



Kraftfahrt-Bundesamt

DE-24932 Flensburg



MITTEILUNG

ausgestellt von:

Kraftfahrt-Bundesamt

über die Erweiterung einer Genehmigung für einen Schutzhelmtyp mit mehreren Visiertyp(en) nach der Regelung Nr. 22 einschließlich Änderung Nr. 06 Ergänzung 01

COMMUNICATION

issued by:

Kraftfahrt-Bundesamt

concerning the extension of an approval of a type of protective helmet with more visor type(s) pursuant to Regulation No. 22 including amendment No. 06 supplement 01

Genehmigungsnummer: **E1*22R06/01*300877*01**

Approval number:

1. Fabrik- oder Handelsmarke:
Trade name or mark:
FASEED, CAFE RACER, ARC, AREX, FSD, FTR, GT, GERMOT, GPR, TRAX, HEVO, HYPE, HYP HELMETS, JPX HELMET, JP HELMET, KARTTECH, LOGAN, NAXA, NAU, NORISK, NOS, NOX, NOX PREMIUM, PROGRIP, PROTECTWEAR, SEC, SHOT, SHOT RACE GEAR, STORMER, WAYSCRAL, W-TEC, ROCKOT, AVX, AWAX, AMX, TYTAN, CKX, GIVI, KAPPA, MAXX, ZOX, SPADA, VOSS, WULF, MTR, IXS, BOGOTTO, RYO, RYZEN, EVO, SLINE, SWAP'S, ASTONE, MAXXE, PANTHERA, TURN ONE, XRC, HEY, COURSE, SWAY, TECHX2, KOMINE, KHI, RXT, CGM, C6M, UFO, VITO, ILM, ALL ONE, ACERBIS, ACERBIS ITALIA SPA, SHAFT, UNIK, ROCC, BAYARD, BAYARD HELMETS, FXR, FXR Racing, KENNY, PULL-IN, KSK, EOLE, GPA, GPA PURE, ONE, TROPHY, SEAT MO, STR, ZEN, OMP, DAKAR, UFO PLAST ITALY SRL





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Genehmigungsnummer: **E1*22R06/01*300877*01**

Approval Number:

2. Typ:
Type:
FS-X60
3. Größen:
Sizes:
**XS 53-54, S 55-56, M 57-58,
L 59-60, XL 61-62, XXL 63-64**
4. Name des Herstellers:
Manufacturer's name:
**JIANGYIN DAFEIMA AUTOMOBILE TECHNOLOGY CO., LTD.
CN-Huaxi Village V, Huashi Town, Jiangyin 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 Gesichtsabdeckung (P)**
Helmet with protective lower face cover (P)
10. Visiertyp oder Visiertypen:
Type of visor or visors:
**FS-X60-V
E1 R22 06300878

SV-2
E1 R22 06300879**





Kraftfahrt-Bundesamt

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Genehmigungsnummer: **E1*22R06/01*300877*01**

Approval Number:

11. Kurze Beschreibung des Visiers oder der Visiere:
Brief description of visor(s):
Siehe Anlagen
See enclosures
12. Zur Genehmigung vorgelegt am:
Submitted for approval on:
08.08.2022
13. 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
14. Datum des Gutachtens des Technischen Dienstes:
Date of report issued by that service:
04.08.2022
15. Nummer des Gutachtens des Technischen Dienstes:
Number of report issued by that service:
85-R22-660/22-00
16. Bemerkung(en):
Remark(s):
Handelsbezeichnung(en):
General commercial description(s):
FS-X60, KV30, SX-1 EVO, XM6, 666, FLIP FS-606,
SH-MX380DV, MARS DV, MARS, CX-50 S, OCTANE X,
ARIES
17. Die Genehmigung wird **erweitert**
Approval is **extended**





Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Genehmigungsnummer: **E1*22R06/01*300877*01**

Approval Number:

18. Ort: **DE-24932 Flensburg**
Place:

19. Datum: **11.08.2022**
Date:

20. Unterschrift: **Im Auftrag**
Signature:

D St
(D Stieglitz)



21. 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*22R06/01*300877*01

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:
JIANGYIN DAFEIMA AUTOMOBILE TECHNOLOGY CO., LTD.
CN-Huaxi Village V, Huashi Town, Jiangyin City
2. Datum der Anfangsbewertung:
Date of the initial assessment:
07.03.2016
3. Datum aller durchgeführten Überwachungstätigkeiten:
Date of any surveillance activities:
Aktenzeichen Datum der Begehung Genehmigungsnummer
Register number Date of inspection Approval number

