Firmado el 26/04/2024 18:38:20 : JORDI GARCIA BRUSTENGA, Director General de Estrategia Industrial y de la Pyme de Direccion General de Estrategia Industrial y de la Pequeña y Mediana Empresa.

MINISTERIO
DE INDUSTRIA
Y TURISMO

SECRETARÍA DE ESTADO DE
INDUSTRIA

DIRECCIÓN GENERAL DE ESTRATEGIA
INDUSTRIAL Y DE LA PEQUEÑA Y
MEDIANA EMPRESA

E9

E9*22R06/02*6322*02

Ext.02

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- ~~retirada de homologación / *approval withdrawn*~~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 Nº 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 Nº / *Approval No.*: E9*22R06/02*6322*02 Extensión Nº / *Extension No.* 02

Motivos de la extensión / *Reasons for extension*: Inclusión de denominaciones comerciales. Cambio de la configuración del EPS para todas las tallas. Inclusión de accesorio específico. Inclusión de filtro solar y cambio de la fijación lateral del filtro solar SF-MHR-21. / *Inclusion of commercial denominations. Change of the EPS configuration for all sizes. Inclusion of specific accessory. Inclusion of sun shield and change of the lateral fixation of the sun shield SF-MHR-21.*

1. Marca de fábrica o comercial / *Trade mark*: MHR, LS2, TAKAI, KTM

2. Tipo / *Type*: FF811
   Variantes / *Variants*: FF811, FF811-2

3. Tallas / *Sizes*:
   XXS(51-52), XS(53-54), S(55-56), M(57-58), L(59-60), XL(61-62), XXL(63-64), XXXL(65-66), XXXXL(67-68)

4. Nombre del fabricante / *Manufacturer's name*:
   JIANGMEN PENGCHENG HELMETS LTD.

5. Dirección / *Address*:
   No.01-7 Dongsheng Road, Gonghe Town, Heshan, Jiangmen City,
   Guangdong, 529728 P.R. China

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*:
   Casco de protección para motociclistas. / *Motorcyclist's protective helmet.*

9. Casco ~~sin mentón (J)~~ / con mentón protectivo (P) / ~~con mentón no protectivo (NP)~~ / ~~con mentón protectivo móvil o extraible (P/J)~~ (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/J)~~* (1)

10. Tipo de pantalla o pantallas / *Type of visor or visors*: FF-MHR-103 (E9*22R06/01*6323*01)

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

Código: **14887633-25608972SN5IQLAA2PO3** Autenticidad verificable en: https://serviciosmin.gob.es/arce
Documento electrónico, página 1 de 4.

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*:
Pantalla protectora para cascos de motociclista con lente interior antivaho. /
Protective screen for motorcycle helmets with anti-fog inner lens.

12. Casco preparado para accesorio específico (SA) / ~~preparado para accesorios universales (UA)~~ (1) /
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*:
Intercomunicador bluetooth / *Bluetooth intercom*: LS24X (E9*22R06/02*6508*00)

14. ~~Si casco UA, altavoces (S o S45) / Micrófono (M) / Montaje frontal (F) / Montaje lateral (L) / Montaje trasero (R)~~ (1) ~~*/ 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*: 20.01.2022, 05.09.2022, 01.08.2023

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*: 30.03.2022, 24.10.2022, 24.04.2024

18. Nº del acta de ensayos emitida por este servicio / *Number of report issued by that service*: MT21120074, MT22090018, MT23090134

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 DIRECTOR GENERAL DE ESTRATEGIA INDUSTRIAL Y DE LA PEQUEÑA Y MEDIANA EMPRESA

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*

Código: **14887633-25608972SN5IQLAA2PO3** Autenticidad verificable en: https://serviciosmin.gob.es/arce
Documento electrónico, página 2 de 4.

Firmado el 26/04/2024 18:38:20 : JORDI GARCIA BRUSTENGA, Director General de Estrategia Industrial y de la Pyme de Direccion General de Estrategia Industrial y de la Pequeña y Mediana Empresa.

Firmado el 26/04/2024 18:38:20 : JORDI GARCIA BRUSTENGA, Director General de Estrategia Industrial y de la Pyme de Direccion General de Estrategia Industrial y de la Pequeña y Mediana Empresa.

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 Estrategia Industrial y de la Pequeña y Mediana empresa, o ante la Secretaría de Estado de Industria, 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 appealed [2] 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 Estrategia Industrial y de la Pequeña y Mediana empresa, or Secretaría de Estado de Industria.

[2] *Note: Appeal on the following link:*
https://sede.serviciosmin.gob.es/es-es/procedimientoselectronicos/Paginas/detalle-procedimientos.aspx?IdProcedimiento=157

Firmado el 26/04/2024 18:38:20 : JORDI GARCIA BRUSTENGA, Director General de Estrategia Industrial y de la Pyme de Direccion General de Estrategia Industrial y de la Pequeña y Mediana Empresa.

Código: **14887633-25608972SN5IQLAA2PO3** Autenticidad verificable en: https://serviciosmin.gob.es/arce
Documento electrónico, página 4 de 4.

L'Albornar - Apartado de Correos 20
E - 43710 Santa Oliva (Tarragona)
España

Tel. +34 977 166000
Fax +34 977 166007
e-mail: idiada@idiada.com

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

INFORME Nº / *REPORT No.* MT23090134

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

E X T E N S I O N I I

Fabricante / *Manufacturer* (1)	:	JIANGMEN PENGCHENG HELMETS Ltd. No.01-7 Dongsheng Road, Gonghe Town, Heshan, Jiangmen City,Guangdong, 529728 P.R. China
Marca(s) / *Make(s)* (1)	:	MHR, LS2, TAKAI, KTM
Tipo / *Type* (1)	:	FF811
Variantes / *Variants* (1)	:	FF811, FF811-2
Denominaciones comerciales / *Commercial denominations* (1)	:	CITATION II, VECTOR II, VECTOR II F, VECTOR II C, FF811-A, FF811-2A, VECTOR II HPFC, VECTOR II CARBON, CITATION II HPFC
Lugar y fecha de emisión del informe / *Test report place and date*	:	L'Albornar, Santa Oliva (Tarragona) 24.04.2024

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 y extensión (exps. IDIADA Nos MT21120074 y MT22090018) 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 Nº 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 and extension (IDIADA Reports No. MT21120074 and MT22090018) and FULFILS the specifications relating to the homologation of helmets, their visors and their accesories 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

MT23090134
IDIADA

* LOS RESULTADOS PRESENTADOS SE REFIEREN UNICAMENTE 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.
THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

ANEXO AL INFORME / *ANNEX TO THE TEST REPORT*

MOTIVOS DE EXTENSIÓN / *EXTENSION REASONS*

- Inclusión de denominaciones comerciales. / *Inclusion of commercial denominations.*
- Cambio de la configuración del EPS para todas las tallas. / *Change of the EPS configuration for all sizes.*
- Inclusión de accesorio específico. / *Inclusion of specific accessory.*
- Inclusión de filtro solar. / *Inclusion of sun shield.*
- Cambio de la fijación lateral del filtro solar SF-MHR-21. / *Change of the lateral fixation of the sun shield SF-MHR-21.*

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

Fabricante / *Manufacturer* (1)	:	JIANGMEN PENGCHENG HELMETS Ltd.
Marca(s) / *Make(s)* (1)	:	LS2
Tipo / *Type* (1)	:	FF811
Variantes ensayadas / *Tested Variants* (1)	:	FF811, FF811-2
Tallas / *Sizes* (1)	:	XXS(51-52), XS(53-54), S(55-56), M(57-58), L(59-60), XL(61-62), XXL(63-64), XXXL(65-66), XXXXL(67-68)
Id. de la muestra / *Sample Id.*	:	CA2307/32, CA2403/01

Nota / *Remark*:
Todas las muestras del casco tipo FF811 y su variante FF811-2, ensayadas en este informe técnico, están equipadas con el accesorio específico tipo LS24X. / *All samples of the helmet type FF811 and its variant FF811-2, tested in this technical report, are equipped with the specific accessory type LS24X.*

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*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

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

Carcasa / *Shell*	:	Variante / *Variant* FF811: Fibra de vidrio / *Fiberglass* Variante / *Variant* FF811-2: Fibra de Carbono / *Carbon fiber*
Relleno de protección / *Protective padding*	:	Poliestireno expandido (EPS) / *Expanded polystyrene (EPS)*
Peso del casco en gramos / *Helmet weight in grams*	:	

Variante / *Variant*: FF811: XXXXL-XXL (1750g), XL (1700g), L (1650g), M (1650g), S (1600g), XS-XXS (1600g)
Variante / *Variant*: FF811-2: XXXXL-XXL (1600g), XL (1600g), L (1550g), M (1550g), S (1550g), XS-XXS (1450g)

Sistema de retención / *Retention system*	:	Cierre de apertura rápida (micrométrico No.13) / *Quick release mechanism (micrometric No.13)*
Pantalla / *Visor*	:	FF-MHR-103 (E9*22R06/01*6323*01)
Filtros solares / *Sun shields*	:	SF-MHR-21, SF-MHR-23
Accesorio específico / *Specific accessory*	:	Intercomunicador bluetooth / *Bluetooth intercom*: LS24X (E9*22R06/02*6508*00)

Nota / *Remark*:
Los resultados de ensayo del filtro solar con referencia SF-MHR-23, se encuentran en el informe técnico Nº MT21120076. / *The test results of the sun shield reference SF-MHR-23, are found in technical report No. MT21120076.*

ESPECIFICACIONES GENERALES / *GENERAL SPECIFICATIONS*

1. Constitución básica / *Basic construction* ..... *CORRECT*
2. Componentes adicionales / *Additional components*: ----
3. Opción protectiva / *Protective option*:

   Con mentón protectivo (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 shell* ..... *CORRECT*

   4.2. Área cubierta por el relleno protector / *Area covered by the protective padding* ..... *CORRECT*

5. Proyecciones o irregularidades en la parte exterior de la carcasa / *Projections or irregularities in the outer shell* ..... *CORRECT*
6. Interior del casco / *Inside of helmet* ..... *CORRECT*
7. Sistema de retención protegido contra la abrasión / *Retention system protected against abrasion* ..... *CORRECT*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

* 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.

8. Sistema de retención / *Retention system*:

8.1. Anchura de la cinta /
Chin strap width ..... *CORRECT*

8.2. Cinta desprovista de mentonera /
Chin strap does not include a chin-cup ..... *CORRECT*

8.3. Dispositivo de ajuste y retención de la cinta /
Chin strap adjustment and tensioning device ..... *CORRECT*

8.4. Posición de los dispositivos de retención y ajuste de la cinta /
Position of the chin strap fastening and tensioning devices ..... *CORRECT*

8.5. Dispositivo de apertura rápida con barra deslizante o doble anillo en D /
Sliding bar or double-D ring fastening devices:

8.5.1. Apertura únicamente con acción voluntaria /
Opening only with voluntary action ..... *NOT APPLICABLE*

8.5.2. Patilla de desenganche del mecanismo /
Releasing pulling flap ..... *NOT APPLICABLE*

8.6. Mecanismo de apertura rápida /
Quick release mechanism ..... *CORRECT*

8.7. Facilidad de apertura del cierre /
Ease of release ..... *CORRECT*

8.8. Protección contra manipulación incorrecta del cierre /
Buckle protected against incorrect manipulation ..... *CORRECT*

9. Estado del casco después del ensayo /
Helmet status after test ..... *CORRECT*

10. Visión periférica / *Peripheral vision*:

Horizontal / *Horizontal* (≥ 105°) ..... *CORRECT*

Hacia arriba / *Upwards* (≥ 7°) ..... *CORRECT*

Hacia abajo / *Downwards* (≥ 45°) ..... *CORRECT*

Deflector de respiración / *Breath deflector* ..... *CORRECT*

11. Marcado de visibilidad / *Conspicuity marking* ..... *NOT APPLICABLE*

12. Filtro solar / *Sun shield*:

12.1. Maniobrabilidad / *Maneuverability* ..... *CORRECT*

12.2. Visión periférica del usuario / *User's peripheral vision* ..... *CORRECT*

12.3. Guarniciones y dispositivos de maniobrabilidad /
Fixings and devices to allow the maneuverability ..... *CORRECT*

12.4. Defectos de visión / *Vision defects* ..... *CORRECT*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

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

Variante / *Variant*: FF811

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
1	-10 ºC	PLANO / *FLAT*	7.5	B	143	1053
				X	225	1900
				P	191	1909
				R	144	900
			6.0	S	149	761
2	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	200	929
				X	148	998
				P	126	879
				R	123	744

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
3	-10 ºC	PLANO / *FLAT*	7.5	B	145	1139
				X	230	1910
				P	193	1907
				R	163	1088
			6.0	S	141	651
4	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	160	849
				X	139	880
				P	139	861
				R	176	994

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
5	-10 ºC	PLANO / *FLAT*	7.5	B	141	951
				X	219	1826
				P	169	1568
				R	140	861
			6.0	S	148	649
6	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	182	933
				X	137	896
				P	137	838
				R	91	538

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
7	-10 ºC	PLANO / *FLAT*	7.5	B	150	981
				X	241	2109
				P	180	1710
				R	146	873
			6.0	S	131	574
8	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	117	737
				X	166	1085
				P	153	1180
				R	113	524

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
9	-10 ºC	PLANO / *FLAT*	7.5	B	179	1035
				X	235	1959
				P	164	1415
				R	114	698
			6.0	S	145	659
10	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	138	877
				X	191	1436
				P	137	908
				R	117	599

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
11	-10 ºC	PLANO / *FLAT*	7.5	B	145	963
				X	239	2101
				P	168	1453
				R	116	705
			6.0	S	131	533
12	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	106	622
				X	180	1342
				P	137	907
				R	104	568

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

IDIADA MT23090134

* 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.

TALLA / *SIZE*: XXS (51-52) Cabeza de ensayo / *Test headform*: C (515)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
13	-10 ºC	PLANO / *FLAT*	7.5	B	137	940
				X	248	2318
				P	190	1752
				R	156	1130
			6.0	S	137	546
14	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	112	650
				X	202	1768
				P	157	1105
				R	138	973

Variante / *Variant*: FF811-2

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
40	-10 ºC	PLANO / *FLAT*	7.5	B	145	957
				X	224	1812
				P	149	1312
				R	139	952
			6.0	S	128	556
41	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	143	737
				X	151	842
				P	116	800
				R	117	636

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
42	-10 ºC	PLANO / *FLAT*	7.5	B	156	1146
				X	238	2023
				P	169	1536
				R	150	1007
			6.0	S	123	522
43	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	128	724
				X	134	853
				P	120	870
				R	111	720

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
44	-10 ºC	PLANO / *FLAT*	7.5	B	149	1035
				X	222	1819
				P	167	1426
				R	152	974
			6.0	S	148	633
45	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	143	770
				X	125	797
				P	132	740
				R	112	572

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
46	-10 ºC	PLANO / *FLAT*	7.5	B	128	714
				X	217	1779
				P	174	1576
				R	162	1172
			6.0	S	130	495
47	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	127	578
				X	158	1006
				P	146	982
				R	120	734

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
48	-10 ºC	PLANO / *FLAT*	7.5	B	180	1069
				X	226	1955
				P	157	1274
				R	141	972
			6.0	S	143	551
49	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	244	961
				X	166	1248
				P	141	947
				R	125	798

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
50	-10 ºC	PLANO / *FLAT*	7.5	B	138	745
				X	227	1950
				P	160	1374
				R	125	705
			6.0	S	131	572
51	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	176	899
				X	166	1251
				P	131	929
				R	119	746

TALLA / *SIZE*: XXS (51-52) Cabeza de ensayo / *Test headform*: C (515)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2400
52	-10 ºC	PLANO / *FLAT*	7.5	B	124	822
				X	238	2130
				P	174	1520
				R	153	1018
			6.0	S	134	536
53	+50 ºC	CUÑA / *KERBSTONE*	7.5	B	121	735
				X	191	1508
				P	151	1026
				R	130	884

Resultado del ensayo / *Test result* .....*CORRECT*

* 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.

