



Kraftfahrt-Bundesamt

DE-24932 Flensburg

2

Genehmigungsnummer: E1*22R06/02*301041*00

Approval Number:

4. Name des Herstellers:
Manufacturer's name:
SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
CN-201401 Fengxian, Shanghai
5. Anschrift:
Address:
Siehe Punkt 4.
See item 4.
6. Name des Vertreters des Herstellers (gegebenenfalls):
Name of manufacturer's representative (if any):
Entfällt
Not applicable
7. Anschrift:
Address:
Siehe Punkt 6.
See item 6.
8. Kurze Beschreibung des Helms:
Brief description of helmet:
Siehe Anlagen
See enclosures
9. **Helm ohne Kinnbügel (J)**
Helmet without lower face cover (J)
10. Visiertyp oder Visiertypen:
Type of visor or visors:
HS-05 (E1 R22 06301040)
11. Kurze Beschreibung des Visiers oder der Visiere:
Brief description of visor(s):
Siehe Anlagen
See enclosures
12. Helm betriebsbereit für spezifisches Zubehör (SA)/ betriebsbereit für universelles Zubehör (UA)
Helmet ready for specific accessory (SA)/ready for universal accessories (UA)
Entfällt
Not applicable



RECHTSPROTEKTION



Kraftfahrt-Bundesamt

DE-24932 Flensburg

3

Genehmigungsnummer: **E1*22R06/02*301041*00**

Approval Number:

13. In der Helmhomologation enthaltenes Zubehör und Funktionalität:
Accessories included in the helmet homologation and functionality:
Entfällt
Not applicable
14. Wenn UA-Helm:
If UA helmet:
Entfällt
Not applicable
15. Zur Genehmigung vorgelegt am:
Submitted for approval on:
25.08.2023
16. Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:
Technical service responsible for conducting approval tests:
Technischer Dienst der TÜV Rheinland Kraftfahrt GmbH
DE-51105 Köln
17. Datum des Gutachtens des Technischen Dienstes:
Date of report issued by that service:
23.08.2023
18. Nummer des Gutachtens des Technischen Dienstes:
Number of report issued by that service:
85-R22-974/23-00
19. Bemerkung(en):
Remark(s):
Entfällt
Not applicable
20. Die Genehmigung wird **erteilt**
Approval is **granted**





Kraftfahrt-Bundesamt

DE-24932 Flensburg

4

Genehmigungsnummer: **E1*22R06/02*301041*00**
Approval Number:

21. Ort: **DE-24932 Flensburg**
Place:
22. Datum: **31.08.2023**
Date:
23. Unterschrift: **Im Auftrag**
Signature:

D. Stieglitz
(D. Stieglitz)



24. Folgende mit der oben erwähnten Genehmigungsnummer versehene Dokumente sind auf Anforderung erhältlich:
The following documents, bearing the approval number shown above, are available on request:

Anlagen:
Enclosures:
Gemäß Inhaltsverzeichnis
According to index





Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1*22R06/02*301041*00**

To:

Erklärung über die Einhaltung der Anforderungen hinsichtlich der Übereinstimmung der Produktion gemäß dem Übereinkommen von 1958
Statement of compliance with the conformity of the production requirements of the 1958 Agreement

1. Name des Herstellers:
Manufacturer's name:
SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
CN-201401 Fengxian, Shanghai

2. Datum der Anfangsbewertung:
Date of the initial assessment:
30.09.2014

3. Datum aller durchgeführten Überwachungstätigkeiten:
Date of any surveillance activities:

Aktenzeichen Register number	Datum der Begehung Date of inspection	Genehmigungsnummer Approval number
---------------------------------	--	---------------------------------------

CoP-Q:
Entfällt
Not applicable

CoP-P:		
P-432-1-0042-10	18.05.2010	05300212
P-432-1-0100-10	15.06.2010	05300204
P-432-1-0140-11	20.09.2011	05300225
P-501697	27.06.2017	05300526, Erweiterung 04





Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1*22R06/02*301041*00**

To:

Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **31.08.2023** Letztes Änderungsdatum: --
Date of issue: Last date of amendment:

Nebenbestimmungen und Rechtsbehelfsbelehrung
Collateral clauses and instruction on right to appeal

Prüfbericht(e) Nr.:
Test report(s) No.:
85-R22-974/23-00

Datum:
Date:
23.08.2023

Beschreibungsbogen Nr.:
Information document No.:
HEHUI-H589-00

Datum:
Date:
23.08.2023

Liste der Änderungen:
List of modifications:
Entfällt
Not applicable

Datum:
Date:





Kraftfahrt-Bundesamt

DE-24932 Flensburg

Nummer der Genehmigung: E1*22R06/02*301041*00

- Anlage -

Nebenbestimmungen und Rechtsbehelfsbelehrung

Nebenbestimmungen

Jede Einrichtung, die dem genehmigten Typ entspricht, ist gemäß der angewendeten Vorschrift zu kennzeichnen.

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Änderungen an den Einzelerzeugnissen sind nur mit ausdrücklicher Zustimmung des Kraftfahrt-Bundesamtes gestattet.

Änderungen der Firmenbezeichnung, der Anschrift und der Fertigungsstätten sowie eines bei der Erteilung der Genehmigung benannten Zustellungsbevollmächtigten oder bevollmächtigten Vertreters sind dem Kraftfahrt-Bundesamt unverzüglich mitzuteilen.

Verstöße gegen diese Bestimmungen können zum Widerruf der Genehmigung führen und können überdies strafrechtlich verfolgt werden.

Die Genehmigung erlischt, wenn sie zurückgegeben oder entzogen wird, oder der genehmigte Typ den Rechtsvorschriften nicht mehr entspricht. Der Widerruf kann ausgesprochen werden, wenn die für die Erteilung und den Bestand der Genehmigung geforderten Voraussetzungen nicht mehr bestehen, wenn der Genehmigungsinhaber gegen die mit der Genehmigung verbundenen Pflichten - auch soweit sie sich aus den zu dieser Genehmigung zugeordneten besonderen Auflagen ergeben - verstößt oder wenn sich herausstellt, dass der genehmigte Typ den Erfordernissen der Verkehrssicherheit oder des Umweltschutzes nicht entspricht.

Das Kraftfahrt-Bundesamt kann jederzeit die ordnungsgemäße Ausübung der durch diese Genehmigung verliehenen Befugnisse, insbesondere die genehmigungsgerechte Fertigung sowie die Maßnahmen zur Übereinstimmung der Produktion, nachprüfen. Es kann zu diesem Zweck Proben entnehmen oder entnehmen lassen. Dem Kraftfahrt-Bundesamt und/oder seinen Beauftragten ist ungehinderter Zutritt zu Produktions- und Lagerstätten zu gewähren.

Die mit der Erteilung der Genehmigung verliehenen Befugnisse sind nicht übertragbar. Schutzrechte Dritter werden durch diese Genehmigung nicht berührt.

Rechtsbehelfsbelehrung

Gegen diese Genehmigung kann innerhalb eines Monats nach Bekanntgabe Widerspruch erhoben werden. Der Widerspruch ist beim **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg**, schriftlich oder zur Niederschrift einzulegen.





Kraftfahrt-Bundesamt

DE-24932 Flensburg

2

Approval No.: E1*22R06/02*301041*00

- Attachment -

Collateral clauses and instruction on right to appeal

Collateral clauses

All equipment which corresponds to the approved type is to be identified according to the applied regulation.

