



MINISTERIO
DE INDUSTRIA, ENERGÍA
Y TURISMO

DIRECCIÓN GENERAL DE INDUSTRIA Y
DE LA PEQUEÑA Y MEDIANA EMPRESA

SUBDIRECCIÓN GENERAL DE
CALIDAD Y SEGURIDAD INDUSTRIAL



E9-05.6075

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Comunicación sobre / *Concerning* ⁽¹⁾:

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- retirada de homologación / *approval withdrawn*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

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

Homologación N° / *Approval No.*: E9-05.6075

Extensión N° / *Extension No.* 00

1. Marca de fábrica o comercial / *Trade mark*: BELL, HARLEY DAVIDSON, DUCATI
2. Tipo / *Type*: MX463
3. Tallas / *Sizes*: XS(53-54), S(55-56), M(57-58), L(59-60), XL(61-62), XXL(63-64), XXXL(65-66)
4. Nombre del fabricante / *Manufacturer's name*:
JIANGMEN PENGCHENG HELMETS LTD.
5. Dirección del fabricante / *Manufacturer's 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 del representante / *Representative address*: ----
8. Breve descripción del casco / *Brief description of helmet*:
Ver documentación del fabricante / *See manufacturer's documentation*
9. Casco sin protección de barbilla (J) / con protección de barbilla (P) / con protección de barbilla no protectora (NP) ⁽¹⁾ / *Helmet without lower face cover (J) / with protective lower face cover (P) / with non-protective lower face cover (NP) ⁽¹⁾*
10. Tipo de pantalla o pantallas / *Type of visor or visors*: ----
11. Breve descripción de la pantalla o pantallas / *Brief description of visor or visors*: ----

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



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12. Presentado a la homologación el / *Submitted for approval on:* 20.01.2016
13. Servicio técnico encargado de los ensayos de homologación / *Technical service responsible for conducting approval tests:* IDIADA
14. Fecha del acta de los ensayos emitida por este servicio / *Date of report issued by that service:* 02.06.2016
15. Nº del acta de ensayos emitida por este servicio / *Number of report issued by that service:* MT16010067
16. Observaciones / *Comments:* ----
17. Homologación concedida / ~~extendida~~ / ~~denegada~~ / ~~retirada~~ ⁽¹⁾ /
Approval granted / ~~extended~~ / ~~refused~~ / ~~withdrawn~~ ⁽¹⁾
18. Lugar / *Place:* Madrid
19. Fecha / *Date:* Ver firma electrónica / *See electronic signature*
20. Firma / *Signature:* EL SUBDIRECTOR GENERAL DE CALIDAD Y SEGURIDAD INDUSTRIAL
Resolución P.D. 25-10-2012
21. 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*

INFORME N° / REPORT No. MT16010067

**CASCOS DE PROTECCIÓN Y SUS PANTALLAS PARA CONDUCTORES Y PASAJEROS DE
MOTOCICLETAS Y CICLOMOTORES SEGÚN EL REGLAMENTO 22.05**
**PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS AND PASSENGERS OF MOTORCYCLES
AND MOPEDS ACCORDING TO REGULATION 22.05**

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

Marca(s) / *Make(s)* : BELL, HARLEY DAVIDSON, DUCATI

Tipo / *Type* : MX463

Denominaciones comerciales /
Commercial denominations : MOTO-3

Lugar y fecha de emisión del
informe / *Place and date* : L'Albornar, Santa Oliva (Tarragona)
02.06.2016

CONCLUSIONES: El casco presentado CUMPLE con las prescripciones uniformes relativas a la homologación de cascos y pantallas de protección para conductores y pasajeros de motocicletas y ciclomotores, correspondientes al Reglamento 22.05, según se detalla en la hoja de ensayo anexa a este informe. /
CONCLUSIONS: The helmet submitted for test FULFILLS the specifications relating to the homologation of helmets and their visors of protection for riders and passengers of motorcycles and mopeds, according to Regulation 22.05, as detailed in the test form attached to this report.

Realizado / *Performed by* :

Daniel García-Maroto Fernández
TÉCNICO DE HOMOLOGACIONES
HOMOLOGATION TECHNICIAN

Vº. Bº. / *Revised by* :

Víctor Costa Escarrà
JEFE DE DEPARTAMENTO
DEPARTMENT MANAGER

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

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCION PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.
THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

ANEXO AL INFORME / ANNEX TO THE TEST REPORT

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

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

Marca(s) / *Make(s)* : BELL

Tipo / *Type* : MX463

Tallas / *Sizes* : XS(53-54), S(55-56), M(57-58), L(59-60), XL(61-62), XXL(63-64), XXXL(65-66)

Id. de la muestra /
Sample Id. : CA1601/30

MARCADO DEL CASCO / HELMET MARKINGS

Posición de la marca del fabricante /
Position of manufacturer's make : Parte externa de la carcasa / *Outer shell*

Posición de la talla / *Position of size* : Parte trasera / *Rear shell*

Posición de la marca de homologación /
Position of approval mark : Marcada en una etiqueta cosida a la cinta del sistema de retención /
Marked on a label sewn on retention system chin strap

Indicaciones para el usuario /
User instructions : En un libretto enganchado a la cinta del sistema de retención /
In a brochure hang-tag on retention system chin strap

DESCRIPCIÓN TÉCNICA Y DE MATERIALES / TECHNICAL DESCRIPTION AND MATERIALS

Carcasa / *Shell* : Fibra de vidrio / *Fiberglass*

Relleno de protección /
Protective padding : Poliestireno expandido (EPS) / *Expanded polystyrene (EPS)*

Sistema de retención /
Retention system : Doble anilla en D / *Double-D rings*

Pantalla / *Visor* : ----

Visera / *Peak* : Incluida como accesorio opcional / *Included as an optional accessory*

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ESPECIFICACIONES GENERALES / GENERAL SPECIFICATIONS

1. Constitución básica /
Basic constructionCORRECT
2. Accesorios / *Accessories* :
 - 2.1. Pantalla / *Visor*NO
 - 2.2. Visera / *Peak*.....YES
 - 2.3. Otros dispositivos / *Other devices*NO
3. Protector de barbilla / *Lower face cover* :
 Protectora (Tipo “P”) / *Protective (“P” type)*
~~No protectora (Tipo “NP”) / *Non-protective (“NP” type)*~~
~~Sin protector de barbilla (Tipo “J”) / *Without lower face cover (“J” type)*~~
4. Marcaje de aviso de no protección del mentón (solo para tipos “NP”) /
No chin protection warning marking (only for “NP” types).....NOT APPLICABLE
5. Protección / *Protection* :
 1. Área cubierta por la carcasa /
Area covered by the shellCORRECT
 2. Área cubierta por el relleno protector /
Area covered by the protective paddingCORRECT
6. Proyecciones o irregularidades en la parte exterior de la carcasa /
Projections or irregularities in the outer shellCORRECT
7. Interior del casco /
Inside of helmet.....CORRECT
8. Sistema de retención protegido contra la abrasión /
Retention system protected against abrasionCORRECT
9. Sistema de retención / *Retention system* :
 1. Anchura de la cinta /
Chin strap widthCORRECT
 2. Cinta desprovista de mentonera /
Chin strap does not include a chin-cupCORRECT
 3. Dispositivo de ajuste y retención de la cinta /
Chin strap adjustment and tensioning device.....CORRECT
 4. Posición de los dispositivos de retención y ajuste de la cinta /
Position of the chin strap fastening and tensioning devicesCORRECT