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

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

Variante / *Variant*: FF811

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
15	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	174	1432
				X	255	2468
				P	194	2106
				R	167	1239

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
16	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	168	1399
				X	253	2414
				P	194	2055
				R	193	1537

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
17	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	189	1443
				X	244	2295
				P	182	1894
				R	159	1065

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
18	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	167	1335
				X	267	2619
				P	218	2355
				R	164	1234

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
19	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	167	1289
				X	261	2494
				P	215	2072
				R	177	1624

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
20	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	231	1769
				X	251	2393
				P	208	2029
				R	131	1067

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

Variante / *Variant*: FF811-2

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
54	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	179	1483
				X	237	2200
				P	180	1636
				R	164	1355

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
55	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	172	1448
				X	252	2435
				P	176	1668
				R	168	1378

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
56	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	182	1556
				X	238	2183
				P	196	1966
				R	170	1264

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
57	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	138	1010
				X	258	2463
				P	180	1460
				R	173	1403

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
58	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	193	1346
				X	257	2392
				P	173	1736
				R	152	1199

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 275 g	HIC ≤ 2880
59	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	8.2	B	192	1232
				X	257	2335
				P	189	1797
				R	159	1347

Resultado del ensayo / *Test result* .....*CORRECT*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

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

Variante / *Variant*: FF811

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
21	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	118	621
				X	176	1099
				P	152	1116
				R	132	667

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
22	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	120	646
				X	174	1103
				P	146	1068
				R	124	628

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
23	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	122	621
				X	162	996
				P	147	962
				R	113	566

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
24	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	124	638
				X	176	1111
				P	139	944
				R	117	551

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
25	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	105	491
				X	165	991
				P	134	900
				R	115	603

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
26	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	111	532
				X	174	1056
				P	129	849
				R	114	647

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

Variante / *Variant*: FF811-2

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
60	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	96	517
				X	169	1022
				P	146	990
				R	133	666

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
61	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	105	543
				X	176	1050
				P	137	915
				R	119	530

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
62	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	118	615
				X	160	953
				P	138	975
				R	130	643

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
63	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	102	429
				X	161	967
				P	130	784
				R	115	536

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
64	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	100	446
				X	163	967
				P	128	815
				R	102	460

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOCIDAD / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					$Acc_{(g)}$ max ≤ 180 g	HIC ≤ 1300
65	AMBIENTE / *AMBIENT*	PLANO / *FLAT*	6.0	B	95	424
				X	164	1031
				P	124	761
				R	115	568

Resultado del ensayo / *Test result* .....*CORRECT*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

ENSAYO DE ABSORCIÓN DE IMPACTO OBLICUO / *OBLIQUE IMPACT ABSORPTION TEST*

Variante / *Variant*: FF811

TALLA / *SIZE*: XXXXL (67-68) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOC. / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					PRA max ≤ 10.400 rad/s²	BrIC ≤ 0.78
27	AMBIENTE / *AMBIENT*	45º	8.0	Front lat. dcha. / *Front lat. right* (45°)	2045	0.30
				Trasero / *Rear* (180°)	3293	0.18
				Lateral izq. / *Lateral left* (270°)	1524	0.18
28	AMBIENTE / *AMBIENT*	45º	8.0	Frontal / *Frontal* (0°)	2745	0.39
				Trasero lat. dcha. / *Rear lat. right* (135°)	2389	0.37

TALLA / *SIZE*: XL (61-62) Cabeza de ensayo / *Test headform*: O (625)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOC. / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					PRA max ≤ 10.400 rad/s²	BrIC ≤ 0.78
29	AMBIENTE / *AMBIENT*	45º	8.0	Front lat. dcha. / *Front lat. right* (45°)	2098	0.20
				Trasero / *Rear* (180°)	9647	0.16
				Lateral izq. / *Lateral left* (270°)	1307	0.16
30	AMBIENTE / *AMBIENT*	45º	8.0	Frontal / *Frontal* (0°)	3023	0.36
				Trasero lat. dcha. / *Rear lat. right* (135°)	3506	0.36

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: L (59-60) Cabeza de ensayo / *Test headform*: M (605)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOC. / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					PRA max ≤ 10.400 rad/s²	BrIC ≤ 0.78
31	AMBIENTE / *AMBIENT*	45º	8.0	Front lat. dcha. / *Front lat. right* (45°)	1786	0.37
				Trasero / *Rear* (180°)	2518	0.42
				Lateral izq. / *Lateral left* (270°)	2861	0.24
32	AMBIENTE / *AMBIENT*	45º	8.0	Frontal / *Frontal* (0°)	3826	0.46
				Trasero lat. dcha. / *Rear lat. right* (135°)	2424	0.35

TALLA / *SIZE*: M (57-58) Cabeza de ensayo / *Test headform*: J (575)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOC. / *SPEED* (m/s)	.PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					PRA max ≤ 10.400 rad/s²	BrIC ≤ 0.78
33	AMBIENTE / *AMBIENT*	45º	8.0	Front lat. dcha. / *Front lat. right* (45°)	1709	0.25
				Trasero / *Rear* (180°)	1292	0.13
				Lateral izq. / *Lateral left* (270°)	1095	0.13
34	AMBIENTE / *AMBIENT*	45º	8.0	Frontal / *Frontal* (0°)	3250	0.46
				Trasero lat. dcha. / *Rear lat. right* (135°)	3480	0.47

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

TALLA / *SIZE*: S (55-56) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOC. / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					PRA max ≤ 10.400 rad/s²	BrIC ≤ 0.78
35	AMBIENTE / *AMBIENT*	45º	8.0	Front lat. dcha. / *Front lat. right* (45°)	1976	0.27
				Trasero / *Rear* (180°)	3729	0.27
				Lateral izq. / *Lateral left* (270°)	4322	0.52
36	AMBIENTE / *AMBIENT*	45º	8.0	Frontal / *Frontal* (0°)	3711	0.49
				Trasero lat. dcha. / *Rear lat. right* (135°)	4255	0.53

TALLA / *SIZE*: XS (53-54) Cabeza de ensayo / *Test headform*: E (535)

Nº / *No.*	ACONDIC. / *CONDITIONING*	YUNQUE / *ANVIL*	VELOC. / *SPEED* (m/s)	PUNTO IMPACTO / *IMPACT POINT*	RESULTADOS / *RESULTS*	
					PRA max ≤ 10.400 rad/s²	BrIC ≤ 0.78
37	AMBIENTE / *AMBIENT*	45º	8.0	Front lat. dcha. / *Front lat. right* (45°)	2347	0.38
				Trasero / *Rear* (180°)	3437	0.55
				Lateral izq. / *Lateral left* (270°)	1963	0.19
38	AMBIENTE / *AMBIENT*	45º	8.0	Frontal / *Frontal* (0°)	4119	0.40
				Trasero lat. dcha. / *Rear lat. right* (135°)	3799	0.54

Resultado del ensayo / *Test result*.....*CORRECT*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

* 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.

ENSAYO PARA SALIENTES Y FRICCIÓN / *TEST FOR PROJECTIONS AND SURFACE FRICTION*

Variante / *Variant*: FF811

CASCO / *HELMET*		RESULTADOS DEL ENSAYO / *TEST RESULTS*	
Nº / *No.*	TALLA / *SIZE*	SALIENTES / *PROJECTIONS*	FRICCIÓN / *FRICTION*
39	M (57-58)	*CORRECT*	*CORRECT*

Observaciones / *Remarks*: Ensayo realizado según el Método B / *Test carried out according to Method B*

Resultado del ensayo / *Test result* .....*CORRECT*

Lugar del ensayo / *Test place* : L'Albornar, Santa Oliva (Tarragona)
Fecha del ensayo / *Test date* : 01.08.2023-08.03.2024

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.*

THE TESTS HAVE BEEN CARRIED OUT BY IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) LABORATORY ACCREDITED BY ENAC WITH NUMBER OF ACCREDITATION 35/LE2594
LOS ENSAYOS HAN SIDO REALIZADOS POR IDIADA AUTOMOTIVE TECHNOLOGY, S.A. (TS) ACREDITADO POR ENAC CON NÚMERO DE ACREDITACIÓN 35/LE2594

Validate this report with the security code «QTC8PB1K» at: https://extranet.idiada.com/hom-cve
Verifique el informe con código de seguridad «QTC8PB1K» en: https://extranet.idiada.com/hom-cve

MT23090134

DOCUMENTACIÓN TÉCNICA /
TECHNICAL DOCUMENTATION

MT23090134

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

INDEX OF DOCUMENTATION

Page	Concept	Date
1	***GENERAL INFORMATION***	***APR. 2024***
2	DESCRIPTION OF THE HELMET / SHELL / RETENTION SYSTEM	OCT. 2022
3	***PROTECTIVE PADDING***	***APR. 2024***
4	***PROTECTIVE PADDING / SPECIFIC ACCESSORY***	***APR. 2024***
5	VISOR / ***SUN SHIELD***	***APR. 2024***
6	ASSEMBLY DRAWING	OCT. 2022
7	DRAWING OF THE HELMET WITH DIMENSIONS (Shell 1, 2, 3)	OCT. 2022
8	DRAWING OF THE HELMET WITH DIMENSIONS (Shell 4, 5, 6)	OCT. 2022
9-14	***DRAWING OF PROTECTIVE PADDING***	***APR. 2024***
15	DRAWING OF THE RETENTION SYSTEM	OCT. 2022
16	DRAWING OF THE VISOR AND MECHANISMS	OCT. 2022
17	INNER VISOR	OCT. 2023
18-19	***DRAWING OF THE SUN SHIELD***	***APR. 2024***
20-21	***ACCESSORY ASSEMBLY DRAWING***	***APR. 2024***
22	***MARKING***	***APR. 2024***
23-26	USER INSTRUCTIONS	OCT. 2022
27-32	***USER INSTRUCTIONS***	***APR. 2024***

Extensions reasons:

- ***Inclusion of commercial denominations.***
- ***Change of the EPS configuration for all sizes.***
- ***Inclusion of specific accessory.***
- ***Inclusion of sun shield.***
- ***Change of the lateral fixation of the sun shield SF-MHR-21.***

Changes marked on blue, bold and italic characters.

IDIADA MT23090134

1. GENERAL INFORMATION

1.1 Trade mark(s):

MHR, LS2, TAKAI, KTM

1.2. Type:

FF811

1.3. Variants:

FF811, FF811-2

1.4. Commercial denominations:

CITATION II, VECTOR II, VECTOR II F, VECTOR II C, ***FF811-A, FF811-2A, VECTOR II HPFC, VECTOR II CARBON, CITATION II HPFC***

1.5. Name and address of manufacturer:

JIANGMEN PENGCHENG HELMETS LTD.
No.01-7 Dongsheng Road, Gonghe Town, Heshan,
Jiangmen City, Guangdong, 529728 P.R. China

1.6. Name and address of assembly plant:

JIANGMEN PENGCHENG HELMETS LTD.
No.01-7 Dongsheng Road, Gonghe Town, Heshan,
Jiangmen City, Guangdong, 529728 P.R. China

IDIADA MT23090134

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: XXL (63-64cm), XXXL (65-66cm), XXXXL (67-68cm)
Shell 2: XL (61-62cm)
Shell 3: L (59-60cm);
Shell 4: M (57-58cm)
Shell 5: S (55-56cm);
Shell 6: XXS (51-52cm), XS (53-54cm);

3. SHELL

3.1. Material used:

Variant FF811: Firberglass
Variant FF811-2: Carbon fiber

3.2. Ventilations:

3.2.1. Number of ventilations: **5**

4. RETENTION SYSTEM

4.1. Chin strap:

4.1.1. Material: **Nylon**

4.1.2. Width: **22 ± 1 mm**

4.2. Type of buckle(s): **Quick release mechanism (Micrometric No.13)**

IDIADA MT23090134

5. PROTECTIVE PADDING

5.1. Composition:

Expanded polystyrene

5.2. Density:

Variant FF811:

Size	Main Part Kg/m³	Side Part Kg/m³	Middle Part Kg/m³	*Small Part Kg/m³*
XXS	24	50	80	*60*
XS				
S	24	50		
M	30	55		
L	35	50		
XL	40	65		
XXL	40	65		
XXXL				
XXXXL				

Variant FF811-2:

Size	Main Part Kg/m³	Side Part Kg/m³	Middle Part Kg/m³	*Small Part Kg/m³*
XXS	24	50	80	*60*
XS				
S	24	45		
M	30	55		
L	35	50		
XL	40	65		
XXL	40	65		
XXXL				
XXXXL				

IDIADA MT23090134

5.3 Weight:

Variant FF811:

Size	Main Part g	Side Part g	Middle Part g	*Small Part g*
XXS	79 ± 5g	71.5± 2g	7 ± 1g	*5 ± 1g*
XS				
S	81.5 ± 5g	68 ± 2g		
M	96.5 ± 5g	74 ± 2g		
L	118 ± 5g	71.2 ± 2g		
XL	145.5 ± 5g	87 ± 2g		
XXL	143.5 ± 5g	87.5 ± 2g		
XXXL				
XXXXL				

Variant FF811-2:

Size	Main Part g	Side Part g	Middle Part g	*Small Part g*
XXS	79 ± 5g	71.5± 2g	7 ± 1g	*5 ± 1g*
XS				
S	81.5 ± 5g	58 ± 2g		
M	96.5 ± 5g	74 ± 2g		
L	118 ± 5g	71.2 ± 2g		
XL	145.5 ± 5g	87 ± 2g		
XXL	143.5 ± 5g	87.5 ± 2g		
XXXL				
XXXXL				

6. SPECIFIC ACCESSORY

6.1 Functionality: Bluetooth intercom

6.2 Type: LS24X

*6.3 Approval number: E9*22R06/02*6508*00*

6.4 Trade mark: CARDO, LS2

6.5 Weight: 110 ± 10 g

6.6 Drawing: See pages from 20 to 21

IDIADA MT23090134

7. VISOR

7.1. Approval number: **E9*22R06/01*6323*01**

7.2. Trade Mark: **MHR, LS2**

7.3. Type: : **FF-MHR-103**

7.4. Variants: **FF-MHR-103, FF-MHR-103 PINLOCK**

7.5. Name and address of manufacturer:

JIANGMEN PENGCHENG HELMETS LTD.
No.01-7 Dongsheng Road, Gonghe Town, Heshan,
Jiangmen City, Guangdong, 529728 P.R. China

7.6. Material: **PC**

7.7. Drawing of the visor: **See page 16**

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

7.9. Colour: **Clear**

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

7.11. Thickness: **2.2 ± 0.1 mm**

7.12. Inner visor:

Pinlock layer model DKS 457 clear 120 installed on variant FF-MHR-103 PINLOCK. See page 17.

