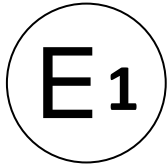




Kraftfahrt-Bundesamt

DE-24932 Flensburg



MITTEILUNG

ausgestellt von:

Kraftfahrt-Bundesamt

über die Erteilung einer Genehmigung für einen Schutzhelmtyp mit einem Visiertyp(en) nach der Regelung Nr. 22 einschließlich Änderung Nr. 06 Ergänzung 02

COMMUNICATION

issued by:

Kraftfahrt-Bundesamt

concerning the granting of an approval of a type of protective helmet with one visor type(s) pursuant to Regulation No. 22 including amendment No. 06 supplement 02

Genehmigungsnummer: **E1*22R06/02*301172*00**

Approval number:

1. Fabrik- oder Handelsmarke:
Trade name or mark:
**A-PRO, AXO, BAYARD, BiLT, BOX, CMS,
CX RACING, DEXTER, DIEFFE, DROXX,
EXKLUSIV, FFM, FIRST RACING, FLINT,
FULMER, G-MAC, GUN, HARLEY DAVIDSON,
HELD, IXS, JOE ROCKET, KENNY, KOJI,
KONTROL, KTM, LIFESTYLE, LS2, MAC, MHR,
NEXO, NITRO, NOX, OXFORD, ROCC, RXA,
SEDICI, SHAFT-PRO, SHELL, SKULLY,
S-LINE, SMOOK, SPARX,
SPEED AND STRENGTH, SPEEDWAY,
SPIRIT, SPYDER, STELS, STREET&STEEL,
SWIFT, SYKO, TAKACHI, TAKAI, TEXX,
TRIK MOTO, TUZO, VENOM, VOSS, XPLORER,
X-VINCE, ZOX**
2. Typ:
Type:
FF358
3. Größen:
Sizes:
XS 53-54, S 55-56, M 57-58, L 59-60, XL 61-62, XXL 63-64, XXXL 65-66



Kraftfahrt-Bundesamt

DE-24932 Flensburg

2

Genehmigungsnummer: **E1*22R06/02*301172*00**

Approval Number:

4. Name des Herstellers:
Manufacturer's name:
JIANGMEN PENGCHENG HELMETS LTD.
CN-Gonghe Town, Heshan City
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 mit schützender unterer Gesichtabdeckung (P)**
Helmet with protective lower face cover (P)
10. Visiertyp oder Visiertypen:
Type of visor or visors:
FF-MHR-113 (E1 R22 06301173)
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



Kraftfahrt-Bundesamt

DE-24932 Flensburg

3

Genehmigungsnummer: **E1*22R06/02*301172*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:
30.08.2024
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:
22.07.2024
18. Nummer des Gutachtens des Technischen Dienstes:
Number of report issued by that service:
85-R22-814/24-00
19. Bemerkung(en):
Remark(s):
Handelsbezeichnung(en):
General commercial description(s):
COSMOS, FF300, FF300-1, FF358-10, FF816
- Ausführung(en):**
Version(s):
1: FF358
2: FF300-1
3: FF358-10, FF816
20. Die Genehmigung wird **erteilt**
Approval is **granted**



Kraftfahrt-Bundesamt

DE-24932 Flensburg

4

Genehmigungsnummer: **E1*22R06/02*301172*00**

Approval Number:

21. Ort: **DE-24932 Flensburg**
Place:
22. Datum: **12.09.2024**
Date:
23. Unterschrift: **Im Auftrag**
Signature:


(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*301172*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:
JIANGMEN PENGCHENG HELMETS LTD.
CN-Gonghe Town, Heshan City
2. Datum der Anfangsbewertung:
Date of the initial assessment:
10.08.2015
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-501834 | 12.06.2018 | 05300517, Erweiterung 02 |
| P-503485 | 17.03.2022 | E1*22R05/03*300584*02 |



Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1*22R06/02*301172*00**

To:

Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **12.09.2024**

Date of issue:

Letztes Änderungsdatum: --

Last date of amendment:

Nebenbestimmungen und Rechtsbehelfsbelehrung
Collateral clauses and instruction on right to appeal

Prüfbericht(e) Nr.:

Test report(s) No.:

85-R22-814/24-00

Datum:

Date:

22.07.2024

Beschreibungsbogen Nr.:

Information document No.:

MHR-FF358-00

Datum:

Date:

01.05.2024

Liste der Änderungen:

List of modifications:

Entfällt

Not applicable

Datum:

Date:



Kraftfahrt-Bundesamt

DE-24932 Flensburg

Nummer der Genehmigung: E1*22R06/02*301172*00

- Anlage -

Nebenbestimmungen und Rechtsbehelfsbelehrung

Nebenbestimmungen

Diese Genehmigung wird unter der auflösenden Bedingung erteilt, dass bis zum 12.09.2025 der Prüfbericht zur Produktionsqualifizierung gemäß Nr. 9. der UN-Regelung Nr. 22 beim Kraftfahrt-Bundesamt eingereicht wird.

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*301172*00**

- Attachment -

Collateral clauses and instruction on right to appeal

Collateral clauses

This approval is issued under the dissolving condition that by the 12.09.2025 the test report of production qualification in accordance with UN Regulation No. 22, Paragraph 9, is submitted to the Kraftfahrt-Bundesamt.

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.**

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

TEST REPORT

according to

UN-R 22

Uniform provisions concerning the approval of protective helmets and their visors for drivers and passengers of motor cycles 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 : E1*22R06/02*301172*00 (resevered)

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 : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

0. General information

- 0.1. Make (trade name of the manufacturer) : A-PRO, AXO, BAYARD, BiLT, BOX, CMS, CX RACING, DEXTER, DIEFFE, DROXX, EXKLUSIV, FFM, FIRST RACING, FLINT, FULMER, G-MAC, GUN, HARLEY DAVIDSON, HELD, IXS, JOE ROCKET, KENNY, KOJI, KONTROL, KTM, LIFESTYLE, LS2, MAC, MHR, NEXO, NITRO, NOX, OXFORD, ROCC, RXA, SEDICI, SHAFT-PRO, SHELL, SKULLY, S-LINE, SMOOK, SPARX, SPEED AND STRENGTH, SPEEDWAY, SPIRIT, SPYDER, STELS, STREET&STEEL, SWIFT, SYKO, TAKACHI, TAKAI, TEXX, TRIK MOTO, TUZO, VENOM, VOSS, XPLOER, X-VINCE, ZOZ
- 0.2. Type : FF358
 - Commercial description(s) : COSMOS, FF300, FF300-1, FF358-10, FF816
 - Version(s) : Version 1: FF358
Version 2: FF300-1
Version 3: FF358-10, FF816
- 0.3. Helmet category : see appendix L, item 9
- 0.4. Name and address of the manufacturer : Jiangmen Pengcheng Helmets Ltd.
No.01-7 Dongsheng Road, Gonghe Town, Heshan City, Jiangmen City, Guangdong Province, 529728, P.R.China
- 0.5. No. of the information document : MHR-FF358-00
 - Date of issue : May 01, 2024
 - 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~~
 - 1.2. Worst case configuration : ~~No worst case assessment required (only one variant/version or no variants/versions)~~

There is no worst case selection applicable because all versions mentioned in the information folder are tested.

R22 E1*22R06/02*301172*00

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

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**

Remarks concerning extension : not applicable

~~The helmet type has been tested according to the modification(s) mentioned in appendix 0.~~

~~The new parts meet the requirements of the regulation.~~

~~An actual practical test of the helmet was not necessary. The results of the previous test(s) are still valid.~~

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 : May 08-09, 2024

2.4. Remarks : without

R22 E1*22R06/02*301172*00

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets 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 | : MHR-FF358-00 (32 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, July 22, 2024

KWU / CGC



Kevin Wu

Technical Expert Technical Service

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

List of modifications

Appendix 0

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

R22 E1*22R06/02*301172*00

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

Communication concerning the type approval

Appendix L

- | | | | |
|----|---|---|---|
| 1 | Trade mark | : | A-PRO, AXO, BAYARD, BILT, BOX, CMS, CX RACING, DEXTER, DIEFFE, DROXX, EXKLUSIV, FFM, FIRST RACING, FLINT, FULMER, G-MAC, GUN, HARLEY DAVIDSON, HELD, IXS, JOE ROCKET, KENNY, KOJI, KONTROL, KTM, LIFESTYLE, LS2, MAC, MHR, NEXO, NITRO, NOX, OXFORD, ROCC, RXA, SEDICI, SHAFT-PRO, SHELL, SKULLY, S-LINE, SMOOK, SPARX, SPEED AND STRENGTH, SPEEDWAY, SPIRIT, SPYDER, STELS, STREET&STEEL, SWIFT, SYKO, TAKACHI, TAKAI, TEXX, TRIK MOTO, TUZO, VENOM, VOSS, XPLOER, X-VINCE, ZOX |
| 2 | Type | : | FF358 |
| | Commercial description(s) | : | COSMOS, FF300, FF300-1, FF358-10, FF816 |
| | Versions(s) | : | Version 1: FF358 Version 2: FF300-1 Version 3: FF358-10, FF816 |
| 3 | Sizes | : | XS 53-54, S 55-56, M 57-58, L 59-60, XL 61-62, XXL 63-64, XXXL 65-66 |
| 4 | Manufacturer's name | : | Jiangmen Pengcheng Helmets Ltd. |
| 5 | Address of manufacturer | | No.01-7 Dongsheng Road, Gonghe Town, Heshan City, Jiangmen City, Guangdong Province, 529728, P.R.China |
| 6 | If applicable, name of manufacturer's representative | : | not applicable |
| 7 | Address of manufacturer's representative | : | not applicable |
| 8 | Brief description of helmet | : | The helmet is composed of ABS shell (Acrylonitrile-Butadiene-Styrene). The XXXL-XS protective padding is made of one EPS (Expanded Poly Styrene) Main size liner, one EPS Top crown liner in the top area, two EPS Chin liners. The adoption to the different head sizes is done by different sizes of shell, different thickness of the size liner, and different thickness of the comfort padding. The helmet is fitted with 1 visor with separate approval. |
| 9 | Helmet category | : | with protective lower face cover (P) |
| 10 | Type of visor or visors | : | FF-MHR-113 (E1 R22 06301173) |
| 11 | Brief description of visor or visors, and inner visor if any | : | Clear visor, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.5mm. |
| 12 | Helmet ready for | : | Specific accessory (SA) / Universal accessories (UA) |
| 13 | Accessories included in the helmet homologation and functionality | : | not applicable |

Type : FF358**Manufacturer** : Jiangmen Pengcheng Helmets Ltd.

| | | | |
|----|---|---|---|
| 14 | If UA helmet | : | not applicable speakers (S or S45)/Microphone (M)/Front mounting (F) / Side mounting (L), Rear mounting (R) |
| 15 | Submitted for approval on | : | May 08-09, 2024 |
| 16 | Technical service responsible for conducting approval tests | : | Technischer Dienst der TÜV Rheinland Kraftfahrt GmbH Am Grauen Stein, 51105 Cologne, Germany |
| 17 | Date of report issued by that service | : | July 22, 2024 |
| 18 | Number of report issued by that service | : | 85-R22-814/24-00 |
| 19 | Comments | : | not applicable |
| 20 | Approval | : | Granted / extended / refused / withdrawn |

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets 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 | Helmet with accessories (6.3) | : | Not applicable |
| 4.1 | Helmet with universal accessories (6.3.1) | : | Not applicable |
| 4.2 | Helmet with specific accessories (6.3.2) | | Not applicable |
| 5 | Protection areas (6.4) | : | The shell and padding of the helmets of each size cover the required areas. |
| 6 | 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. |
| 7 | 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. |
| 8 | Inner projections (6.8) | : | No inward facing sharp edges. All internal parts are covered with padding. |
| 9 | 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. |

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

| | | |
|------|---|---|
| 10 | Retention system | |
| 10.1 | Abrasion protection (6.10) | : The wearer is protected from abrasion by the retention system. |
| 10.2 | 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 - 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 |
| 10.3 | 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. |
| 11 | Detachable/movable face cover (6.12) | : Not applicable |
| 12 | Materials (6.13) | : The materials used for the helmet comply with the regulation. |
| 13 | Breakage and deformation (6.14) | : The helmet does not show breakage or deformation dangerous to the wearer after testing. |
| 14 | Peripheral vision (6.15) | : Complies with the requirements of the regulation, refer test results. |
| 15 | Visor (6.16) | : Refer to the visor approval: FF-MHR-113 (E1 R22 06301173) |
| 16 | Sun shield (6.17) | : Not applicable |
| 17 | Conspicuity marking (6.18) | : The helmet is not equipped with retroreflective parts. |
| 18 | Accessories (6.19) | : Not applicable |

Type : FF358**Manufacturer** : Jiangmen Pengcheng Helmets Ltd.

19 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.

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Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

Representative for complete tests**For version 1: FF358**

6.15. Peripheral vision

| Helmet Size | Test head | horizontal angle [°] (min. 210°) | upwards angle [°] (min. 7°) | downwards angle [°] (min. 45°) |
|-------------|-----------|-------------------------------------|--------------------------------|-----------------------------------|
| XS 53-54 | 535 | 212 | 7 | 45 |
| XXL 63-64 | 625 | 212 | 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 | 161 | 1300 |
| | XL | 190 | 1578 |
| | P | 188 | 1977 |
| | R | 166 | 1413 |
| | S | 113 | 389 |
| Helmet 2 High Temp. (+50°C) | B | 169 | 1136 |
| | XL | 148 | 1006 |
| | P | 143 | 1192 |
| | R | 123 | 864 |
| | S | --- | --- |

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

helmet size : S 55-56
 test-head-size : 535
 anvil : Flat (Helm. 3), Kerbstone (Helm. 4)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|--------------------------------|--------------|-----------------------|---------|
| Helmet 3 Low Temp. (-10°C) | B | 175 | 1489 |
| | XL | 205 | 1709 |
| | P | 195 | 2156 |
| | R | 168 | 1506 |
| | S | 118 | 433 |
| Helmet 4 High Temp. (+50°C) | B | 194 | 1292 |
| | XL | 151 | 1062 |
| | P | 183 | 1446 |
| | R | 122 | 893 |
| | S | --- | --- |

helmet size : S 55-56
 test-head-size : 535
 anvil : Flat (Helm. 5), Kerbstone (Helm. 6), Kerbstone (Helm. 7)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|-------------------------------|--------------|-----------------------|---------|
| Helmet 5 Ambient | B | 176 | 1439 |
| | XR | 216 | 1852 |
| | P | 180 | 1881 |
| | R | 161 | 1373 |
| | S | --- | --- |
| Helmet 6 Ambient | B | 172 | 1259 |
| | XR | 185 | 1455 |
| | P | 188 | 1472 |
| | R | 127 | 947 |
| | S | --- | --- |
| Helmet 7 Artificial ageing | B | 176 | 1253 |
| | XL | 152 | 1053 |
| | P | 199 | 1568 |
| | R | 130 | 972 |
| | S | --- | --- |