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

Sistema de retención de apertura involuntaria /
Free end retaining systemCORRECT

Patilla de desenganche del mecanismo /
Releasing pulling flapCORRECT
6. Mecanismo de apertura rápida /
Quick release mechanism.....NOT APPLICABLE
7. Comportamiento del sistema de retención /
Retention system behaviourCORRECT
8. Protección contra manipulación incorrecta del cierre /
Buckle protected against incorrect manipulationNOT APPLICABLE
10. Estado del casco después del ensayo /
Helmet status after testCORRECT
11. Visión periférica / *Peripheral vision* :

Horizontal / *Horizontal* ($\geq 105^\circ$)CORRECT

Hacia arriba / *Upwards* ($\geq 7^\circ$)CORRECT

Hacia abajo / *Downwards* ($\geq 45^\circ$)CORRECT
12. Pantalla / *Visor* :

1. Sistema de fijación al casco /
System of attachment to the helmetNOT APPLICABLE

2. Maniobrabilidad / *Maneuverability*NOT APPLICABLE

3. Ángulo máximo de apertura / *Maximum opening angle* ($\geq 5^\circ$)NOT APPLICABLE

4. Visión periférica / *Peripheral vision*NOT APPLICABLE

5. Guarniciones y dispositivos de maniobrabilidad /
Fixings and devices to allow the maneuverabilityNOT APPLICABLE

6. Campo de visión / *Field of vision* :

Hacia arriba / *Upwards* ($\geq 7^\circ$)NOT APPLICABLE

Horizontal / *Horizontal* ($\geq 90^\circ$)NOT APPLICABLE

Parte inferior / *Lower edge*NOT APPLICABLE
13. Marcaje de advertencia /
Conspicuity markingNOT APPLICABLE

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ENSAYO DE ABSORCIÓN DE IMPACTO / IMPACT ABSORPTION TEST

TALLA / SIZE: XXL (63-64)

Cabeza de ensayo / Test headform: O (62)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Ac _(g) máx ≤ 275 g	HIC ≤ 2400
1	AMBIENTE / AMBIENT	PLANO / FLAT	7.5	B	185	1490
				X	208	1662
				P	199	1760
				R	186	1605
2	AMBIENTE / AMBIENT	CUÑA / KERBSTONE	7.5	B	122	831
				X	151	1051
				P	149	988
				R	150	1045
3	-20 °C	PLANO / FLAT	7.5	B	161	1102
				X	223	1822
				P	204	1812
				R	192	1653
			5.5	S	86	220
4	+50 °C	CUÑA / KERBSTONE	7.5	B	140	852
				X	148	1006
				P	143	1023
				R	138	971
5	UV + H ₂ O	PLANO / FLAT	7.5	B	180	1424
				X	202	1635
				P	200	1803
				R	187	1625

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TALLA / SIZE: XL (61-62)

Cabeza de ensayo / Test headform: O (62)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Ac _(g) máx ≤ 275 g	HIC ≤ 2400
6	-20 °C	PLANO / FLAT	7.5	B	229	1866
				X	222	1802
				P	207	1865
				R	190	1589
			5.5	S	96	297
7	+50 °C	CUÑA / KERBSTONE	7.5	B	172	1156
				X	170	1161
				P	144	1022
				R	153	1073

TALLA / SIZE: L (59-60)

Cabeza de ensayo / Test headform: M (60)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Ac _(g) máx ≤ 275 g	HIC ≤ 2400
8	-20 °C	PLANO / FLAT	7.5	B	178	1071
				X	226	1831
				P	202	1862
				R	178	1392
			5.5	S	90	266
9	+50 °C	CUÑA / KERBSTONE	7.5	B	128	870
				X	159	1225
				P	148	974
				R	144	1024

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TALLA / SIZE: M (57-58)

Cabeza de ensayo / Test headform: J (57)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Ac _(g) máx ≤ 275 g	HIC ≤ 2400
10	-20 °C	PLANO / FLAT	7.5	B	207	1668
				X	239	1941
				P	192	1619
				R	185	1441
			5.5	S	82	281
11	+50 °C	CUÑA / KERBSTONE	7.5	B	171	1191
				X	177	1257
				P	157	1168
				R	166	1316

TALLA / SIZE: XS (53-54)

Cabeza de ensayo / Test headform: E (54)

Nº / No.	ACONDIC. / CONDITIONING	YUNQUE / ANVIL	VELOCIDAD / SPEED (m/s)	PUNTO IMPACTO / IMPACT POINT	RESULTADOS / RESULTS	
					Ac _(g) máx ≤ 275 g	HIC ≤ 2400
12	-20 °C	PLANO / FLAT	7.5	B	197	1641
				X	226	1914
				P	188	1684
				R	183	1500
			5.5	S	69	175
13	+50 °C	CUÑA / KERBSTONE	7.5	B	142	975
				X	175	1422
				P	166	1355
				R	162	1300

Resultado ensayo de absorción de impactos / Impact absorption test resultCORRECT

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

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

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

ENSAYO DE RIGIDEZ / RIGIDITY TEST

CASCO / HELMET		DIRECCIÓN / DIRECTION	RESULTADO / RESULT	
Nº / No.	TALLA / SIZE		Deformación máx. / Max. deformation (≤ 40 mm)	Deformación residual / Residual deformation (≤ 15 mm)
15	XXXL (65-66)	Transversal	12.0	0.4
16	XXXL (65-66)	Longitudinal	22.8	2.6
17	XL (61-62)	Transversal	12.2	0.9
18	XL (61-62)	Longitudinal	23.4	2.8
19	M (57-58)	Transversal	11.5	0.9
20	M (57-58)	Longitudinal	21.8	1.7

ENSAYO DINÁMICO DEL SISTEMA DE RETENCIÓN / RETENTION SYSTEM DYNAMIC TEST

CASCO / HELMET		DESPLAZAMIENTO / DISPLACEMENT	
Nº / No.	TALLA / SIZE	DINÁMICO / DYNAMIC (≤ 35 mm)	RESIDUAL / RESIDUAL (≤ 25 mm)
21	XXL (63-64)	24.9	15.2
22	L (59-60)	23.6	12.9
23	XS (53-54)	25.8	13.2

ENSAYO DE DESCALCE / DETACHING TEST

CASCO / HELMET		ÁNGULO GIRADO / TURNED ANGLE (≤ 30°)
Nº / No.	TALLA / SIZE	
24	XXL (63-64)	11.7°
25	L (59-60)	10.2°
26	XS (53-54)	20.7°

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ENSAYO DEL SISTEMA DE RETENCIÓN / RETENTION SYSTEM TEST

ENSAYO DE DESLIZAMIENTO DE LA CINTA / CHIN STRAP MICRO-SLIP TEST

Frecuencia de ensayo / Test frequency: 1 Hz

- Deslizamiento de la cinta / Slippage through the grip: $3 \text{ mm} \leq 10 \text{ mm}$ CORRECT

ENSAYO DE RESISTENCIA AL ROZAMIENTO DE LA CINTA / CHIN STRAP RESISTANCE TO ABRASION TEST

- Resultado de la aplicación de 3 kN de carga a tracción sobre el mecanismo después del proceso de desgaste / Result of an application of a tensile strain of 3 kN over the chin strap after wearing process.....NOT APPLICABLE