The individual production of serial fabrication must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the Kraftfahrt-Bundesamt.

Changes in the name of the company, the address and the manufacturing plant as well as one of the parties given the authority to delivery or authorised representative named when the approval was granted is to be immediately disclosed to the Kraftfahrt-Bundesamt.

Breach of this regulation can lead to recall of the approval and moreover can be legally prosecuted.

The approval expires if it is returned or 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 holder of the approval violates the duties involved in the approval, also to the extent that they result from the assigned conditions to this approval, or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

The Kraftfahrt-Bundesamt 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 Kraftfahrt-Bundesamt may get unhindered access to the production and storage facilities.

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

Instruction on right to appeal

This approval can be appealed within one month after notification. The appeal is to be filed in writing or as a transcript at the **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg.**



E1*22R06/02*301041*00

Test Report No. 85-R22-974/23-00

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

TEST REPORT

according to

UN-R 22

Uniform provisions concerning the approval of protective helmets, of their visors and of their accessories for drivers and passengers of motorcycles and mopeds

as last amended by

06 series of amendments, Suppl. 2

For the Type Approval of:

- Helmet + Visor
- Helmet
- Visor

Approval Status

UN-approval : ---

Structure of the Test Report

Item no.

- 0. General information
- 1. Tested vehicle(s)/object(s)
- 2. Test record
- 3. Appendices
- 4. Statement of conformity

The Test Report shall be reproduced and published only in its entirety by the client. It may however be reproduced and published partially, but only with the written permission of the Technical Service.

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

0. General information

- 0.1. Make (trade name of the manufacturer) : JUST1, ORIGINE, TORC, VCAN, Eldorado, J1, TANKED RACING, NITEK, ROCC, RJAYS, SCORPION, ROOK HELMETS, JOHNNY REB, GERMOT, LEVIOR, NEXO, CRAFT, SQ, protectWEAR, AKIRA, römer, Hayder Motorcycles, rueger-helmets, EOLE, KSK, 130R, AMOQ, CMS, FASTR, RAVEN, YOKO, W-TEC, HYPE HELMETS, BEFAST, PROGRIP, Bogotto, BIKE IT, RSX, ViPER, VPR, 3GO, 3GO Helmets, ZORAX, DEXTER, PROV, KENNY, Benelli, S-LINE, SWAP'S, GASOLINE, aprilia, MOTO GUZZI, PIAGGIO, VESPA, Z1R, SSY, Ajax, SEGWAY, NO END, ARCHIVE, MIDA, SEC, MARUSHIN, RACER, SGI, First Gear, Joe Rocket, 509, TROPHY, SEAT, ROOST, ULTIMATE SPEED
- 0.2. Type : H589
- Commercial description(s) : ---
- Version(s) : ---
- 0.3. Helmet category : see appendix L, item 9
- 0.4. Name and address of the manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.
NO.8 FENGJIN ROAD XIDU INDUSTRIAL
DEVELOPMENT ZONE FENGXIAN DISTRICT
SHANGHAI CHINA
- 0.5. No. of the information document : HEHUI-H589-00
- Date of issue : August 23, 2023
- Date of last change : ---
- 1. Tested vehicle(s) / object(s)**
- 1.1. Description
- 1.1.1. Object : see appendix L, item 8
- Trade name : see appendix L, item 1
- Type(s) /variant(s) / version(s) : see appendix L, item 2
- Identification number : without
- 1.1.2. Condition of vehicle(s)/object(s) : new, used, ~~pretested~~

Type : H589

 Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
 MANUFACTURE CO., LTD.

-
- 1.2. Worst case configuration : No worst case assessment required (only one variant/version or no variants/versions)
~~There is no worst case selection required because all versions mentioned in the information folder are tested.~~
- 1.3. Remarks : without
2. **Test record**
- 2.1. Equipment for measuring and testing : The test and measurement equipment used were in compliance with the test requirements.
- 2.1.1. Specifications for the test site : not applicable
- 2.1.2. Subcontracting : not applicable
- 2.2. **Test results**
- Test results referring to measurements : passed
- Test results of not measurable attributes : not applicable
- Alternative test methods : not applicable
- 2.3. Additional information : The results of the test refer exclusively to the object(s) mentioned under point 1. of this report.
- Test site(s) : TÜV Rheinland (Guangdong) Ltd.
 Guangzhou Helmet Laboratory
 No.767 Tianyuan Road, Tianhe District,
 Guangzhou 510650, P.R. China
- Test date : August 21, 2023
- 2.4. Remarks : without

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

3. Appendices

Appendix 0 : List of modifications

Appendix L : Technical description of type and Communication concerning the UN-approval

Appendix 1 : Test minutes

Information document : HEHUI-H589-00 (19 pages)

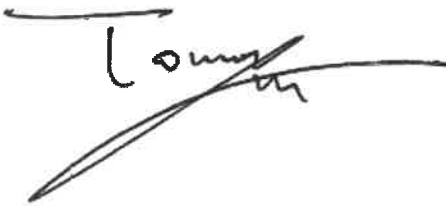
4. Statement of conformity

The Information Document listed in section 0.5., and the type described therein, comply with the requirements stated on page 1. The test results in this report refer to the vehicle(s)/object(s) described under section 1.1. With regards to the required level of performance to be achieved, the tested samples were representative for the type to be approved (see section 1.2).

The tests were carried out in accordance with the relevant requirements of EN ISO/IEC 17025:2017.

Engineering Centre Shanghai, August 23, 2023

TYT



M.S. Tony Yan
Technical Expert Technical Service

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

Appendix 0

List of modifications

Correction of : -
Modification of : -
Addition of : -
Deletion of : -

R22 E1*22R06/02*301041*00

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

Communication concerning the type approval

Appendix L

- 1 Trade name or mark : JUST1, ORIGINE, TORC, VCAN, Eldorado, J1, TANKED RACING, NITEK, ROCC, RJAYS, SCORPION, ROOK HELMETS, JOHNNY REB, GERMOT, LEVIOR, NEXO, CRAFT, SQ, protectWEAR, AKIRA, römer, Hayder Motorcycles, rueger-helmets, EOLE, KSK, 130R, AMOQ, CMS, FASTR, RAVEN, YOKO, W-TEC, HYPE HELMETS, BEFAST, PROGRIP, Bogotto, BIKE IT, RSX, VIPER, VPR, 3GO, 3GO Helmets, ZORAX, DEXTER, PROV, KENNY, Benelli, S-LINE, SWAP'S, GASOLINE, aprilia, MOTO GUZZI, PIAGGIO, VESPA, Z1R, SSY, Ajax, SEGWAY, NO END, ARCHIVE, MIDA, SEC, MARUSHIN, RACER, SGI, First Gear, Joe Rocket, 509, TROPHY, SEAT, ROOST, ULTIMATE SPEED
- 2 Type : H589
- Commercial description(s) : ---
- Versions(s) : ---
- 3 Sizes : XS 53-54, S 55-56, M 57-58, L 59-60, XL 61
- 4 Manufacturer's name : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.
- 5 Address : NO.8 FENGJIN ROAD XIDU INDUSTRIAL
DEVELOPMENT ZONE FENGXIAN DISTRICT
SHANGHAI CHINA
- 6 Name of manufacturer's representative (if any) : not applicable
- 7 Address : not applicable
- 8 Brief description of helmet : The open-faced helmet H589 is composed of ABS shell (Acrylonitrile-Butadiene-Styrene).
The protective padding is made of one EPS (Expanded Poly Styrene) size liner and two EPS side liners.
The adoption to the different head sizes is done by different thickness of the size liner, and different thickness of the comfort padding.
- 9 Helmet category : Without protective lower face cover (J)
- 10 Type of visor or visors : HS-05 (E1 R22 06301040)
- 11 Brief description of visor or visors, and inner visor if any : Tinted visors, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 1.6 mm.