R22 E1*22R06/02*301172*00

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

helmet size : M 57-58
 test-head-size : 575
 anvil : Flat (Helm. 8), Kerbstone (Helm. 9)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|--------------------------------|--------------|-----------------------|---------|
| Helmet 8 Low Temp. (-10°C) | B | 172 | 1436 |
| | XL | 187 | 1554 |
| | P | 193 | 2065 |
| | R | 182 | 1524 |
| | S | 145 | 493 |
| Helmet 9 High Temp. (+50°C) | B | 192 | 1226 |
| | XL | 208 | 1186 |
| | P | 232 | 1504 |
| | R | 126 | 968 |
| | S | --- | --- |

helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 10), Kerbstone (Helm. 11), Flat (Helm. 12)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|--------------------------------|--------------|-----------------------|---------|
| Helmet 10 Ambient | B | 167 | 1439 |
| | XR | 176 | 1362 |
| | P | 180 | 1797 |
| | R | 177 | 1438 |
| | S | --- | --- |
| Helmet 11 Ambient | B | 149 | 1085 |
| | XR | 168 | 1093 |
| | P | 137 | 1097 |
| | R | 150 | 1057 |
| | S | --- | --- |
| Helmet 12 Artificial ageing | B | 170 | 1436 |
| | XL | 180 | 1343 |
| | P | 186 | 1924 |
| | R | 164 | 1307 |
| | S | --- | --- |

R22 E1*22R06/02*301172*00

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 13), Kerbstone (Helm. 14)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|---------------------------------|--------------|-----------------------|---------|
| Helmet 13 Low Temp. (-10°C) | B | 170 | 1479 |
| | XL | 206 | 1560 |
| | P | 179 | 1809 |
| | R | 163 | 1196 |
| | S | 185 | 733 |
| Helmet 14 High Temp. (+50°C) | B | 149 | 1085 |
| | XL | 168 | 1093 |
| | P | 137 | 1097 |
| | R | 150 | 1057 |
| | S | --- | --- |

helmet size : XXXL 65-66
 test-head-size : 625
 anvil : Flat (Helm. 15), Kerbstone (Helm. 16), Kerbstone (Helm. 17)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|--------------------------------|--------------|-----------------------|---------|
| Helmet 15 Ambient | B | 191 | 1588 |
| | XR | 201 | 1544 |
| | P | 165 | 1552 |
| | R | 177 | 1463 |
| | S | --- | --- |
| Helmet 16 Ambient | B | 160 | 1129 |
| | XR | 174 | 1063 |
| | P | 181 | 1198 |
| | R | 179 | 1137 |
| | S | --- | --- |
| Helmet 17 Artificial ageing | B | 163 | 1147 |
| | XL | 196 | 1126 |
| | P | 164 | 1139 |
| | R | 177 | 1131 |
| | S | --- | --- |

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Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

helmet size : XXXL 65-66
 test-head-size : 625
 anvil : Flat (Helm. 18), Kerbstone (Helm. 19)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|---------------------------------|--------------|-----------------------|---------|
| Helmet 18 Low Temp. (-10°C) | B | 169 | 1491 |
| | XL | 177 | 1250 |
| | P | 178 | 1844 |
| | R | 180 | 1396 |
| | S | 198 | 639 |
| Helmet 19 High Temp. (+50°C) | B | 171 | 1116 |
| | XL | 212 | 1135 |
| | P | 172 | 1137 |
| | R | 186 | 1140 |
| | S | --- | --- |

Low energy impact

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

helmet size : S 55-56
 test-head-size : 535
 anvil : Kerbstone (Helm. 20)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 20 Ambient | B | 108 | 588 |
| | XL | 110 | 576 |
| | P | 121 | 642 |
| | R | 103 | 542 |
| | S | --- | --- |

helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 21)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 21 Ambient | B | 140 | 875 |
| | XL | 151 | 842 |
| | P | 146 | 1115 |
| | R | 130 | 772 |
| | S | --- | --- |

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Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

helmet size : XXXL 65-66
 test-head-size : 625
 anvil : Kerbstone (Helm. 22)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 22 Ambient | B | 97 | 561 |
| | XL | 96 | 458 |
| | P | 94 | 518 |
| | R | 103 | 533 |
| | S | --- | --- |

High energy impact

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

helmet size : S 55-56
 test-head-size : 535
 anvil : Flat (Helm. 23)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 23 Ambient | B | 207 | 1918 |
| | XL | 221 | 2048 |
| | P | 205 | 2408 |
| | R | 183 | 1729 |
| | S | --- | --- |

helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 24)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 24 Ambient | B | 183 | 1794 |
| | XL | 237 | 1989 |
| | P | 198 | 2132 |
| | R | 186 | 1668 |
| | S | --- | --- |

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Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

helmet size : XXXL 65-66
 test-head-size : 625
 anvil : Flat (Helm. 25)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 25 Ambient | B | 188 | 1885 |
| | XL | 194 | 1571 |
| | P | 178 | 1881 |
| | R | 196 | 1756 |
| | S | --- | --- |

Extra point

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

helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 26)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 26 Ambient | BXR | 170 | 1315 |
| | BXPL | 157 | 1260 |
| | RXL | 177 | 1515 |
| | RXPR | 186 | 1571 |

helmet size : XXXL 65-66
 test-head-size : 625
 anvil : Kerbstone (Helm. 27)

| Conditioning | Impact point | Res. acceleration [g] | HIC [-] |
|----------------------|--------------|-----------------------|---------|
| Helmet 27 Ambient | BXPR | 190 | 1250 |
| | BXL | 151 | 1051 |
| | RXPL | 137 | 1067 |
| | RXR | 195 | 1206 |

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Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

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

For version 1: FF358

All values are within the limits of the regulation.

| | | |
|----------------|---|----------|
| Helmet size | M 57-58 | |
| Test head size | 575 | |
| | Test with positive result at the following points of the outer shell: | |
| 1. | Front air vent sliding tangential at the projection | Positive |
| 2. | Main outer shell area test for friction assessment | Positive |

7.4.3 Test for projections of the category P/J with movable lower face cover. (strength assessment of the movable face cover in the position "J")

Not applicable.

7.5 Rigidity test

All values are within the limits of the regulation.

| Helmet Size | Direction | Deformation [mm] (max. 40 mm) | Permanent deformation [mm] (max. 15 mm) |
|-------------|--------------|-------------------------------|---|
| S 55-56 | longitudinal | 19 | 9 |
| | transversal | 14 | 5 |
| L 59-60 | longitudinal | 15 | 5 |
| | transversal | 16 | 8 |
| XXXL 65-66 | longitudinal | 12 | 5 |
| | transversal | 14 | 7 |

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

7.6. Dynamic test of the retention system

All values are within the limits of the regulation.

With DD Ring

| Helmet Size | Headsizes | dyn.movement [mm] (max. 35 mm) | stat.movement [mm] (max.25 mm) | Remarks |
|-------------|-----------|--------------------------------------|--------------------------------------|---------|
| XS 53-54 | 535 | 28.2 | 18.3 | -- |
| M 57-58 | 575 | 24.0 | 13.2 | -- |
| XL 61-62 | 625 | 20.7 | 8.0 | -- |

With No. 22 Buckle

| Helmet Size | Headsizes | dyn.movement [mm] (max. 35 mm) | stat.movement [mm] (max.25 mm) | Remarks |
|-------------|-----------|--------------------------------------|--------------------------------------|---------|
| XS 53-54 | 535 | 23.1 | 12.3 | -- |
| M 57-58 | 575 | 24.3 | 14.7 | -- |
| XL 61-62 | 625 | 23.1 | 11.2 | -- |

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

All values are within the limits of the regulation.

With DD Ring

| Helmet Size | Headsizes | angle of movement [°] (max. 30°) | Remarks |
|-------------|-----------|-------------------------------------|---------------|
| XS 53-54 | 535 | 13 | Front to rear |
| M 57-58 | 575 | 14 | Front to rear |
| XL 61-62 | 625 | 13 | Front to rear |

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

With No. 22 Buckle

| Helmet Size | Headsizes | angle of movement [°] (max. 30°) | Remarks |
|-------------|-----------|-------------------------------------|---------------|
| XS 53-54 | 535 | 27 | Front to rear |
| M 57-58 | 575 | 21 | Front to rear |
| XL 61-62 | 625 | 13 | Front to rear |

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

All values are within the limits of the regulation.

With DD Ring

| Helmet Size | Headsizes | angle of movement [°] (max. 30°) | Remarks |
|-------------|-----------|-------------------------------------|---------------|
| XS 53-54 | 535 | 20 | Rear to front |
| M 57-58 | 575 | 27 | Rear to front |
| XL 61-62 | 625 | 14 | Rear to front |

With No. 22 Buckle

| Helmet Size | Headsizes | angle of movement [°] (max. 30°) | Remarks |
|-------------|-----------|-------------------------------------|---------------|
| XS 53-54 | 535 | 21 | Rear to front |
| M 57-58 | 575 | 26 | Rear to front |
| XL 61-62 | 625 | 14 | Rear to front |

7.8. Visor tests

Refer to visor type approval No.: FF-MHR-113 (E1 R22 06301173)

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

7.9. Sun shield tests

Not applicable.

7.10 Microslip-test of the chin strap

All values are within the limits of the regulation.

| | | |
|-----------|----------|----------------|
| Movement: | < 5.0 mm | Limit: ≤ 10 mm |
|-----------|----------|----------------|

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.

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.

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Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

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 |
|----------|-------|-------------|-------|-------------|--------------------------------|------|--------|
| 535 | AMB | 45° | FLR | S 55-56 | 2997 | 0.46 | -- |
| 535 | AMB | 45° | Rear | S 55-56 | 3909 | 0.45 | -- |
| 535 | AMB | 45° | LL | S 55-56 | 2211 | 0.25 | -- |
| 535 | AMB | 45° | Front | S 55-56 | 2853 | 0.4 | -- |
| 535 | AMB | 45° | RLR | S 55-56 | 2901 | 0.49 | -- |
| 605 | AMB | 45° | FLR | L 59-60 | 2352 | 0.37 | -- |
| 605 | AMB | 45° | Rear | L 59-60 | 2411 | 0.25 | -- |
| 605 | AMB | 45° | LL | L 59-60 | 2205 | 0.31 | -- |
| 605 | AMB | 45° | Front | L 59-60 | 2573 | 0.31 | -- |
| 605 | AMB | 45° | RLR | L 59-60 | 2668 | 0.31 | -- |
| 625 | AMB | 45° | FLR | XXXL 65-66 | 2394 | 0.39 | -- |
| 625 | AMB | 45° | Rear | XXXL 65-66 | 2690 | 0.3 | -- |
| 625 | AMB | 45° | LL | XXXL 65-66 | 2220 | 0.17 | -- |
| 625 | AMB | 45° | Front | XXXL 65-66 | 2367 | 0.36 | -- |
| 625 | AMB | 45° | RLR | XXXL 65-66 | 2628 | 0.32 | -- |

Type : FF358

Manufacturer : Jiangmen Pengcheng Helmets Ltd.

Supplementary tests

For version 2: FF300-1

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

All values are within the limits of the regulation.

| | | |
|----------------|---|----------|
| Helmet size | M 57-58 | |
| Test head size | 575 | |
| | Test with positive result at the following points of the outer shell: | |
| 1. | Rear air vent sliding tangential at the projection | Positive |
| 2. | Main outer shell area test for friction assessment | Positive |

For version 3: FF358-10

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

All values are within the limits of the regulation.

| | | |
|----------------|---|----------|
| Helmet size | M 57-58 | |
| Test head size | 575 | |
| | Test with positive result at the following points of the outer shell: | |
| 1. | Rear air vent sliding tangential at the projection | Positive |
| 2. | Main outer shell area test for friction assessment | Positive |

Jiangmen Pengcheng Helmets Ltd.
Information folder No. MHR-FF358-00

Application date: May 01, 2024

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Jiangmen Pengcheng Helmets Ltd.
Information folder No. MHR-FF358-00

Application date: May 01, 2024

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

1. Make (trade name or mark of the manufacturer) : A-PRO, AXO, BAYARD, BILT, BOX, CMS, CX RACING, DEXTER, DIEFFE, DROXX, EXKLUSIV, FFM, FIRST RACING, FLINT, FULMER, G-MAC, GUN, HARLEY DAVIDSON, HELD, IXS, JOE ROCKET, KENNY, KOJI, KONTROL, KTM, LIFESTYLE, LS2, MAC, MHR, NEXO, NITRO, NOX, OXFORD, ROCC, RXA, SEDICI, SHAFT-PRO, SHELL, SKULLY, S-LINE, SMOOK, SPARX, SPEED AND STRENGTH, SPEEDWAY, SPIRIT, SPYDER, STELS, STREET&STEEL, SWIFT, SYKO, TAKACHI, TAKAI, TEXX, TRIK MOTO, TUZO, VENOM, VOSS, XPLOER, X-VINCE, ZOX
2. Type : FF358
Commercial description(s) : COSMOS, FF300, FF300-1, FF358-10, FF816
Version : Version 1: FF358;
Version 2: FF300, FF300-1; FF300-A;
Version 3: FF358-10, FF816;
3. Sizes(cm) : XS (53-54), S (55-56), M (57-58), L (59-60), XL (61-62), XXL (63-64), XXXL (65-66)
4. Name of the manufacturer : Jiangmen Pengcheng Helmets Ltd.
5. Address of the manufacturer : No.01-7 Dongsheng Road, Gonghe Town, Heshan, Jiangmen City, Guangdong, 529728 P.R. China
6. Name of the manufacturer's representative : N/A
7. Address of the manufacturer's representative : N/A
8. Brief description of the helmet : The helmet is composed of ABS shell (Acrylonitrile-Butadiene-Styrene).
and / or¹

~~Brief description of visor~~

| | | |
|--|------|---------|
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The XXXL-XS protective padding is made of one EPS (Expanded Poly Styrene) Main size liner, one EPS Top crown liner in the top area, two EPS Chin liners.

The adoption to the different head sizes is done by different sizes of shell, different thickness of the size liner, and different thickness of the comfort padding.

The helmet is fitted with 1 visor with separate approval.

The visor type: FF-MHR-113 (E1 R22 06301173), made of Polycarbonate (PC), and a thickness of 2.5 mm.