8. SUN SHIELD

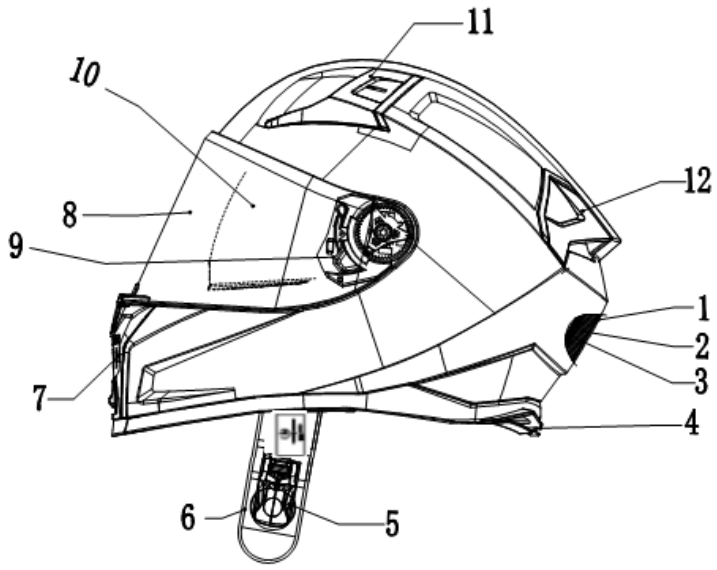
8.1. Reference name: **SF-MHR-21***, SF-MHR-23*

8.2. Material: **PC**

8.3. Drawing of the sun shield: See pages 18 and 19

IDIADA MT23090134

ASSEMBLY DRAWING



number 序号	name 名称	unit 单位	piece 数量	material 材料
12	back vent 后风窗	set 套	1	pc+abs
11	top vent 前风窗	set 套	1	pc+abs
10	Visor 内镜片	piece 个	1	pc
9	Ratchet system 底座	set 套	2	pom+aluminium
8	visor 镜片	piece 个	1	pc
7	mouth vent 下巴风窗	set 套	1	pc+abs
6	chin strap 帽带	unit 条	2	nylon
5	buckle/Double"D"ring 快速扣/D型不锈钢环扣	set 套	1	zn/ stainless steel
4	rubber ring 底胶条	unit 条	1	PP
3	comfort padding 内衬	set 套	1	nylon
2	protective padding 泡沫	piece 个	4	eps
1	Outer shell 壳体	piece 个	1	Fiberglass

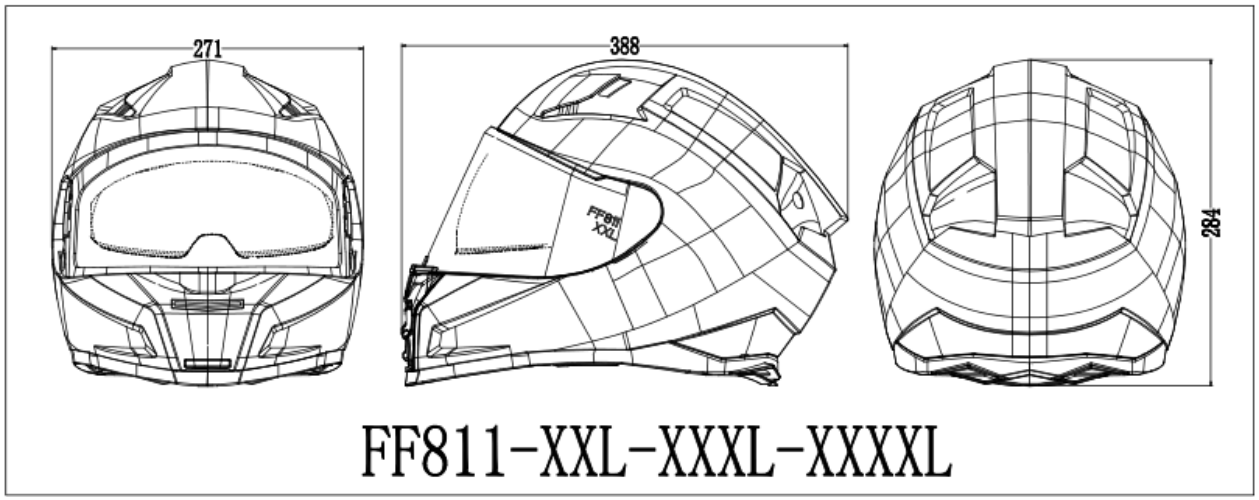
MODEL	FF811								
SIZE	XXXXL	XXXL	XXL	XL	L	M	S	XS	XXS
CM	68-67	66-65	64-63	62-61	60-59	58-57	56-55	54-53	52-51

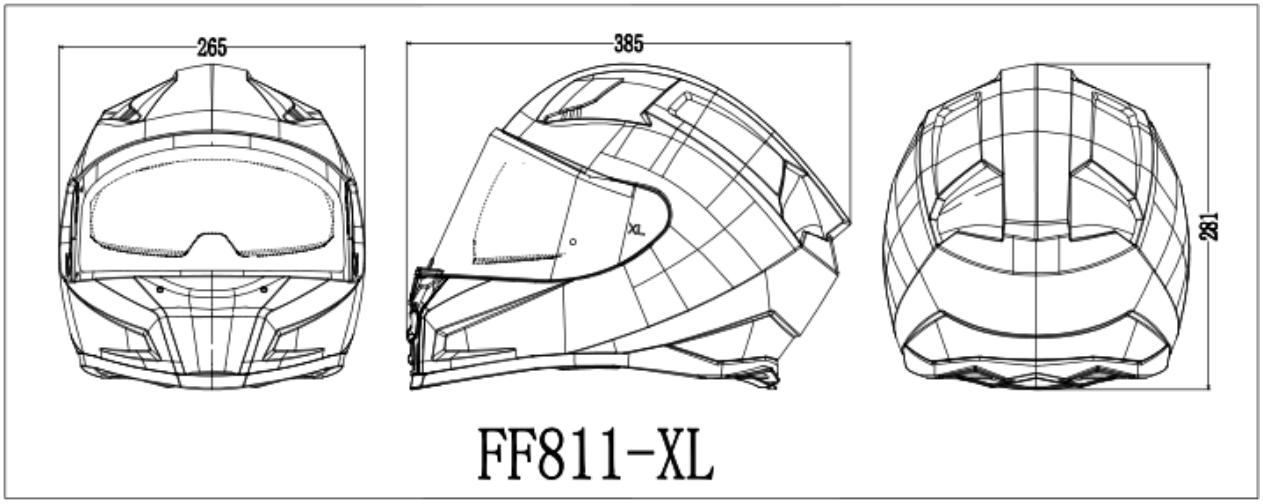
技术要求 technical requirement

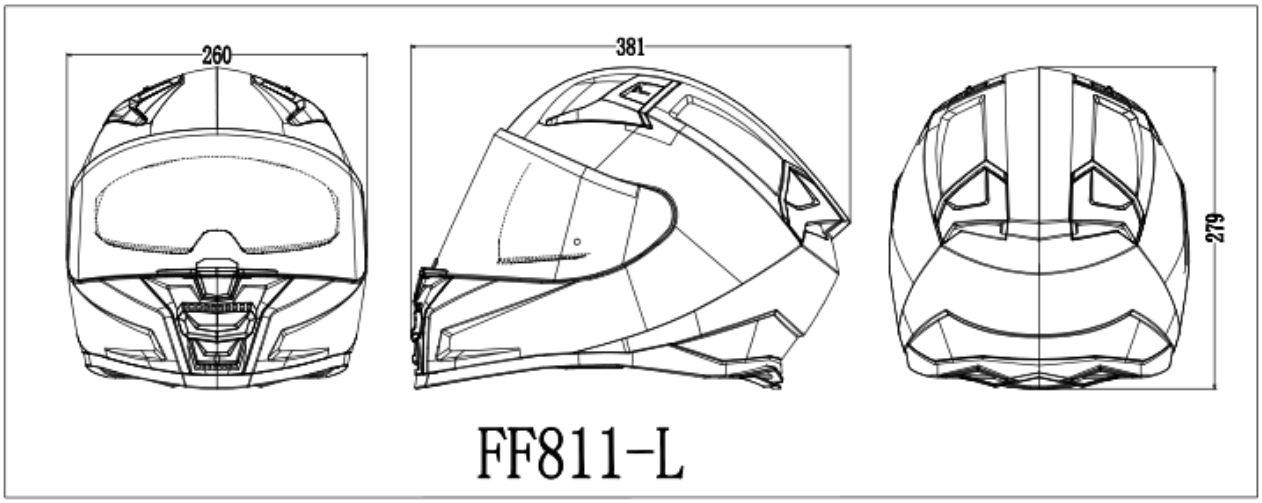
1.The surface of the outshell should be smooth and bright no mottle, pinhold,bulb,drop lack of oil ,disdosuie of basic color.
2. Every spare parts should be fixed correctly , and not be loose,missed.

MT23090134
IDIADA

DRAWING OF THE HELMET WITH DIMENSIONS (Shell 1, 2, 3)

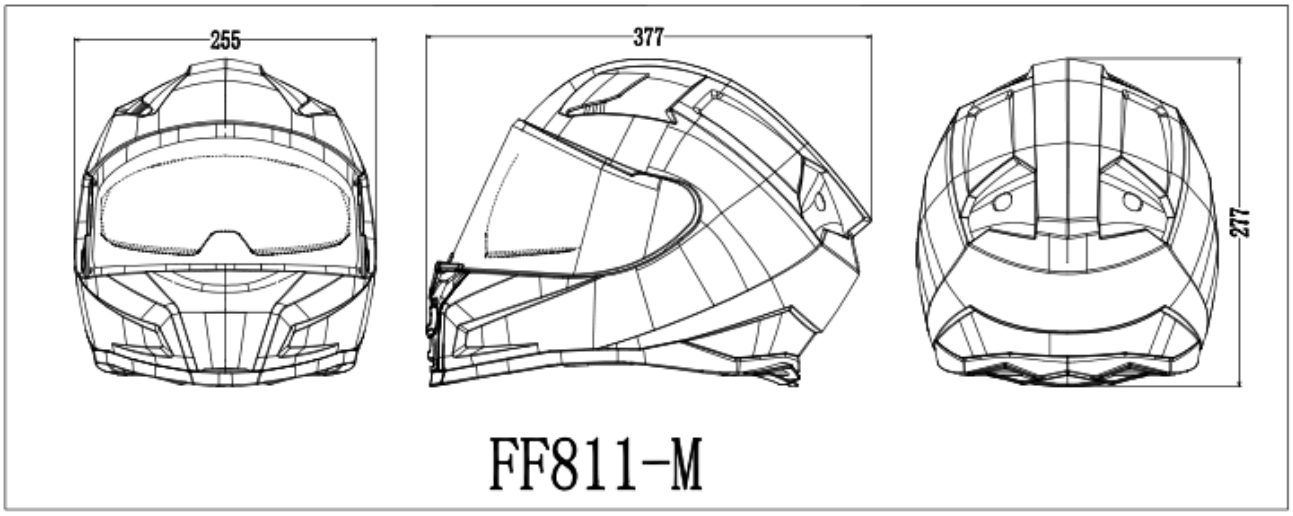


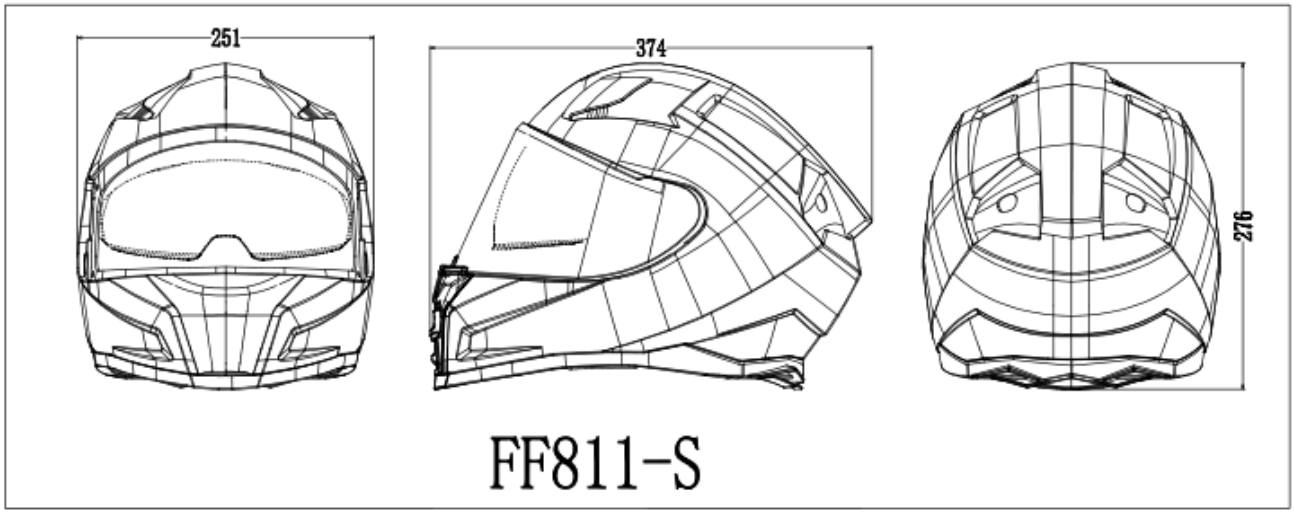


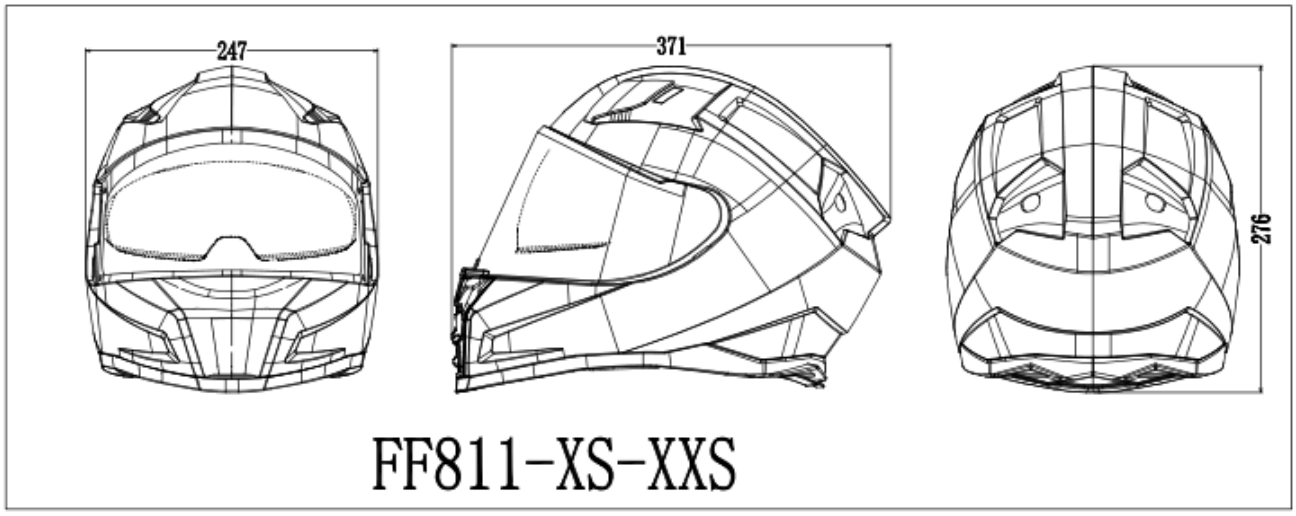


IDIADA MT23090134

DRAWING OF THE HELMET WITH DIMENSIONS (Shell 4, 5, 6)