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

12	Helmet ready for specific accessory (SA)/ready for universal accessories (UA)	: not applicable
13	Accessories included in the helmet homologation and functionality	: not applicable
14	If UA helmet	: not applicable
15	Submitted for approval on	: August 21, 2023
17	Date of report issued by that service	: August 23, 2023

R22 E1*22R06/02*301041*00

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

Test minutes

Appendix 1

General Requirements for Helmets

- | | | | |
|-----|--|---|---|
| 1 | Basic construction
(6.1) | : | The helmet consists of a shell, protective padding, comfort padding and a retention system. |
| 2 | Additional construction
(6.2/ 6.2.1) | : | refer Appendix L, item 8 |
| 3 | Lower face cover
(6.2.2.) | : | refer Appendix L, item 9 |
| 4 | Protection areas
(6.4) | : | The shell and padding of the helmets of each size cover the required areas. |
| 5 | Hearing ability and temperature
(6.5) | : | The wearer's ability to hear is not dangerously affected by the helmet.

The helmet has ventilation holes in the shell to prevent overheating. |
| 6 | Outer projections
(6.6 / 6.7) | : | All external projections are rounded and smooth.
All external projections ≤ 2 mm have a radius ≥ 1 mm

There are projections of the outer shell, greater than 2mm.
All external projections > 2 mm have a radius ≥ 2 mm. The shear assessment was successful. |
| 7 | Inner projections
(6.8) | : | No inward facing sharp edges. All internal parts are covered with padding. |
| 8 | Helmet components
(6.9) | : | The components of the helmet are assembled in a way that they do not become easily detached as a result of impact. |
| 9 | Retention system | | |
| 9.1 | Abrasion protection
(6.10) | : | The wearer is protected from abrasion by the retention system. |
| 9.2 | General
(6.11) | : | The retention system fully complies with the requirements of the regulation:

<ul style="list-style-type: none"> - Retention System is permanently attached - Chin strap is adjustable and maintains tension - Strap has a width of minimum 20 mm - No chin-cup |

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

- No rigid parts 130 mm below head form reference plane
- Total opening of retention system only with voluntary action
- Detailed instructions for use of the buckle
- If sliding bar or double D ring: red pulling flap with minimum dimensions of 10x20 mm is provided
- Buckle cannot be left in partially closed position

- 9.3 Chin strap
(6.11.1 / 7.12.1.1) : Under a load of 150 N the width of the chin strap is > 20 mm.
The chin strap is covered with an additional comfort padding.
It is not possible to open the quick-release mechanism with a ball of diameter 100 mm.
- 10 Detachable/movable face cover
(6.12) : Not applicable
- 11 Materials
(6.13) : The materials used for the helmet comply with the regulation.
- 12 Breakage and deformation
(6.14) : The helmet does not show breakage or deformation dangerous to the wearer after testing.
- 13 Peripheral vision
(6.15) : Complies with the requirements of the regulation, refer test results.
- 14 Sun shield : Not applicable
- 15 Conspicuity marking
(6.18) : The helmet is optionally equipped with retroreflective parts.
The retroreflective parts comply with the requirements of the regulation:
- Dimensions and locations
 - Colorimetric performance
 - Photometric performance
 - Resistance to external agent
 - Compatibility of materials
- 16 Information
(14) : Manufacturer-information about size and weight are located on the outer shell by adhesive label(s).
Additional consumer information in accordance with the UN-R 22 is given by the owner's manual. It has to always be enclosed to the offered helmet.

R22 E1*22R06/02*301041*00

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

6.15. Peripheral vision

Helmet Size	Testhead	horizontal angle min. 210°	upwards angle min. 7°	downwards angle min. 45°
S 55-56	555	216	7	> 45

7.3. Impact-absorption-tests

All values are within the limits of the regulation, 275 g respectively 2400 HIC.

helmet size : XS 53-54
test-head-size : 535
anvil : Flat (Helm. 1), Kerbstone (Helm. 2)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 1 Low Temp. (-10°C)	B	199	1781
	X	201	1786
	P	182	1629
	R	172	1506
	S	---	---
Helmet 2 High Temp. (+50°C)	B	154	1069
	X	158	1158
	P	141	1142
	R	135	1051
	S	---	---

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

helmet size : M 57-58
test-head-size : 575
anvil : Flat (Helm. 3), Kerbstone (Helm. 4)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 3	B	204	1966
Low Temp. (-10°C)	X	216	1949
	P	185	1731
	R	206	1923
	S	---	---
	Helmet 4	B	132
High Temp. (+50°C)	X	148	1052
	P	146	1085
	R	144	1136
	S	---	---

helmet size : M 57-58
test-head-size : 575
anvil : Flat (Helm. 5), Kerbstone (Helm. 6), Flat (Helm. 7)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 5	B	197	1818
Ambient	X	222	1852
	P	195	1884
	R	198	1786
	S	---	---
	Helmet 6	B	131
Ambient	X	153	1141
	P	148	1081
	R	142	1132
	S	---	---
	Helmet 7	B	137
Artificial ageing	X	153	1116
	P	143	1064
	R	139	1095
	S	---	---

R22 E1*22R06/02*301041*00

Type : H589

 Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
 MANUFACTURE CO., LTD.

 helmet size : XL 61
 test-head-size : 605
 anvil : Flat (Helm. 8), Kerbstone (Helm. 9)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 8	B	198	1701
Low Temp. (-10°C)	X	208	1776
	P	194	1617
	R	196	1751
	S	---	---
	Helmet 9	B	156
High Temp. (+50°C)	X	163	1075
	P	136	957
	R	154	1102
	S	---	---

 helmet size : XL 61
 test-head-size : 605
 anvil : Flat (Helm. 10), Kerbstone (Helm. 11), Flat (Helm. 12)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 10	B	200	1740
Ambient	X	206	1653
	P	195	1825
	R	200	1757
	S	---	---
	Helmet 11	B	153
Ambient	X	145	1056
	P	130	945
	R	144	1097
	S	---	---
	Helmet 12	B	193
Artificial ageing	X	203	1731
	P	197	1728
	R	192	1686
	S	---	---

Type : H589

 Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
 MANUFACTURE CO., LTD.
Low energy impact

All values are within the limits of the regulation, 180 g respectively 1300 HIC.

 helmet size : M 57-58
 test-head-size : 575
 anvil : Kerbstone (Helm. 13)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 13	B	155	1018
Ambient	X	173	1128
	P	134	898
	R	166	1118
	S	---	---

 helmet size : XL 61
 test-head-size : 605
 anvil : Kerbstone (Helm. 14)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 14	B	94	514
Ambient	X	115	597
	P	115	546
	R	105	619
	S	---	---

High energy impact

All values are within the limits of the regulation, 275 g respectively 2880 HIC.

 helmet size : M 57-58
 test-head-size : 575
 anvil : Flat (Helm. 15)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 15	B	219	2323
Ambient	X	234	2390
	P	222	2234
	R	212	2072
	S	---	---

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

helmet size : XL 61
test-head-size : 605
anvil : Flat (Helm. 16)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 16	B	227	2139
Ambient	X	230	2323
	P	224	2211
	R	225	2249
	S	---	---

Extra point

All values are within the limits of the regulation, 275 g respectively 2400 HIC.

helmet size : M 57-58
test-head-size : 575
anvil : Flat (Helm. 17)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 17	BXR	180	1545
Ambient	RXPR	204	1969
	RXL	202	1923
	BXPL	204	1818

helmet size : XL 61
test-head-size : 605
anvil : Kerbstone (Helm. 18)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 18	BXL	151	1009
Ambient	RXPL	254	1421
	RXR	269	1398
	BXPR	137	1109

R22 E1*22R06/02*301041*00

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

7.4.2 Test for projections and surface friction (method B) .

All values are within the limits of the regulation.