CoP-Q:
Entfällt
Not applicable

CoP-P:
P-501881 03.09.2018 05300580
P-503475 03.03.2022 E1*22R05/03*300761*01





Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1*22R06/01*300877*01**
To:

Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **06.12.2021**
Date of issue:

Letztes Änderungsdatum: **11.08.2022**
Last date of amendment:

Nebenbestimmungen und Rechtsbehelfsbelehrung
Collateral clauses and instruction on right to appeal

Prüfbericht(e) Nr.:
Test report(s) No.:
85-R22-568/21-00
85-R22-660/22-00

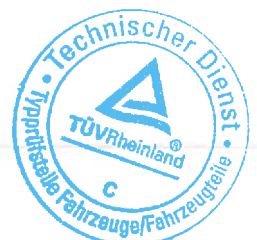
Datum:
Date:
30.11.2021
04.08.2022

Beschreibungsbogen Nr.:
Information document No.:
FASEED-FS-X60-00
FASEED-FS-X60-01

Datum:
Date:
15.11.2021
03.08.2022

Liste der Änderungen:
List of modifications:
Siehe Prüfbericht: "List of modifications"
See test report: "List of modifications"

Datum:
Date:
04.08.2022





Kraftfahrt-Bundesamt

DE-24932 Flensburg

Nummer der Genehmigung: **E1*22R06/01*300877*01**

- 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

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Approval No.: **E1*22R06/01*300877*01**

- 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**.



Test Report No. 85-R22-660/22-00

Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology
Co., Ltd.**TEST REPORT**

according to

UN-R 22Uniform 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. 1**For the Type Approval of:**

- ☐ Helmet + Visor
- ☒ Helmet
- ☐ Visor

Approval StatusUN-approval : E1*22R06/00*300877*00

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 : FS-X60

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.

0. General information

 0.1. Make (trade name of the manufacturer) : FASEED, CAFE RACER, ARC, AREX, FSD, FTR, GT, GERMOT, GPR, TRAX, HEVO, HYPE, HYP HELMETS, JPX HELMET, JP HELMET, KARTTECH, LOGAN, NAXA, NAU, NORISK, NOS, NOX, NOX PREMIUM, PROGRIP, PROTECTWEAR, SEC, SHOT, SHOT RACE GEAR, STORMER, WAYSCRAL, W-TEC, ROCKOT, AVX, AWAX, AMX, TYTAN, CKX, GIVI, KAPPA, MAXX, ZOX, SPADA, VOSS, WULF, MTR, IXS, BOGOTTO, RYO, RYZEN, EVO, SLINE, SWAP'S, ASTONE, MAXXE, PANTHERA, TURN ONE, XRC, HEY, COURSE, SWAY, TECHX2, KOMINE, KHI, RXT, CGM, C6M, UFO, VITO, ILM, ALL ONE, ACERBIS, ACERBIS ITALIA SPA, SHAFT, UNIK, ROCC, BAYARD, BAYARD HELMETS, FXR, FXR Racing, KENNY, PULL-IN, KSK, EOLE, GPA, GPA PURE, ONE, TROPHY, SEAT MO, STR, ZEN, OMP, DAKAR, UFO PLAST ITALY SRL

 0.2. Type : FS-X60
 Commercial description(s) : FS-X60, KV30, SX-1 EVO, XM6, 666, FLIP FS-606, SH-MX380DV, MARS DV, MARS, CX-50 S, OCTANE X, ARIES

Version(s) : —

0.3. Helmet category : see appendix L, item 9

 0.4. Name and address of the manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.
 No.207, West Luh Road, Huaxi Five Village,
 Huashi Town, Jiangyin, Jiangsu, China

 0.5. No. of the information document : FASEED-FS-X60-00
FASEED-FS-X60-01

Date of issue : November 15, 2021

Date of last change : August 03, 2022

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

Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

-
- 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 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 : October 27, 2021
August 03, 2022
- 2.4. Remarks : without

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Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology
Co., Ltd.