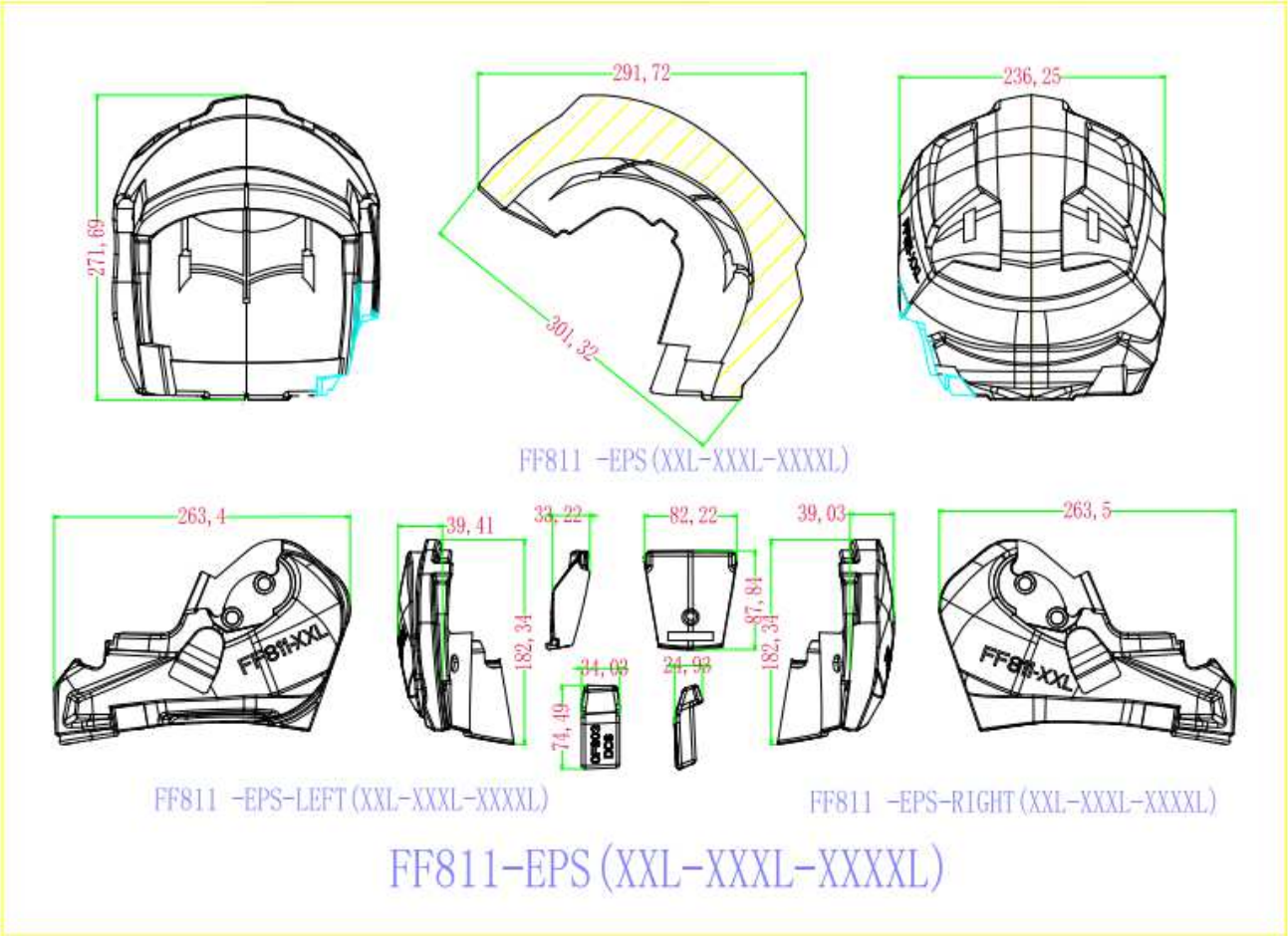






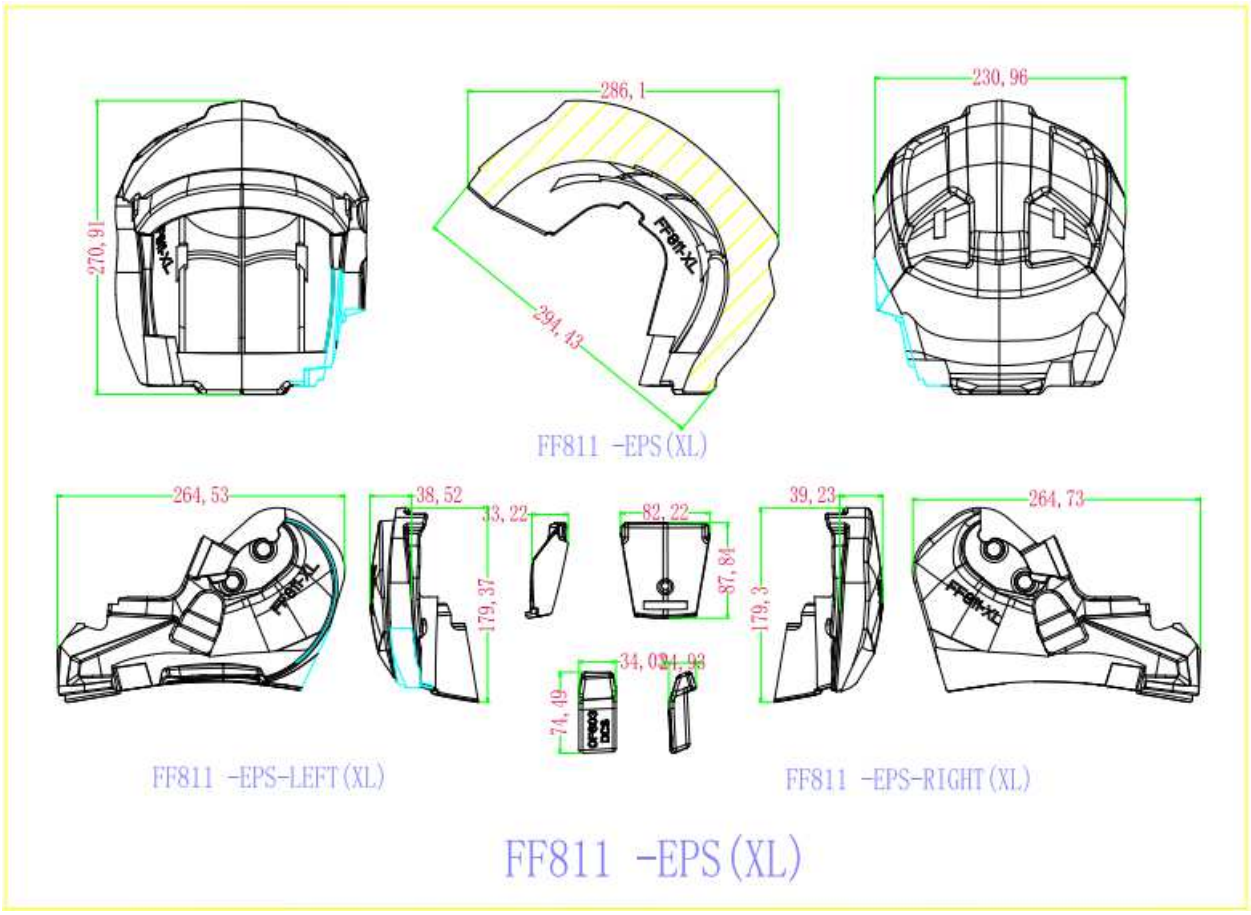
IDIADA MT23090134

DRAWING OF PROTECTIVE PADDING (Sizes XXXXL-XXL)



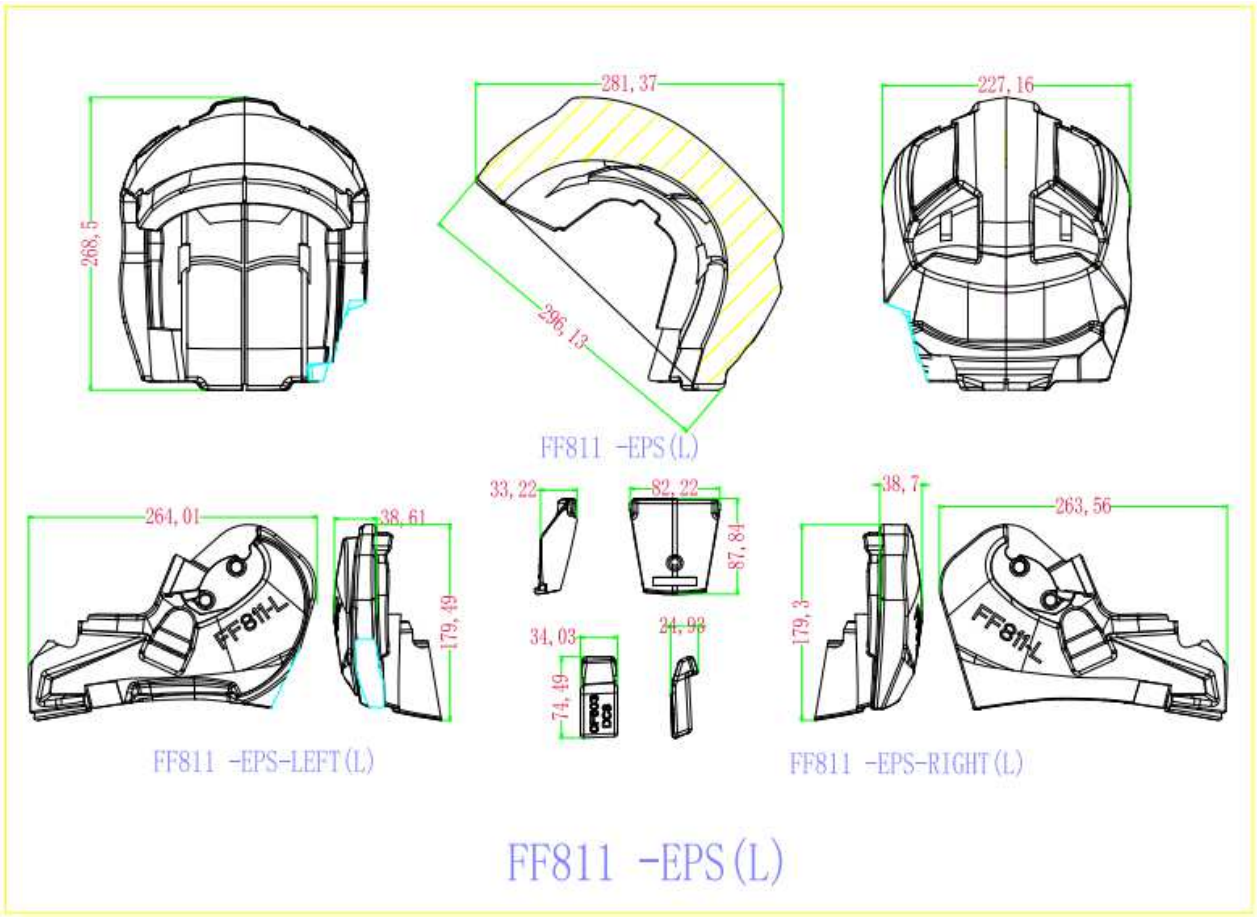
IDIADA MT23090134

DRAWING OF PROTECTIVE PADDING (Size XL)



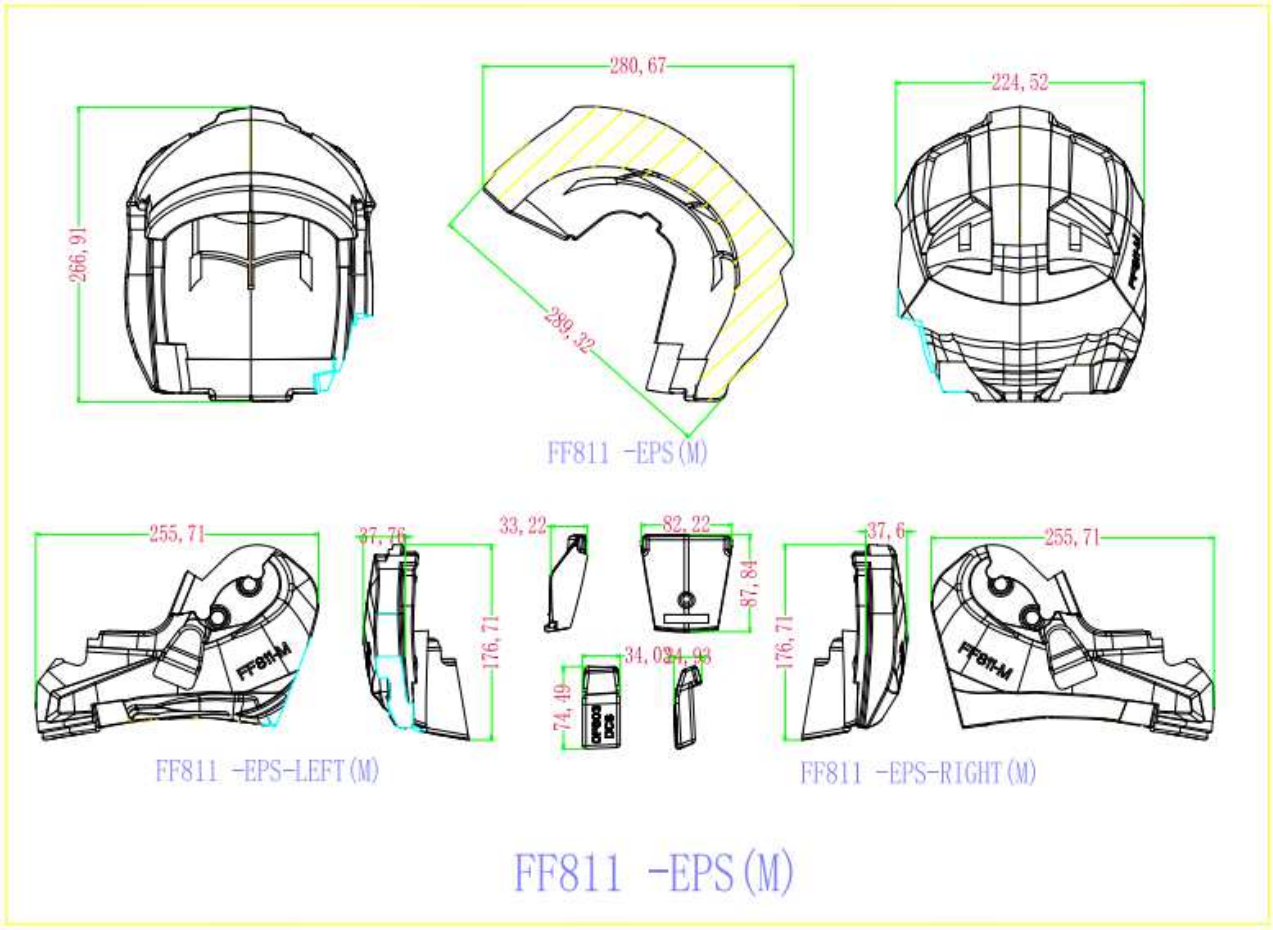
IDIADA MT23090134

DRAWING OF PROTECTIVE PADDING (Size L)