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)~~¹ P

Type of visor or visors : FF-MHR-113

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

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

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

NOTE:

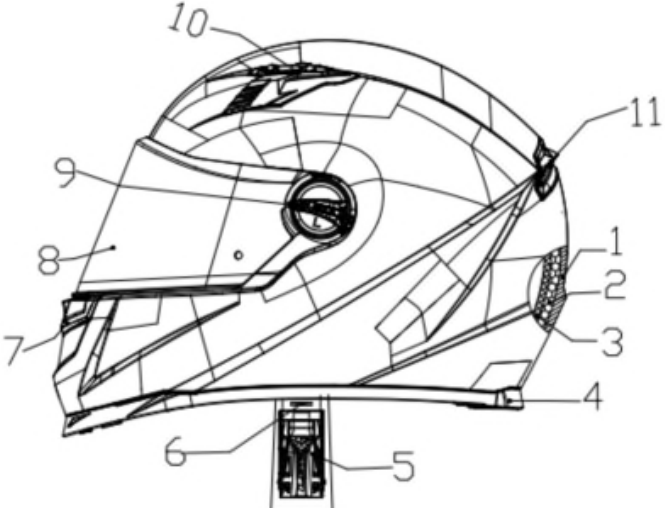
¹ strike through where not applicable

| | | |
|--|------|---------|
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Information folder No. MHR-FF358-00

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| | | | | |
|--------------|------------------------------------|------------|-------------|------------------------|
| 11 | 后风窗 back vent | 个 piece | 1 | Alloy Material |
| 10 | 前风窗 top vent | 套 set | 1 | Alloy Material |
| 9 | 底座 Ratchet system | 套 set | 2 | POM |
| 8 | 镜片 visor | 个 piece | 1 | pc |
| 7 | 下巴风窗 mouth vent | 套 set | 1 | ABS |
| 6 | 帽带 chin strap | 条 unit | 2 | nylon |
| 5 | 快速扣/双平圆钢环扣 buckle/Double"O"ring | 套 set | 1 | ss/ stainless steel |
| 4 | 下胶边 rubber ring | 条 unit | 1 | pvc |
| 3 | 内衬 Comfort Padding | 套 set | 1 | nylon |
| 2 | 泡沫 protective padding | 个 piece | 5 | EPS |
| 1 | 壳体 Outer shell | 个 piece | 1 | ABS |
| 序号 number | 名称 name | 单位 unit | 数量 piece | 材料 material |

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| MODEL | FF358 | | | | | | |
| SIZE | XXXL | XXL | XL | L | M | S | XS |
| CM | 65-66 | 63-64 | 61-62 | 59-60 | 57-58 | 55-56 | 53-54 |

技术要求

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

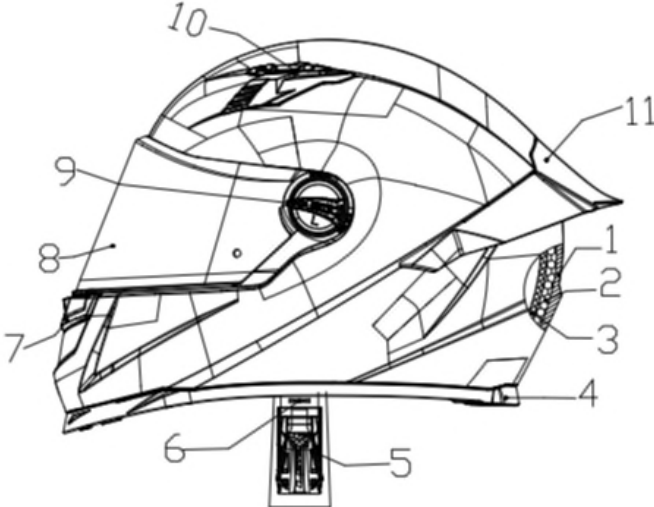
DRW. FF358-01 Version 1: Assembly Drawing

| | | |
|--|------|---------|
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| | | | | |
|--------------|-------------------------------------|------------|-------------|------------------------|
| 11 | 后风窗 back vent | 个 piece | 1 | Alloy Material |
| 10 | 前风窗 top vent | 套 set | 1 | Alloy Material |
| 9 | 底座 Rotchet system | 套 set | 2 | POM |
| 8 | 镜片 visor | 个 piece | 1 | pc |
| 7 | 下巴风窗 mouth vent | 套 set | 1 | ABS |
| 6 | 帽带 chin strap | 条 unit | 2 | nylon |
| 5 | 快速扣/力握平圆快扣扣 buckle/Double"V"ring | 套 set | 1 | ss/ stainless steel |
| 4 | 下胶边 rubber ring | 条 unit | 1 | pvc |
| 3 | 内衬 Comfort Padding | 套 set | 1 | nylon |
| 2 | 泡沫 protective padding | 个 piece | 5 | EPS |
| 1 | 壳体 Outer shell | 个 piece | 1 | ABS |
| 序号 number | 名称 name | 单位 unit | 数量 piece | 材料 material |

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| MODEL | FF300 | | | | | | |
| SIZE | XXXL | XXL | XL | L | M | S | XS |
| CM | 65-66 | 63-64 | 61-62 | 59-60 | 57-58 | 55-56 | 53-54 |

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

DRW.

FF358-02

Version 2: Assembly Drawing

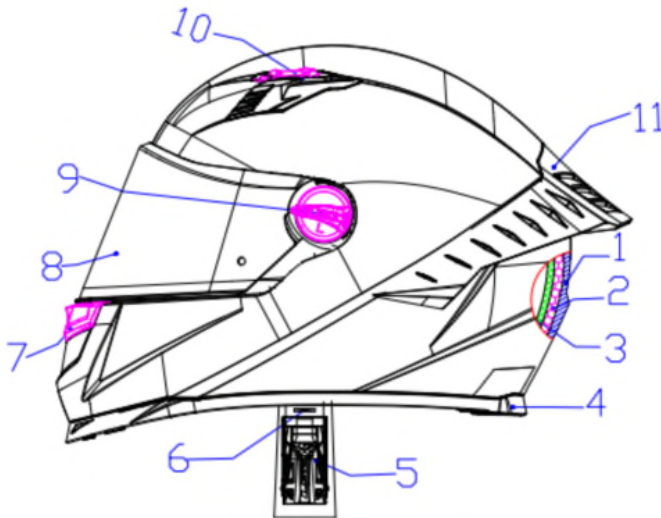
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| | | | | |
|--------------|---------------------------------------|------------|-------------|------------------------|
| 11 | 后风窗 back vent | 个 piece | 1 | Alloy Material |
| 10 | 前风窗 top vent | 套 set | 1 | Alloy Material |
| 9 | 底座 Ratchet system | 套 set | 2 | POM |
| 8 | 镜片 visor | 个 piece | 1 | pc |
| 7 | 下巴风窗 mouth vent | 套 set | 1 | ABS |
| 6 | 帽带 chin strap | 条 unit | 2 | nylon |
| 5 | 快速扣/刀型平面铁环扣 buckle/Double "D" ring | 套 set | 1 | ss/ stainless steel |
| 4 | 下胶边 rubber ring | 条 unit | 1 | pvc |
| 3 | 内衬 Comfort Padding | 套 set | 1 | nylon |
| 2 | 泡沫 protective padding | 个 piece | 5 | EPS |
| 1 | 壳体 Outer shell | 个 piece | 1 | ABS |
| 序号 number | 名称 name | 单位 unit | 数量 piece | 材料 material |

| | | | | | | | |
|-------|----------|-------|-------|-------|-------|-------|-------|
| MODEL | FF358-10 | | | | | | |
| SIZE | XXXL | XXL | XL | L | M | S | XS |
| CM | 65-66 | 63-64 | 61-62 | 59-60 | 57-58 | 55-56 | 53-54 |

技术要求
Technical requirements

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

DRW.

FF358-03

Version 3: Assembly Drawing

| | | |
|--|------|---------|
| | Type | FF358 |
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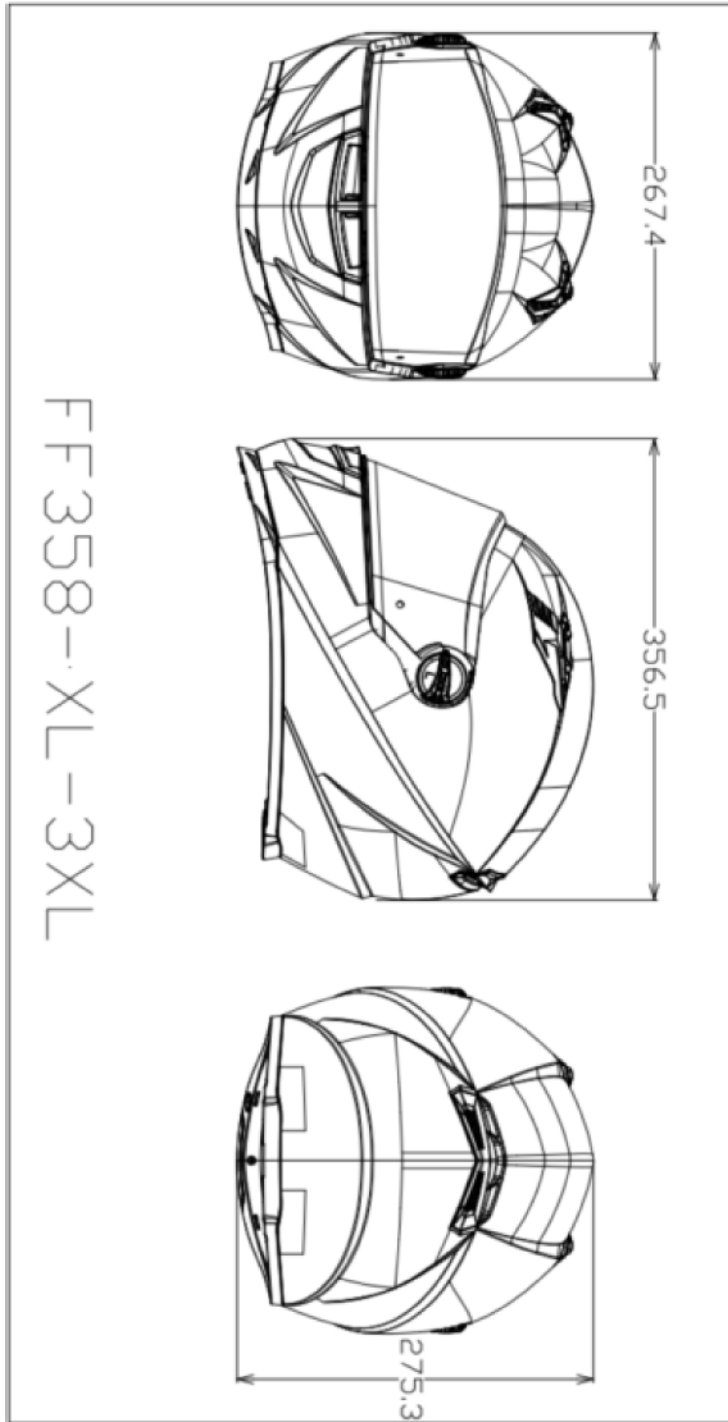
| Part No. | Subject or name | Material |
|-----------------|------------------------|-------------------------------|
| 1 | Outer Shell | ABS |
| 2 | Protective padding | EPS |
| 3 | Comfort padding | Nylon |
| 4 | Rubber Ring | PVC |
| 5 | Buckle/Double D Ring | A3 / stainless steel |
| 6 | Chin strap | Nylon |
| 7 | Mouth vent | ABS |
| 8 | Visor | PC |
| 9 | Ratchet System | POM |
| 10 | Front vent | Alloy Material |
| 11 | Back vent | Alloy Material |
| | | Material list of parts |

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| | | |
|--|------|---------|
| | Type | FF358 |
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Unit:mm

DRW.

FF358-04

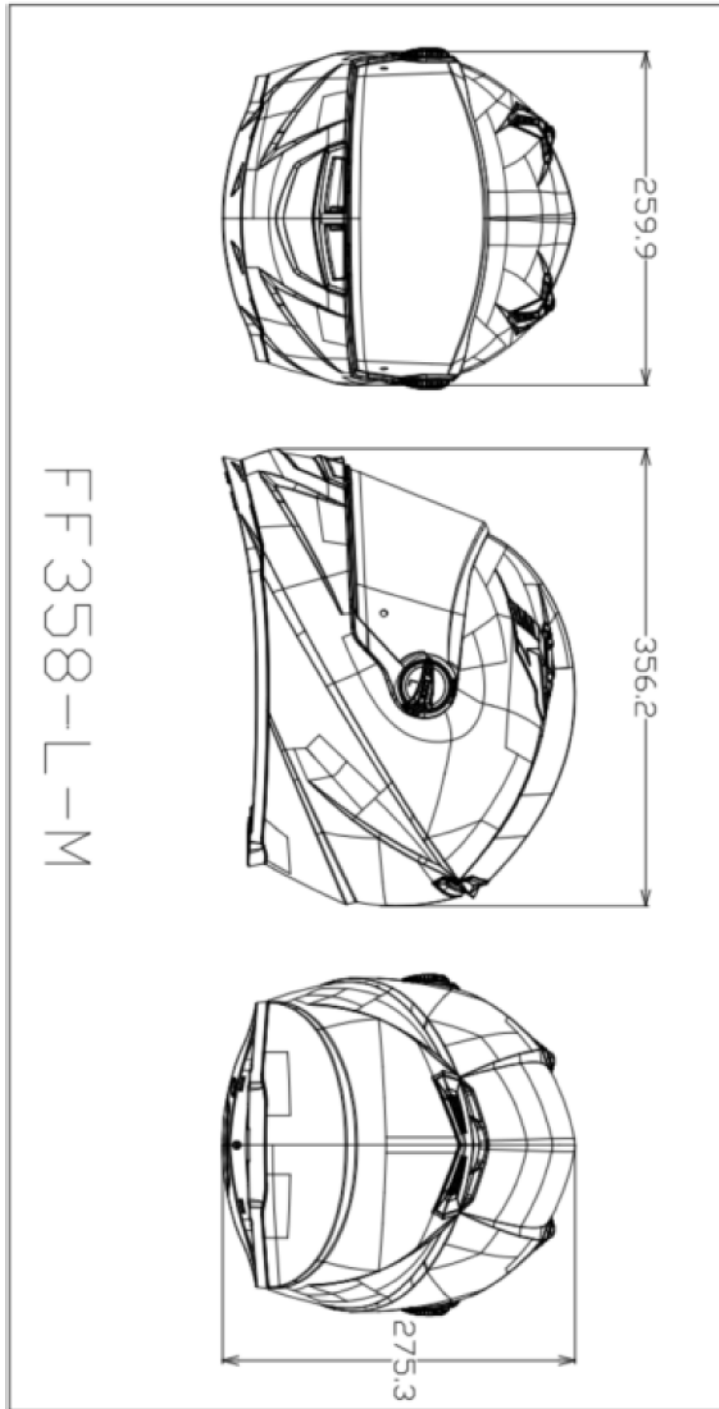
Version 1:Helmet section view
 (for SIZE XL-XXXL)

| | | |
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| | Type | FF358 |
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Unit:mm

| | | |
|------|----------|--|
| DRW. | FF358-05 | Version 1: Helmet section view (for SIZE L-M) |
|------|----------|--|