Test of outer surface friction at point P of the outer shell.

Helmet size	M 57-58	
Test head size	575	
	Test with positive result at the following points of the outer shell:	
1.	Rear area of helmet sliding tangential at the projection	Positive

7.5 Rigidity test

All values are within the limits of the regulation.

Helmet Size	Direction	Deformation (max. 40 mm)	Permanent deformation (max. 15 mm)
M 57-58	longitudinal	19	6
	transversal	29	12
XL 61	longitudinal	30	14
	transversal	21	7

7.6. Dynamic test of the retention system

All values are within the limits of the regulation.

Helmet Size	Headsizes	dyn.movement (max. 35 mm)	stat.movement (max.25 mm)	Remarks
XS 53-54	535	31.7	19.3	--
L 59-60	605	24.9	11.5	--

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

7.7.2. Retention (detaching) test
[Weight hooked to the front border]

All values are within the limits of the regulation.

Helmet Size	Headsizes	angle of movement (max. 30°)	Remarks
XS 53-54	535	29.5	Front to rear
L 59-60	605	2.0	Front to rear

7.7.3./4. Retention (detaching) test
[Falling mass]

All values are within the limits of the regulation.

Helmet Size	Headsizes	angle of movement (max. 30°)	Remarks
XS 53-54	535	21.0	Rear to front
L 59-60	605	22.0	Rear to front

7.10 Microslip-test of the chin strap

All values are within the limits of the regulation.

Movement:	< 5.0 mm	Limit ≤ 10 mm
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7.11 Test for resistance to abrasion of the chin strap

Not necessary, because the movement of the chin strap after 500 cycles was less than 5 mm.

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
 MANUFACTURE CO., LTD.

7.12 Tests for retention systems relying on quick-release mechanisms

All values are within the limits of the regulation.

Operation force of the automatic buckle ≤ 30 N (Measured at static load of 150 N)

Resistance of the automatic buckle

The load of 2000 N at the automatic buckle made no fracture or disengage. After the test the automatic buckle was still be capable of operation.

7.13. Oblique impact test method of measuring rotational acceleration

All values are within the limits of the regulation, 10400 rad/s² respectively BrIC 0,78.

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Rotation [rad/s ²]	BrIC	Remark
575	AMB	45°	FLR	M 57-58	2011	0.31	--
575	AMB	45°	Rear	M 57-58	2786	0.38	--
575	AMB	45°	LL	M 57-58	2731	0.31	--
575	AMB	45°	Front	M 57-58	3467	0.38	--
575	AMB	45°	RLR	M 57-58	2429	0.35	--
605	AMB	45°	FLR	XL 61	2950	0.42	--
605	AMB	45°	Rear	XL 61	3755	0.45	--
605	AMB	45°	LL	XL 61	2057	0.29	--
605	AMB	45°	Front	XL 61	4327	0.45	--
605	AMB	45°	RLR	XL 61	3372	0.40	--

Type : H589

Manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.

7.8 Visor tests

All values are within the limits of the regulation.

Mechanical characteristics [7.8.2.1.]

Helmet size	XL
Conditioning of the visor	Low temp. (-10°C)
no penetration, no sharp splinter	

Mechanical characteristics [High Speed particle test 7.8.2.3.]

Impact speed: 60 m/s, conditioning +50°C and -10°C
Results: no fracture, no deformation

Optical qualities and scratch resistance [7.8.3.]

Refer to visor type approval E1*22R06/02*301040*00

R22 E1*22R06/02*301041*00

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

Application date: August 23, 2023

Content

DOCUMENT		PAGE
	Technical description	2-3
	Assembly drawing	4
	Material list of parts	5
	Helmet section view	6-7
	Impact absorption material thickness	8
	Dimension and weight of helmet (tolerances incorporated)	9
	EPS details	10-12
	Retention system	13
	Retention system, chin strap operation	14
	Retention system, position details	15
	Drawing and details of visor	16
	Retroreflective parts	17
	Approval marking(s)	18
	Helmet assembly pictures	19
	Type	H589
	Page	1 of 19

R22 E1*22R06/02*301041*00

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

Application date: August 23, 2023

INFORMATION DOCUMENT FOR TYPE-APPROVAL OF PROTECTIVE HELMETS AND/
~~OR¹ OF THEIR VISORS AND / OR¹ OF THEIR ACCESSORIES~~ FOR DRIVERS AND
 PASSENGERS OF MOTORCYCLES AND MOPEDS

- 1. Make (trade name or mark of the manufacturer) : JUST1, ORIGINE, TORC, VCAN, Eldorado, J1, TANKED RACING, NITEK, ROCC, RJAYS, SCORPION, ROOK HELMETS, JOHNNY REB, GERMOT, LEVIOR, NEXO, CRAFT, SQ, protectWEAR, AKIRA, römer, Hayder Motorcycles, rueger-helmets, EOLE, KSK, 130R, AMOQ, CMS, FASTR, RAVEN, YOKO, W-TEC, HYPE HELMETS, BEFAST, PROGRIP, Bogotto, BIKE IT, RSX, ViPER, VPR, 3GO, 3GO Helmets, ZORAX, DEXTER, PROV, KENNY, Benelli, S-LINE, SWAP'S, GASOLINE, aprilia, MOTO GUZZI, PIAGGIO, VESPA, Z1R, SSY, Ajax, SEGWAY, NO END, ARCHIVE, MIDA, SEC, MARUSHIN, RACER, SGI, First Gear, Joe Rocket, 509, TROPHY, SEAT, ROOST, ULTIMATE SPEED
- 2. Type : H589
- Commercial description(s) : ---
- Version(s) : ---
- 3. Sizes(cm) : XS 53-54, S 55-56, M 57-58, L 59-60, XL 61
- 4. Name of the manufacturer : SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
- 5. Address of the manufacturer : NO.8 FENGJIN ROAD XIDU INDUSTRIAL DEVELOPMENT ZONE FENGXIAN DISTRICT SHANGHAI CHINA
- 6. Name of the manufacturer's representative : Not applicable
- 7. Address of the manufacturer's representative : Not applicable
- Brief description of the helmet and ~~or~~¹ : Protective helmet equipped with visor for drivers and passengers of mopeds and motorcycles
- ~~Brief description of visor, and inner visor if any~~

NOTE:

¹ striketrough where not applicable

	Type	H589
	Page	2 of 19

R22 E1*22R06/02*301041*00

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

Application date: August 23, 2023

ADDITIONAL INFORMATION

Helmet without lower face cover (J) /-with
~~protective lower face cover (P) / with non~~
~~protective lower face cover (NP) / with~~
~~detachable or movable lower face cover~~
(P/J)

Type of visor or visors : HS-05

~~Types of helmet to which the visor may be~~
~~fitted~~

Helmet ready for specific accessory : Not applicable
(SA)/ready for universal accessories (UA)

Accessories included in the helmet : Not applicable
homologation and functionality

If UA helmet : Not applicable

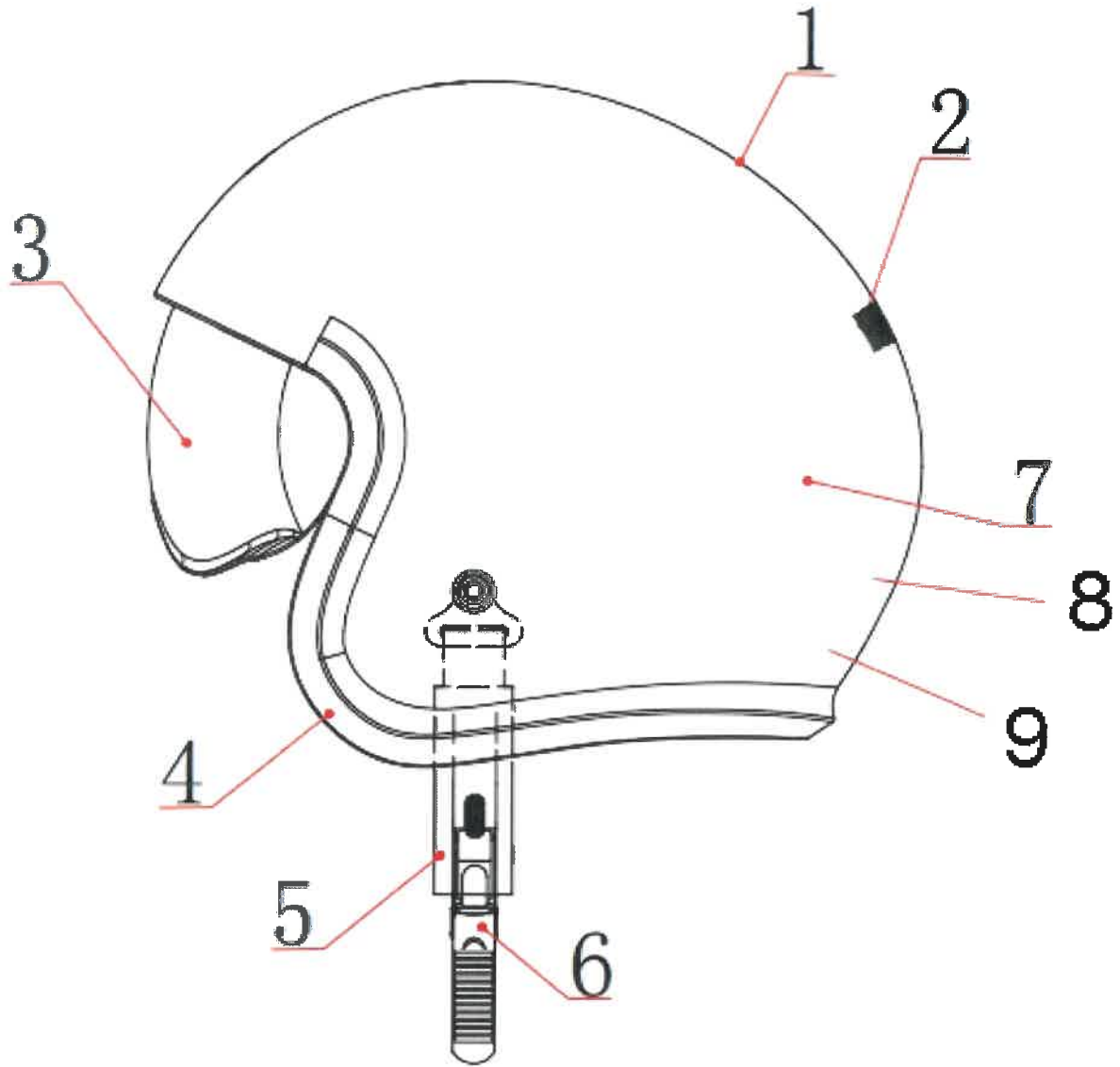
Name and address of assembly plant : SHANGHAI HEHUI SAFETY PRODUCTS
MANUFACTURE CO., LTD.
NO.8 FENGJIN ROAD XIDU INDUSTRIAL
DEVELOPMENT ZONE FENGXIAN
DISTRICT SHANGHAI CHINA

Applicable regulation : UN-Reg. No. 22, 06 series of amendments,
Suppl. 2

¹ strike trough where not applicable

	Type	H589
	Page	3 of 19

R22 E1*22R06/02*301041*00



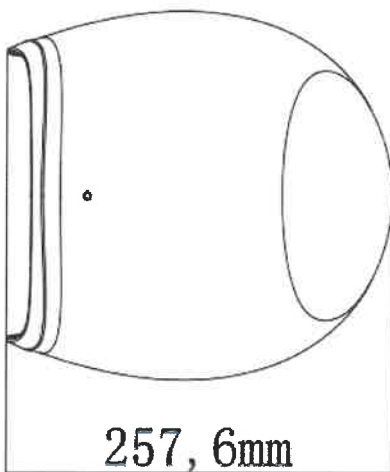
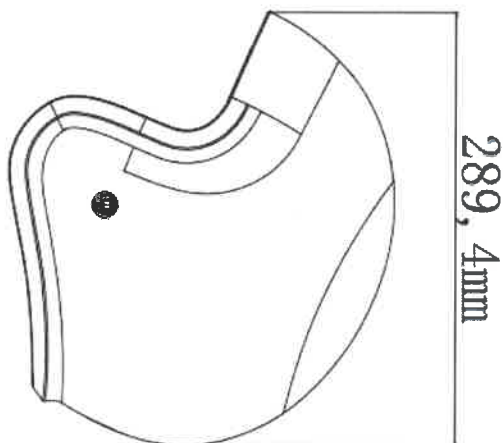
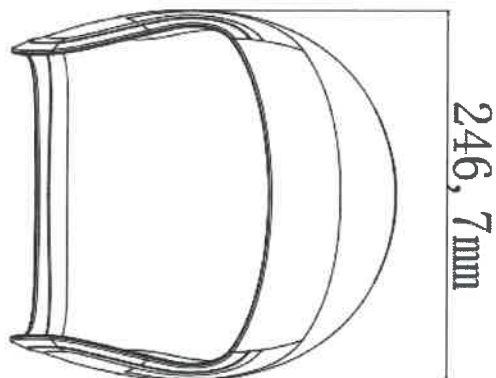
R22 E1*22R06/02*301041*00

DRW.	H589-01	Assembly Drawing
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	Type	H589
	Page	4 of 19