Nota / Note : El deslizamiento de la cinta en el ensayo de deslizamiento es $3 \leq 5 \text{ mm}$ /
The slippage of the strap in the micro-slip test is $3 \leq 5 \text{ mm}$

ENSAYO DE SISTEMAS DE RETENCIÓN QUE COMPRENDEN MECANISMOS DE APERTURA RÁPIDA / RETENTION SYSTEM TEST RELYING ON QUICK-RELEASE MECHANISMS

- El sistema no se abre apoyando una esfera de 100 mm de diámetro con una fuerza de 100 N / The system does not release under the pressure of a rigid sphere of 100 mm diameter, with a force of 100 NNOT APPLICABLE
- Fuerza de apertura menor a 30 N cuando el sistema está cargado con 150 N, después de la aplicación de una fuerza adicional de 350 N / Opening force less than 30 N when the system is loaded with 150 N, after the application of an additional force of 350 NNOT APPLICABLE
- Resultado de la aplicación de 2 kN de carga a tracción sobre el mecanismo después del proceso de desgaste (ciclado después del acondicionamiento con solución salina) / Result of the application of 2 kN of tensile strain over the mechanism after the wearing process (cycling after salt spray conditioning):
 - El mecanismo ni se rompe ni se abre / The mechanism does neither fracture nor disengageNOT APPLICABLE
 - Tras la aplicación de la carga, el mecanismo funciona normalmente / After the load application, the mechanism operates properly.....NOT APPLICABLE

Lugar del ensayo / Test place : L'Albornar, Santa Oliva (Tarragona)
Fecha del ensayo / Test date : 20.01.2016-26.01.2016



Daniel García-Maroto Fernández
TÉCNICO DE HOMOLOGACIONES
HOMOLOGATION TECHNICIAN

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DOCUMENTACIÓN TÉCNICA /
TECHNICAL DOCUMENTATION

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

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1	GENERAL INFORMATION	JUN. 2016
2	DESCRIPTION OF THE HELMET / SHELL / RETENTION SYSTEM	JUN. 2016
3	RETENTION SYSTEM / PROTECTIVE PADDING	JUN. 2016
4	COMFORT PADDING / ACCESSORIES	JUN. 2016
5	DRAWING OF THE HELMET WITH DIMENSIONS (Shell L, M and S)	JUN. 2016
6	DRAWING OF THE PROTECTIVE PADDING (Sizes XXXL-XXL)	JUN. 2016
7	DRAWING OF THE PROTECTIVE PADDING (Size XL)	JUN. 2016
8	DRAWING OF THE PROTECTIVE PADDING (Size L)	JUN. 2016
9	DRAWING OF THE PROTECTIVE PADDING (Sizes M-XS)	JUN. 2016
10	DRAWING OF THE RETENTION SYSTEM (Double D-1 rings)	JUN. 2016
11	USER INSTRUCTIONS (I)	JUN. 2016
12	USER INSTRUCTIONS (II)	JUN. 2016
13	USER INSTRUCTIONS (III)	JUN. 2016
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15	USER INSTRUCTIONS (V)	JUN. 2016
16	USER INSTRUCTIONS (VI)	JUN. 2016



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

1. GENERAL INFORMATION

1.1 Make:

BELL, HARLEY DAVIDSON, DUCATI

1.2. Type:

MX463

1.3. Variants / Versions: ----

1.4 Commercial denominations:

MOTO-3

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. If any, name and address of manufacturer's authorized representative: ----

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

Marked in a label sewn on the retention system chin strap

1.8. Number of visors which can be fitted: ----



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

2. DESCRIPTION OF THE HELMET

- 2.1. Type of helmet: **Full face / Flip-up / Open face**
- 2.2. Type of lower face cover: **"P" protective / "NP" non protective / "J" none**
- 2.3. Sizes:

Shell L: XXL(63-64cm), XXXL(65-66cm)
Shell M: L(59-60cm), XL(61-62cm)
Shell S: XS(53-54cm), S(55-56cm), M(57-58cm)

3. SHELL

- 3.1. Material used:
- Fiberglass**
- 3.2. Composition of the border join on the shell:
- PVC**
- 3.3. Ventilations:
- 3.3.1. Number of ventilations: **1 pcs**
- 3.3.2. Positioning on the shell: **1pc mouth vent**

4. RETENTION SYSTEM

- 4.1. Chin strap:
- 4.1.1. Material:
- NYLON**
- 4.1.2. Width:
- 24 mm**



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

4.2. Retention system: **Double D-1 rings**

4.3. Comfort padding of the retention system:

4.3.1. Composition: **Leather and textile.**

4.3.2. Thickness: **3 mm**

4.4. Fixing system to the shell:

By means of a metallic piece fixed to the shell by rivets.

5. PROTECTIVE PADDING

5.1. Composition: **Expanded polystyrene**

5.2. Density:

Size	Main Part Kg/m ³	Top Part Kg/m ³	Side Part Kg/m ³	Chin Part
XS	30	20	45	PU
S				
M				
L	35	20	50	
XL	40	20		
XXL	40	20	55	
XXXL				

5.3. Weight:

Size	Main Part grs	Top Part grs	Side Part grs
XS	62 ± 2g	17 ± 2g	45 ± 2g
S			
M			
L	90 ± 2g	18 ± 2g	50 ± 2g
XL	96 ± 2g	18 ± 2g	
XXL	113 ± 2g	19 ± 2g	55 ± 2g
XXXL			



**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
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6. COMFORT PADDING

6.1. Composition of:

Comfort padding: **Sponge**

Comfort tissue: **NYLON**

Protection of the back of the neck: **Sponge, textile and leather.**

7. ACCESSORIES

7.1. Peak: **Included as an optional accessory.**

7.2. User instructions:

7.2.1. Text: **See page 11, 12, 13, 14, 15 and 16.**

7.2.2. Location: **Hanged on chin strap.**

Type: MX463



DATE : JUN. 2016

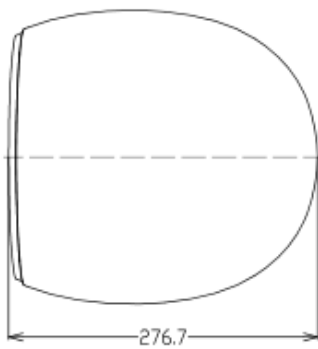
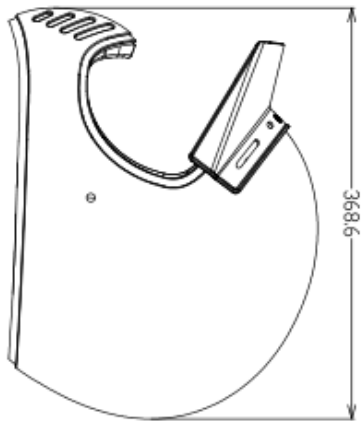
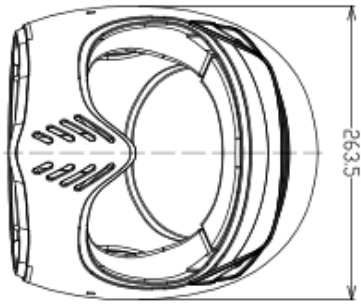
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PAGE : 5/16

