with detachable or movable protective lower face cover (P/I)* ⁽¹⁾

(1) Táchese lo que no proceda / *Strike out what does not apply*





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10. Tipo de pantalla o pantallas / *Type of visor or visors:*
11. Breve descripción de la pantalla o pantallas y pantalla interior si la hay / *Brief description of visor or visors and inner visor if any:*
Ver documentación del fabricante / *See manufacturer's documentation*
12. ~~Casco preparado para accesorio específico (SA)/preparado para accesorios universales (UA)⁽⁴⁾ /~~
~~*Helmet ready for specific accessory (SA)/ready for universal accessories (UA)*⁽¹⁾~~
13. Accesorios incluidos en la homologación del casco y funcionalidad / *Accessories included in the helmet homologation and functionality: ----*
14. Si casco UA, altavoces (S o S45) / Micrófono (M) / Montaje frontal (F) / Montaje lateral (L) / Montaje trasero (R)⁽⁴⁾ / *If UA helmet, speakers (S or S45) / Microphone (M) / Front mounting (F) / Side mounting (L), Rear mounting (R)*⁽¹⁾
15. Presentado a la homologación el / *Submitted for approval on:* 03.11.2022, 16.01.2023
16. Servicio técnico encargado de los ensayos de homologación / *Technical service responsible for conducting approval tests:* IDIADA
17. Fecha del acta de los ensayos emitida por este servicio / *Date of report issued by that service:* 15.12.2022, 11.07.2023
18. Nº del acta de ensayos emitida por este servicio / *Number of report issued by that service:* MT22110038, MT22120126
19. Observaciones / *Comments:* ----
20. Homologación ~~concedida~~ / extendida / ~~denegada~~ / retirada⁽¹⁾ /
Approval ~~granted~~ / extended / ~~refused~~ / ~~withdrawn~~⁽¹⁾
21. Lugar / *Place:* Madrid
22. Fecha / *Date:* Ver firma electrónica / *See electronic signature*
23. Firma / *Signature:*
EL SUBDIRECTOR GENERAL DE CALIDAD Y SEGURIDAD INDUSTRIAL
Resolución P.D. del DIRECTOR GENERAL DE INDUSTRIA Y DE LA PYME de 25-10-2012
24. Los siguientes documentos, que llevan el número de homologación arriba indicado, pueden ser obtenidos a solicitud del interesado / *The following documents, bearing the approval number shown above, are available on request:*
 - * Informe técnico / *Technical report*
 - * Documentación técnica del fabricante / *Manufacturer's technical documentation*

(1) Táchese lo que no proceda / *Strike out what does not apply*





Anexo - Información adicional sobre esta Homologación de tipo

Condiciones de la autorización y pie de recurso

Los vehículos, sistemas, componentes o unidades técnicas independientes fabricados en virtud de esta homologación de tipo deben estar identificados y portar las marcas correspondientes según la reglamentación aplicable.

La producción en serie de vehículos, sistemas, componentes y unidades técnicas independientes debe realizarse de acuerdo con la documentación de homologación. Todo cambio en la producción individualizada requerirá autorización expresa previa por parte de la Autoridad de Homologación Española.

Cualquier modificación en los datos incluidos en el certificado de homologación, como el nombre de la empresa, representante en la UE, dirección y las plantas de fabricación deben ser comunicados inmediatamente a la Autoridad de Homologación Española.

La homologación perderá su validez cuando la misma haya sido retirada o el tipo ya no cumpla con los requisitos legales. La retirada tendrá lugar siempre que hayan dejado de cumplirse los requisitos necesarios para la concesión y mantenimiento de la misma, cuando el fabricante no pueda demostrar a la Autoridad de Homologación el cumplimiento con los requisitos y procedimientos para garantizar la conformidad de la producción, en caso de que el titular no cumpla con sus obligaciones inherentes a la homologación o cuando se determine que el tipo homologado no cumple con los requisitos de seguridad y medio ambiente.

La Autoridad de Homologación de Tipo española podrá verificar el cumplimiento de las obligaciones del fabricante en cualquier momento. En particular, se podrá comprobar la correspondencia del producto con el tipo homologado, así como las medidas establecidas para garantizar la conformidad de la producción. A tal efecto se podrán tomar o solicitar las muestras necesarias. Se permitirá el acceso sin trabas a las instalaciones de producción y almacenamiento a los empleados o representantes de la Autoridad de Homologación Española.

La autorización objeto de esta resolución de homologación de tipo no es transferible. Los derechos de marca de terceros no se encuentran afectados por esta homologación.

Contra la presente Resolución, que no pone fin a la vía administrativa, podrá interponerse recurso de alzada ¹ ante la Dirección General de Industria y de la Pequeña y Mediana empresa, o ante la Secretaría General de Industria y de la Pequeña y Mediana empresa, en el plazo de un mes a partir del día siguiente a su notificación, de conformidad con los artículos 121 y 122 de la Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas.

¹ Nota: Para interponer recurso de alzada deberá acceder al siguiente enlace:
<https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157>





Annex - Additional Information on this Type Approval

Collateral clauses and right to appeal (Courtesy translation)

All vehicles, systems, components or separate technical units which correspond to the approved type are to be identified and marked according to the applied regulation.

The serial fabrication of vehicles, systems, components or separate technical must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the Spanish Type Approval Authority.

Changes in the data included in the approval certificate, such as the name of the company, EU representative, address and the manufacturing plant are to be immediately disclosed to the Spanish Type Approval Authority.

The approval expires if it is withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the manufacturer cannot demonstrate to the Type Approval Authority that it comply with the requirements and procedures to guarantee the conformity of production, if the holder of the approval violates the duties involved in the approval or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

The Spanish Type Approval Authority may check the proper exercise of the conferred authority taken from this approval at any time. In particular, this means the compliant production as well as the measures for conformity of production. For this purpose, samples can be taken or have taken. The employees or the representatives of the Spanish Type Approval Authority may get unhindered access to the production and storage facilities.

The authorization contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.

This approval does not conclude the administrative channel and can be appealed² within one month after notification, according to articles 121 and 122 of Ley 39/2015, de 1 de octubre, del Procedimiento Administrativo Común de las Administraciones Públicas. The appeal is to be addressed to Dirección General de Industria y de la Pequeña y Mediana empresa, or Secretaría General de Industria y de la Pequeña y Mediana empresa.

² Note: Appeal on the following link:

<https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157>





INFORME N° / REPORT No. MT22120126

CASCOS DE PROTECCIÓN, SUS PANTALLAS Y SUS ACCESORIOS PARA CONDUCTORES Y PASAJEROS DE MOTOCICLETAS Y CICLOMOTORES SEGÚN EL REGLAMENTO UN N° 22R06/02
PROTECTIVE HELMETS, THEIR VISORS AND THEIR ACCESSORIES FOR DRIVERS AND PASSENGERS OF MOTORCYCLES AND MOPEDS ACCORDING TO UN REGULATION No. 22R06/02

EXTENSION I

Fabricante / *Manufacturer* ⁽¹⁾ :

Marca(s) / *Make(s)* ⁽¹⁾ :
SPORTS, XC, XECURO, XR, STRONG, HRO, SHAFT, EDGE, WESTT, GUARDIAN, XTRONG, SHIRO, SWT,

Tipo / *Type* ⁽¹⁾ :

Variantes / *Variants* ⁽¹⁾ :

Denominaciones comerciales /
Commercial denominations ⁽¹⁾ :

Lugar y fecha de emisión del
informe / *Test report place and date* : L'Albornar, Santa Oliva (Tarragona)
11.07.2023