3. Appendices

Appendix O	List of modifications
Appendix L	Technical description of type and Communication concerning the UN-approval
Appendix 1	Test minutes
Information document	FASEED-FS-X60-01 (22 pages)

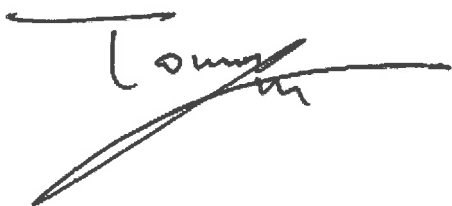
4. Statement of conformity

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 04, 2022

TYT

M.S. Tony Yan
Technical Expert Technical Service

Type : FS-X60**Manufacturer** : Jiangyin Dafeima Automobile Technology
Co., Ltd.**Appendix 0****List of modifications**

Correction of	:	-
Modification of	:	Standard supplement number
Addition of	:	Trademarks and commercial description
Deletion of	:	-

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Type : FS-X60

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.

Communication concerning the type approval

Appendix L

- 1 Trade name or mark : FASEED, CAFE RACER, ARC, AREX, FSD, FTR, GT, GERMOT, GPR, TRAX, HEVO, HYPE, HYP HELMETS, JPX HELMET, JP HELMET, KARTTECH, LOGAN, NAXA, NAU, NORISK, NOS, NOX, NOX PREMIUM, PROGRIP, PROTECTWEAR, SEC, SHOT, SHOT RACE GEAR, STORMER, WAYSCRAL, W-TEC, ROCKOT, AVX, AWAX, AMX, TYTAN, CKX, GIVI, KAPPA, MAXX, ZOX, SPADA, VOSS, WULF, MTR, IXS, BOGOTTO, RYO, RYZEN, EVO, SLINE, SWAP'S, ASTONE, MAXXE, PANTHERA, TURN ONE, XRC, HEY, COURSE, SWAY, TECHX2, KOMINE, KHI, RXT, CGM, C6M, UFO, VITO, ILM, ALL ONE, ACERBIS, ACERBIS ITALIA SPA, SHAFT, UNIK, ROCC, BAYARD, BAYARD HELMETS, FXR, FXR Racing, KENNY, PULL-IN, KSK, EOLE, GPA, GPA PURE, ONE, TROPHY, SEAT MO, STR, ZEN, OMP, DAKAR, UFO PLAST ITALY SRL
- 2 Type : FS-X60
- Commercial description(s) : FS-X60, KV30, SX-1 EVO, XM6, 666, FLIP FS-606, SH-MX380DV, MARS DV, MARS, CX-50 S, OCTANE X, ARIES
- Versions(s) : ---
- 3 Sizes : XS 53-54, S 55-56, M 57-58, L 59-60, XL 61-62, XXL 63-64
- 4 Manufacturer's name : Jiangyin Dafeima Automobile Technology Co., Ltd.
- 5 Address : No.207, West Luhua Road, Huaxi Five Village, Huashi Town, Jiangyin, Jiangsu, China
- 6 Name of manufacturer's representative (if any) : not applicable
- 7 Address : not applicable
- 8 Brief description of helmet : The integral-faced helmet FS-X60 is composed of ABS shell (Acrylonitrile-Butadiene-Styrene). The protective padding is made of one EPS (Expanded Poly Styrene) size liner, one EPS crown liner in the top area, two EPS side liners and one EPS chin liner. The adoption to the different head sizes is done by different thickness of the size liner, and different thickness of the comfort padding.
- The helmet is fitted with 2 visors with separate approvals.

Type : **FS-X60****Manufacturer** : **Jiangyin Dafeima Automobile Technology Co., Ltd.**

-
- | | | | |
|----|---------------------------------------|---|---|
| 9 | Helmet category | : | With protective lower face cover (P) |
| 10 | Type of visor or visors | : | FS-X60-V (E1 R22 06300878);
SV-2 (version of 606) (E1 R22 06300879) |
| 11 | Brief description of visor(s) | : | FS-X60-V: Clear visors, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.0 mm.
SV-2 (version of 606): Tinted visor, made of Polycarbonate (PC) with hardened coating on the surface, and a thickness of 2.0 mm. |
| 12 | Submitted for approval on | : | August 03, 2022 |
| 14 | Date of report issued by that service | : | August 04, 2022 |

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Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology 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 : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology 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 not equipped with retroreflective parts.
- 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.