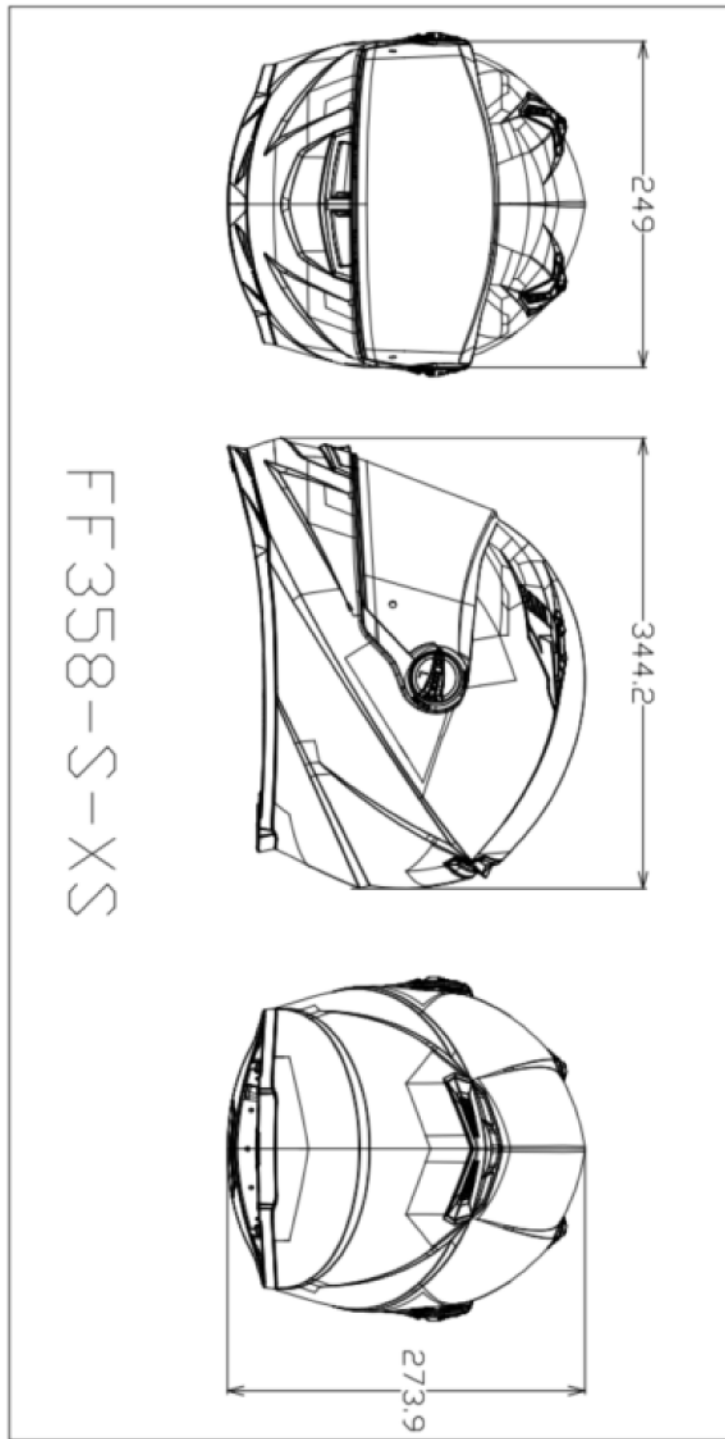
| | | |
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| | Type | FF358 |
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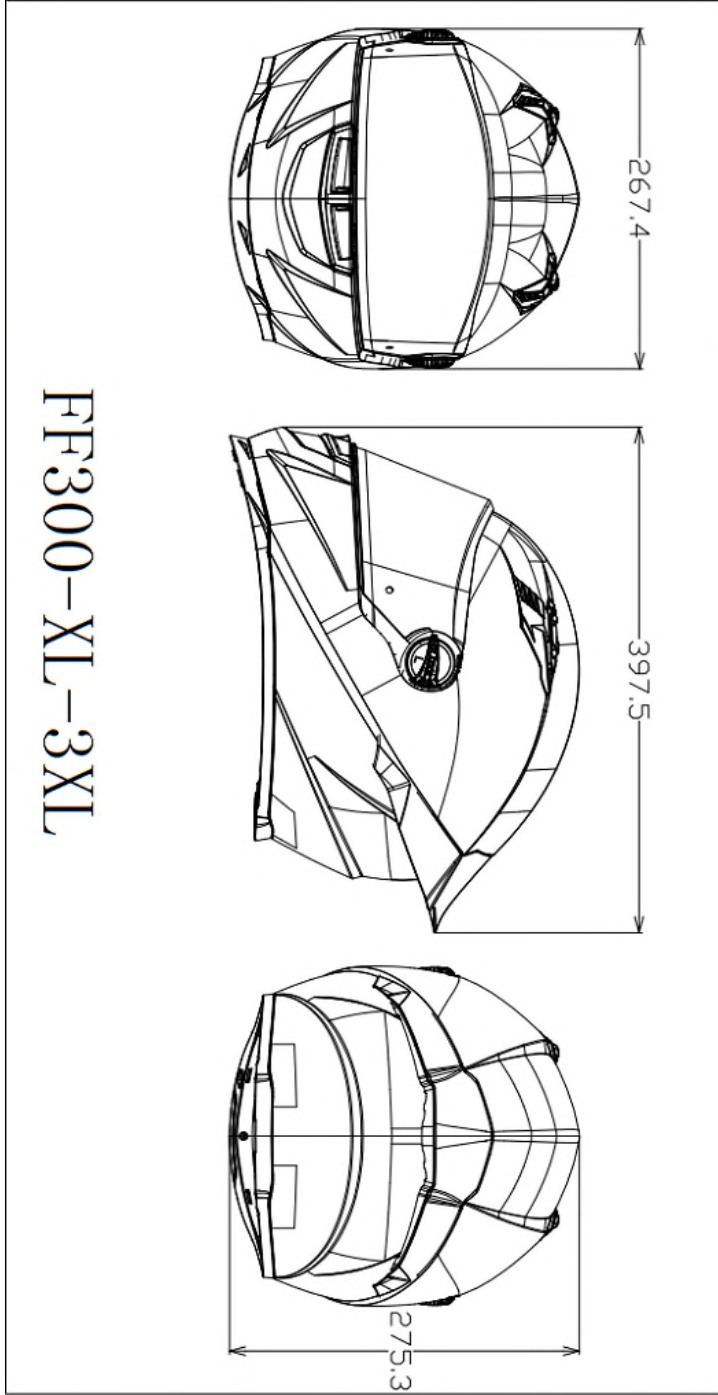
R22 E1*22R06/02*301172*00



Unit:mm

| | | |
|------|----------|---|
| DRW. | FF358-06 | Version 1: Helmet section view (for SIZE S-XS) |
|------|----------|---|

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| | Type | FF358 |
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Unit:mm

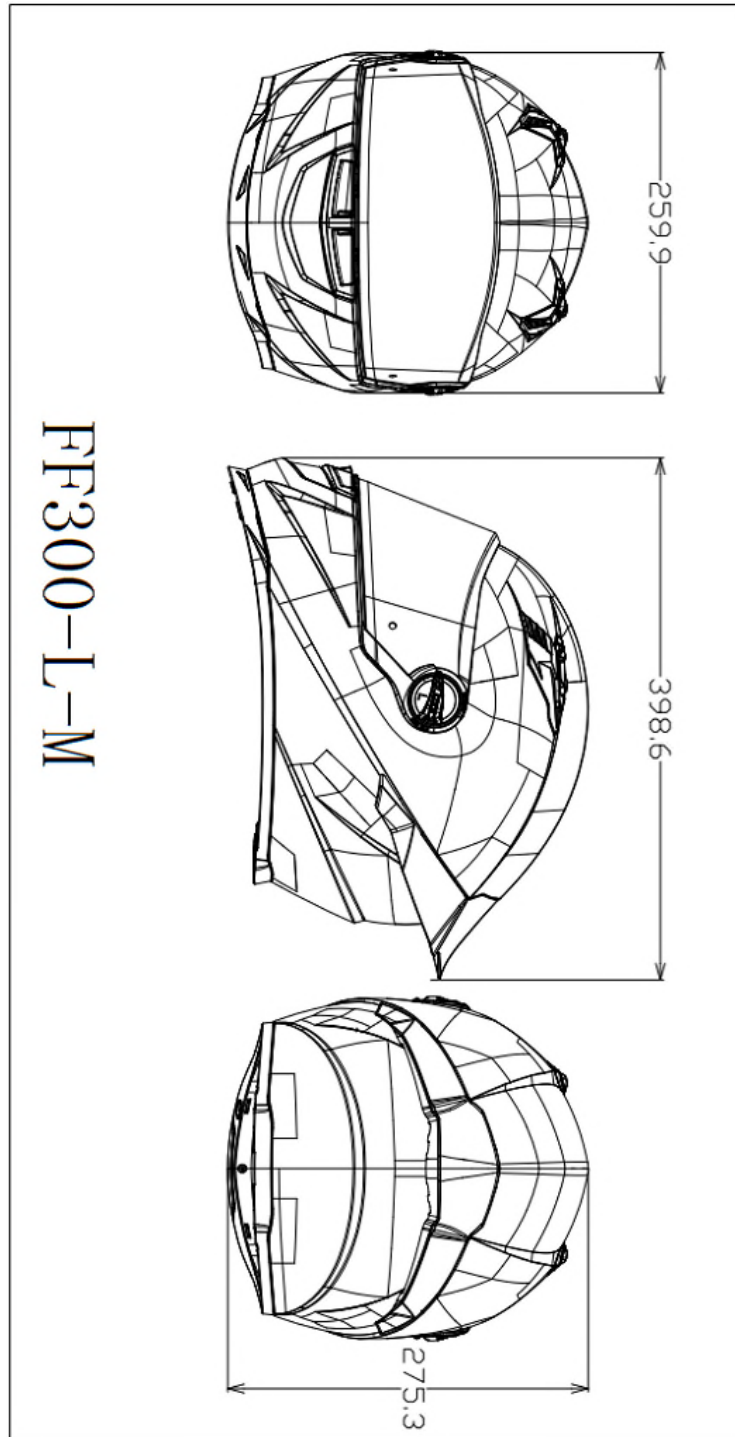
| | | |
|-------------|-----------------|--|
| DRW. | FF358-07 | Version 2: Helmet section view (for SIZE XXXL-XL) |
|-------------|-----------------|--|

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| | Type | FF358 |
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Unit:mm

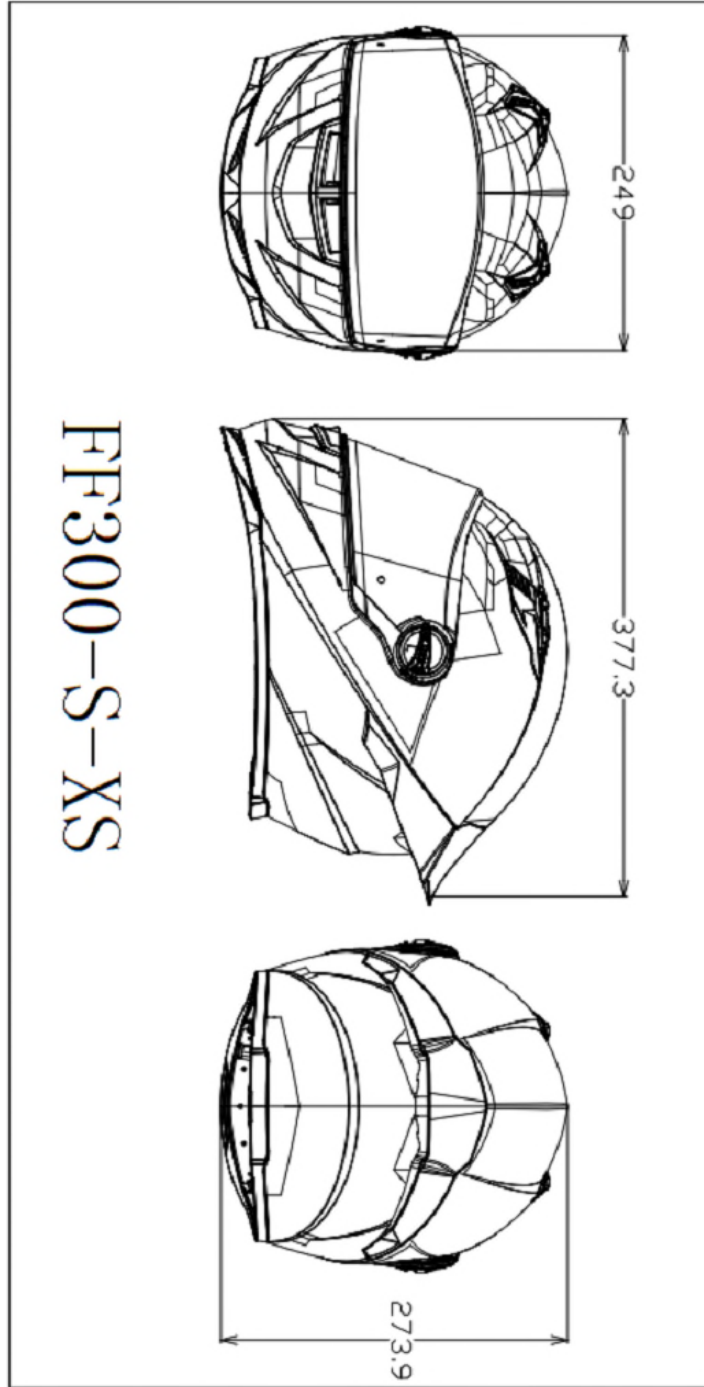
| | | |
|------|----------|--|
| DRW. | FF358-08 | Version 2: Helmet section view (for SIZE L-M) |
|------|----------|--|

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| | Type | FF358 |
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Unit:mm

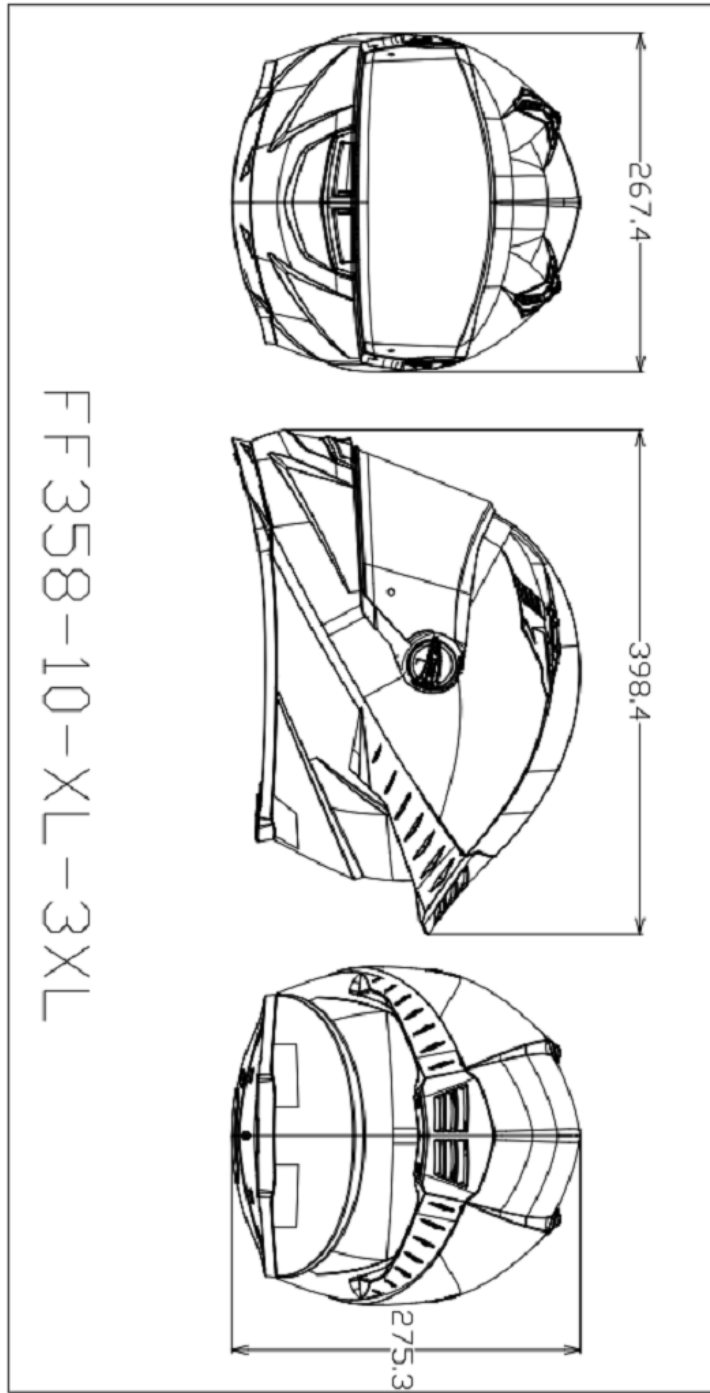
| | | |
|-------------|-----------------|---|
| DRW. | FF358-09 | Version 2: Helmet section view (for SIZE S-XS) |
|-------------|-----------------|---|

| | | |
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| | Type | FF358 |
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Unit:mm