CONCLUSIONES / *CONCLUSIONS*: La modificación introducida en el casco, como se detalla en el anexo a este informe, es motivo de extensión de homologación respecto al casco tipo (exp. IDIADA N° MT22110038) y CUMPLE con las especificaciones relativas a la homologación de cascos, pantallas y accesorios de protección para conductores y pasajeros de motocicletas y ciclomotores, correspondientes al Reglamento UN N° 22R06/02. / *Modification introduced to the helmet, as detailed in the annex to this report, grant grounds for approval extension with respect to formerly certified helmet-type (IDIADA Report No. MT22110038) and FULFILLS the specifications relating to the homologation of helmets, their visors and their accessories of protection for riders and passengers of motorcycles and mopeds, according to UN Regulation No. 22R06/02.*

Realizado / *Performed* by :

Antonio Santos Carreño
TÉCNICO DE HOMOLOGACIONES
HOMOLOGATION TECHNICIAN

Vº. Bº. / *Revised* by :

Víctor Costa Escarrà
JEFE DE DEPARTAMENTO
DEPARTMENT MANAGER

* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCION PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.
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ANEXO AL INFORME / ANNEX TO THE TEST REPORT

MOTIVOS DE EXTENSIÓN / EXTENSION REASONS

- Actualización e inclusión de marcas / *Update and inclusion of brand names*
- Inclusión de la variante / *Inclusion of the variant:*
- Inclusión de denominaciones comerciales / *Inclusion of commercial denominations*
- Inclusión de variantes de pantalla / *Inclusion of visor variants*
- Actualización de marcas de la pantalla / *Update of the visor brand names*

IDENTIFICACIÓN DEL CASCO PRESENTADO AL ENSAYO / IDENTIFICATION OF HELMET SUBMITTED FOR TEST

Fabricante / *Manufacturer* ⁽¹⁾ :

Marca(s) / *Make(s)* ⁽¹⁾ :

Tipo / *Type* ⁽¹⁾ :

Variante ensayada / *Tested Variant* ⁽¹⁾ :

Tallas / *Sizes* ⁽¹⁾ : XS(53-54), S(55-56), M(57-58), L(59-60), XL(60-61), XXL(61)

Id. de la muestra / *Sample Id.* : CA2212/49

MARCADO DEL CASCO / HELMET MARKINGS

Marca o nombre del fabricante / *Manufacturer's trade name or mark*CORRECT

Etiqueta de talla / *Size label*CORRECT

Etiqueta de peso / *Weight label*CORRECT

Año de producción / *Year of production*CORRECT

Marcaje de homologación / *Approval mark*CORRECT

Indicación de uso correcto y reemplazo / *Indication of correct use and replacement*CORRECT

Advertencia del uso de disolventes sobre el casco / *Warning of the use of solvents on the helmet*CORRECT

Listado de pantallas homologadas compatibles / *Compatible approved visors list*CORRECT

Sin protección del mentón frente impactos (solo para tipos "NP") / *Does not protect chin from impacts (only for "NP" types)*NOT APPLICABLE

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MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.

* LA REGLA DE DECISIÓN UTILIZADA, SEGÚN LA NORMA ILAC-G8, HA SIDO LA DECLARACIÓN BINARIA DE ACEPTACIÓN SIMPLE.
THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE.



DESCRIPCIÓN TÉCNICA Y DE MATERIALES / TECHNICAL DESCRIPTION AND MATERIALS ⁽¹⁾

Carcasa / <i>Shell</i>	:	ABS
Relleno de protección / <i>Protective padding</i>	:	Poliestireno expandido (EPS) / <i>Expanded polystyrene (EPS)</i>
Peso del casco en gramos / <i>Helmet weight in grams</i>	:	XXL-XS (1400 g)
Sistema de retención / <i>Retention system</i>	:	Cierre de apertura rápida (micrométrico) / <i>Quick release mechanism (micrometric)</i>
Pantalla / <i>Visor</i>	:	
Filtro solar / <i>Sun shield</i>	:	SV-2 (Sólo para la variante / <i>Only for the variant</i>).

ESPECIFICACIONES GENERALES / GENERAL SPECIFICATIONS

1. Constitución básica /
Basic constructionCORRECT
2. Accesorios / *Accessories*: ----
3. Opción protectora / *Protective option*: Con mentón protectorio (P) / *With protective lower face cover (P)*
4. Extensión de la protección / *Extent of the protection*:
 - 4.1. Área cubierta por la carcasa /
Area covered by the shellCORRECT
 - 4.2. Área cubierta por el relleno protector /
Area covered by the protective paddingCORRECT
5. Proyecciones o irregularidades en la parte exterior de la carcasa /
Projections or irregularities in the outer shellCORRECT
6. Interior del casco /
Inside of helmetCORRECT
7. Sistema de retención protegido contra la abrasión /
Retention system protected against abrasionCORRECT
8. Estado del casco después del ensayo /
Helmet status after testCORRECT
9. Visión periférica / *Peripheral vision*:
 - Horizontal / *Horizontal* ($\geq 105^\circ$)CORRECT
 - Hacia arriba / *Upwards* ($\geq 7^\circ$)CORRECT
 - Hacia abajo / *Downwards* ($\geq 45^\circ$)CORRECT
 - Deflector de respiración / *Breath deflector*CORRECT

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THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE.


 ENSAYO DE ABSORCIÓN DE IMPACTO LINEAL / *LINEAR IMPACT ABSORPTION TEST*

TALLA / SIZE: XXL (61)

Cabeza de ensayo / Test headform: M (60)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 275 g	HIC ≤ 2400
1	AMBIENTE / AMBIENT	PLANO / FLAT	7.5	B	175	1322
				X	222	1782
				P	194	1910
				R	197	1430
2	AMBIENTE / AMBIENT	CUÑA / KERBSTONE	7.5	B	124	892
				X	199	1351
				P	144	1028
				R	131	974
3	-10 °C	PLANO / FLAT	7.5	B	187	1424
				X	229	1857
				P	192	1872
				R	206	1502
				6.0	S	153
4	+50 °C	CUÑA / KERBSTONE	7.5	B	126	897
				X	197	1236
				P	138	1015
				R	140	988
5	UV + H ₂ O	PLANO / FLAT	7.5	B	174	1371
				X	224	1826
				P	193	1825
				R	196	1515

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2694
 LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2694

Validate this report with the security code «TSO67GGH» at: <https://extranet.idiada.com/hom-cve>
 Verifique el informe con código de seguridad «TSO67GGH» en: <https://extranet.idiada.com/hom-cve>

IDIADA MT22120126

* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.
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 * EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS.
 MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.
 * LA REGLA DE DECISIÓN UTILIZADA, SEGÚN LA NORMA ILAC-G8, HA SIDO LA DECLARACIÓN BINARIA DE ACEPTACIÓN SIMPLE.
 THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE.