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

Application date: August 23, 2023



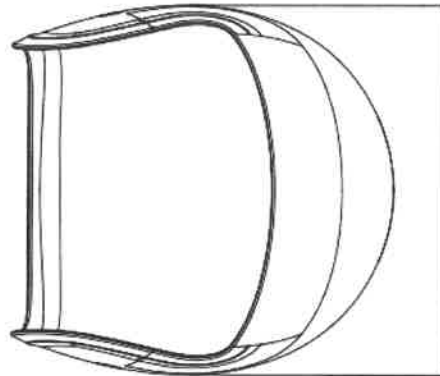
DRW.	H589-02	Helmet section view (for sizes XS-M)
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	Type	H589
	Page	6 of 19

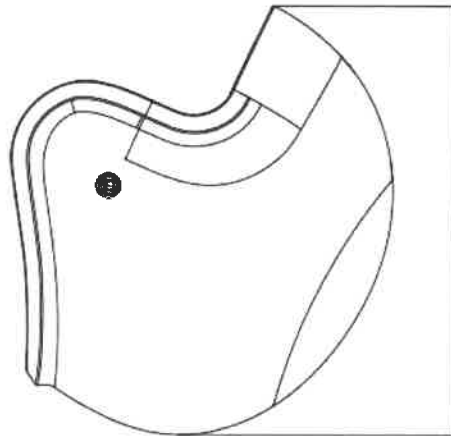
R22 E1*22R06/02*301041*00

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

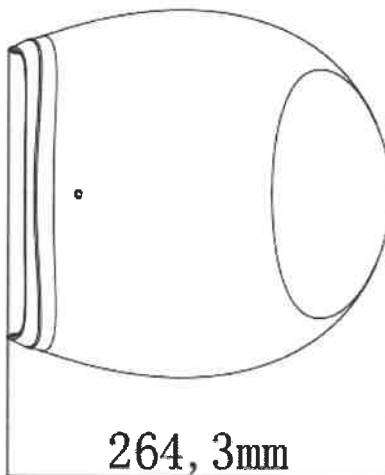
Application date: August 23, 2023



254, 4mm



296, 1mm



264, 3mm

DRW.	H589-03	Helmet section view (for sizes L-XL)
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	Type	H589
	Page	7 of 19

R22 E1*22R06/02*301041*00

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

Application date: August 23, 2023

Impact absorption material thickness in millimeter, SHELL

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point	Lower Face cover
XS	3.6	3.6	3.6	3.6	3.6
S	3.6	3.6	3.6	3.6	3.6
M	3.6	3.6	3.6	3.6	3.6
L	3.6	3.6	3.6	3.6	3.6
XL	3.6	3.6	3.6	3.6	3.6

Impact absorption material thickness in millimeter, LINER

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point
XS	33.5	43.8	48.5	28.1
S	33.5	43.8	48.5	28.1
M	34	32.2	42	35.7
L	35.8	33	40.5	37.7
XL	35.8	33	40.5	37.7

Impact absorption material thickness in millimeter, LINING

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point	Side Part Lining
XS	10	14	10	10	35
S	8	14	8	8	20
M	12	14	12	12	25
L	10	14	10	10	25
XL	8	14	8	8	20

Type H589

Page 8 of 19

R22 E1*22R06/02*301041*00

Dimension and weight

1. Dimension of the shell:

SIZE	Length (mm)	Width (mm)	Height (mm)
XS-M	289.4	246.7	257.6
L-XL	296.1	254.4	264.3

2. Total weight of the helmet:

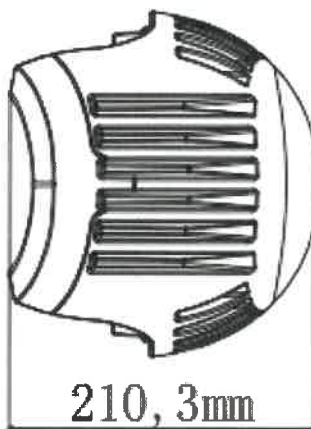
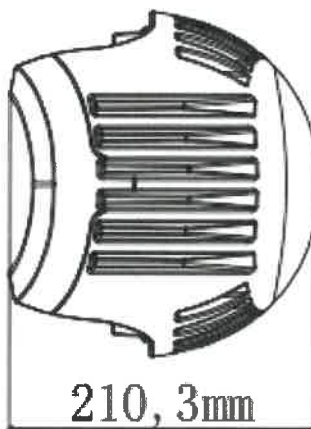
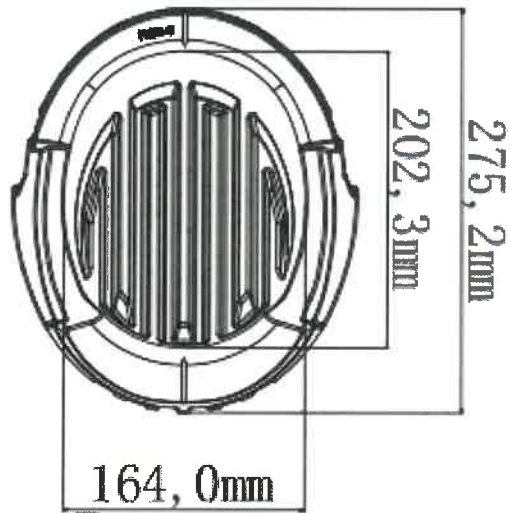
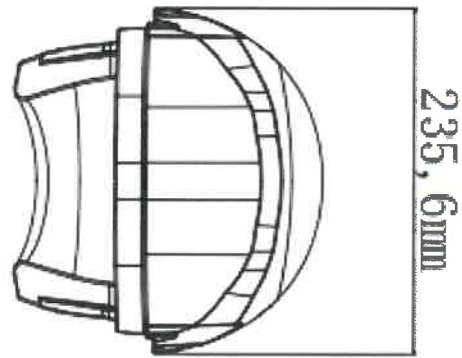
Size	Weight (g)	Tolerance (g)
XS	1050	±50
S	1050	±50
M	1050	±50
L	1100	±50
XL	1100	±50

3. Specific gravity of the impact absorption liner

Size	Specific gravity of size liner (kg/m ³)	Specific gravity of side liner (kg/m ³)
XS	33	65
S	33	65
M	42	65
L	46	65
XL	46	65

	Type	H589
	Page	9 of 19

EPS-Protective Padding
 for sizes XS/S

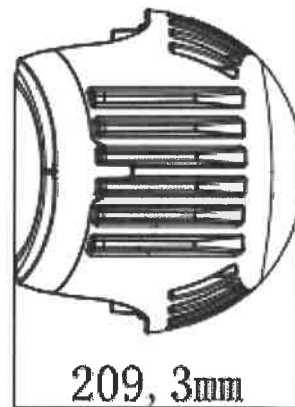
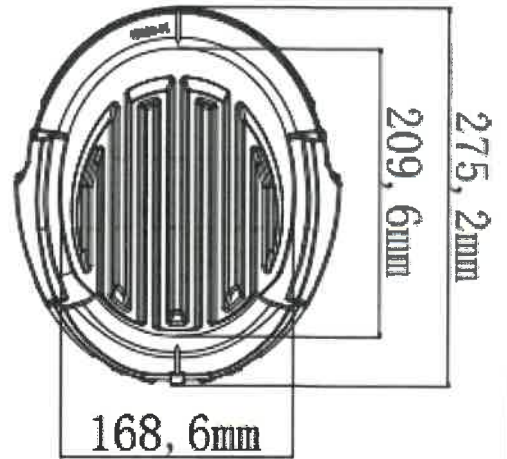
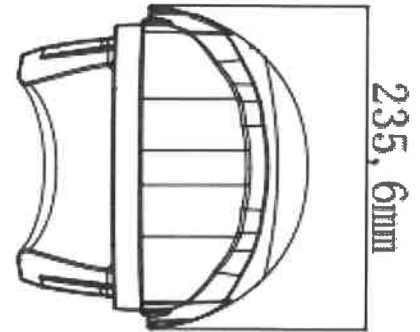


Remark: the Production Year Label is on EPS – Protective padding.