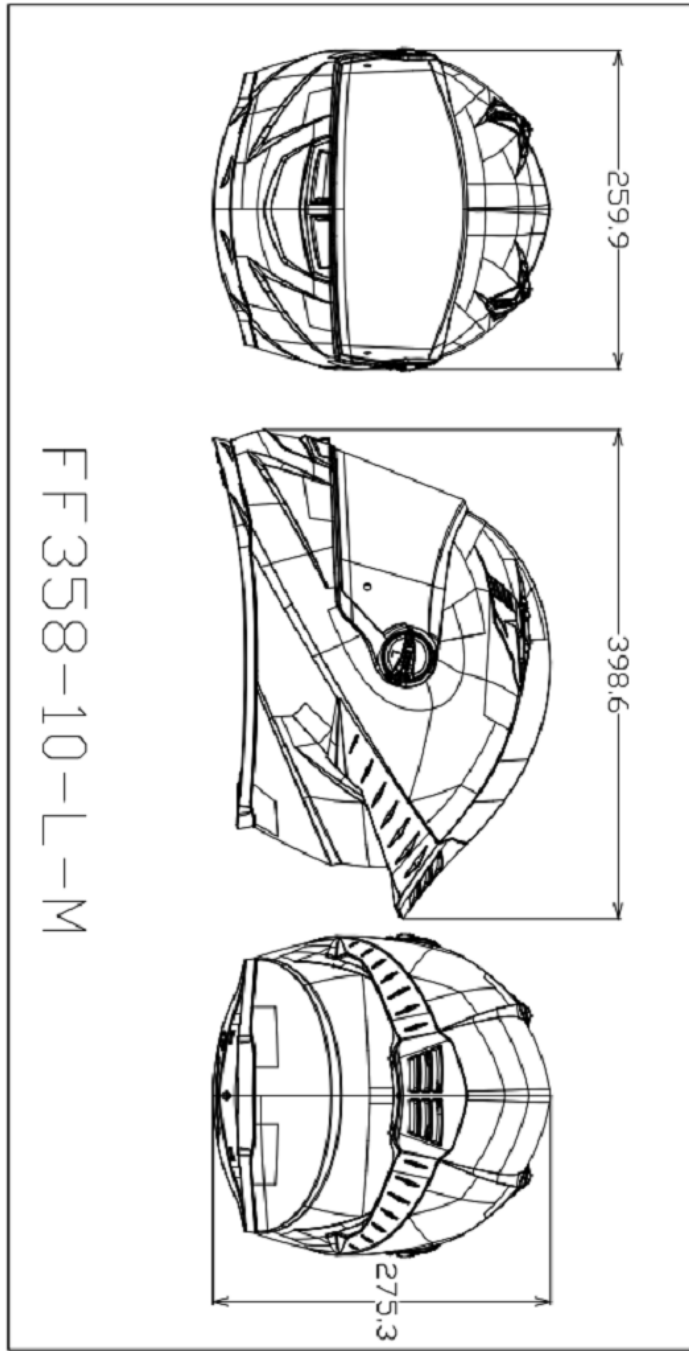
| | | |
|-------------|-----------------|--|
| DRW. | FF358-10 | Version 3: Helmet section view (for SIZE XXXL-XL) |
|-------------|-----------------|--|

| | | |
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| | Type | FF358 |
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Unit:mm

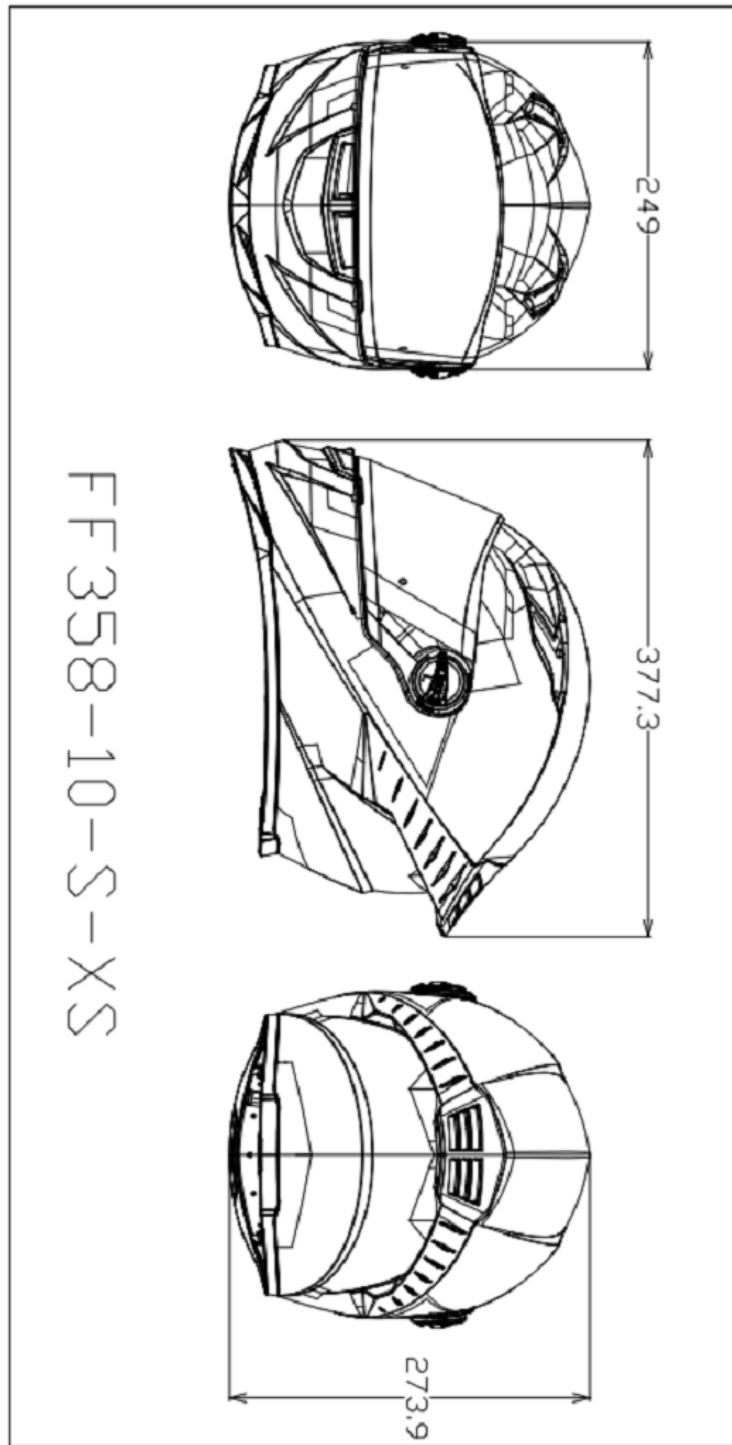
| | | |
|------|----------|--|
| DRW. | FF358-11 | Version 3: Helmet section view (for SIZE L-M) |
|------|----------|--|

| | | |
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| | Type | FF358 |
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Unit:mm

| | | |
|-------------|-----------------|---|
| DRW. | FF358-12 | Version 3: Helmet section view (for SIZE S-XS) |
|-------------|-----------------|---|

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| | Type | FF358 |
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Dimension and weight

1. Dimension of the shell:

Version 1:

| SIZE | Length (mm) | Width (mm) | Height (mm) |
|---------|-------------|------------|-------------|
| XXXL-XL | 267.4 | 356.5 | 275.3 |
| L-M | 259.9 | 356.2 | 275.3 |
| S-XS | 249 | 344.2 | 273.9 |

Version 2:

| SIZE | Length (mm) | Width (mm) | Height (mm) |
|---------|-------------|------------|-------------|
| XXXL-XL | 267.4 | 397.5 | 275.3 |
| L-M | 259.9 | 398.6 | 275.3 |
| S-XS | 249 | 377.3 | 273.9 |

Version 3:

| SIZE | Length (mm) | Width (mm) | Height (mm) |
|---------|-------------|------------|-------------|
| XXXL-XL | 267.4 | 398.4 | 275.3 |
| L-M | 259.9 | 398.6 | 275.3 |
| S-XS | 249 | 377.3 | 273.9 |

2. Total weight of the helmet:

Version 1: FF358:

| Size | Weight (g) | Tolerance (g) |
|------|------------|---------------|
| XS | 1300 | ±50 |
| S | 1300 | ±50 |
| M | 1450 | ±50 |
| L | 1500 | ±50 |
| XL | 1450 | ±50 |
| XXL | 1450 | ±50 |
| XXXL | 1450 | ±50 |

| | | |
|--|------|----------|
| | Type | FF358 |
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Version 2: FF300:

| Size | Weight (g) | Tolerance (g) |
|------|------------|---------------|
| XS | 1300 | ±50 |
| S | 1300 | ±50 |
| M | 1450 | ±50 |
| L | 1500 | ±50 |
| XL | 1450 | ±50 |
| XXL | 1450 | ±50 |
| XXXL | 1450 | ±50 |

Version 3: FF358-10:

| Size | Weight (g) | Tolerance (g) |
|------|------------|---------------|
| XS | 1300 | ±50 |
| S | 1300 | ±50 |
| M | 1450 | ±50 |
| L | 1500 | ±50 |
| XL | 1450 | ±50 |
| XXL | 1450 | ±50 |
| XXXL | 1450 | ±50 |

3. Specific gravity of the impact absorption liner

| Size | Specific gravity of Main Size Liner (kg/m ³) | Specific gravity of Chin Liner (kg/m ³) | Specific gravity of Top Crown Liner (kg/m ³) |
|------|--|---|--|
| XS | 35 | 50 | 30 |
| S | 40 | 55 | 30 |
| M | 40 | 50 | 30 |
| L | 55 | 55 | 40 |
| XL | 60 | 65 | 40 |
| XXL | 60 | 65 | 40 |
| XXXL | 60 | 65 | 40 |

| | | |
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| | Type | FF358 |
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Impact absorption material thickness in millimeter, SHELL

| Size | Section B-Point | Section P-Point | Section R-Point | Section X-Point | Lower Face cover |
|------|-----------------|-----------------|-----------------|-----------------|------------------|
| XS | 2.5 | 2.5 | 2.5 | 2.5 | 2.0 |
| S | 2.5 | 2.5 | 2.5 | 2.5 | 2.0 |
| M | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| L | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| XL | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| XXL | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| XXXL | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |

Impact absorption material thickness in millimeter, EPS

| Size | Section B-Point | Section P-Point | Section R-Point | Section X-Point | Section S-Point |
|------|-----------------|-----------------|-----------------|-----------------|-----------------|
| XS | 45.2 | 46 | 45.5 | 40 | 22.4 |
| S | 41 | 40.5 | 41.6 | 37.6 | 22.4 |
| M | 42.3 | 39.5 | 41.6 | 38.3 | 21 |
| L | 43.6 | 42.4 | 41.1 | 37.5 | 21 |
| XL | 41.6 | 43.5 | 39 | 35.9 | 18 |
| XXL | 41.6 | 43.5 | 39 | 35.9 | 18 |
| XXXL | 41.6 | 43.5 | 39 | 35.9 | 18 |

Impact absorption material thickness in millimeter, LINING

| Size | Section B-Point | Section P-Point | Section R-Point | Section X-Point | Side Part Lining |
|------|-----------------|-----------------|-----------------|-----------------|------------------|
| XS | 14 | 14 | 14 | 10 | 10 |
| S | 12 | 12 | 12 | 10 | 8 |
| M | 8 | 8 | 8 | 8 | 10 |
| L | 12 | 12 | 12 | 10 | 8 |
| XL | 8 | 8 | 8 | 8 | 10 |
| XXL | 8 | 8 | 8 | 8 | 8 |
| XXXL | 8 | 8 | 8 | 8 | 8 |