TALLA / SIZE: M (57-58)

Cabeza de ensayo / Test headform: J (57)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 275 g	HIC ≤ 2400
6	-10 °C	PLANO / FLAT	7.5	B	196	1445
				X	211	1691
				P	192	1964
				R	201	1521
			6.0	S	120	579
7	+50 °C	CUÑA / KERBSTONE	7.5	B	119	860
				X	198	1313
				P	155	1134
				R	116	857

TALLA / SIZE: S (55-56)

Cabeza de ensayo / Test headform: E (54)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 275 g	HIC ≤ 2400
8	-10 °C	PLANO / FLAT	7.5	B	198	1746
				X	217	1814
				P	195	2039
				R	205	1600
			6.0	S	126	462
9	+50 °C	CUÑA / KERBSTONE	7.5	B	129	883
				X	161	1183
				P	180	1275
				R	123	803

Resultado del ensayo / Test resultCORRECT

- * LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.
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ENSAYO DE ABSORCIÓN DE IMPACTO EN PUNTOS EXTRA / EXTRA POINT IMPACT ABSORPTION TEST

TALLA / SIZE: XXL (61)

Cabeza de ensayo / Test headform: M (60)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 275 g	HIC ≤ 2400
10	AMBIENTE / AMBIENT	PLANO / FLAT	7.5	BXR	175	1159
				XPL	215	2063
				RXR	198	1668

TALLA / SIZE: XXL (61)

Cabeza de ensayo / Test headform: M (60)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 275 g	HIC ≤ 2400
11	AMBIENTE / AMBIENT	PLANO / FLAT	7.5	BXPL	180	1764
				XPR	227	2224
				RP	184	1700

Resultado del ensayo / Test resultCORRECT

ENSAYO DE ABSORCIÓN DE IMPACTO EN ALTA ENERGÍA / HIGH ENERGY IMPACT ABSORPTION TEST

TALLA / SIZE: XXL (61)

Cabeza de ensayo / Test headform: M (60)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 275 g	HIC ≤ 2880
12	AMBIENTE / AMBIENT	PLANO / FLAT	8.2	B	178	1578
				X	254	2349
				P	207	2365
				R	198	1610

Resultado del ensayo / Test resultCORRECT

* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE.

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.
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* EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS.
MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.

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THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE.



ENSAYO DE ABSORCIÓN DE IMPACTO EN BAJA ENERGÍA / LOW ENERGY IMPACT ABSORPTION TEST

TALLA / SIZE: XXL (61)

Cabeza de ensayo / Test headform: M (60)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Acc _(g) max ≤ 180 g	HIC ≤ 1300
13	AMBIENTE / AMBIENT	PLANO / FLAT	6.0	B	143	906
				X	166	979
				P	152	1068
				R	164	969

Resultado del ensayo / Test resultCORRECT

ENSAYO DE RIGIDEZ / RIGIDITY TEST

CASCO / HELMET		DIRECCIÓN / DIRECTION	RESULTADO / RESULT	
Nº / No.	TALLA / SIZE		DEFORMACIÓN MÁX. / MAX. DEFORMATION (≤ 40 mm)	DEFORMACIÓN RESIDUAL / RESIDUAL DEFORMATION (≤ 15 mm)
14	XXL (61)	Transversal	11.7	3.1
		Longitudinal	20.2	2.8

Resultado del ensayo / Test resultCORRECT

Lugar del ensayo / Test place : L'Albornar, Santa Oliva (Tarragona)
 Fecha del ensayo / Test date : 16.01.2023-24.01.2023



Antonio Santos Carreño
 TÉCNICO DE HOMOLOGACIONES
 HOMOLOGATION TECHNICIAN

⁽¹⁾ Información proporcionada por el cliente. El laboratorio no se hace responsable de dicha información /
 Information provided by the client. The laboratory is not responsible for such information

* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.
 THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE.
 * QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.
 THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN.
 * EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS.
 MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.
 * LA REGLA DE DECISIÓN UTILIZADA, SEGÚN LA NORMA ILAC-G8, HA SIDO LA DECLARACIÓN BINARIA DE ACEPTACIÓN SIMPLE.
 THE DECISION RULE USED, ACCORDING TO THE ILAC-G8 STANDARD, WAS THE BINARY STATEMENT FOR SIMPLE ACCEPTANCE.

DOCUMENTACIÓN TÉCNICA /
TECHNICAL DOCUMENTATION

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

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3	<i>PROTECTIVE PADDING</i>	<i>JUL. 2023</i>
4	<i>PROTECTIVE PADDING</i> / ACCESSORIES	<i>JUL. 2023</i>
5	<i>VISOR</i> / SUN SHIELD	<i>JUL. 2023</i>
6	ASSEMBLY DRAWING	DEC. 2022
7	<i>ASSEMBLY DRAWING</i>	<i>JUL. 2023</i>
8	DRAWING OF THE HELMET WITH DIMENSIONS	DEC. 2022
9	DRAWING OF PROTECTIVE PADDING (Sizes XS-S) Var.	DEC. 2022
10	DRAWING OF PROTECTIVE PADDING (Size M) Var.	DEC. 2022
11	DRAWING OF PROTECTIVE PADDING (Sizes L-XXL) Var.	DEC. 2022
12	<i>DRAWING OF PROTECTIVE PADDING (Sizes XS-S) Var.</i>	<i>JUL. 2023</i>
13	<i>DRAWING OF PROTECTIVE PADDING (Size M) Var.</i>	<i>JUL. 2023</i>
14	<i>DRAWING OF PROTECTIVE PADDING (Sizes L-XXL) Var.</i>	<i>JUL. 2023</i>
15	DRAWING OF THE RETENTION SYSTEM	DEC. 2022
16	GENERAL VIEW OF THE VISOR AND MECHANISMS	DEC. 2022
17	<i>GENERAL VIEW OF THE VISOR VARIANTS</i>	<i>JUL. 2023</i>
18	DRAWING OF THE SUN SHIELD	DEC. 2022
19	MARKING	DEC. 2022
20	USER INSTRUCTIONS	DEC. 2022

Extension reasons:

- ***Update and inclusion of brand names.***
- ***Inclusion of the variant:***
- ***Inclusion of commercial denominations.***
- ***Inclusion of visor variants.***
- ***Update of the visor brand names.***

Changes marked on blue, bold and italic characters.

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

1. GENERAL INFORMATION

1.1 Trade mark(s):

XECURO, XR, STRONG, HRO, SHAFT, EDGE, WESTT, GUARDIAN, XTRONG,

1.2. Type:

1.3. Variants:

1.4. Commercial denominations:

1.5. Name and address of manufacturer:

1.6. Name and address of assembly plant:

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

2. DESCRIPTION OF THE HELMET

2.1. Type of helmet: **FULL FACE**

2.2. Protective option:

Helmet with protective lower face cover (P)

2.3. Shell size(s) and size range in cms:

Shell 1: XS(53-54), S(55-56), M(57-58), L(59-60), XL(60-61), XXL(61)

3. SHELL

3.1. Material used: **ABS**

3.2. Ventilations:

3.2.1. Number of ventilations: **4**

4. RETENTION SYSTEM

4.1. Chin strap:

4.1.1. Material: **Polyester**

4.1.2. Width: **22 ± 1 mm**

4.2. Type of buckle(s): **Quick release mechanism (micromètric)**

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
 AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

5. PROTECTIVE PADDING

5.1. Composition:

Expanded polystyrene

5.2. Density:

Variant:

Size	Main Part Kg/m³	Top Part Kg/m³	Side Part Kg/m³	Chin Part Kg/m³
XS	40	25	55	80
S	40	25	55	80
M	45	25	55	80
L	50	35	70	80
XL	50	35	70	80
XXL	50	35	70	80

Variant: BLD-M67E-1

Size	Main Part Kg/m³	Top Part Kg/m³	Side Part Kg/m³	Chin Part Kg/m³
XS	40	20	45	80
S	40	20	45	80
M	40	25	45	80
L	45	35	60	80
XL	45	35	60	80
XXL	45	35	60	80

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
 AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

5.3 Weight:

Variant:

Size	Main Part (g)	Top Part (g)	Side Part (g)	Mouth Part (g)
XS	77±3g	38±1g	24±1g	16±1g
S	77±3g	38±1g	24±1g	16±1g
M	75±3g	38±1g	24±1g	16±1g
L	72±3g	46±1g	28±1g	16±1g
XL	72±3g	46±1g	28±1g	16±1g
XXL	72±3g	46±1g	28±1g	16±1g

Variant:

<i>Size</i>	<i>Main Part (g)</i>	<i>Top Part (g)</i>	<i>Side Part (g)</i>	<i>Mouth Part (g)</i>
<i>XS</i>	<i>95±3g</i>	<i>23±1g</i>	<i>20±1g</i>	<i>18±1g</i>
<i>S</i>	<i>95±3g</i>	<i>23±1g</i>	<i>20±1g</i>	<i>18±1g</i>
<i>M</i>	<i>92±3g</i>	<i>31±1g</i>	<i>20±1g</i>	<i>18±1g</i>
<i>L</i>	<i>92±3g</i>	<i>42±1g</i>	<i>25±1g</i>	<i>18±1g</i>
<i>XL</i>	<i>92±3g</i>	<i>42±1g</i>	<i>25±1g</i>	<i>18±1g</i>
<i>XXL</i>	<i>92±3g</i>	<i>42±1g</i>	<i>25±1g</i>	<i>18±1g</i>

6. ACCESSORIES

6.1. Peak: ----

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

7. VISOR

7.1. Approval number: **E9*22R06/02*6388*01**

7.2. Trade Mark:

XECURO, XR, STRONG, HRO, SHAFT, EDGE, WESTT, GUARDIAN, XTRONG

7.3. Type :

7.4. Variants:

7.5. Name and address of manufacturer:

7.6. Material: **PC**

7.7. Drawing of the visor: See pages 16 and 17

7.8. Surface treatment: **Anti-scratch (outside)**

7.9. Colour: **Clear**

7.10. Manufacturing method: **Mould injection.**

7.11. Thickness: **1.9 ± 0.1 mm**

8. SUN SHIELD

8.1. Reference name: **SV-2. Only for variant BLD-M67E**

8.2. Material: **PC**

8.3. Drawing of the sun shield: **See page 18**

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
 AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

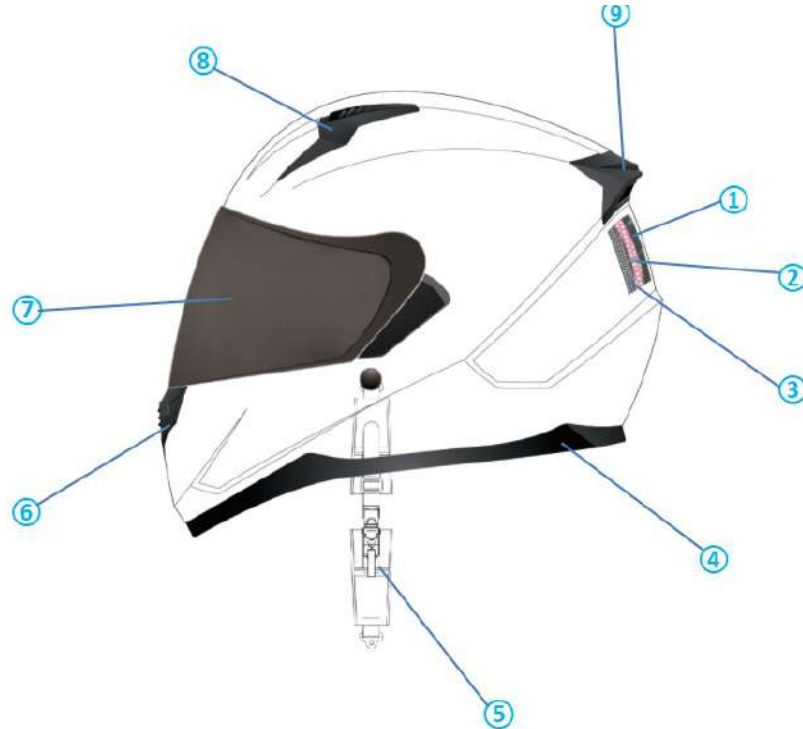
ASSEMBLY DRAWING



Part No.	Subject or name
1	Outer shell
2	Protective padding
3	Comfort padding
4	Inner visor switch
5	Bottom trim
6	Chin strap
7	Mouth vent
8	Outer visor
9	Inner visor
10	Top vent
11	Rear vent

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

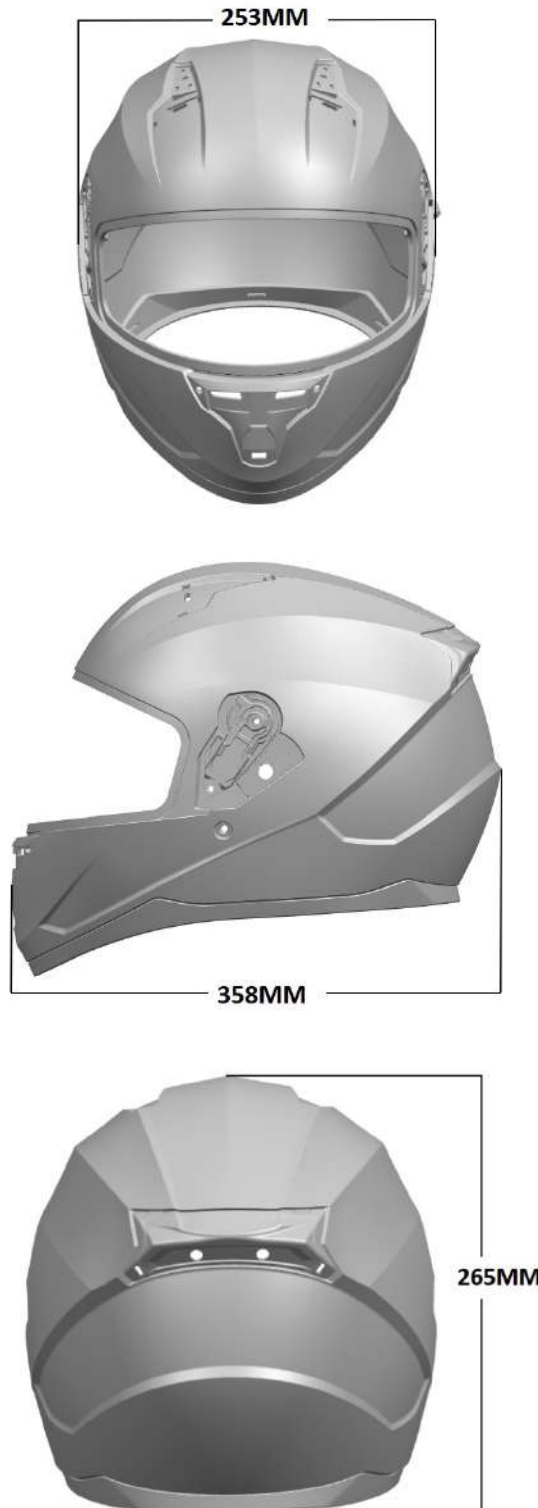
ASSEMBLY DRAWING



Part No.	Subject or name
1	Outer shell
2	Protective padding
3	Comfort padding
4	Bottom trim
5	Chin strap
6	Mouth vent
7	Outer visor
8	Top vent
9	Rear vent