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Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

6.15. Peripheral vision

Helmet Size	Testhead	horizontal angle min. 210°	upwards angle min. 7°	downwards angle min. 45°
XL 61-62	625	214	7	46

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	B	196	1595
Low Temp. (-10°C)	X	220	1899
	P	214	2094
	R	209	2003
	S	119	382
Helmet 2	B	142	923
High Temp. (+50°C)	X	154	1097
	P	146	1033
	R	151	1040
	S	---	---

Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., 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	B	201	1571
Low Temp. (-10°C)	X	223	1946
	P	233	2125
	R	182	1718
	S	84	204
Helmet 4	B	141	822
High Temp. (+50°C)	X	157	1200
	P	180	1164
	R	153	1006
	S	—	—

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

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 5	B	207	1578
Low Temp. (-10°C)	X	216	1805
	P	195	2009
	R	190	1751
	S	104	362
Helmet 6	B	123	789
High Temp. (+50°C)	X	131	891
	P	139	981
	R	141	908
	S	—	—

Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 7), Kerbstone (Helm. 8)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 7	B	213	1404
Low Temp. (-10°C)	X	255	2396
	P	198	2036
	R	202	1810
	S	107	418
Helmet 8	B	133	918
High Temp. (+50°C)	X	172	1289
	P	148	1034
	R	137	1099
	S	---	---

helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 9), Kerbstone (Helm. 10)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 9	B	224	1645
Low Temp. (-10°C)	X	249	2293
	P	206	2160
	R	215	1767
	S	133	568
Helmet 10	B	129	901
High Temp. (+50°C)	X	166	1213
	P	172	1279
	R	137	1119
	S	---	---

Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 11), Kerbstone (Helm. 12), Kerbstone (Helm. 13)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 11	B	206	1334
Ambient	X	234	2018
	P	194	1980
	R	206	2024
	S	---	---
Helmet 12	B	136	979
Ambient	X	172	1375
	P	143	1153
	R	144	1102
	S	---	---
Helmet 13	B	140	953
Artificial ageing	X	170	1305
	P	145	1055
	R	136	1132
	S	---	---

Low energy impact

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

helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 14)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 14	B	146	719
Ambient	X	178	1154
	P	147	1087
	R	166	1167
	S	---	---

Type : FS-X60

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.
High energy impact

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

 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 15)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 15	B	205	1587
Ambient	X	242	2444
	P	195	1968
	R	226	2321
	S	---	---

Extra point

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

 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 16), Kerbstone (Helm. 17)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 16	BXL	159	1029
Ambient	RXPL	145	1138
	RXR	205	1406
	BXPR	138	1137
Helmet 17	BXR	188	1399
Ambient	RXPR	231	2313
	RXL	198	1716
	BXPL	178	1601

Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

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

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)
XXL 63-64	longitudinal	14	5
	transversal	8	3

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 (with buckle)	535	28.6	9.6	--
XS 53-54 (with DD Ring)	535	30.3	10.8	--

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Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology 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 (with buckle)	535	13	Front to rear
XS 53-54 (with DD Ring)	535	12	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 (with buckle)	535	22	Rear to front
XS 53-54 (with DD Ring)	535	25	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
-----------	----------	------------------

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 : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology 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
625	AMB	45°	FLR	XXL 63-64	1938	0.31	--
625	AMB	45°	Rear	XXL 63-64	2932	0.36	--
625	AMB	45°	LL	XXL 63-64	3144	0.39	--
625	AMB	45°	Front	XXL 63-64	466	0.04	--
625	AMB	45°	RLR	XXL 63-64	3079	0.38	--

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Type : FS-X60

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

7.8 Visor tests

All values are within the limits of the regulation.

Mechanical characteristics [7.8.2.1.]

Helmet size	XXL
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*22R06/00*300878*00 and E1*22R06/00*300879*01

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Jiangyin Dafeima Automobile Technology Co., Ltd.

Information folder No. FASEED-FS-X60-01

Application date: August 03, 2022

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Type FS-X60

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Information folder No. FASEED-FS-X60-01

Application date: August 03, 2022

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

Reason for extension: addition of trademarks and commercial description; modification of regulation number.