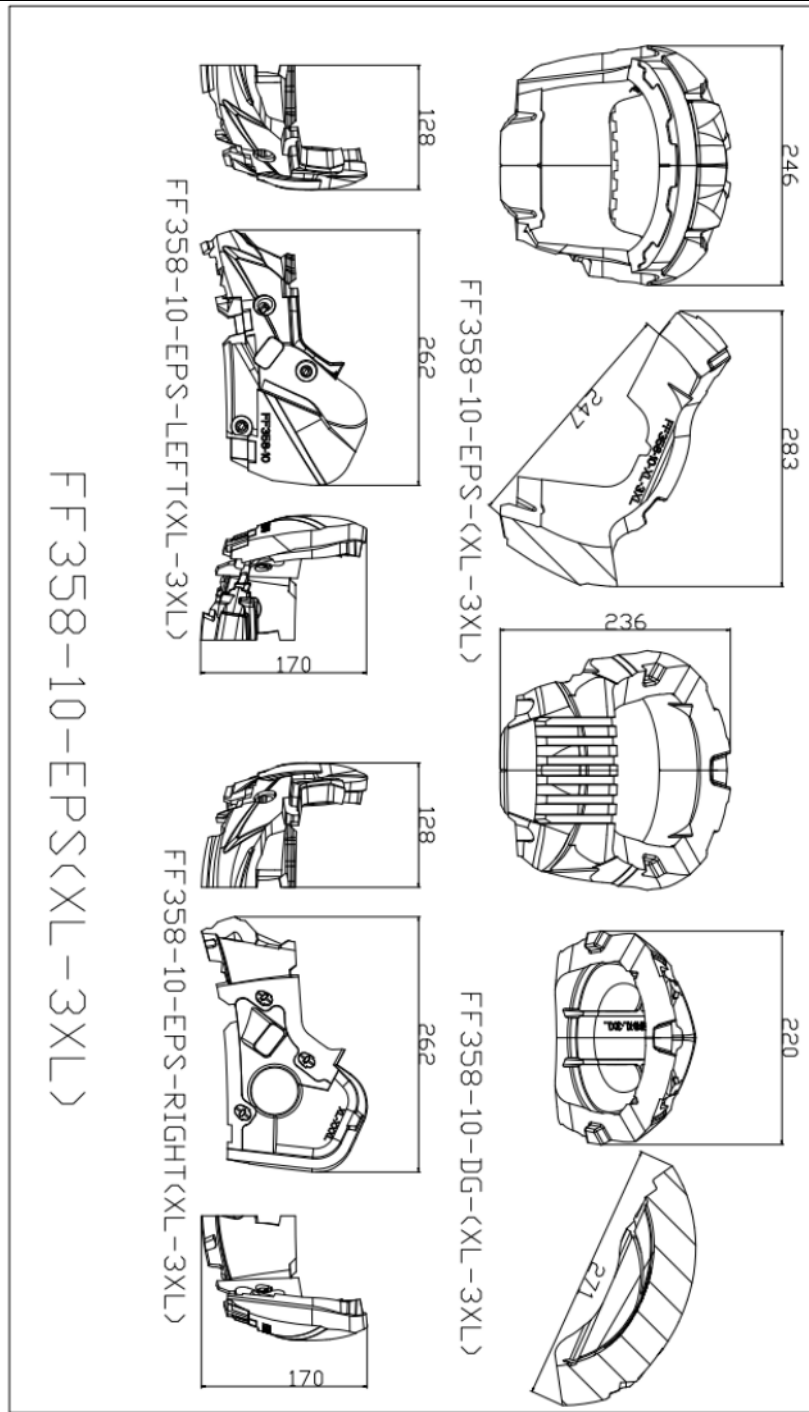
Type FF358

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Unit:mm

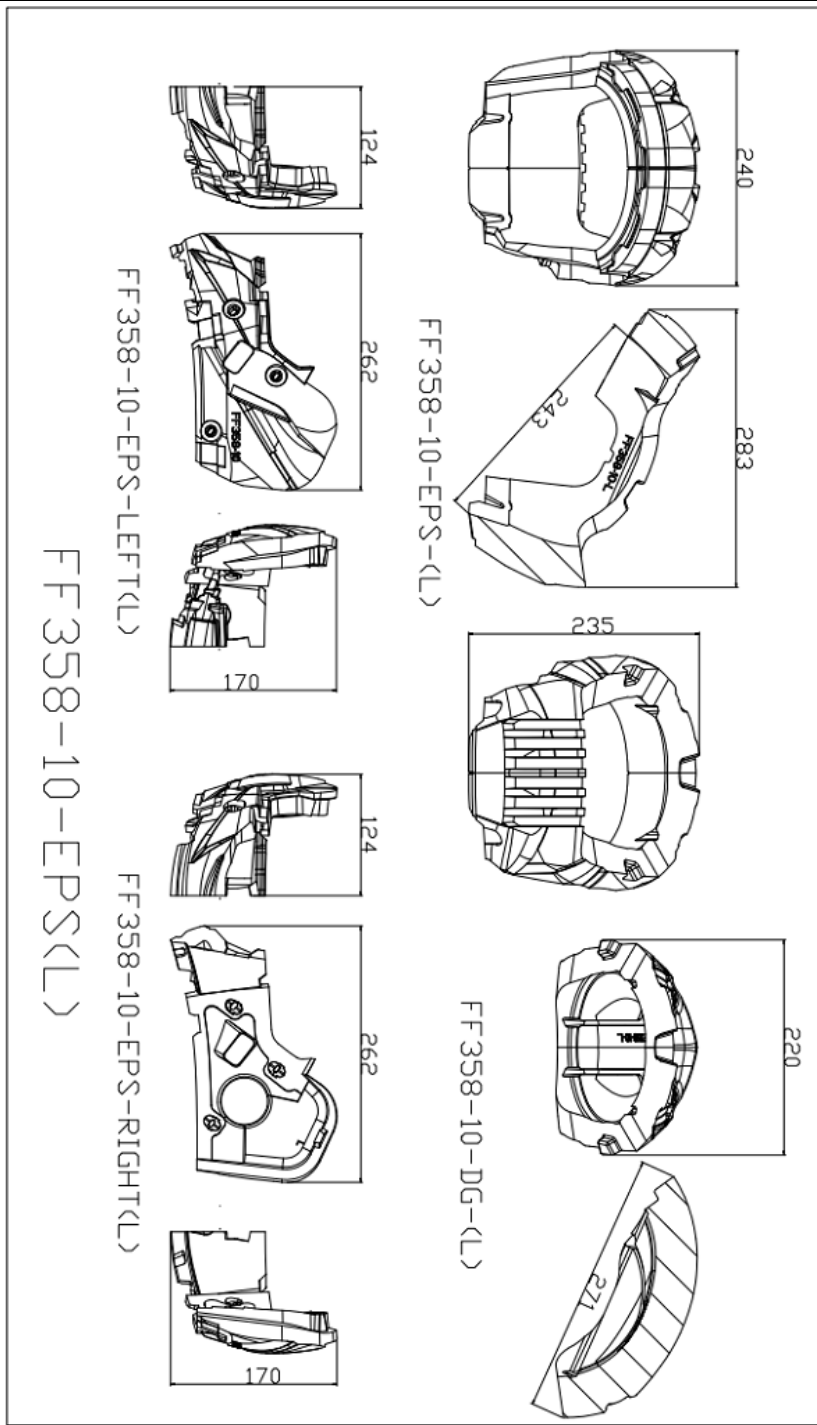
| | | | |
|--|-------------|-----------------|---|
| | DRW. | FF358-13 | EPS details (for SIZE XL-XXXL) |
|--|-------------|-----------------|---|

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|--|--|---------------|
| | | Type FF358 |
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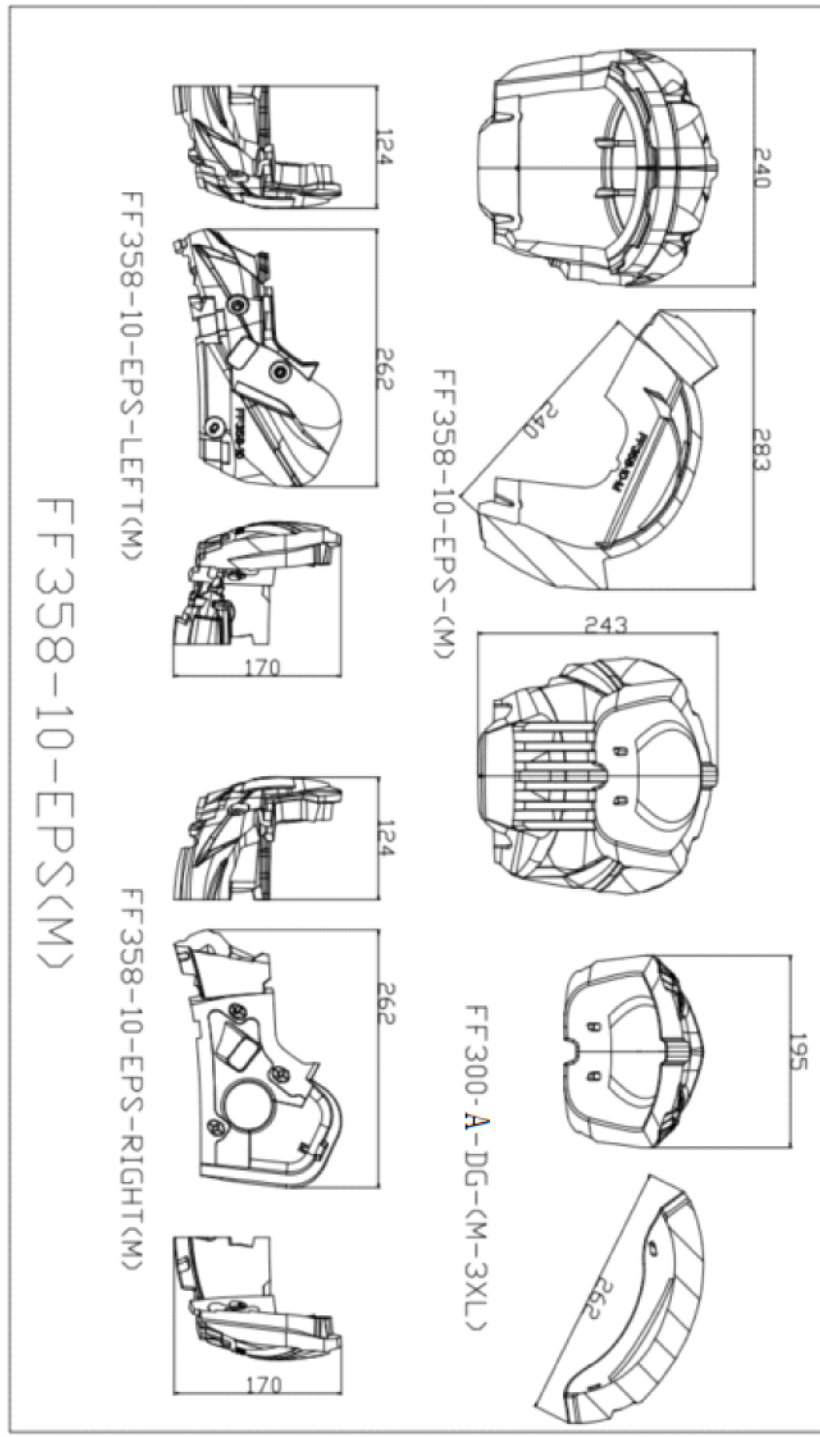
Unit:mm

| | | | |
|--|-------------|-----------------|-------------------------------------|
| | DRW. | FF358-14 | EPS details (for SIZE L) |
|--|-------------|-----------------|-------------------------------------|

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| | Type | FF358 |
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Unit:mm

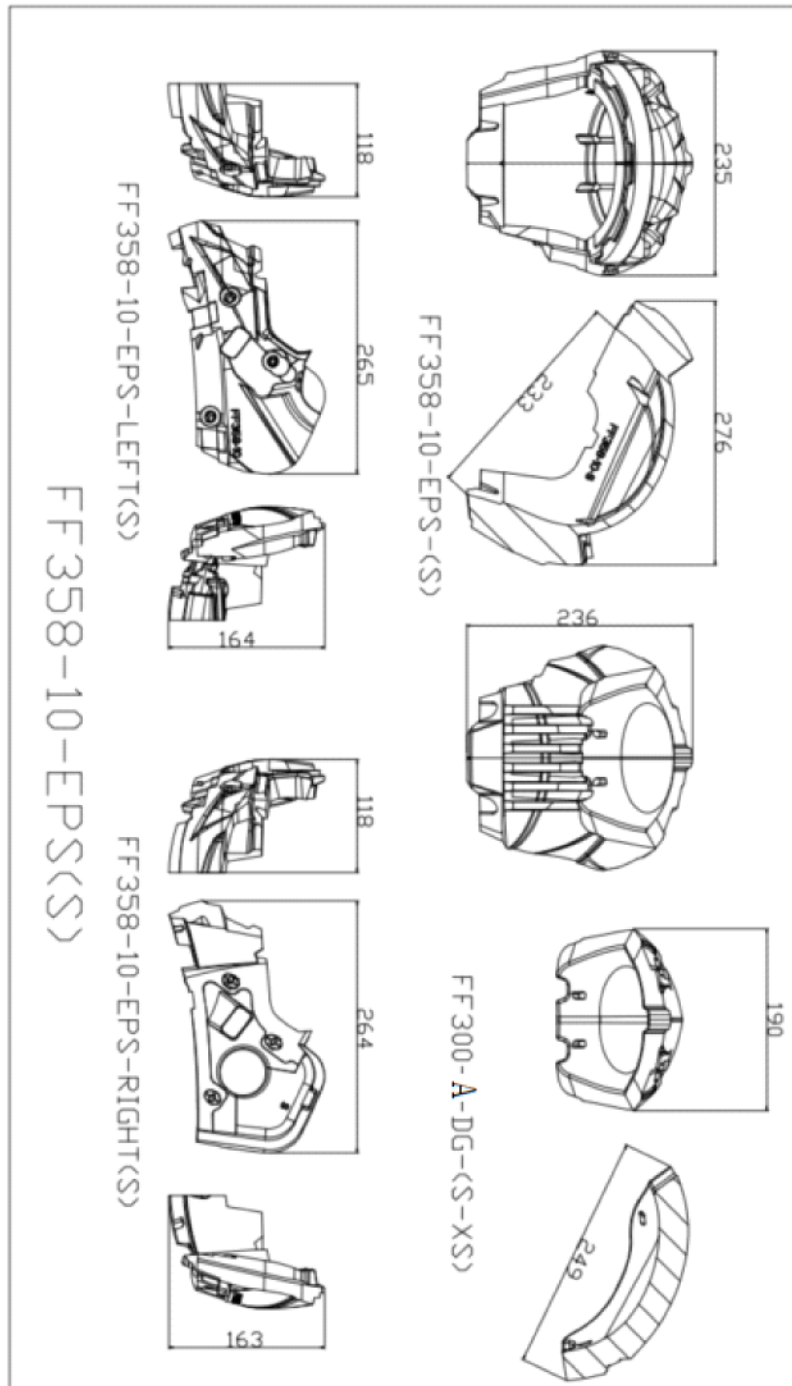
| | | |
|------|----------|-----------------------------|
| DRW. | FF358-15 | EPS details (for SIZE M) |
|------|----------|-----------------------------|