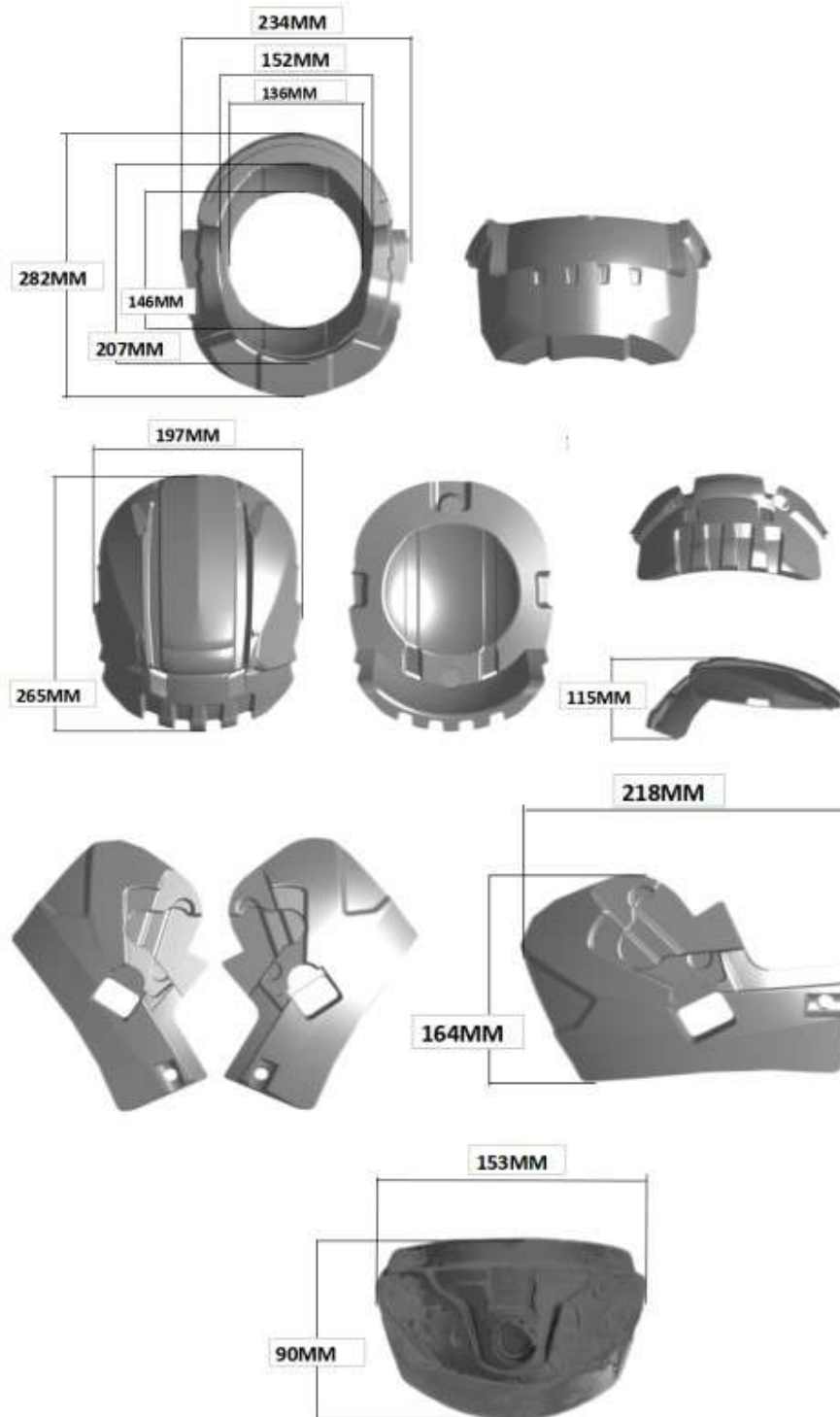
**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF THE HELMET WITH DIMENSIONS



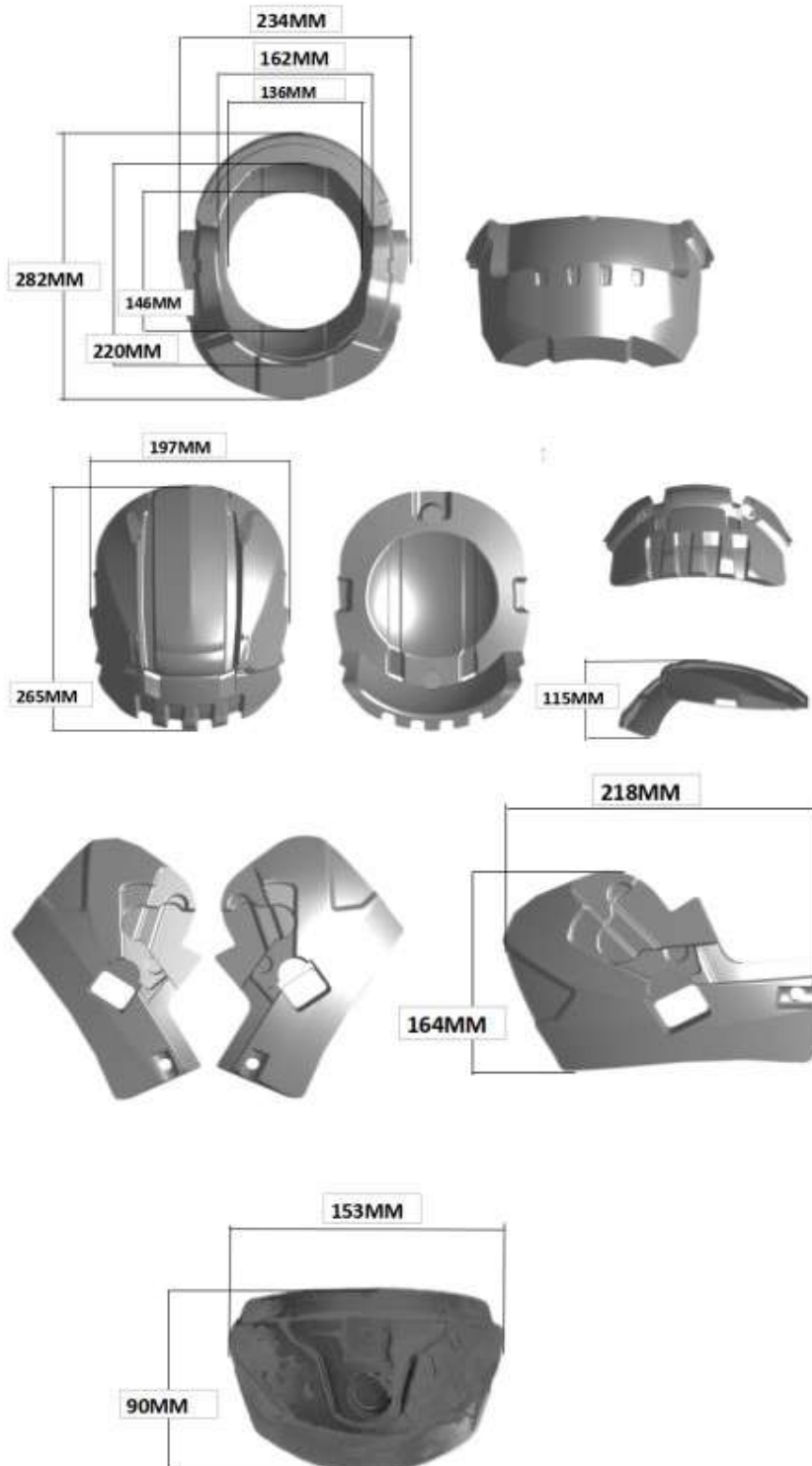
R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS

DRAWING OF PROTECTIVE PADDING (Sizes XS-S)