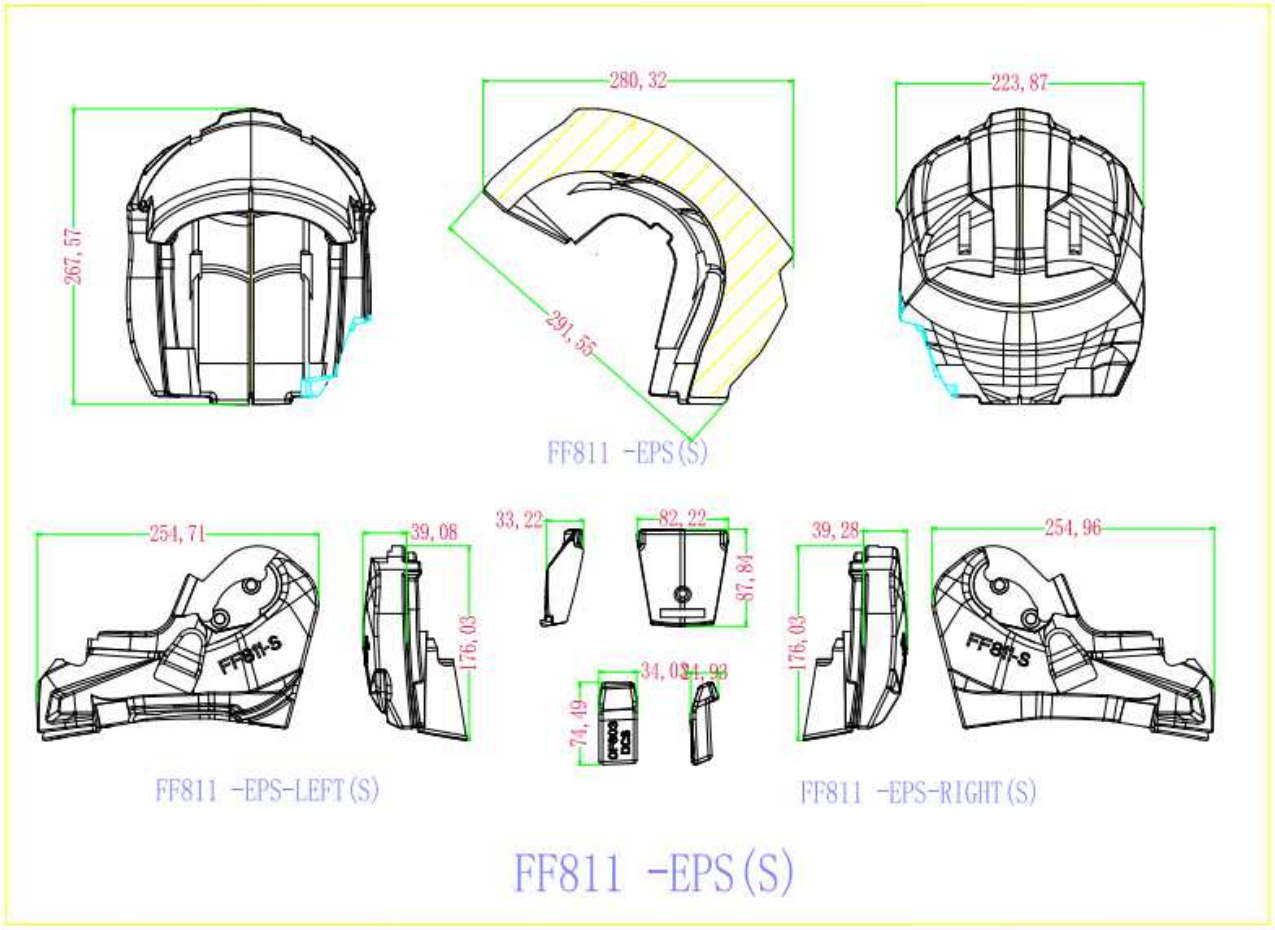
MT23090134
IDIADA

DRAWING OF PROTECTIVE PADDING (Size M)



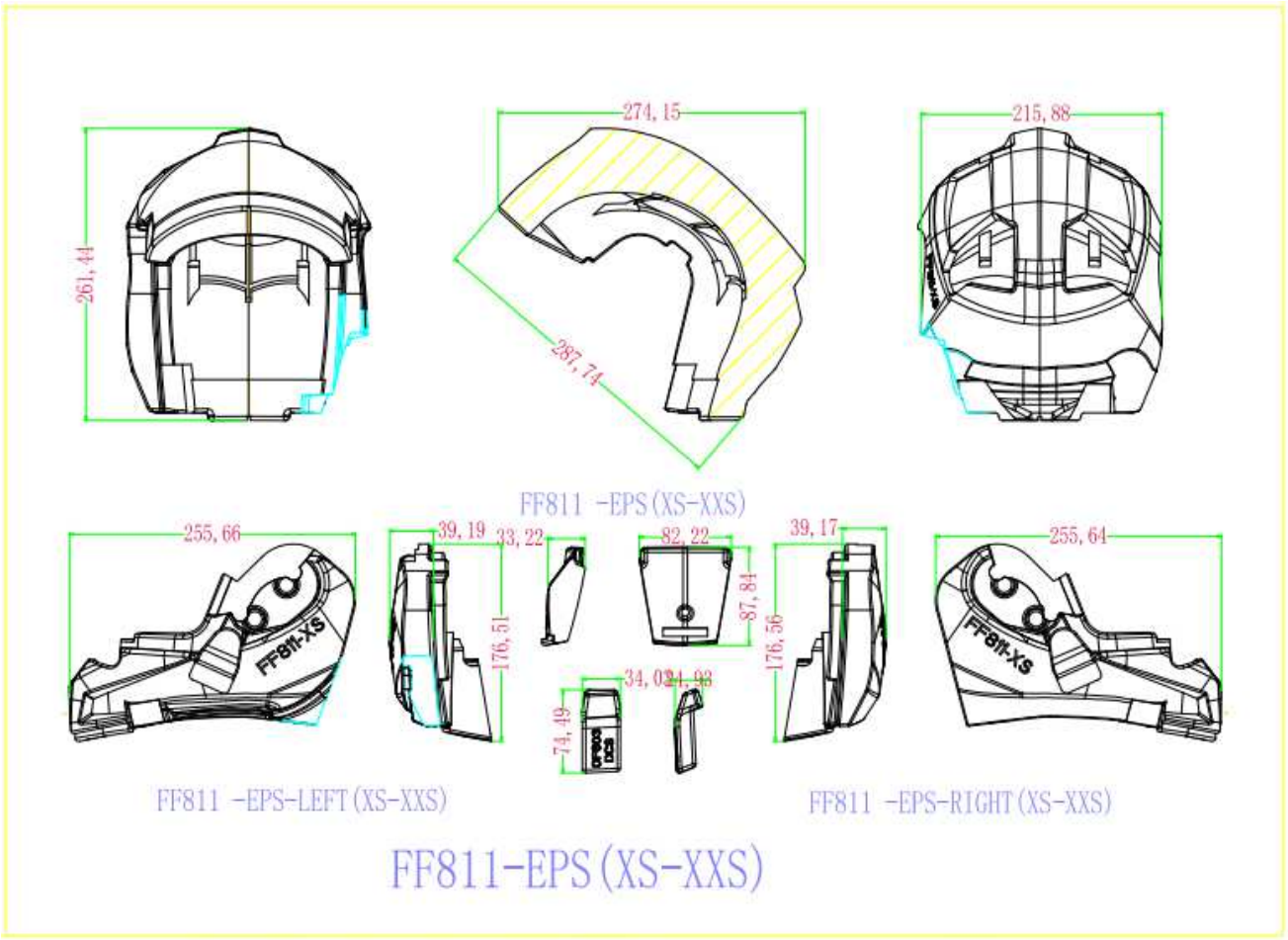
MT23090134
IDIADA

DRAWING OF PROTECTIVE PADDING (Size S)



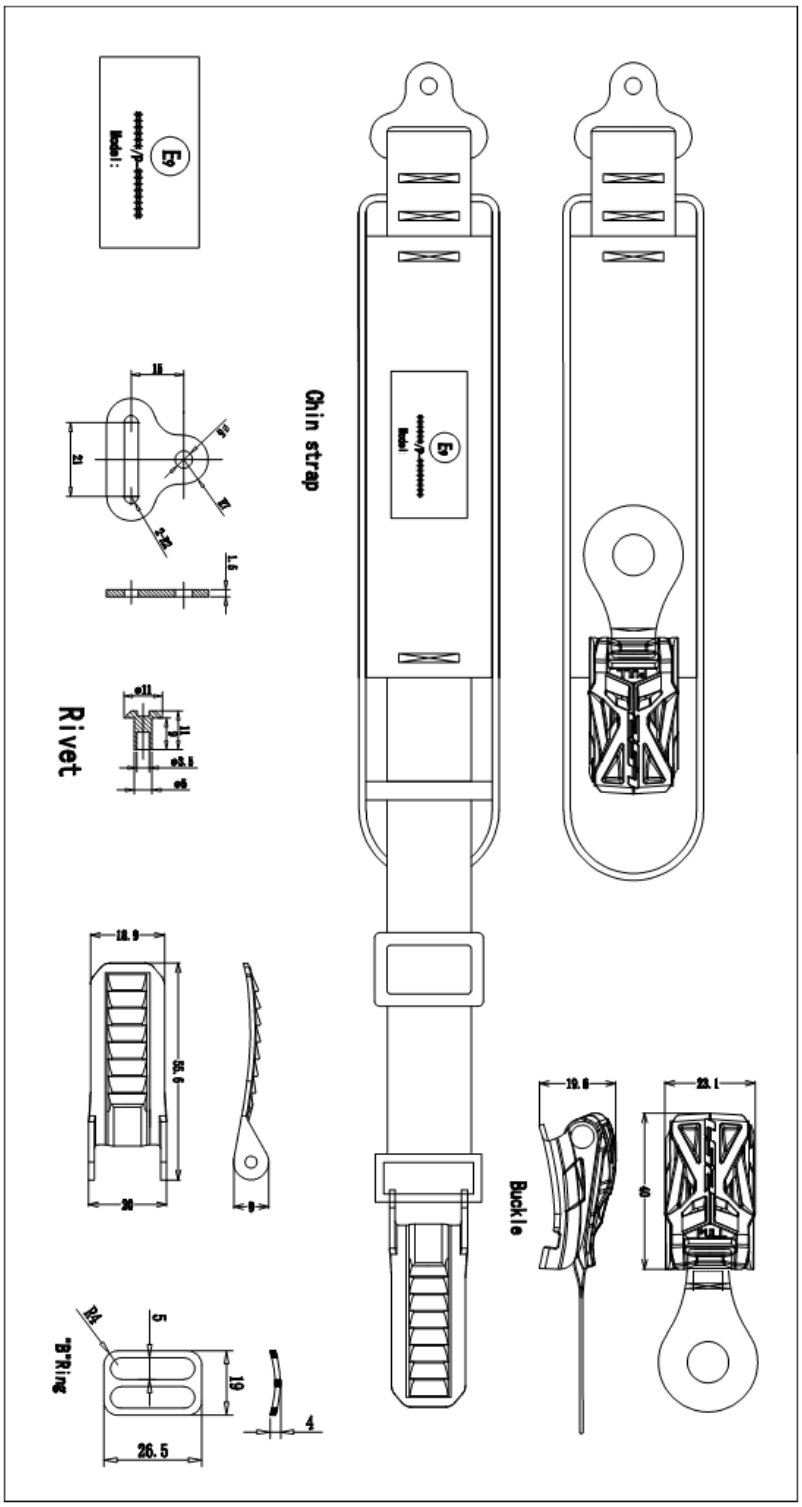
IDIADA MT23090134

DRAWING OF PROTECTIVE PADDING (Sizes XS-XXS)