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| | Type | FF358 |
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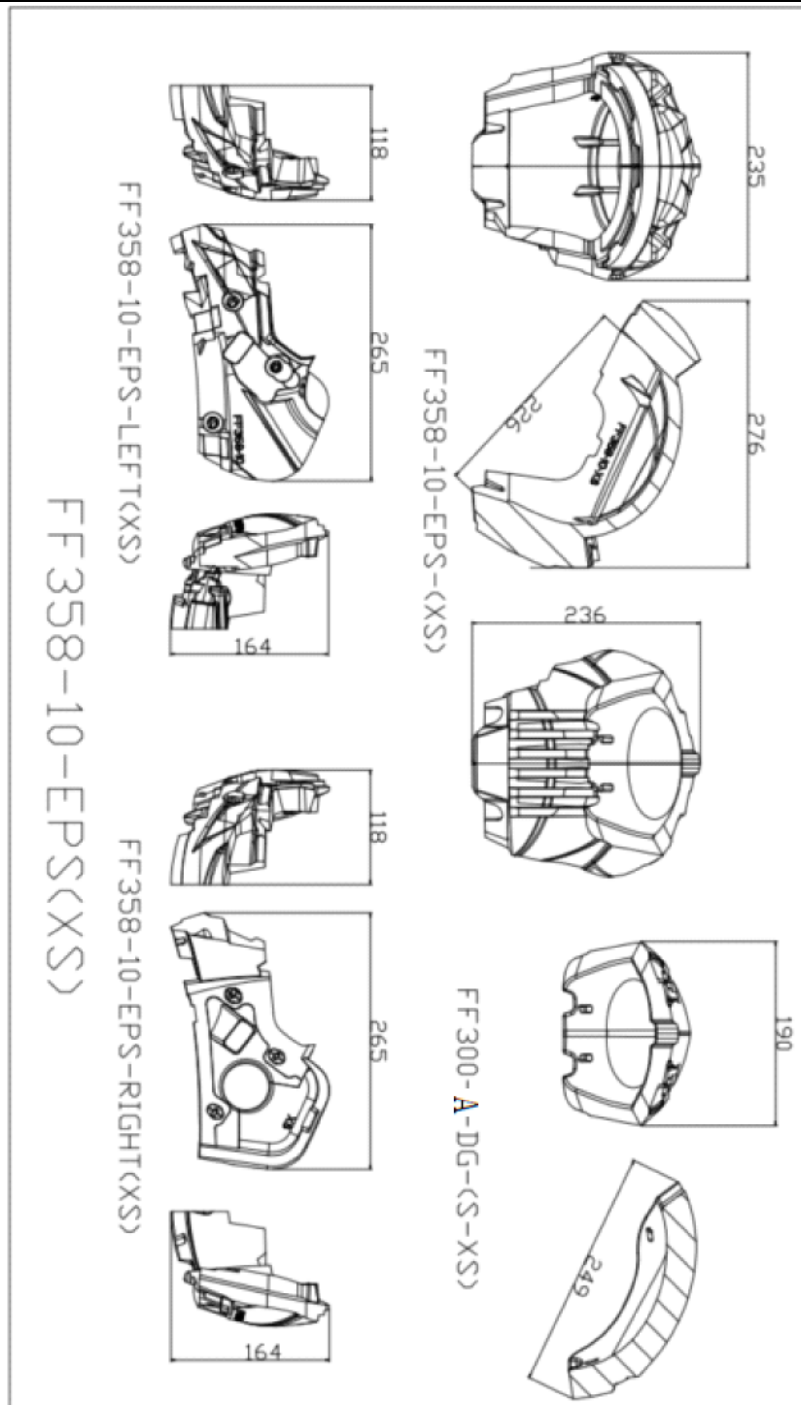
Unit:mm

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|------|----------|-----------------------------|
| DRW. | FF358-16 | EPS details (for SIZE S) |
|------|----------|-----------------------------|

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| | Type | FF358 |
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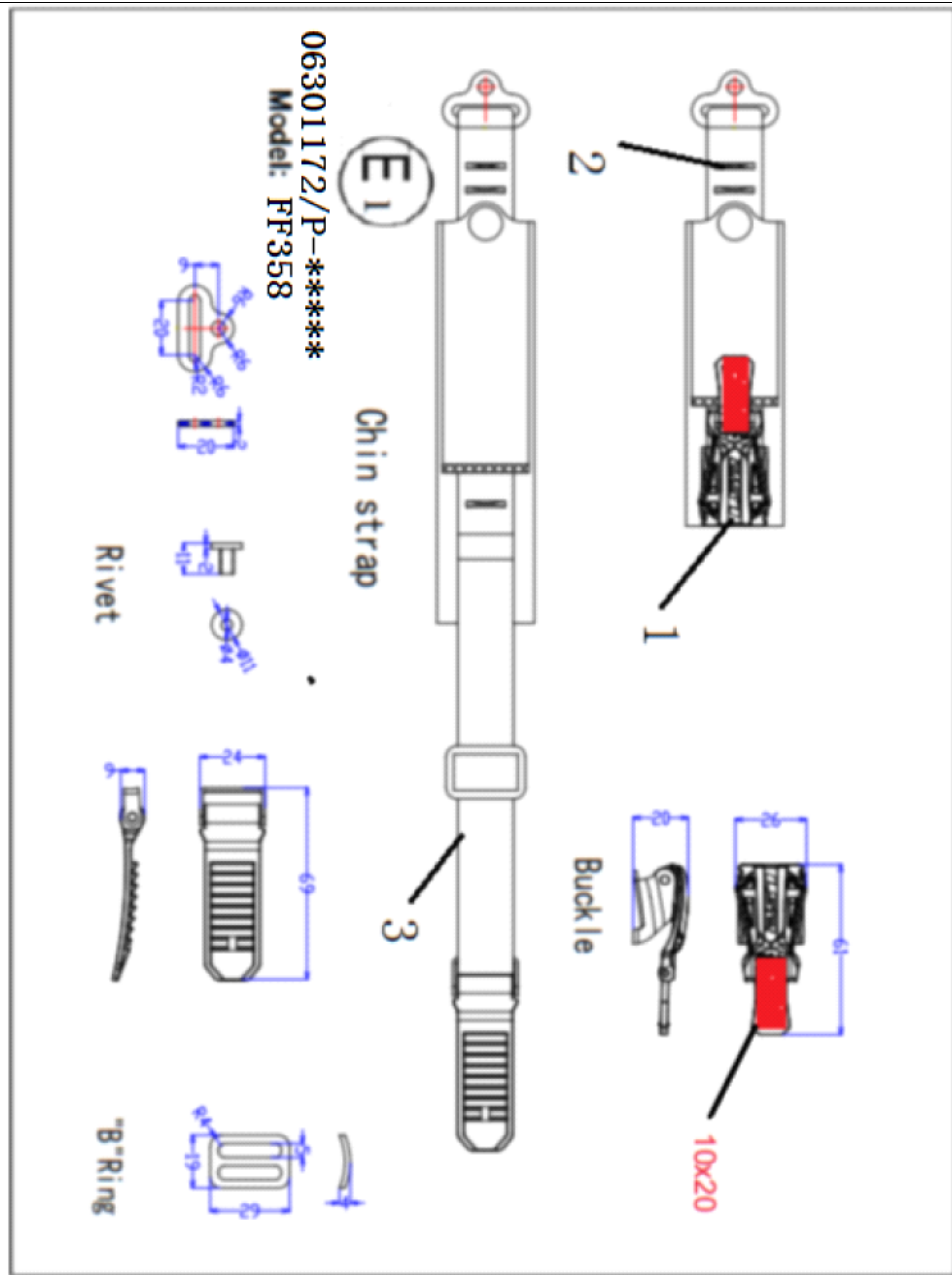
Unit:mm

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|--|-------------|-----------------|--------------------------------------|
| | DRW. | FF358-17 | EPS details (for SIZE XS) |
|--|-------------|-----------------|--------------------------------------|

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| | Type | FF358 |
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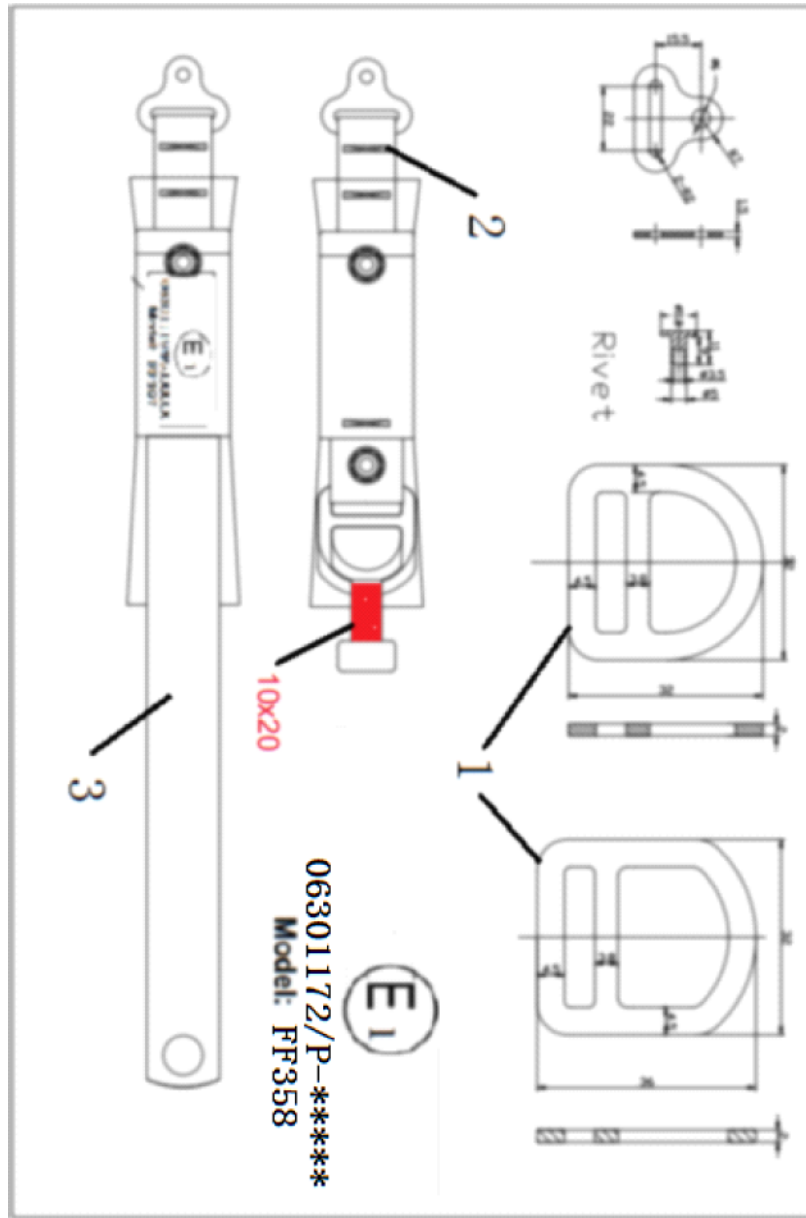
| Part No. | Subject or name | Material |
|----------|-----------------|---|
| 1 | Buckle | No.22 buckle |
| 2 | Sewing Line | Nylon |
| 3 | Chin strap | Nylon |
| | DRW. | FF358-18 |
| | | Retention system (with No.22 buckle) |

| | | |
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| | Type | FF358 |
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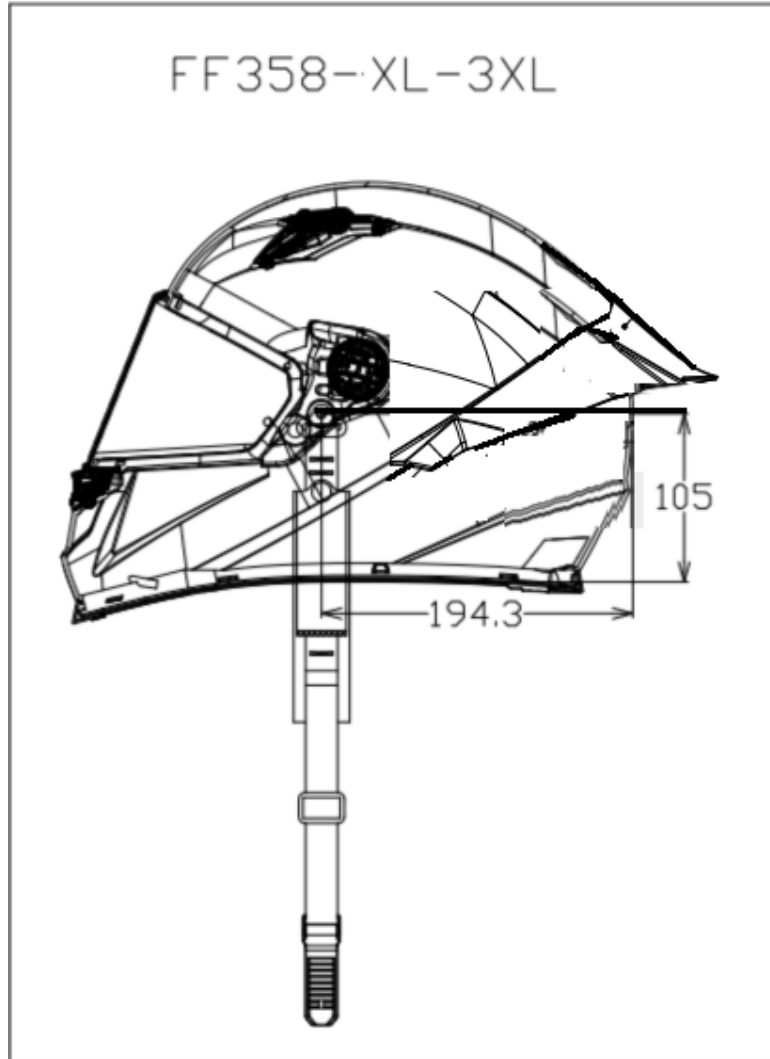
| Part No. | Subject or name | Material |
|----------|-----------------|--|
| 1 | Buckle | Double D Ring |
| 2 | Sewing Line | Nylon |
| 3 | Chin strap | Nylon |
| | DRW. | FF358-19 |
| | | Retention system (with Double D Ring) |

| | | |
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| | Type | FF358 |
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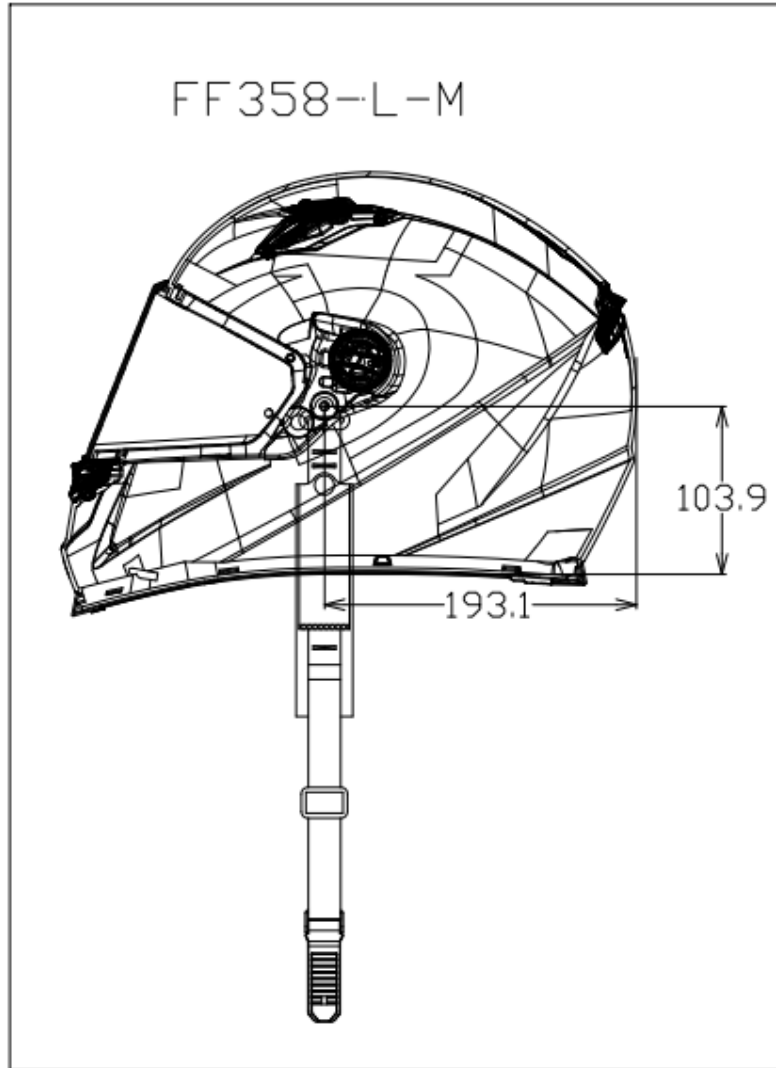
R22 E1*22R06/02*301172*00

| | | | |
|--|------|----------|---|
| | DRW. | FF358-20 | Retention system position (for SIZE XL-XXXL) |
|--|------|----------|---|