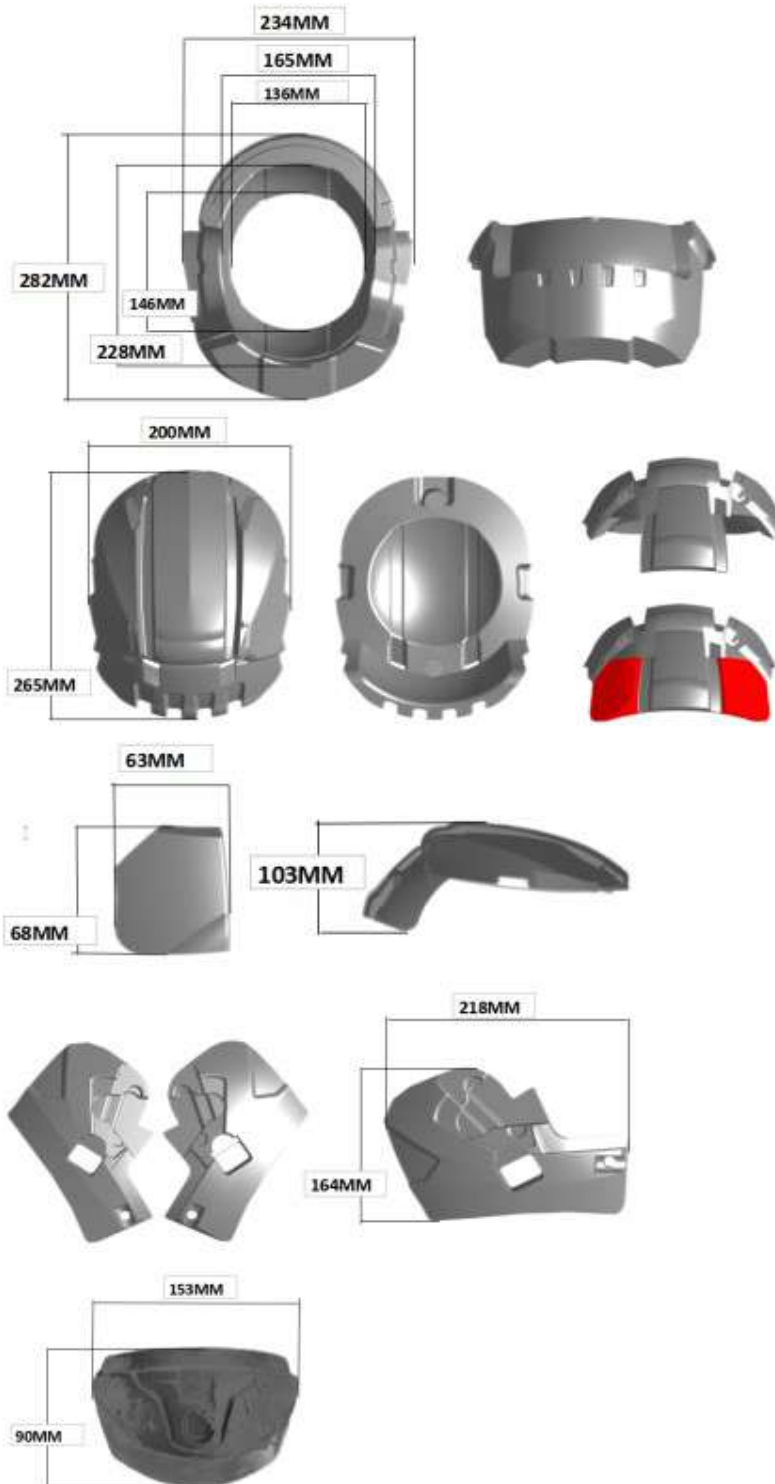
R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS

DRAWING OF PROTECTIVE PADDING (Size M)



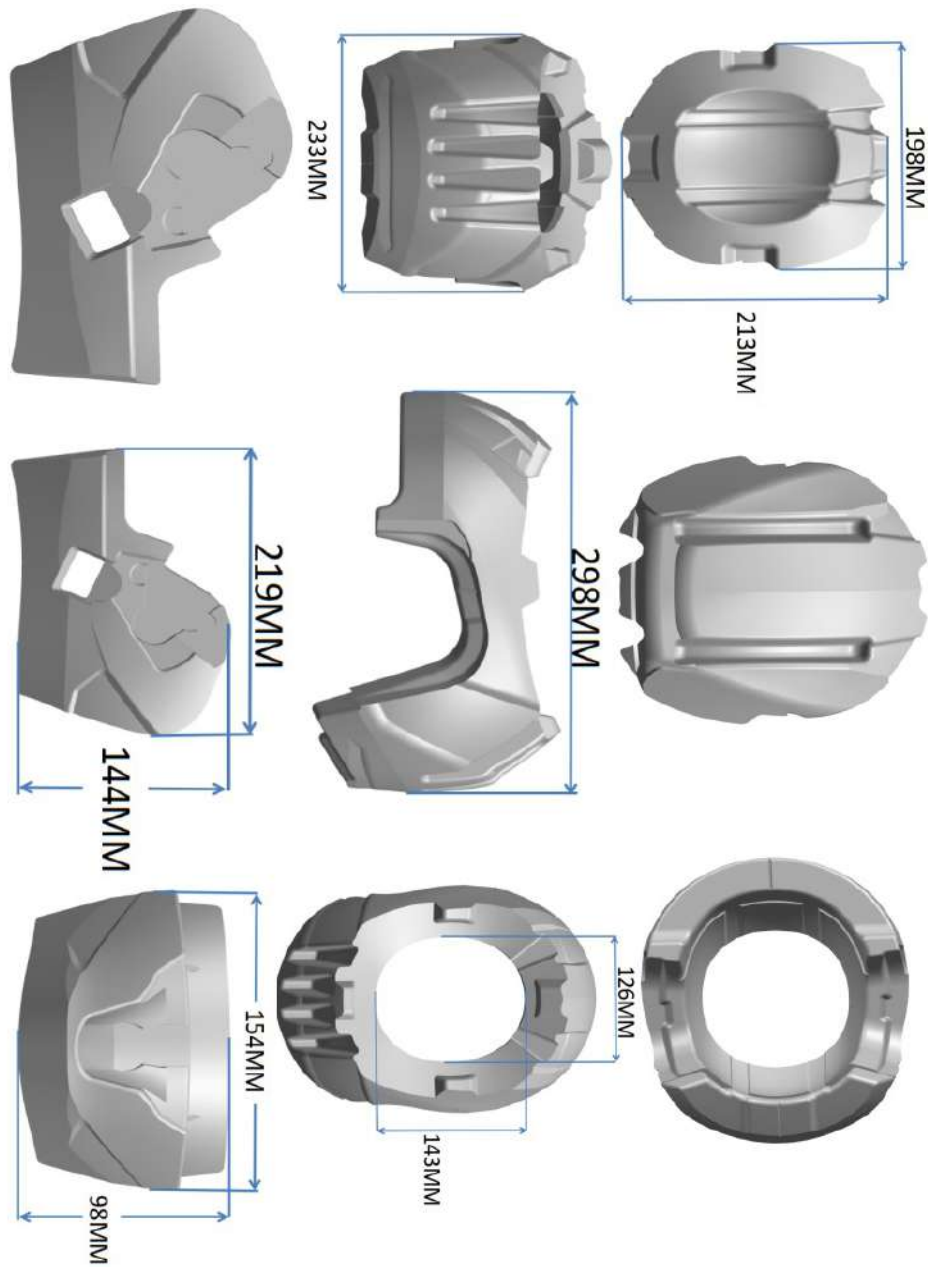
**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF PROTECTIVE PADDING (Sizes L-XXL)