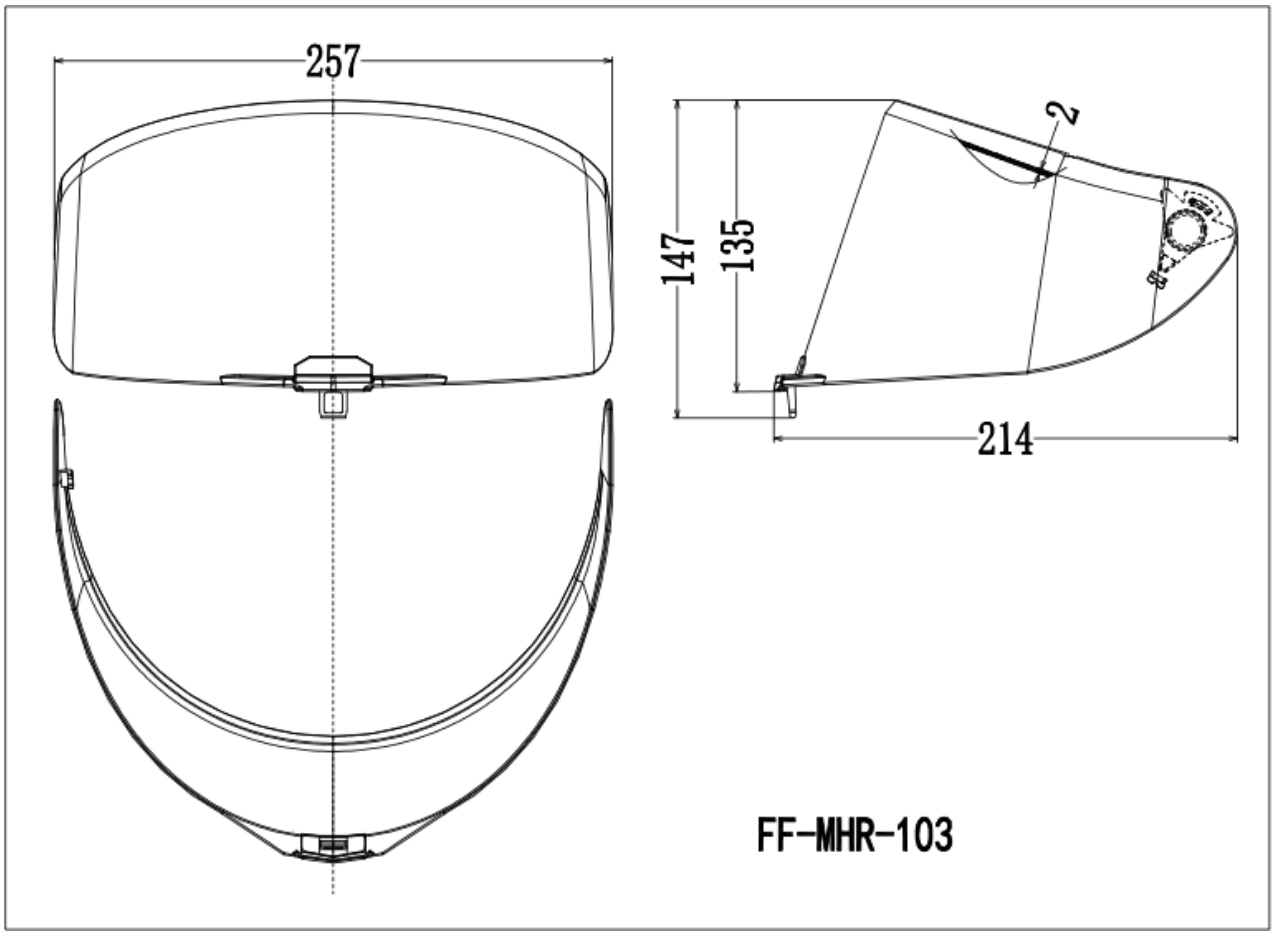
MT23090134
IDIADA

DRAWING OF THE RETENTION SYSTEM



IDIADA MT23090134

DRAWING OF THE VISOR AND MECHANISMS

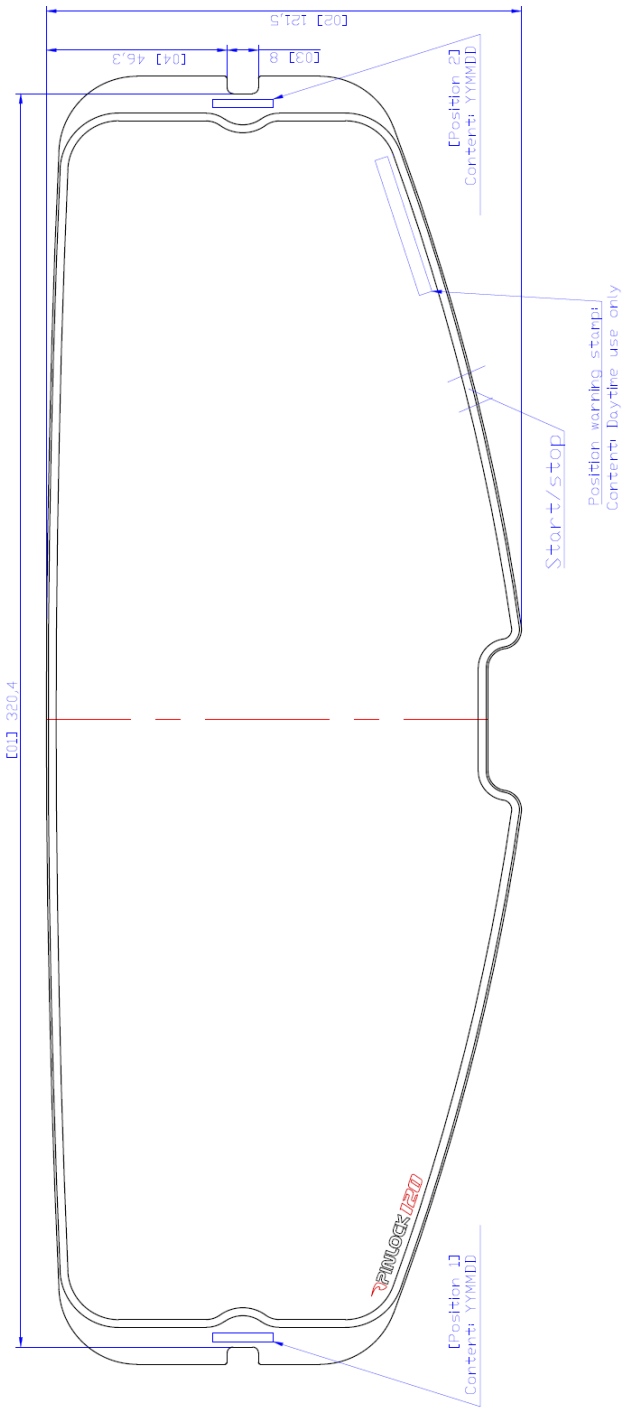






IDIADA MT23090134

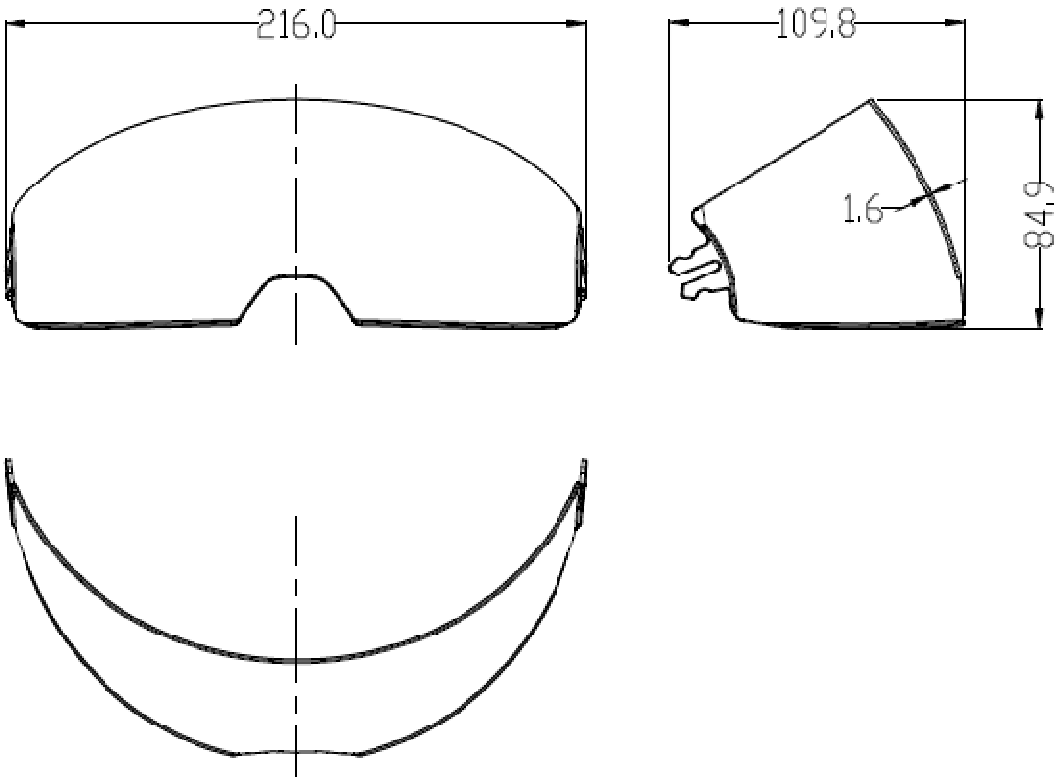
INNER VISOR
(For visor variant FF-MHR-103 PINLOCK)



IDIADA MT23090134

DRAWING OF THE SUN SHIELD (I)

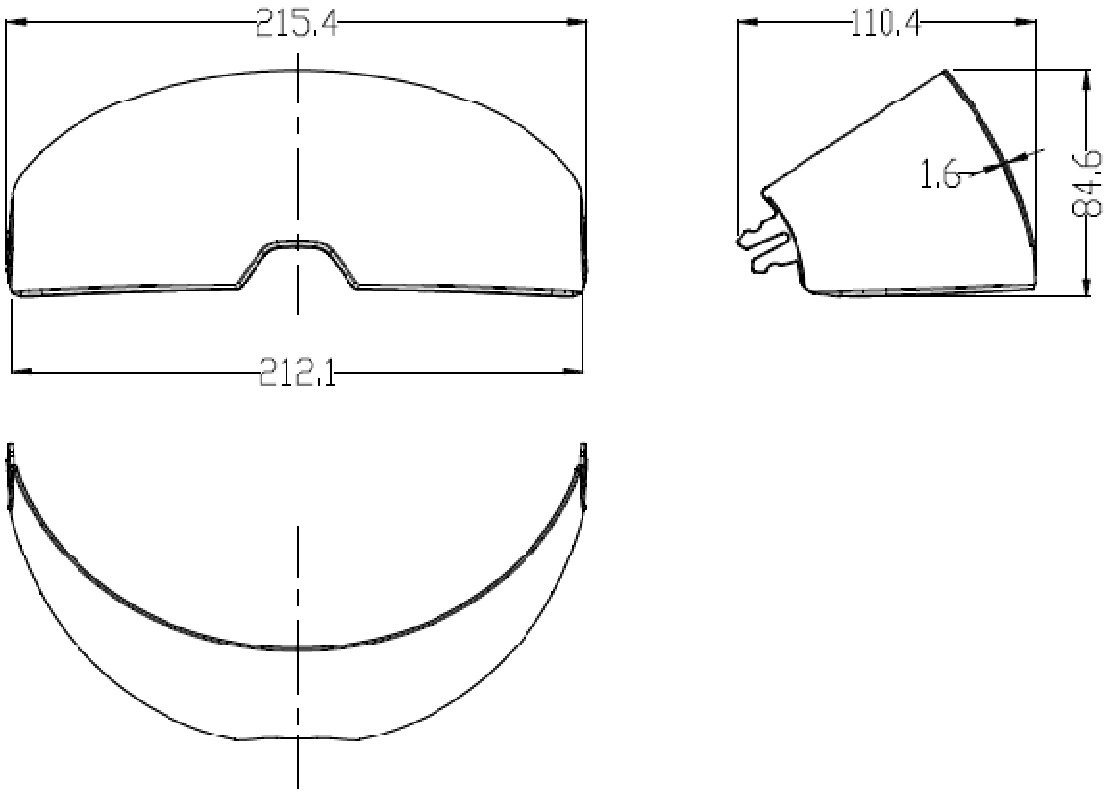
SF-MHR-21



IDIADA MT23090134

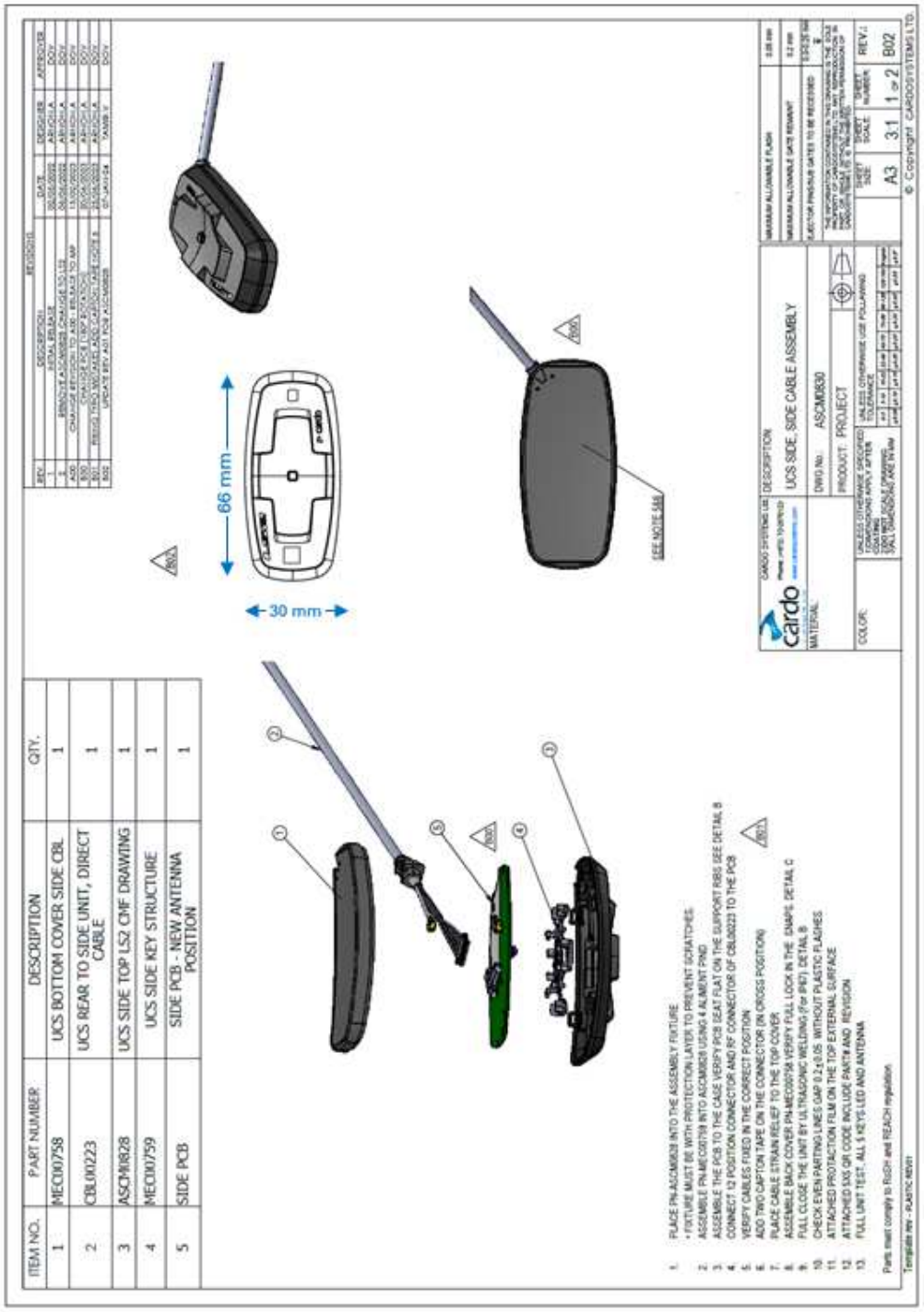
DRAWING OF THE SUN SHIELD (II)

SF-MHR-23



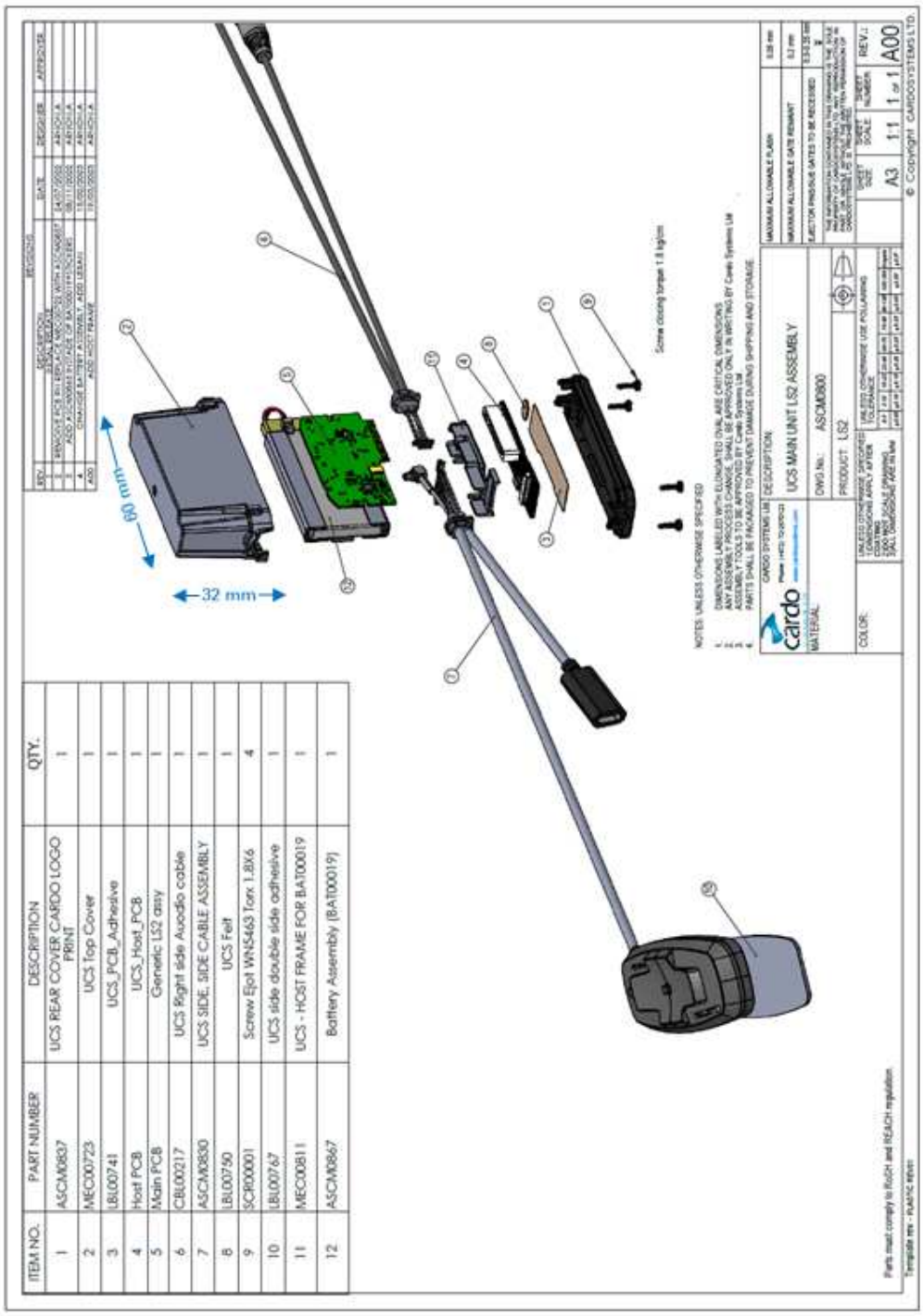
IDIADA MT23090134

ACCESSORY ASSEMBLY DRAWING (I)