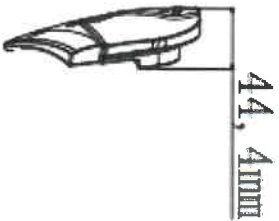
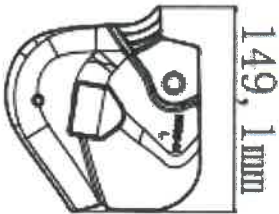
DRW.	H589-04	EPS details
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Type	H589
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Page	10 of 19
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EPS-Protective Padding
for size M

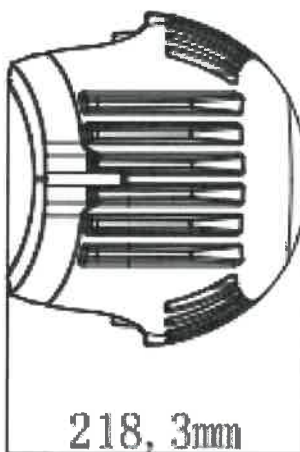
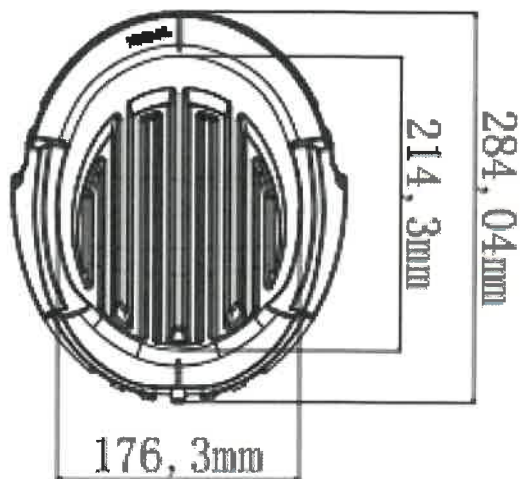
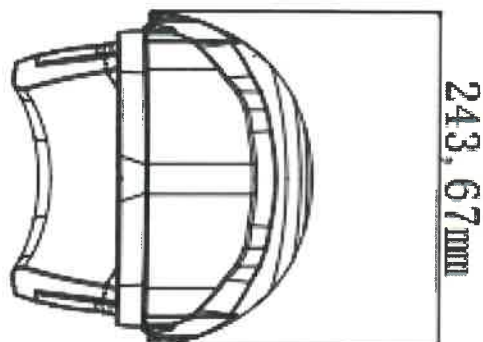


EPS-Ear Protective Padding
for sizes XS/S/M

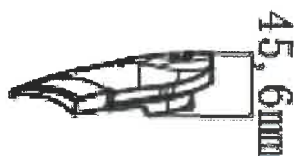
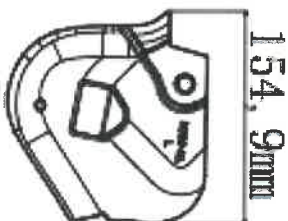
Remark: the Production Year Label is on EPS – Protective padding.

DRW.	H589-05	EPS details
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	Type	H589
	Page	11 of 19



EPS-Protective Padding
for sizes L/XL61

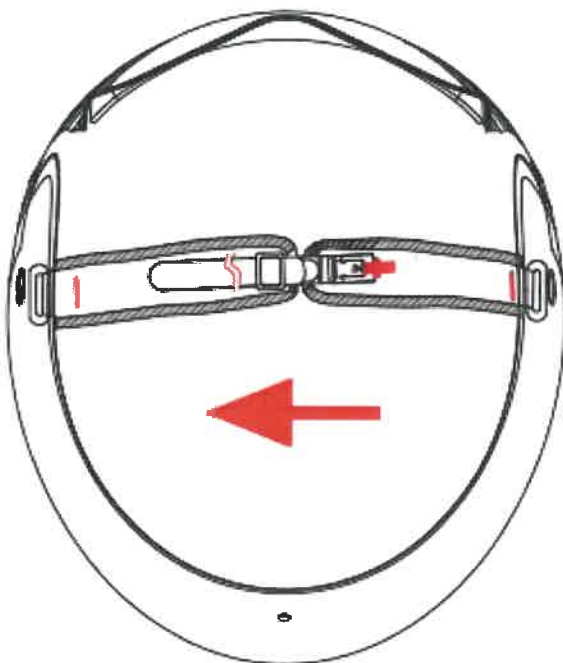
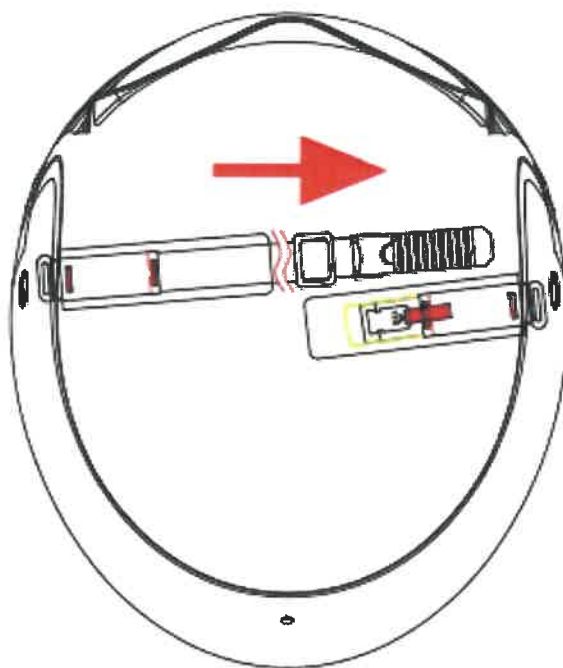


EPS-Ear Protective Padding
for sizes L/XL61

Remark: the Production Year Label is on EPS – Protective padding.

DRW.	H589-06	EPS details
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	Type	H589
	Page	12 of 19