1. Make (trade name or mark of the manufacturer)
 - : FASEED, CAFE RACER, ARC, AREX, FSD, FTR, GT, GERMOT, GPR, TRAX, HEVO, HYPE, HYP HELMETS, JPX HELMET, JP HELMET, KARTTECH, LOGAN, NAXA, NAU, NORISK, NOS, NOX, NOX PREMIUM, PROGRIP, PROTECTWEAR, SEC, SHOT, SHOT RACE GEAR, STORMER, WAYSCRAL, W-TEC, ROCKOT, AVX, AWAX, AMX, TYTAN, CKX, GIVI, KAPPA, MAXX, ZOX, SPADA, VOSS, WULF, MTR, IXS, BOGOTTO, RYO, RYZEN, EVO, SLINE, SWAP'S, ASTONE, MAXXE, PANTHERA, TURN ONE, XRC, HEY, COURSE, SWAY, TECHX2, KOMINE, KHI, RXT, CGM, C6M, UFO, VITO, ILM, ALL ONE, ACERBIS, ACERBIS ITALIA SPA, SHAFT, UNIK, ROCC, BAYARD, BAYARD HELMETS, FXR, FXR Racing, KENNY, PULL-IN, KSK, EOLE, GPA, GPA PURE, ONE, TROPHY, SEAT MO, STR, ZEN, OMP, DAKAR, UFO PLAST ITALY SRL
2. Type
 - : FS-X60

Commercial description(s)

 - : FS-X60, KV30, SX-1 EVO, XM6, 666, FLIP FS-606, SH-MX380DV, MARS DV, MARS, CX-50 S, OCTANE X, ARIES

Version(s)

 - : ---
3. Sizes
 - : XS 53-54, S 55-56, M 57-58, L 59-60, XL 61-62, XXL 63-64
4. Name of the manufacturer
 - : Jiangyin Dafeima Automobile Technology Co., Ltd.
5. Address of the manufacturer
 - : No.207, West Luhu Road, Huaxi Five Village, Huashi Town, Jiangyin, Jiangsu, China

	Type	FS-X60
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6. Name of the manufacturer's representative : Not applicable

7. Address of the manufacturer's representative : Not applicable

Brief description of the helmet

: Protective helmet equipped with visor for drivers and passengers of mopeds and motorcycles

and / or ¹

~~Brief description of visor~~

NOTE:

¹ striketrough where not applicable

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ADDITIONAL INFORMATION

Helmet ~~without lower face cover (J)~~ / with
protective lower face cover (P) / ~~with non~~
~~protective lower face cover (NP)~~

Type of visor or visors : FS-X60-V, SV-2 (version of 606)

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

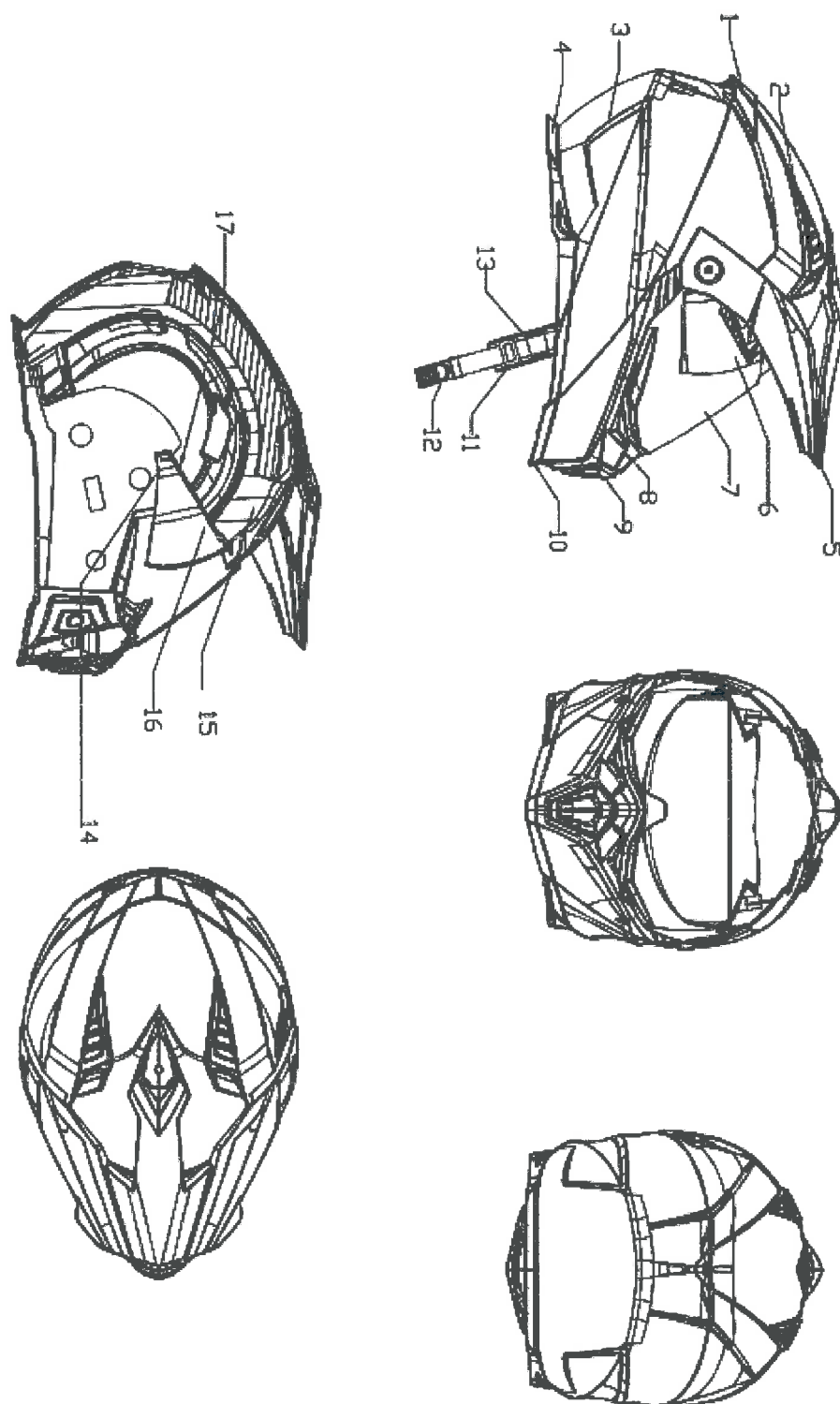
Name and address of assembly plant : Jiangyin Dafeima Automobile Technology
Co., Ltd.
No.207, West Luhu Road, Huaxi Five Village,
Huashi Town, Jiangyin, Jiangsu, China