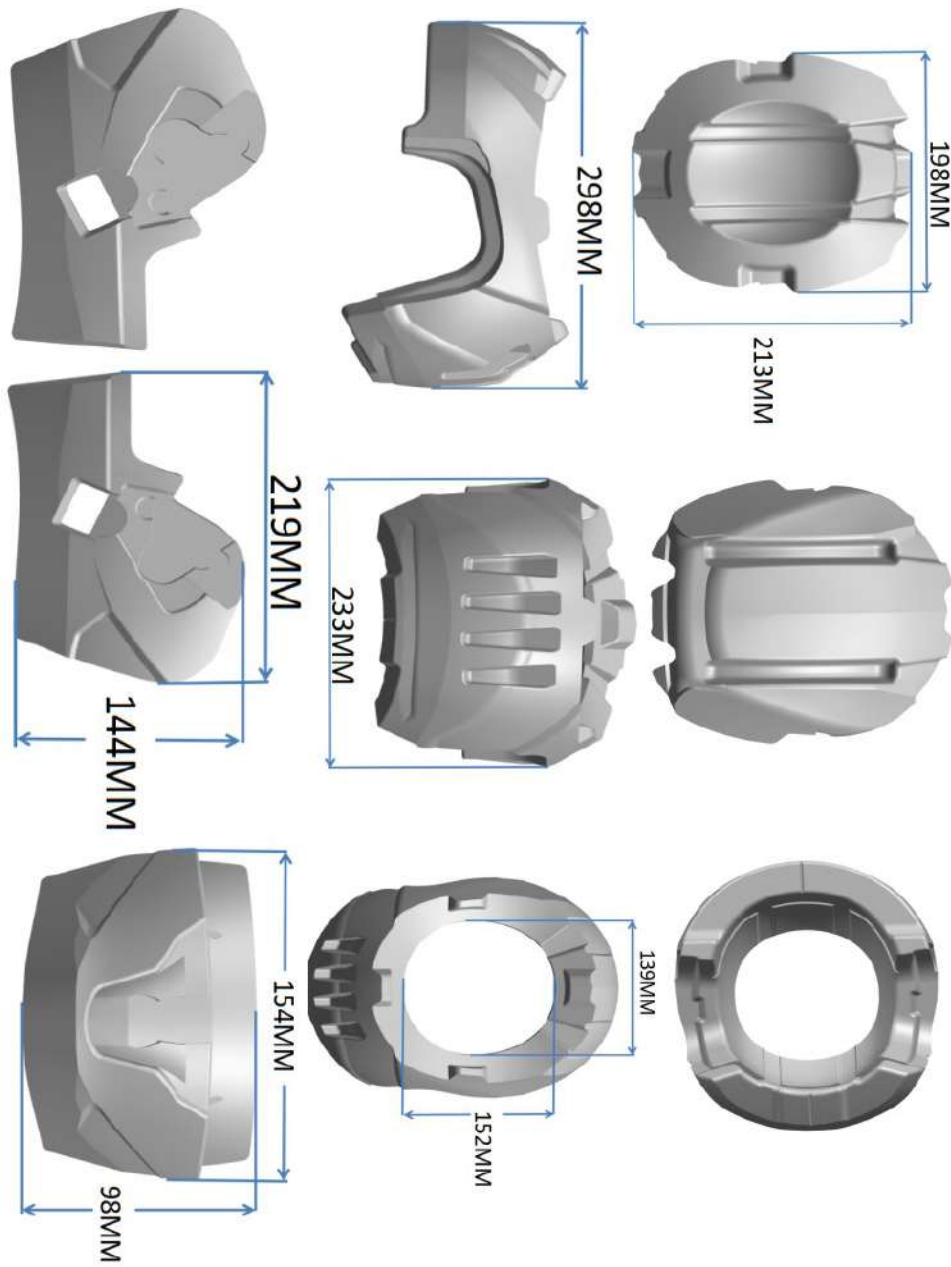
R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS

DRAWING OF PROTECTIVE PADDING (Sizes XS-S)



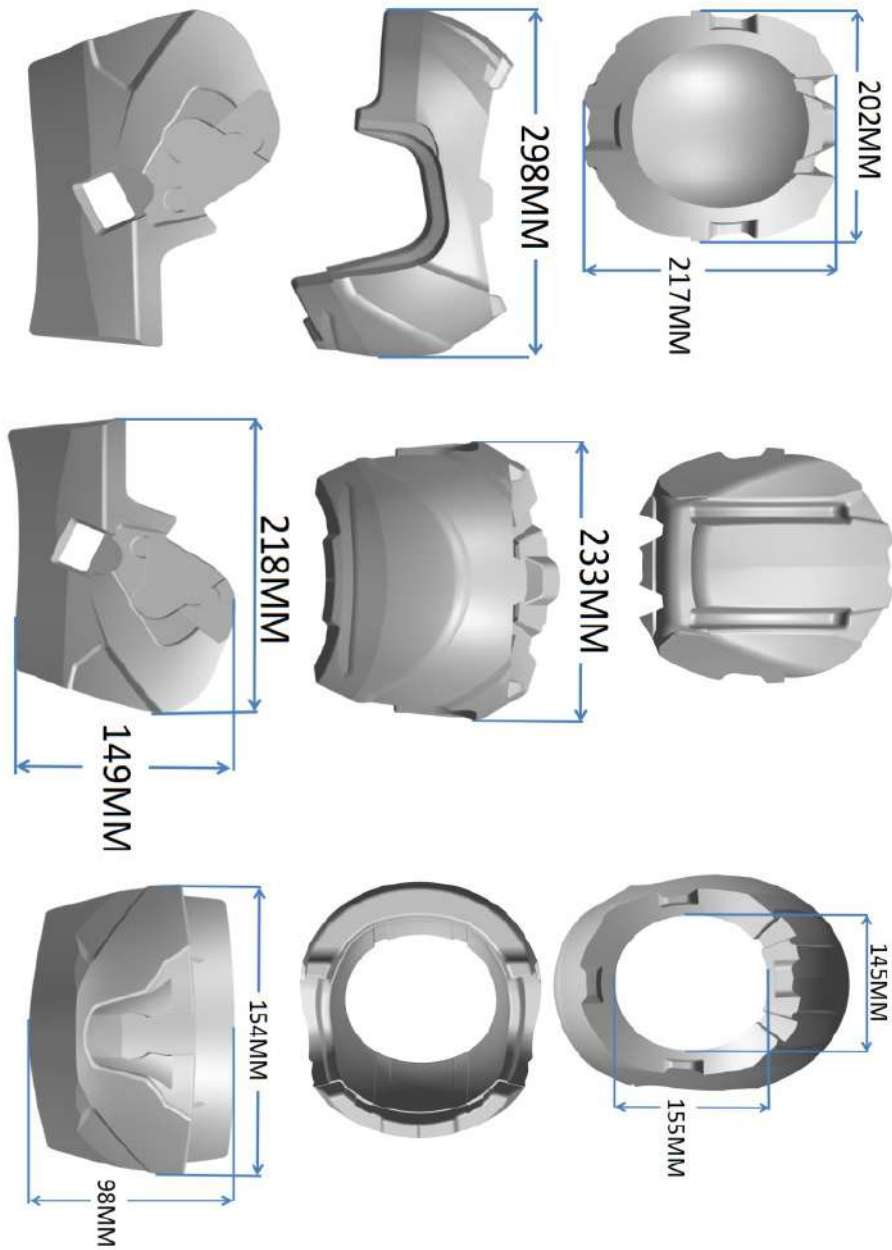
R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS

DRAWING OF PROTECTIVE PADDING (Size M)



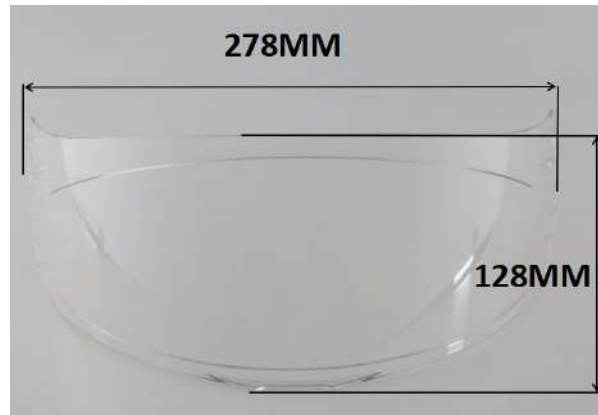
R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS

DRAWING OF PROTECTIVE PADDING (Sizes L-XXL)