IBIADA MT23090134

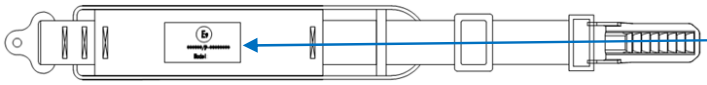
ACCESSORY ASSEMBLY DRAWING (II)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASCM0837	UCS REAR COVER CARDO LOGO PRINT	1
2	MEC00723	UCS Top Cover	1
3	LBL00741	UCS_PCB_Adhesive	1
4	Host PCB	UCS_Host_PCB	1
5	Main PCB	Generic LS2 assy	1
6	CBL00217	UCS Right side Audio cable	1
7	ASCM0830	UCS SIDE, SIDE CABLE ASSEMBLY	1
8	LBL00750	UCS Felt	1
9	SCR00001	Screw Epot WNS463 Torx 1.8X6	4
10	LBL00767	UCS side double side adhesive	1
11	MEC00811	UCS - HOST FRAME FOR BAT00019	1
12	ASCM0867	Battery Assembly (BAT00019)	1

IDIADA MT23090134

MARKING



Approval Mark and Serial number:
E9-06.6322/P/SA-0001



WARNING
ALWAYS CHECK YOUR
HELMET BEFORE RIDING OFF.
①1. Check the shield and visor screws, and retighten them if necessary.
2. Check for cracks in the helmet. Strong acid (for example, battery acid) can damage the shield base. If you find crack damages, stop using the helmet immediately.
3. Plastic components may start to wear out about 5 years after manufacture. If you find deterioration in any part of a component, either replace the component or get a new helmet. If these parts come loose and/or fall off while you are riding, your vision may be blocked which could cause an accident.
4. Check the security of the retention system.
5. For adequate protection, this helmet must fit closely and be securely attached.
6. Any helmet that has sustained a violent impact should be replaced.
7. "'Warning' – Do not apply paint, stickers, petrol or other solvents to this helmet".
CLEAN CAREFULLY YOUR HELMET
②1. Never use hot or salt water, benzene, gasoline, glass cleaner or other solvents. Your helmet could be seriously damaged by these substances without whowing any apparent visible damage. A helmet damaged or weakened by a cleaning Agent may not provide head protection in an accident resulting serious personal injury or death. The correct way to clean a helmet is to mix 5 or 6 drops of mild soap in quart of warm water. Dampen a soft cloth with this solution and wipe the helmet clean. Rinse with a wet cloth.

Manufactured date:
Visor approved for this helmet:
DO NOT REMOVE THIS LABEL
Manufactured by MHR. Made in China



L (59-60) / 1500 g

IDIADA MT23090134

USER INSTRUCTIONS (I)



IDIADA MT23090134

USER INSTRUCTIONS (II)

Congratulations on purchasing your new LS2 helmet. Please read these instructions carefully before use.They contain valuable informations to help you obtain the most protection from your helmet and to ensure a longer life for your helmet. All our products come from the most advanced research in terms of active security and design. The very high level for aerodynamism and comfort will get you the best performances all along the road. Whatever can be your choice leisure, tourism, racing, one of the helmets from the LS2 range is the best solution for your active protection.

1. Read these instructions thorougly before using your helmet for the first time and store them safety for future reference.
2. A helmet like all products may wear out over time depending upon its use and the amount of care that is given. Please check your helmet every time before use for damage and do not use a damaged helmet. The most known standards of homologation recommend a helmet life of five years. LS2 agrees with their recommendation even though your helmet does not show any signs of malfunction, visible damage or defect. We strongly recommend you replace your helmet five years after the original date of purchase. See also "ONE IMPACT RULE" of item 3 in this manual, which says clearly "helmet is designed to help absorb one impact".
3. If you have any questions or comments concerning this helmet, please contact your nearest LS2 dealer or agent. Note that these specifications are subject to change without notice, as we continually strive to improve our products.

HOW TO CHOOSE A HELMET AND WEAR IT CORRECTLY

No helmet can protect the wearer against all foreseable high speed and low speed impact. however, for maximum head protection the helmet must be of proper fit and the retention system must be securely fastened under the chin. Failure to have proper fit and to securely fasten the helmet is dangerous as the helmet could come off in an accident resulting in severe head injury or death.

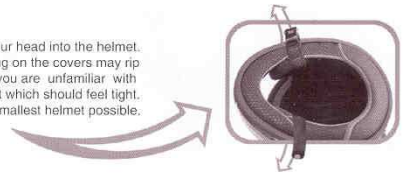
1 To determinate proper fit.

1.1. Measure your head size. Wrap a tape measure horizontally around your head at the height of about 2,5 cm above your eyebrows. This will establish the longest measurement around your head.

1.2. Select the helmet that is the closest match to your head size. If your head size should fat between two helmet sizes, try on the smaller one first.

2 Try the helmet on

2.1. Expand the helmet opening by the straps, and slide your head into the helmet. Pull the chin straps only, not the chin straps cover, puling on the covers may rip them. If the helmet is not tight, it is too big for you. If you are unfamiliar with helmets you may be reluctant to pull down the helmet which should feel tight. Even if you feel it is difficult to put it on, please use the smallest helmet possible.



3 Check for a proper fit. With the helmet , go through the following checklist to determine whether the helmet is the correct size.

3.1. Make sure the inner lining fits snugly all around your head.

3.2. Make sure the top pad presses closely to the top of your head.

3.3. Check whether the cheek pads are in contact with your cheeks.

3.4. Make sure there is no space between inner lining and brow where you could insert your finger.

3.5. Now, take hold of the helmet with a hand on each side. Without moving your head, try to move the helmet up and down, and side to side. You should feel the skin of your head and face being pulled as you try to move the helmet. If you can move the helmet around easily, it is too big. Try a smaller size.



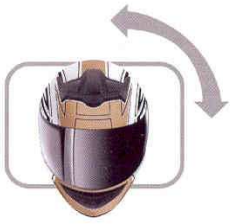
4 Check the retention system and go through the following steps.

4.1. Fasten the chinstrap as tight as possible without cousing you pain (see diagram 2). There must be no slack in the strap and it must be tight up against your chin.

4.2. With the chinstrap secured, put your hands flat on the back of the helmet and try to push the helmet off by rotating forward.

4.3. Next, put your hands on the front of the helmet above your forehead (or on the chinguard) and try to push the helmet off by rotating it toward the rear.

4.4. If the helmet starts to come off in either direction, do not use the helmet. either the helmet is too large for you or the chin strap is not fightened enough.



Tightening the chinstrap correctly is extremely important. Try to pull down on the chinstrap with the tips of your fingers if the strap is not against your chin or loosens, you have not properly put the strap through the D rings. Start again (see diagram 2) If your chinstrap is loose, the shock of an impact may knock your helmet off, leaving your head completely unprotected. Do not use a helmet that can be rolled off the head with the chinstrap fastened, since it may come off in an accident, resulting in death or serious personal injuries.

ENGLISH

IDIADA MT23090134

USER INSTRUCTIONS (III)

D RING: To securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown in diagra m 2 and put it tight against your throat. Clip the chin strap end hook on the D ring as shown in diagram 2 to secure the loose end of the chin strap after it's securely fastening the chin strap. The only function of the chinstrap end hook fitted on the end of the chinstrap is to avoid flutering of the end part of the chinstrap.

Quick-release retention system: To fasten the strap, push the metal tongue firmly into the buckle until it locks with a click. Pull the strap tight and pass the end of the strap through the strap ring or ladder to secure it. To release the strap, press the two catches inward (or slide the catche down).

SAFETY RECOMMENDATIONS

1

No helmet can protect wearer against all foreseeable high speed and low speed impacts.
However, for maximum head protection, the helmet must be of proper fit and retention system must be securely fastened under the chin. The helmet should allow peripheral vision when secure on your head. If your helmet is too large, it may sleep or moove on your head while riding which may make it possible for your helmet to come off in an accident or to obstruct your vision while riding. In the first case, your helmet will not protect your head in an accident, which can result in serious personal injury or death and in the second case, if you cannot see you may have an accident.

2

Use only a helmet that fits snugly all around your head, and fasten the chinstrap securely under your chin.
Expand the helmet opening with your hands, and slide your head into the helmet. Please check whether the helmet fits properly according to the checklist (paragraph 3, page 3). Pull the chinstraps only, not the chinstraps covers. Pulling on the covers may rip them. if the helmet is not tight, it is too big for you. to securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown, and pull it tight up against your throat. In the case of quick-release retention system, refer to upper paragraph. If your chinstrap is loose, the shock of an impact may knock your helmet off leaving your head completely unprotected resulting in serious personal injury or death.

3

Helmets are designed to help absorb ONE impact. Afetr your helmet has protected you from an impact, you must get a new one.
Your helmet is designed to distribute the force incurred during an impact over a wide area. Even if your helmet looks undamaged externally its useful life is finished after one impact during riding, for example, a capsize or accident where you and your helmet hit the ground or some object. In an impact, the helmet's impact absorbing liner becomes compacted. Once this has happened, the helmet no longer has the ability to absorb further impacts. Your helmet may look the same, but it will not provide protection in an accident. If you have any doubts, for example, if you drop your helmet or if it is hit by something and you are not sure if this one impact rule applies, consult your LS2 dealer before you use the helmet again.

ENGLISH

4

Clean your helmet carefully.
Never use hot or salt water, benzene, gazoline, glass cleaner or other solvents. Your helmet could be seriously damaged by these substances. whithout whowing any apparent visible damage. A helmet damaged or weakened by a cleaning agent may not provide head protection in an accident resulting in serious personal injury or death. The correct way to clean a helmet is to mix 5 or 6 drops of mild soap in a quart of warm water. Dampen a soft cloth with this solution and wipe the helmet clean. Rinse with a wet cloth.

5

Never modify your helmet.
It is very dangerous to drill holes or cut the shell and / or the shock absorber liner. Modifications can seriously weaken the helmet. Modifying the retention system weakens it, and it may snap in an impact. removing parts such as the mouth guard or rubber face trim can expose edges, which may injure you in an accident. Always used approved LS2 parts when replacing shields, screws, or any other parts. A weakened helmet will not provide protection.

6

Don't mistread your helmet.
Never ride with the helmet hanging from the helmet holder, and don't hang the helmet from angled supports like a mirror. Don't sit on your helmet or throw it around. You should not expose the liner of your helmet to strong sunlight and excessive heat such as near heaters or where temperatures exceed 50° C (122 F). Avoid the spray of insect repellent chemicals (such as "naphtalene") near the helmet. Mistreating your helmet will damage the shell and impact absorbing liner and reduce the helmet's ability to protect you in an accident.

7

Always check your helmet before riding off.

1. **Check the shield and visor screws, and retighten them if necessary.**
2. **Check for cracks in the helmet. Strong acid (for exampl, battery acid) can damage the shield base. If you find cracks or damage, stop using the helmet immediately.**
3. **Plastic componets may start to wear out about 5 years after manufacture. If you find deterioration in any part of a component, either replace that component or get a new helmet. If these parts come loose and / or fall off while you are riding, your vision may be blocked which could cause an accident resulting in serious personal injury or death.**
4. **Check the security of the retention system**
5. **Make sure that the center pad (or comfort liner) and the cheek pads are attached before you use the helmet.**

IDIADA MT23090134

USER INSTRUCTIONS (IV)

8

Maintain your helmet shield in good condition.
If your shield becomes too scratched or undeanable, replace it with a new one. Impaired visibility causes accidents. Clean your shield with mild soapy water, rinse well with clean water, and dry with a soft cloth. Never use benzene gasoline, glass cleaner or any other solvents. Do not attach stickers or adhesive tape to the shield, as this will weaken the hard coating. This can damage the shield.Do not drive with a dim or blurred face shield. Impaired vision can cause an accident resulting in serious personal injury or death.

9

Do not repaint the helmet.
We do not recommend you repaint the helmet, because paint and thinner can damage the materials used in the helmet construction. A helmet damaged weakened by a paint agent may not provide head protection in an accident resulting in serious personal injury or death. If you must paint your helmet, please consult your LS2 dealer.

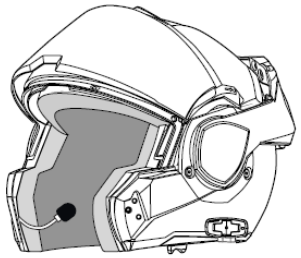
10

Remember: helmets block important sounds and reduce awareness of environmental changes.
When you wear a helmet, especially a full-face type, you are somewhat isolated from the environment around you. Weather changes can catch you unprepared: sudden showers or temperature variations as you enter ore leave tunnels or climb mountain roads can cause unexpected misting of your shield and loss of visibility. Do not drive with a fogged face shield. Wearing a helmet also reduces your ability to hear traffic sounds, especially of high speed. With a full face helmet, opening and closing the shield makes a major difference in how much you can hear. For safe riding be aware of how your helmet type, your speed, affects your perception of road conditions and whether your shield is open.