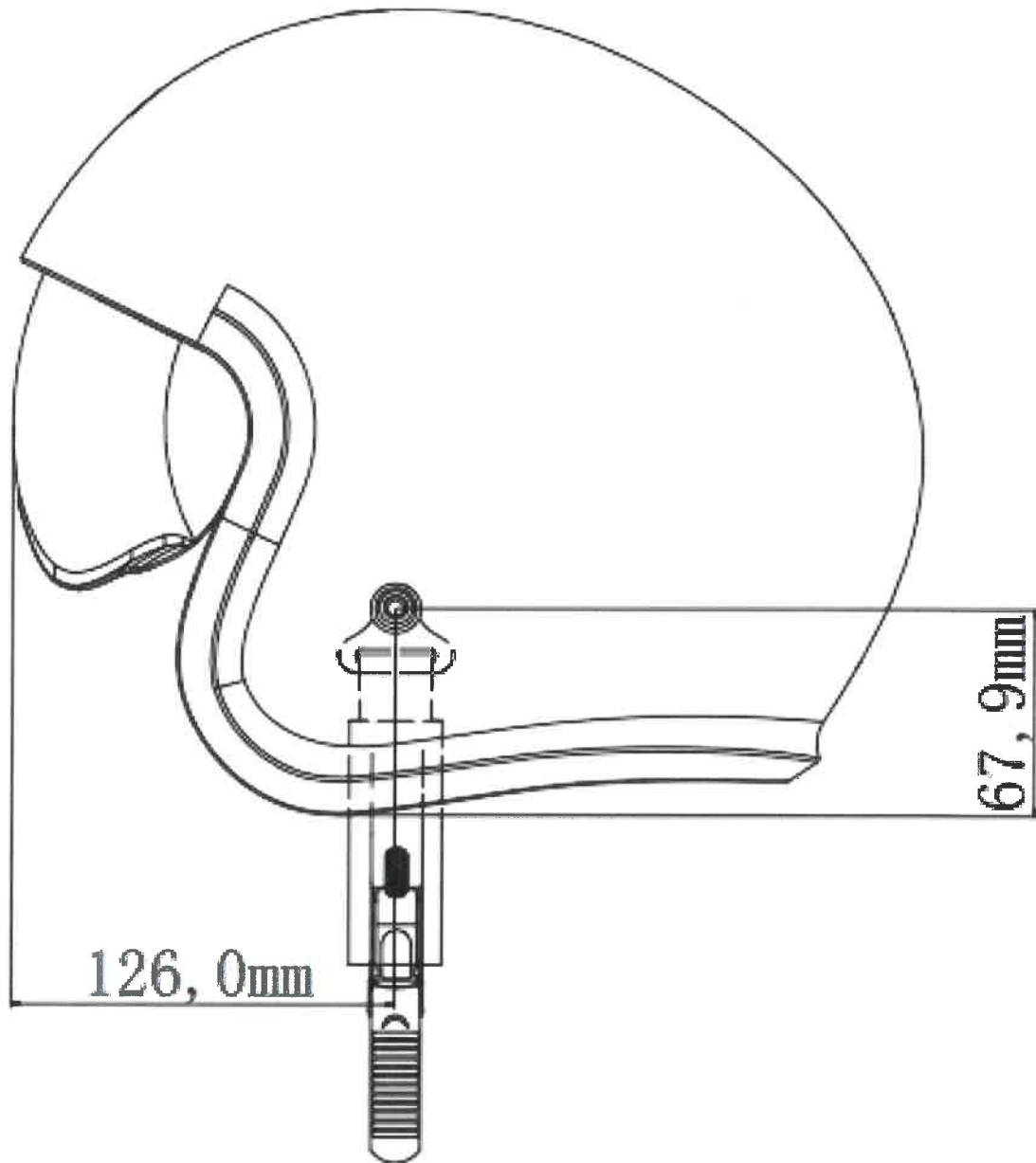
DRW.

H589-08

Retention system, chin
 strap operation

Type H589

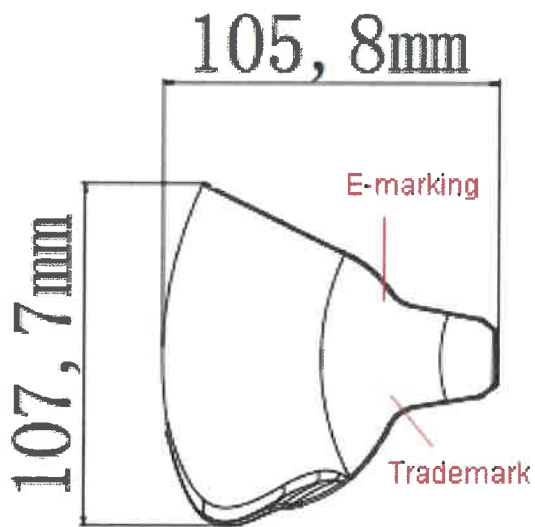
Page 14 of 19



R22 E1*22R06/02*301041*00

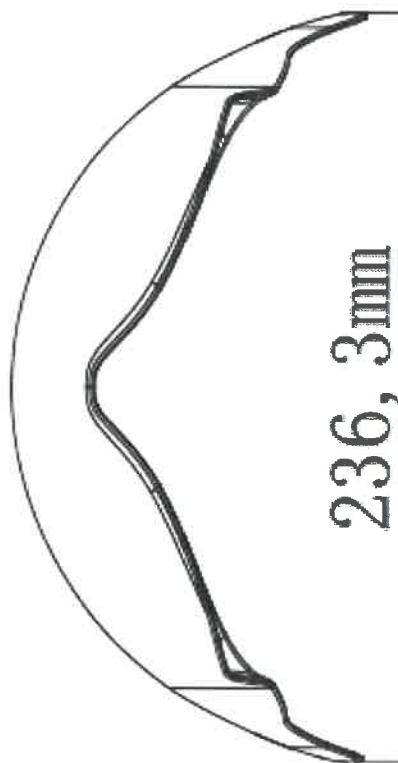
DRW.	H589-09	Retention system, position details
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	Type	H589
	Page	15 of 19



06301040-XXXX

HS-05



Remark: the thickness of inner visor is 1.6 mm.

DRW.

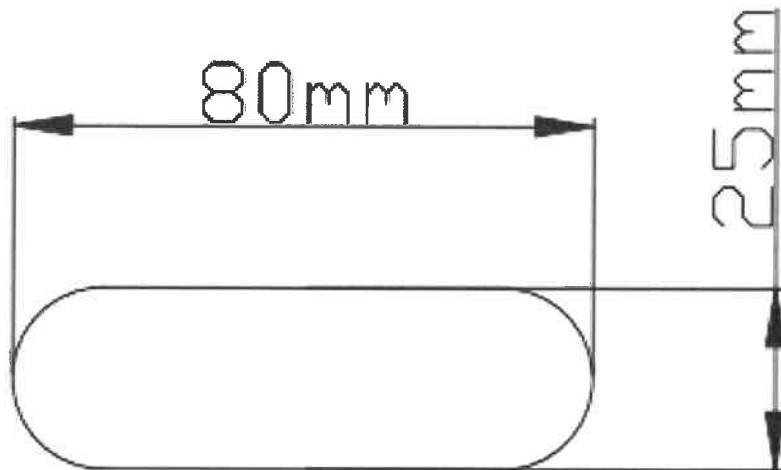
H589-10

Drawing and details of visor

Type H589

Page 16 of 19

R22 E1*22R06/02*301041*00



**Remark: the material of the retroreflective parts is Acrylics;
 The retroreflective parts are optional, and are packed with the helmet and the proper indications to the user on where and how to apply the retroreflective parts on the helmet.**

	DRW.	H589-11	Retroreflective parts (Optional)
		Type	H589
		Page	17 of 19



06301041/J-XXXX

Model: H589

HELMET TYPE:H589

COLOR OF LABEL:WHITE

COLOR OF PRINT:BLACK

MATERIAL OF LABEL:CLOTH

a=8mm

DRW.	H589-12	Approval marking(s)
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	Type	H589
	Page	18 of 19

R22 E1*22R06/02*301041*00

SHANGHAI HEHUI SAFETY PRODUCTS MANUFACTURE CO., LTD.
Information folder No. HEHUI-H589-00

Application date: August 23, 2023



R22 E1*22R06/02*301041*00

DRW.	H589-13	Helmet assembly pictures
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	Type	H589
	Page	19 of 19