Applicable regulation : UN-Reg. No. 22, 06 series of amendments,
Suppl. 1

NOTE:

¹ strike through where not applicable

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DRW.	FS-X60-01	Assembly Drawing
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Jiangyin Dafeima Automobile Technology Co., Ltd.

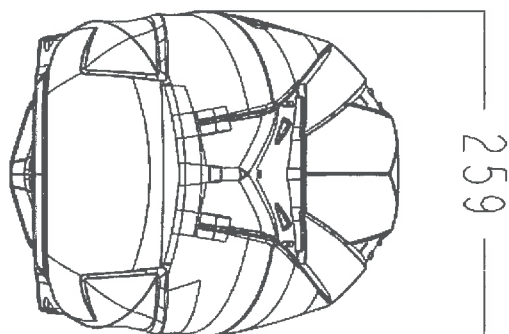
Information folder No. FASEED-FS-X60-01

Application date: August 03, 2022

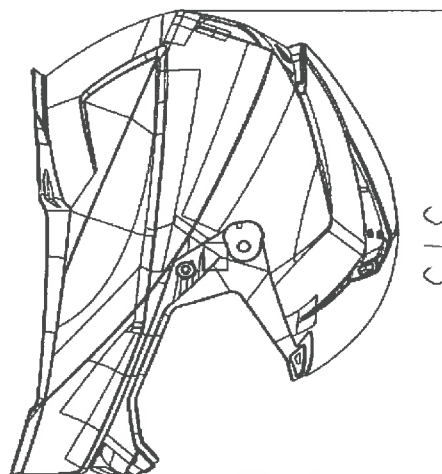
Part No.	Subject or name	Material
1	Back vent	ABS
2	Front vent	ABS
3	Outer shell	ABS
4	Edge trim	PC
5	Peak	ABS
6	Inner visor	PC
7	Visor	PC
8	Mouth Edge trim	PC
9	Mouth vent	ABS
10	Chin bar padding	EPS
11	Chin strap	Nylon
12	Buckle	Polycarbonate + Steel
13	E-marking	Cloth
14	Rivet	Iron
15	Comfort padding	Compound Sponge + Cloth
16	Protective padding	EPS
17	Visor mechanism	POM+STEEL
		Material list of parts

	Type	FS-X60
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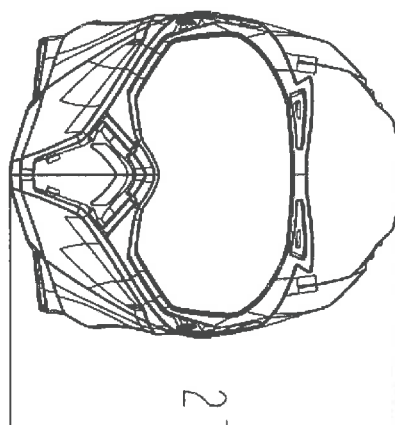
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373



277

DRW.