IDIADA MT23090134

USER INSTRUCTIONS (V)

cardo



LS2 4X

INSTALLATION GUIDE

EN/DE/FR/IT/ES/JP/CN

cardo communication in motion | **STAY IN TOUCH**

cardosystems.com

cardosystems.com/support

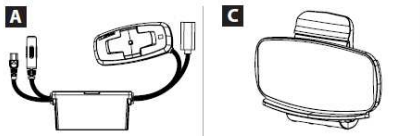
Cardo Connect App

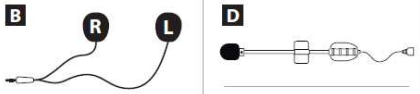
MAN00681_MAN INSTALLATION GUIDE FOR LS2_A05

IDIADA MT23090134

USER INSTRUCTIONS (VI)

CONTENTS

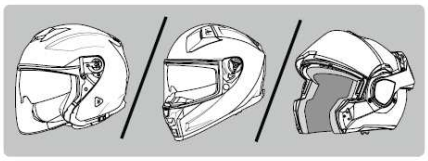




Short cord on Right (R) speaker
Kurzes Kabel am rechten (R) Lautsprecher
Cordon court sur haut-parleur droit (R)
Cavo corto sull'altoparlante destro (R)
Cordón corto en el altavoces derecho (R)
右(R)スピーカーの短いコード
右边(R)扬声器上的短绕



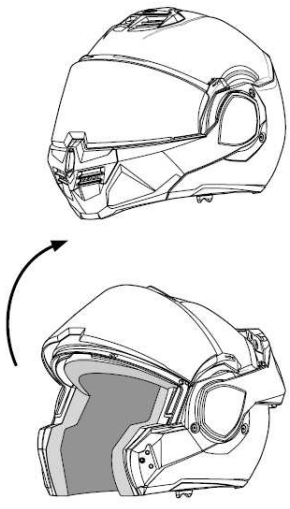




INSTALLATION VIDEO

Installationsvideo
Vidéo d'installation
Video d'installazione
Video de instalación
インストール動画
安装视频

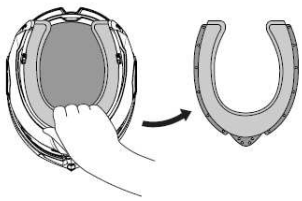
1 OPEN VISOR



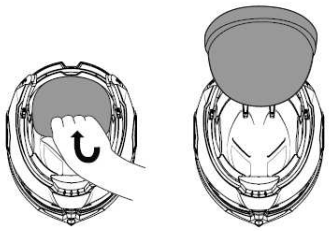
2 REMOVE PADDINGS

Polsterung entfernen
Enlever le rembourrage
Rimuovere le imbottiture
Quitar los rellenos acolchados
パディングを取り除く
移除填充物

2.a

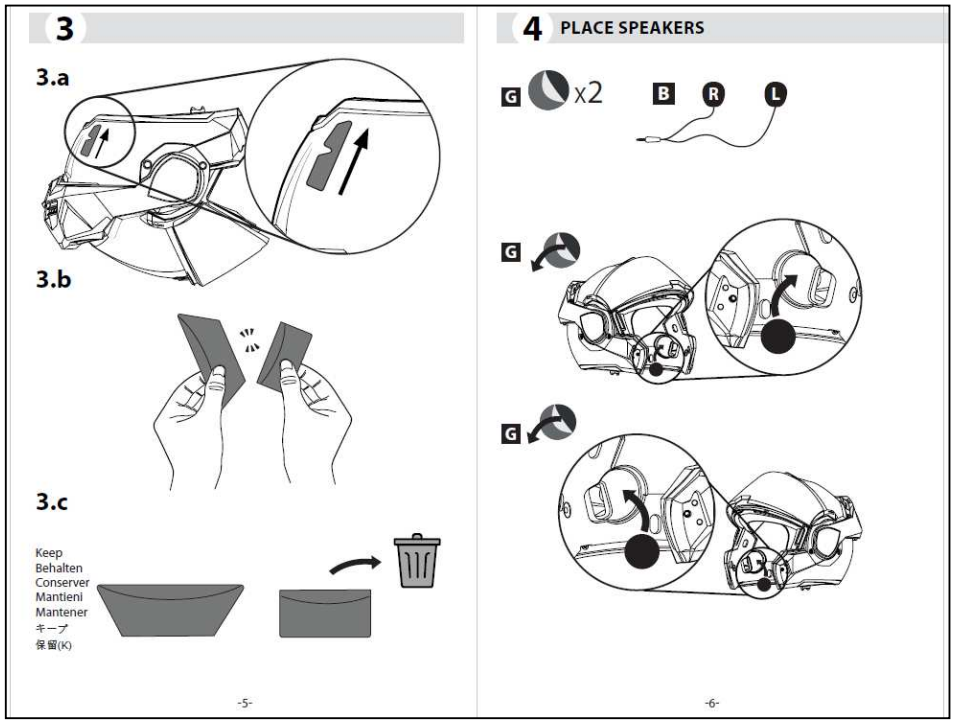


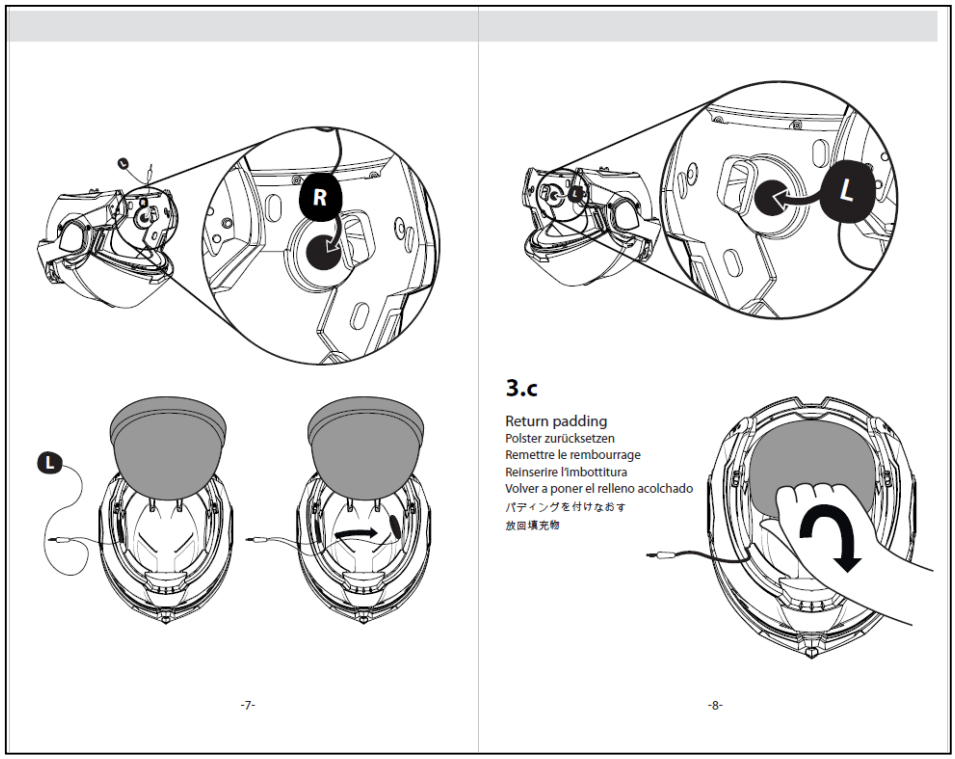
2.b



IDIADA MT23090134

USER INSTRUCTIONS (VII)





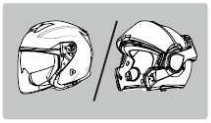
IDIADA MT23090134

USER INSTRUCTIONS (VIII)

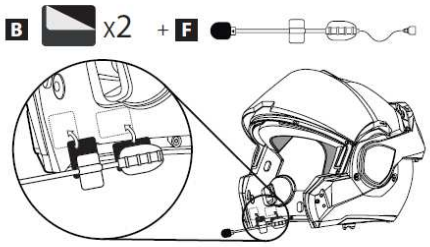
5 INSTALL MICROPHONE

Option 1

Open-face helmet installation
Installation an offenem Helm
Installation sur casque jet (open face)
Installazione su casco aperto
Instalación del casco abierto
オープンフェイスヘルメットへの取り付け
敞开式头盔安装

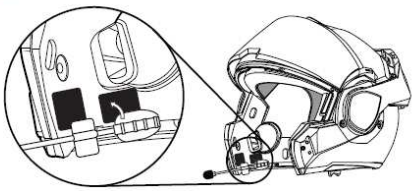


5.a

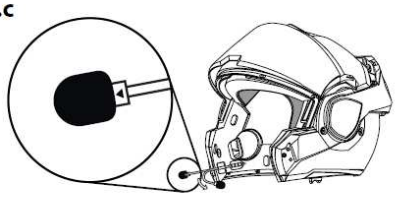


Place the mic to position the velcros
Platzieren Sie das Mikrofon, um die Klettverschlüsse zu positionieren
Placez le micro pour positionner les velcros
Posizionare il microfono per collocare i velcro
Colocar el micrófono para poner los velcros
マジックテープを位置づける為にマイクを付ける
放置麦克风以固定魔术贴

5.b



5.c



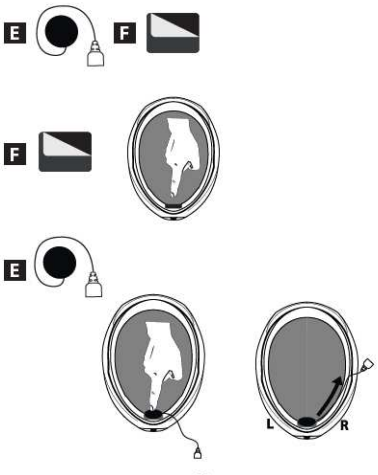
Arrow faces mouth
Pfeil zeigt zum Mund
La flèche doit faire face à la bouche
La freccia è rivolta verso la bocca
La flecha va a la boca
矢印ガロに向かうように
箭头面向嘴部

5 PLACE MICROPHONE

Option 2

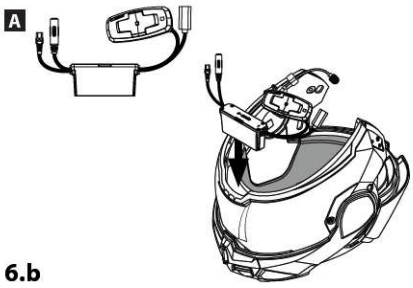
Full-face helmet installation
Installation an Integralhelm
Installation sur casque intégral
Installazione su casco integrale
Instalación en el casco de cara completa
フルフェイスヘルメットへの取り付け
全面罩式头盔安装





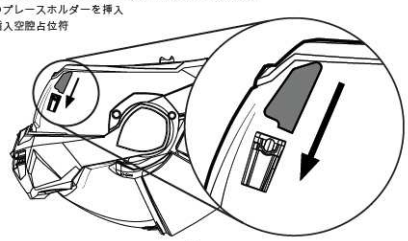
6 INSERT BACK UNIT

6.a



6.b

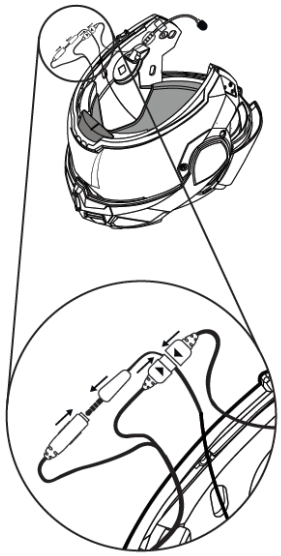
Insert Cavity Placeholder
Platzhalter für Hohlraum einfügen
Insérer l'élément dans la cavité
Inserire segnaposto cavità
Insertar marcador de posición de cavidad
のプレースホルダーを挿入
插入空腔占位符



IDIADA MT23090134

USER INSTRUCTIONS (IX)

7 CONNECT WIRES

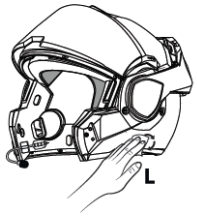


-14-

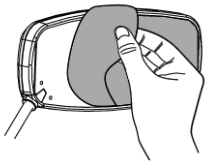
8 PLACE THE SIDE UNIT

Option 1

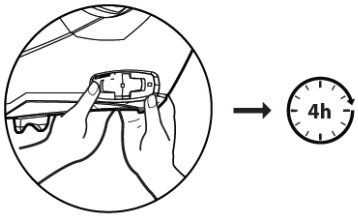
8.a H Alcohol Pad



8.b



8.c

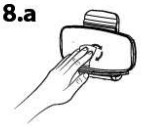


-15-

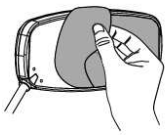
Option 2 H Alcohol Pad C



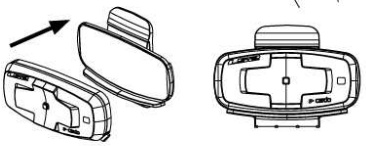
8.a



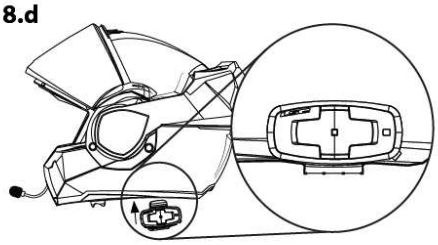
8.b



8.c

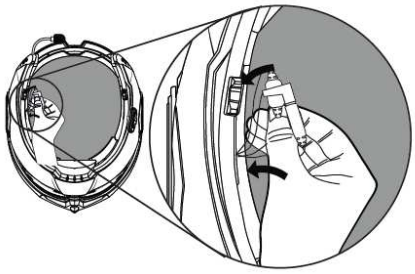


8.d



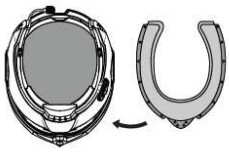
-16-

9 PLACE WIRES



10 RETURN PADDING

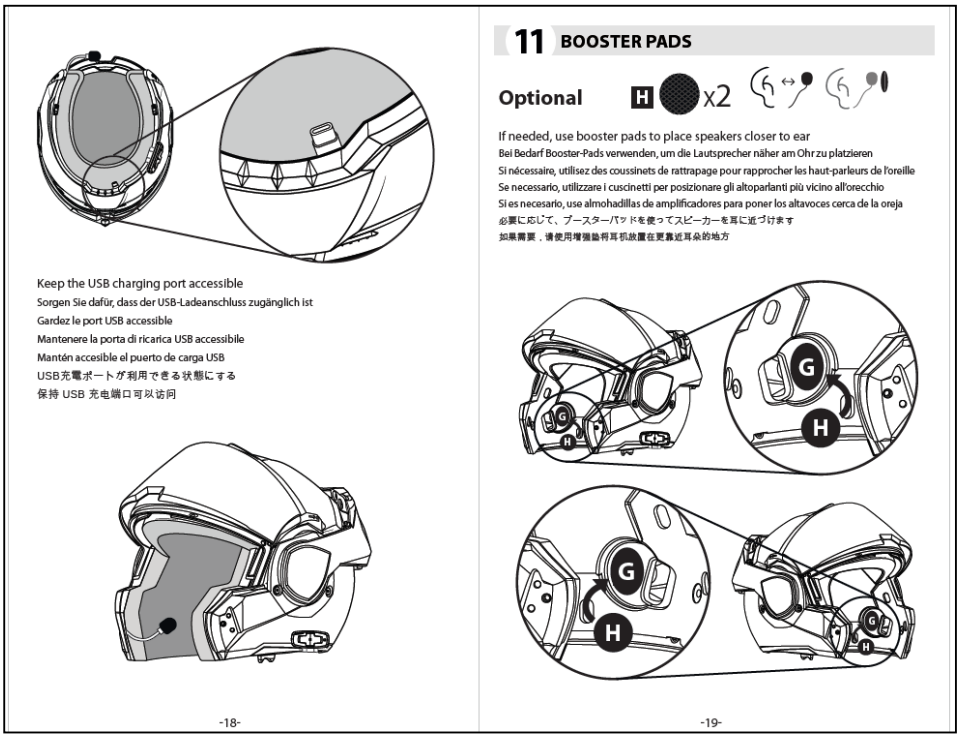
Polster zurücksetzen
Remettre le rembourrage
Reinserire l'imbottitura
Volver a poner el relleno acolchado
パディングを付けなおす
放回填充物



-17-

IDIADA MT23090134

USER INSTRUCTIONS (X)



Keep the USB charging port accessible
Sorgen Sie dafür, dass der USB-Ladeanschluss zugänglich ist
Gardez le port USB accessible
Mantenere la porta di ricarica USB accessibile
Mantén accesible el puerto de carga USB
USB充電ポートが利用できる状態にする
保持 USB 充电端口可以访问

-18-

11 BOOSTER PADS

Optional H x2

If needed, use booster pads to place speakers closer to ear
Bei Bedarf Booster-Pads verwenden, um die Lautsprecher näher am Ohr zu platzieren
Si nécessaire, utilisez des coussinets de rattrapage pour rapprocher les haut-parleurs de l'oreille
Se necessario, utilizzare i cuscinetti per posizionare gli altoparlanti più vicino all'orecchio
Si es necesario, use almohadillas de amplificadores para poner los altavoces cerca de la oreja
必要に応じて、ブースターパッドを使ってスピーカーを耳に近づけます
如果需要，请使用增强垫将耳机放置在更靠近耳朵的地方

-19-

MT23090134
IDIADA