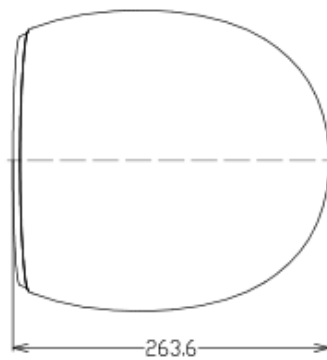
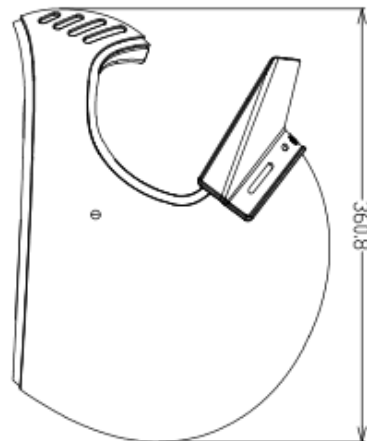
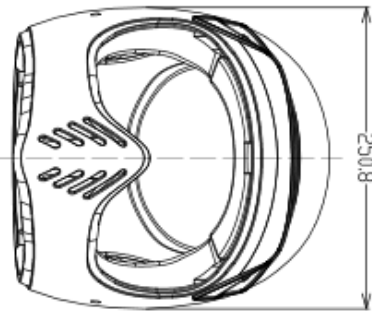
**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF THE HELMET WITH DIMENSIONS (Shell L, M and S)

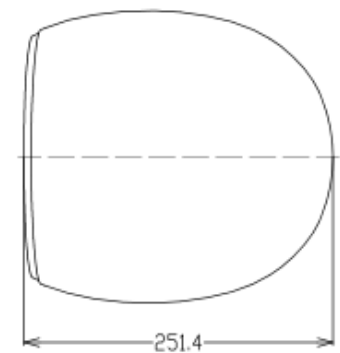
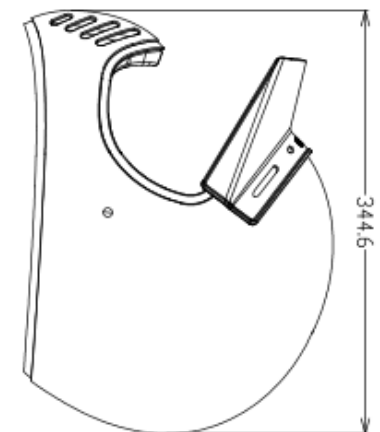
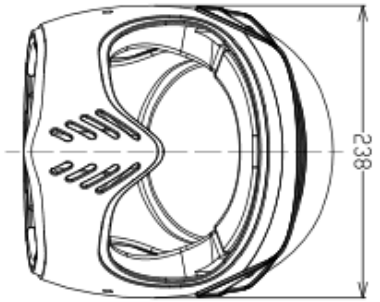
MX463-XXXL-XXL