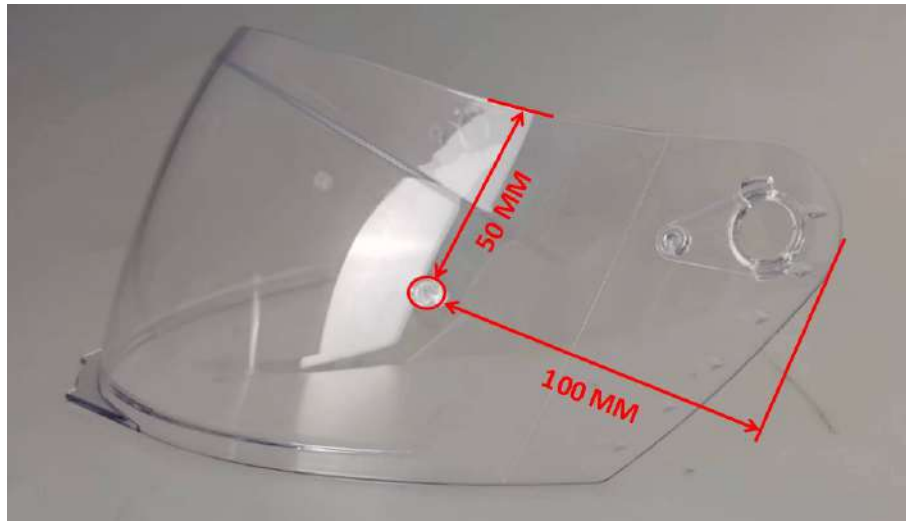
**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

GENERAL VIEW OF THE VISOR AND MECHANISMS

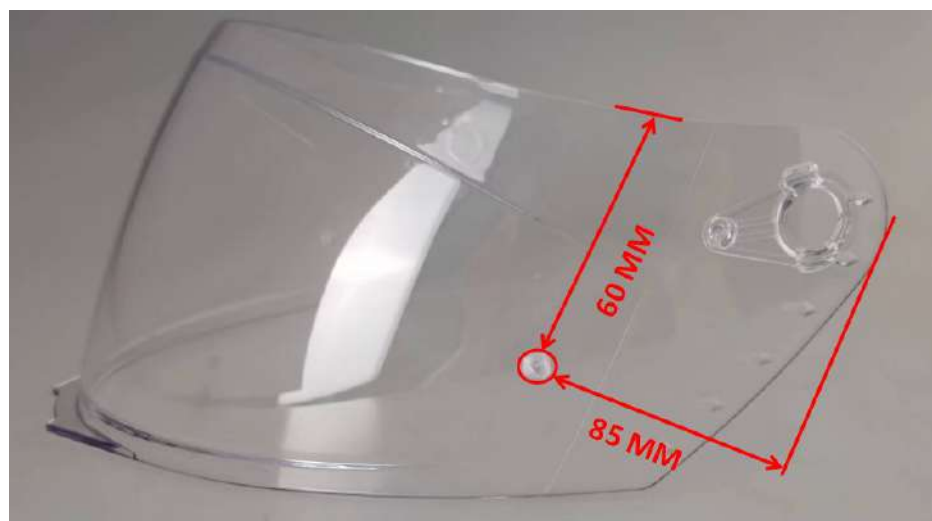


**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

GENERAL VIEW OF THE VISOR VARIANTS

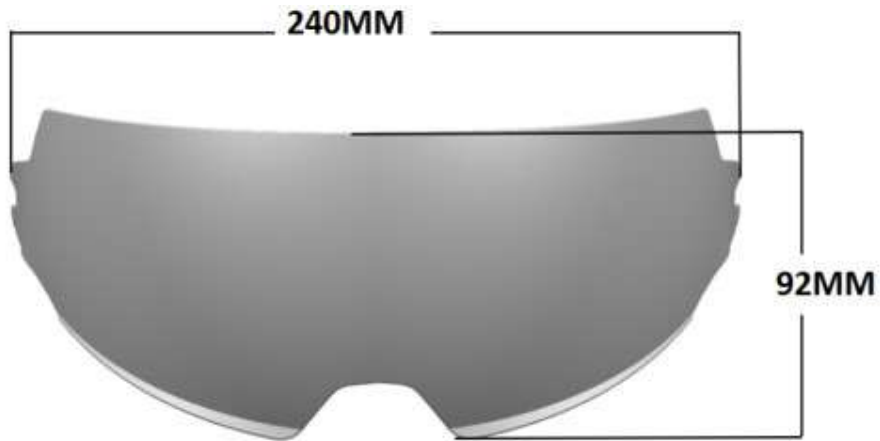


Visor variant



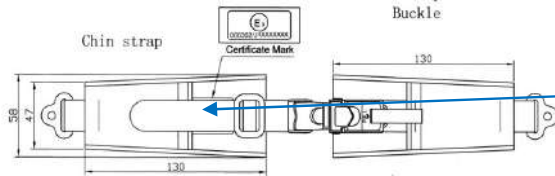
**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF THE SUN SHIELD



**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

MARKING



Approval Mark and Serial number



Made in China
Production date: XX / 2022

Approved visor for this helmet type:

For adequate protection, this helmet must fit closely and be securely attached. Any helmet that has sustained a violent impact should be replaced
'Warning' - Do not apply paint, stickers, petrol or other solvents to this helmet



L (59-60) / 1500 g

**R22.06/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

USER INSTRUCTIONS

USER'S MANUAL

Please read the following before using new helmet.

Basic information:

The helmet is produced according to the newest technology and is specifically designed for motorcyclist. Using a helmet does not exclude all the possibility of injury, in some instances impact may be too high to protect the user effectively from fatal head injuries.

For adequate protection, this helmet must fit closely and be securely attached, Any helmet that has sustained a violent impact should be replaced.

Instructions for use

1. **Visibility:** Ensure that the visor is clean and seamless all the while, never use smoked visor at night or the visibility is poor. Exchange the damaged visor for a genuine replacement immediately.
2. **No Modification:** Never make any changes to any part of the helmet. Don't make any alterations to the outer shell, don't insert screws and most importantly don't apply paint. Keep us informed if you would like to paint the helmet.
3. **Care and Cleaning:** When cleaning the shell and interior of the helmet, never use solvents, petrol and other detergents. Only use water and PH balanced soap. Using soap and a small brush to clean the pad and the visor. Leaving the visor to air-dry. Don't expose the visor to any sources of heat.
4. **Retention system:** The retention system has to be carefully set and locked always.
5. **Scarves:** Never wear scarves and other headgear underneath the retention system.

Ensure that there is no airflow restriction inside the helmet always.

6. **Spare parts:** Only use the original spare parts for the helmet.
7. **Inspections/Replacement:** The helmet is designed to absorb the energy of a blow and a collision by destroying some of its components. In case of a further blow, it wouldn't protect you any longer, replace it even through it doesn't show external damages.

Suggestions for purchase

1. **Choosing the size:** Choose your own helmet by measuring the circumference of your head with a flexible tape measure.
2. **Restriction:** Make sure that the helmet doesn't restrict your movements, for example, when turning your head to look behind you.
3. **Comfort:** Only wear the comfortable helmet and are not suffering from headaches or sickness.
4. **Adherence:** Make sure the helmet doesn't move around when the retention system is open.
5. **Homologation:** Make sure the helmet have a sticker which certifies the homologation.

Warning:

Do not apply paint, stickers, petrol or other solvents to this helmet.

Storage Method:

Never ride with the helmet hanging from the helmet holders, and don't hang the helmet from angled supports like a mirror. Don't sit on your helmet or throw it around. You shouldn't expose the liner of your helmet to strong sunlight and excessive heat such as near heaters or where temperatures exceed 50°C (122°F).