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| | Type | FF358 |
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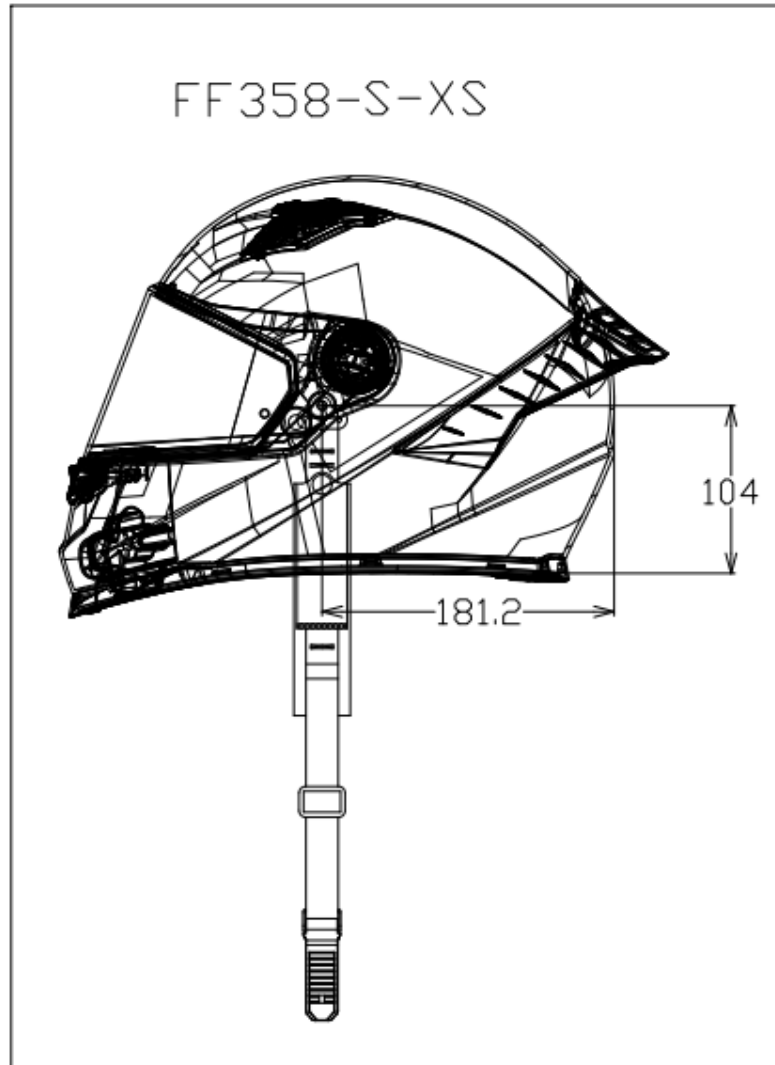


Unit:mm

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|--|------|----------|---|
| | DRW. | FF358-21 | Retention system position (for SIZE L-M) |
|--|------|----------|---|

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| | Type | FF358 |
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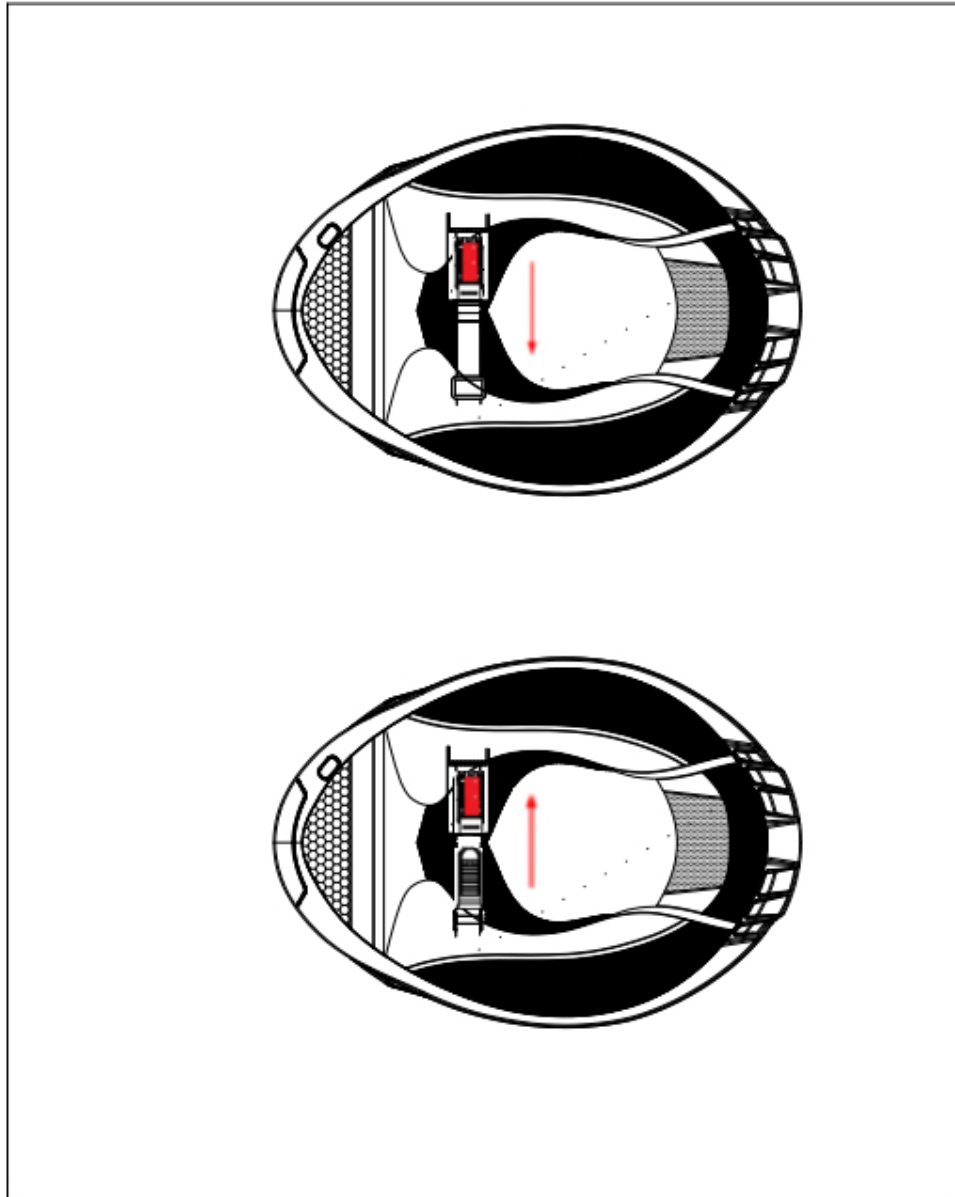


Unit:mm

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|--|------|----------|--|
| | DRW. | FF358-22 | Retention system position (for SIZE S-XS) |
|--|------|----------|--|

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| | Type | FF358 |
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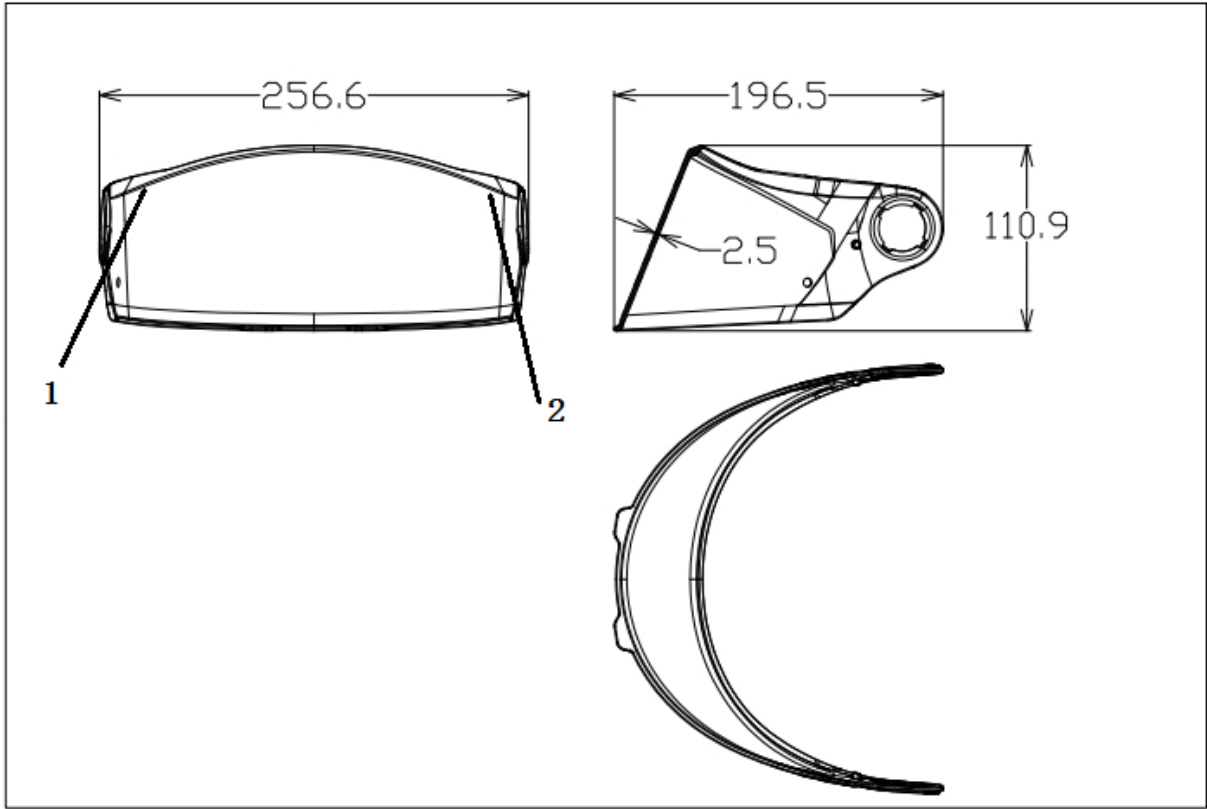
DRW.

FF358-23

Retention system operation

Type FF358

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LS2



06301173 - XXXX $\overset{a}{\text{min}}$

FF-MHR-113

a = 8 mm min.

1

2

DRW.

FF358-24

Drawing and details for Visor

| | | |
|--|------|----------|
| | Type | FF358 |
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06301172 / P-XXXXX

Model: FF358

a = 8 mm min.

DRW.

FF358-25

Approval marking(s)

| | | |
|--|------|----------|
| | Type | FF358 |
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| | | |
|------|----------|------------------|
| DRW. | FF358-26 | Label marking(s) |
|------|----------|------------------|

| | | |
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Weight Size Model label: contains product weight and size.

| | | |
|------|----------|------------------|
| DRW. | FF358-27 | Label marking(s) |
|------|----------|------------------|

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| | Type | FF358 |
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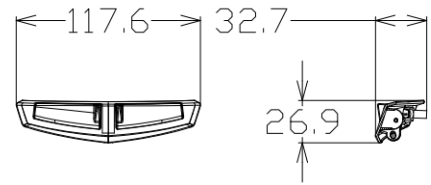
R22 E1*22R06/02*301172*00

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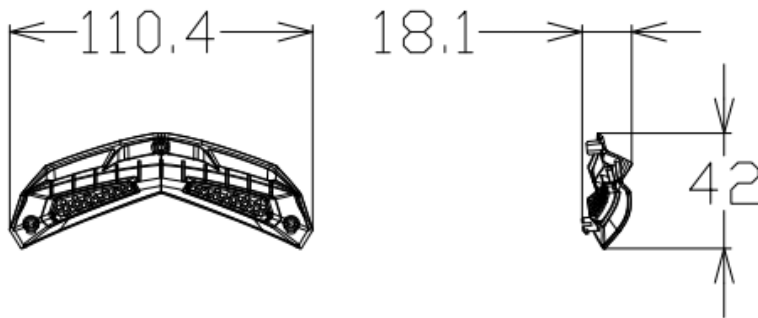
Application date: May 01, 2024



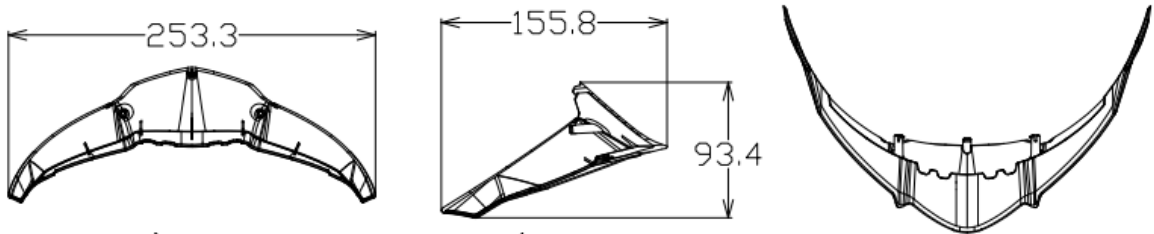
Front vent



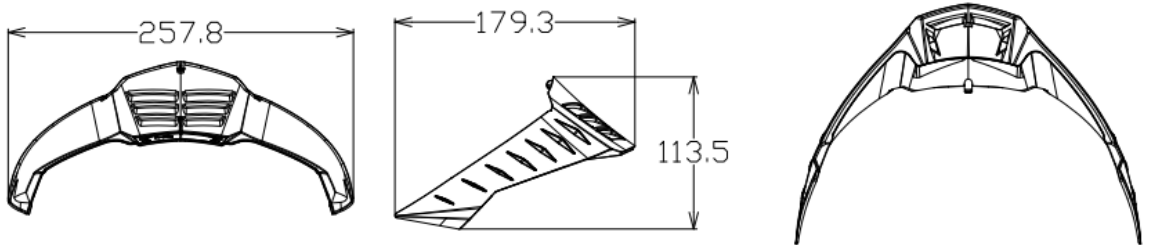
Mouth vent



Version 1: Back vent



Version 2: Back vent



Version 3: Back vent

| | | |
|-------------|-----------------|-----------------------|
| DRW. | FF358-28 | Accessories(s) |
|-------------|-----------------|-----------------------|

| | |
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| Type | FF358 |
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| | | |
|------|----------|--|
| DRW. | FF358-29 | Helmet assembly pictures Version 1: FF358 |
|------|----------|--|

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|------|----------|--|
| DRW. | FF358-30 | Helmet assembly pictures Version 2: FF300 |
|------|----------|--|

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| | | |
|------|----------|---|
| DRW. | FF358-31 | Helmet assembly pictures Version 3: FF358-10 |
|------|----------|---|

| | | |
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| | Type | FF358 |
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