MX463-XL-L



MX463-M-XS

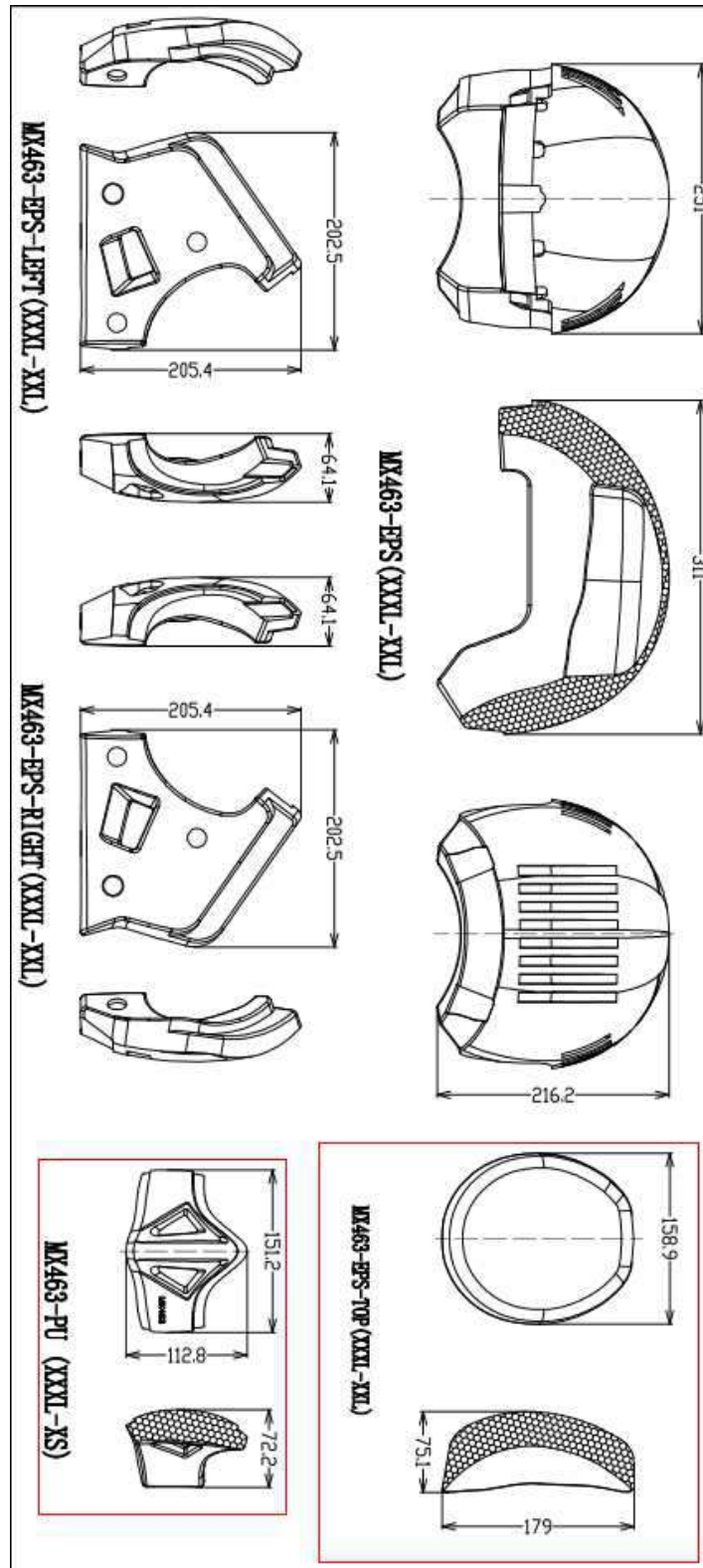


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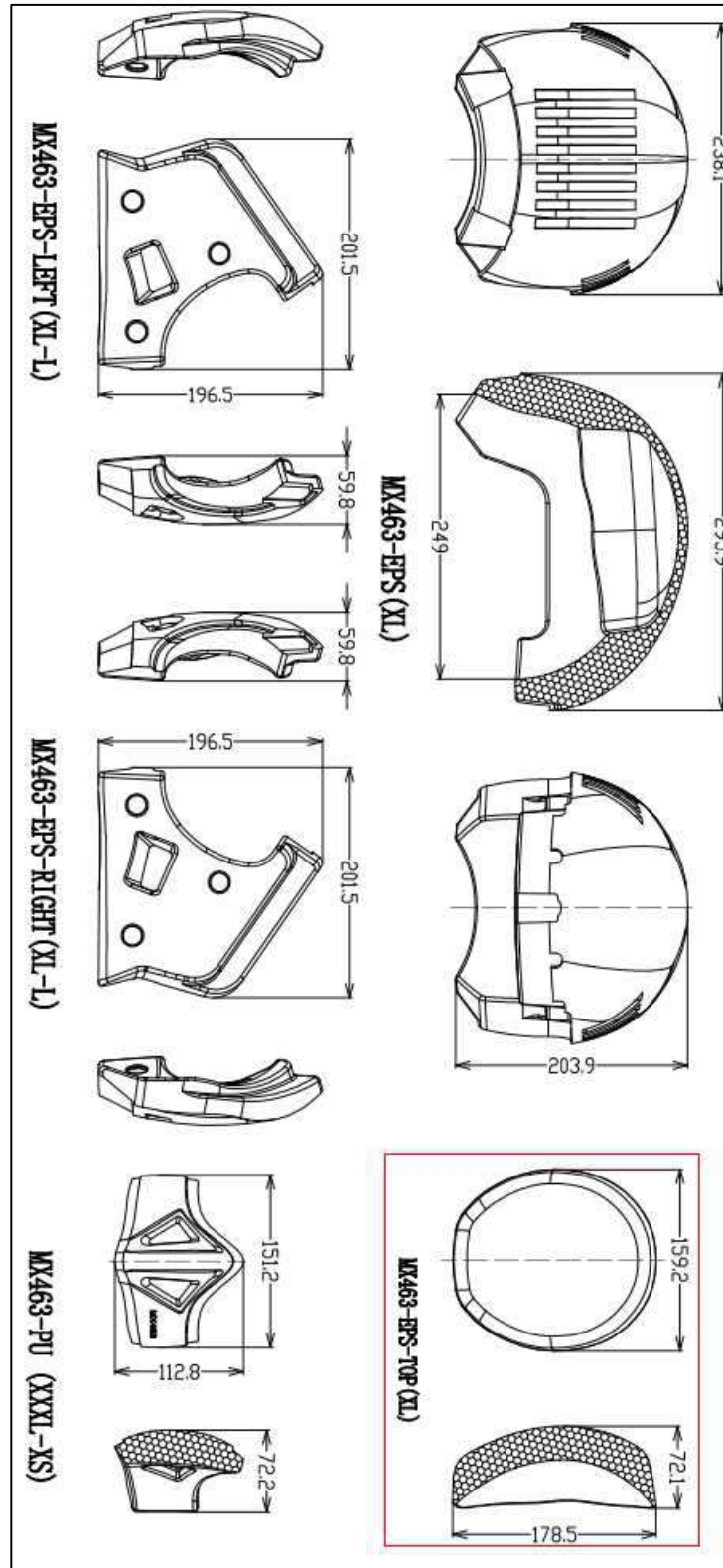
**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF THE PROTECTIVE PADDING (Sizes XXXL-XXL)



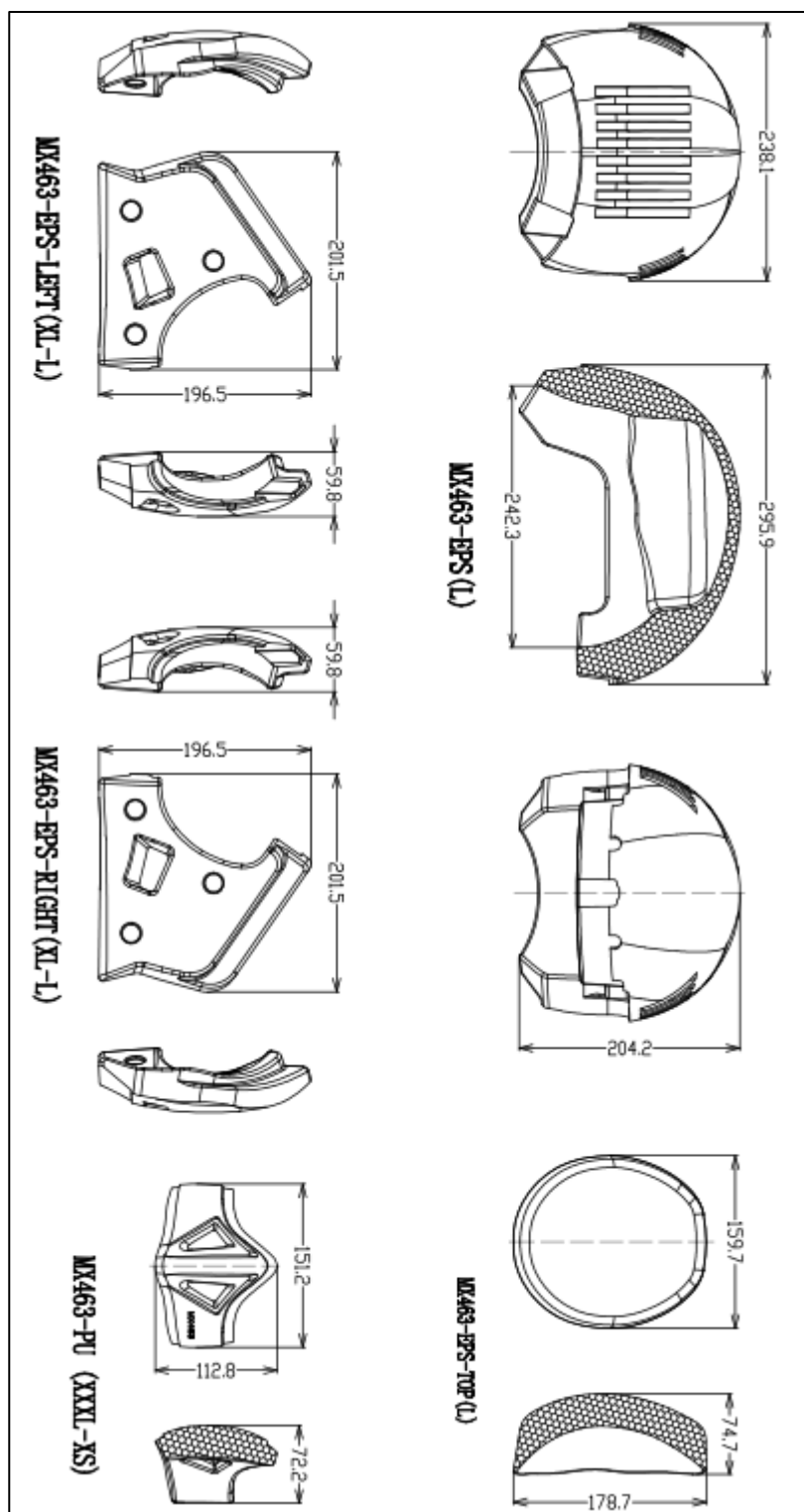
**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF THE PROTECTIVE PADDING (Size XL)



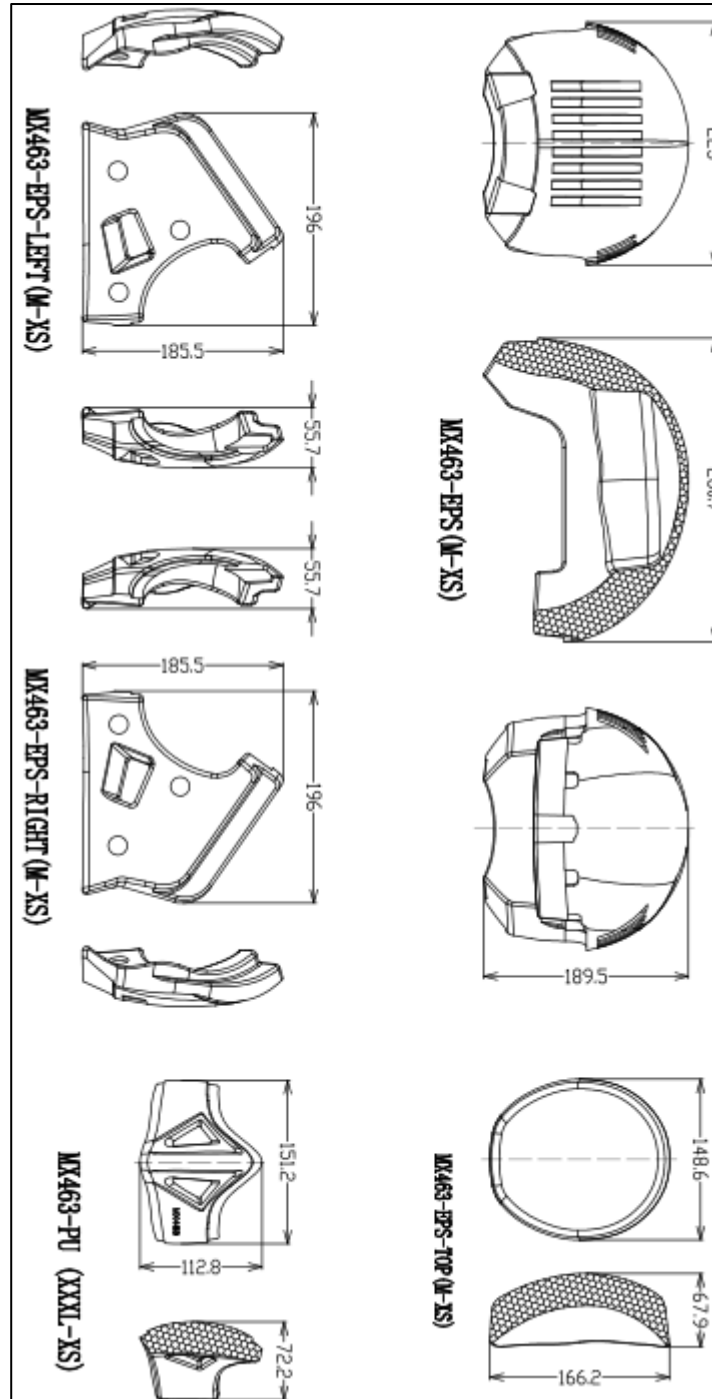
**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
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DRAWING OF THE PROTECTIVE PADDING (Size L)



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

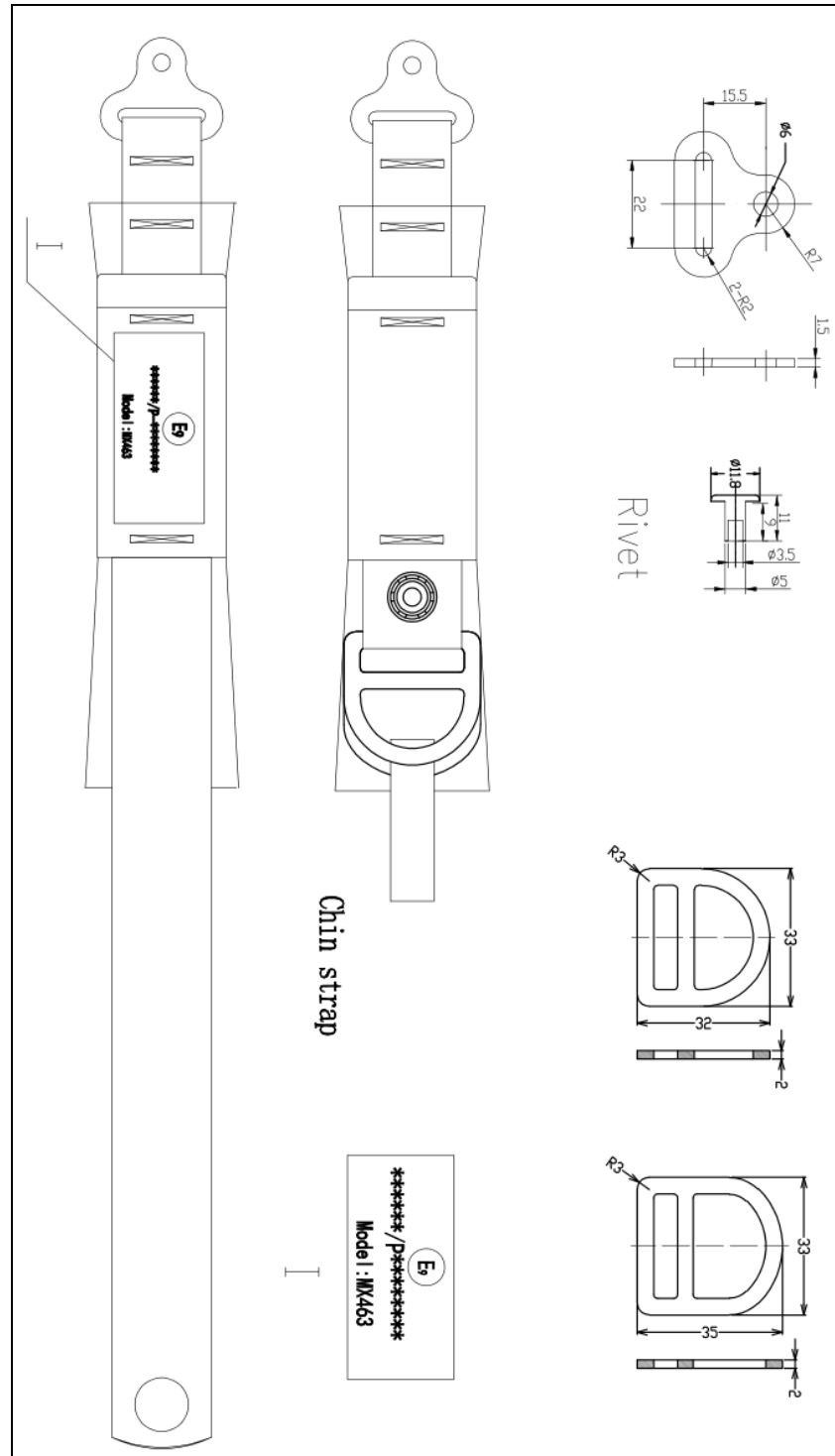
DRAWING OF THE PROTECTIVE PADDING (Sizes M-XS)

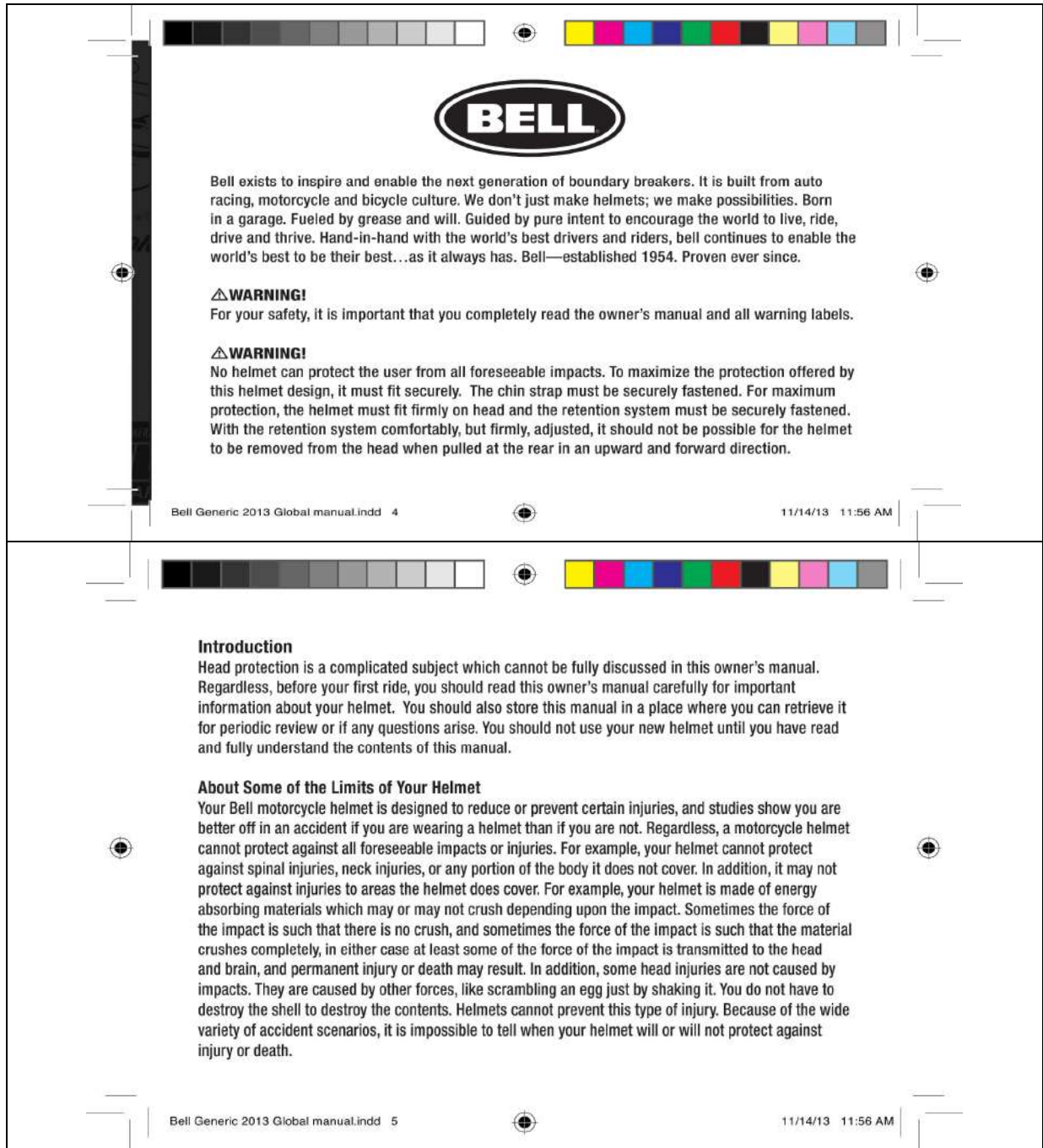




**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS**

DRAWING OF THE RETENTION SYSTEM (Double-D-1 rings)



**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS****USER INSTRUCTIONS (I)**



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

USER INSTRUCTIONS (II)



Short List of DOs and DON'Ts:

1. Do choose a helmet which fits properly.
2. Do not choose a helmet which interferes with your field of vision or your ability to hear.
3. Do make sure that when the chin strap is fastened the helmet fits snugly all over your head and low on your forehead so you can see the edge in your upper field of vision.
4. Always wear the chin strap tightly and securely fastened while riding.
5. Do not modify your helmet.
6. Do check your helmet before each ride for signs of wear or damage.
7. Do not "park" your helmet on mirror stalks or sissy bars.
8. Do not carry your helmet on the motorcycle's helmet lock while riding.
9. Do replace your helmet immediately if it shows signs of wear or damage.
10. Do replace your helmet immediately after an impact, even if no damage is visible.
The helmet is designed to absorb shock by partial destruction of the shell and liner.
This damage may not be visible. Therefore, if subjected to a severe blow, the helmet should be replaced even if it is apparently undamaged.
11. Do replace your helmet at least every five years.
12. Do not loan or sell your helmet, or buy a used helmet.
13. Do not wear someone else's helmet.
14. Clean your helmet with soap and water only.
15. Wear a helmet whenever you ride.
16. Ride safely, and do not take risks just because you are wearing a helmet.

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Wearing Your Helmet

The best way to put on your Bell helmet is to gently pull the chin straps outward just enough to spread the helmet as you ease it over your head. If you can pull the helmet onto your head without having to spread the helmet, the helmet is too big, will not fit right and should not be worn. With the helmet on your head, thread the loose end of the strap through the double D-rings as shown in Figure A. Pull on the end until the strap is snug, so it is almost uncomfortable, and well back against your throat. When riding, always wear the helmet with the chin strap in this position.

Standard D-Ring

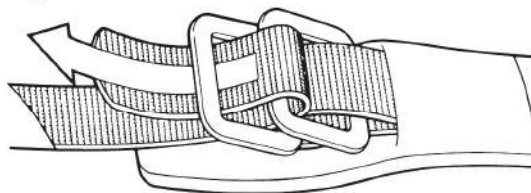


Figure A.

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

USER INSTRUCTIONS (III)



⚠ WARNING!

The helmet chin strap must be securely fastened and snug under your chin and against your throat or the helmet may not stay on in an accident. If the helmet does not stay on, serious injury or death may result.

⚠ WARNING!

Do not use a chin cup or wear the strap on the point of the chin. If the chin strap is not in the proper position or used properly, the helmet may not stay in position or may come off. Serious personal injury or death may result.

Proper Fit

In order to work right, your helmet must fit right. The liner is essential to the intended performance of the helmet. If your helmet does not fit right, it may come off in an accident, in which case it will not provide any protection. Because many motorcyclists are killed each year when their helmets do not stay on in an accident, do not wear a motorcycle helmet that does not fit right. If the helmet does not fit right, do not wear it. Bell manufactures helmets of different sizes, and should have a helmet to fit your head.

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This section is very important: your helmet must be snug on all areas of your head and must be comfortable.. Here are two good tests the helmet must pass:

1. Fasten the chin strap under your chin so it is snug with your mouth closed and uncomfortable to open your mouth. Grab the helmet with both hands and try to move the helmet forward and backward and from side to side. The helmet does not fit right if your skin does not move with the liner of the helmet.
2. With the chin strap snug under your chin, grab the helmet in the rear at the base and try to pull the helmet forward on your head. Do the same test except grab the helmet in the front and try to roll the helmet rearward. If the helmet comes off your head, the helmet does not fit right and you should not wear it. This is also important. Check to make sure the chin strap is tight periodically while you ride. If the chin strap has become loose, immediately stop and re-tighten the chin strap.

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

USER INSTRUCTIONS (IV)

⚠WARNING!

Do not wear a motorcycle helmet which does not fit right. Failure to follow this instruction could lead to serious personal injury or death. If you have purchased one of our full-face models, check the position of your eyes in relation to the eye opening of the helmet. Check to make sure that the helmet is positioned on your head so that you have adequate downward and upward vision to properly operate your vehicle. Adjust the position of the helmet on your head to achieve this relationship.

Protect Your Eyes

Always wear a face shield or goggles while riding. Some models come equipped with a face shield as standard equipment. If eye protection is not provided with the helmet, it is YOUR responsibility to obtain eye protection and use it. Tinted face shields, goggles, or other forms of eye protection should not be used at night or under other conditions of poor visibility. Lenses damaged by scratches will reduce visibility, especially at night, and should be replaced. Petroleum products and other solvents may impair the optical properties and reduce the mechanical strength of shields and goggles. On Bell helmets that come equipped with a face shield, the shield can be replaced. Make sure the pivots are tight before each ride. Replacement shields can be obtained from your dealer or by calling 800-776-5677. Ensure that any visor attached to the helmet meets the requirements of AS 1609.

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The following helmets are suitable with goggles.

Models	Goggle Compatibility
Carbon Star/Star	Yes
RS-1	Yes
Vortex	Yes
Revolver Evo	Yes
Qualifier	Yes
Bullitt	Yes
Custom 500	Yes
Pit Boss	Yes
Rogue	Yes
Mag-9 Sena	Yes
Drifter DLX	Yes
Shorty	Yes
Moto-9 Carbon	Yes
MX-2	Yes
SX-1	Yes

The following helmets are suitable for use with communication devices.

Models	Sena SMH-5 SMH-10	Cardo G4 G9	CARDO G1 G2 G3	Chatter Box XB/2	Chatter Box X1/X2	J&M EBLU629	Midland BT Rebel	UClear HBC 100 HBC 200
Carbon Star/Star	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Revolver Evo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mag-9	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Qualifier	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vortex	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bullitt	No	No	No	No	No	No	No	No
Pit Boss	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rogue	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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**R22.05/ECE TYPE-APPROVAL OF PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS
AND PASSENGERS OF MOTORCYCLES AND MOPEDS****USER INSTRUCTIONS (V)****⚠WARNING!**

Failure to use proper eye protection can cause an accident and result in serious injury or death.

Check For Adequate Vision

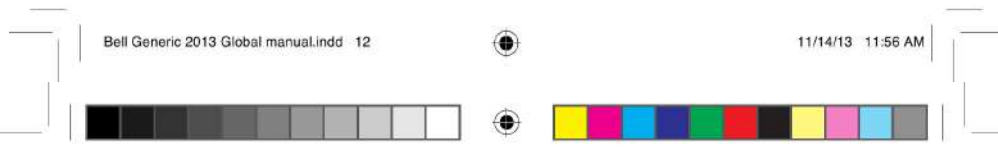
Always check for adequate vision. For example, when helmets are used in conjunction with goggles or other eye coverings, vision restrictions can occur. Make sure your motorcycle is equipped with effective mirrors, and use them for peripheral vision to enhance your direct vision of traffic and other riding hazards. It is the responsibility of each user to assure the adequacy of his or her vision prior to using this helmet.

⚠WARNING!

Never use a helmet or eye protection which restricts your vision so that you are unable to safely operate your vehicle.

⚠WARNING!

Tinted lenses are not suitable for use at night. Lenses damaged by scratches will reduce visibility and should be replaced. Visors and goggles having minor scuffed areas or small surface scratches should not be used at night. Contact with petroleum products and other solvents may impair the optical properties and reduce the mechanical strength.



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Check for Adequate Hearing

Research has shown that in many cases shielding the ears from wind noise results in the ability to more accurately detect important traffic sounds (such as horns and sirens).

⚠WARNING!

It is the responsibility of each user to determine which helmet model is best suited to his or her needs and preferences. Helmet models that cover less of the head provide less impact protection and may be more susceptible to helmet ejection, which can result in injury or death. It is also the helmet user's responsibility to determine his or her ability to hear important traffic sounds while wearing and using this helmet.

Accessories

Using accessories not intended for use with your helmet can be dangerous. No attachments should be made to the helmet except those recommended by the helmet manufacturer. Do no drill or cut shell.

⚠WARNING!

Never rigidly attach anything to the outside of your helmet. If struck in an accident it can cause the force of the blow to be more concentrated and greatly increase your chance of injury or death. Never mount a rigid object to the inside of your helmet. If struck in an accident it could become a projectile, greatly increasing the chance of injury or death. Never drop your helmet, as this may cause damage which is invisible to you.



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

USER INSTRUCTIONS (VI)

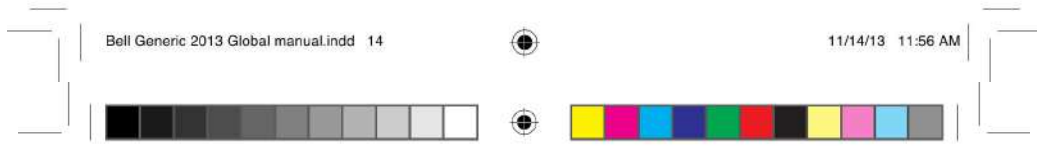


Care and Cleaning

Helmets are energy absorbing devices intended to deform, fracture, crush, and collapse as they absorb as much of the energy generated by an impact as they possibly can. They are durable, but should be treated as though they are fragile so that you will have all of the available energy absorbing materials if you should ever need them. Your helmet will give you years of good service if properly cared for.

Follow these simple rules:

- Never decorate your helmet with paint, decals, stickers, or tape.
- Use only mild soap and water to clean the outside of your helmet.
- Chemicals used in many items can be harmful to the outer shell of your helmet.
- Frequently, this damage is not visible, and can result in premature fracturing of the shell when impacted.
- Use only mild soap and water to clean the interior of your helmet.
- Never allow your helmet to come in contact with gasoline or other petroleum products, as this will cause serious damage to the energy absorbing inner liner and/or the outer shell of the helmet.



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Storage

Our helmets require little special care. However, it is a good idea to protect your helmet from damage if it is to be stored for a long period of time. Household pets will chew on an unattended helmet if given the chance. Helmets should be stored in a cool, dry place. Exposure to temperatures in excess of 150 degrees F can cause damage, resulting in a loss of protection. The interior of cars on sunny days can exceed 150 degrees. The helmet has a limited lifespan in use and should be replaced when it shows obvious signs of wear, e.g. change of fit, cracks, rust, or fraying.

Painting

Our helmets should not be painted by anyone other than the manufacturer. Many helmet components can be seriously damaged by chemicals and/or solvents contained in most paint or by careless handling during the repainting process. The protection of this helmet may be severely reduced by the application of paint, adhesive stickers or transfers, cleaning fluids or other solvents. Use only materials recommended by the helmet manufacturer.

Easton-Bell Sports Customer Service

1001 Innovation Road
Rantoul, IL 61866

Dealer Contact: tel. 800-776-5677 fax. 800-888-9009

For international customers outside U.S. please visit www.bellhelmets.com for a list of distributors and contact information in your region.



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