FS-X60-02

Helmet section view

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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	3.5	3.5	3.5	3.8	3.0
S	3.5	3.5	3.5	3.8	3.0
M	3.5	3.5	3.5	3.8	3.0
L	3.5	3.5	3.5	3.8	3.0
XL	3.5	3.5	3.5	3.8	3.0
XXL	3.5	3.5	3.5	3.8	3.0

Impact absorption material thickness in millimeter, LINER

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point
XS	42	44	48	38
S	40	44	44	38
M	40	44	44	38
L	38	42	40	38
XL	38	42	40	38
XXL	38	42	40	38

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	30
S	8	12	8	8	25
M	6	10	6	6	20
L	10	12	10	10	30
XL	8	10	8	8	25
XXL	6	8	6	6	20

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Dimension and weight

1. Dimension of the shell:

SIZE	Length (mm)	Width (mm)	Height (mm)
XS-XXL	373	259	277

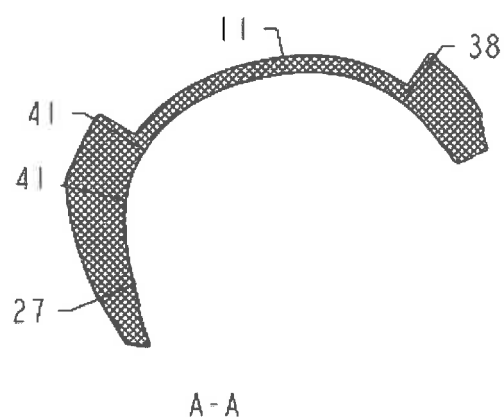
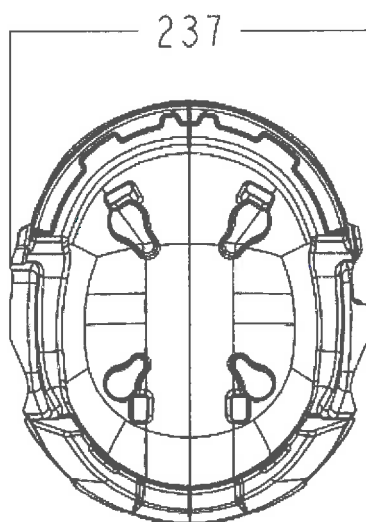
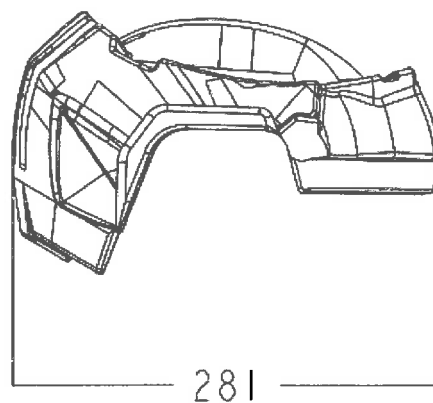
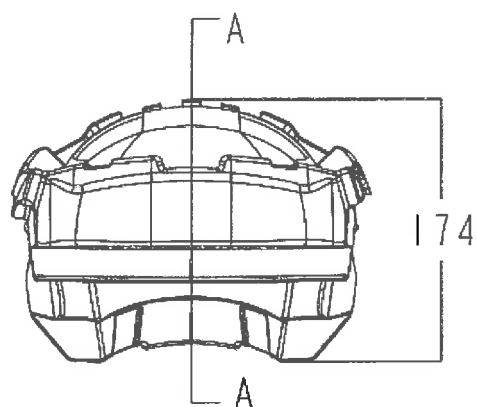
2. Total weight of the helmet:

Size	Weight (g)	Tolerance (g)
XS	1650	±50
S	1650	±50
M	1650	±50
L	1650	±50
XL	1650	±50
XXL	1650	±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)	Specific gravity of crown liner (kg/m ³)
XS	30	45	18
S	30	45	18
M	30	45	18
L	45	60	25
XL	45	60	25
XXL	45	60	25

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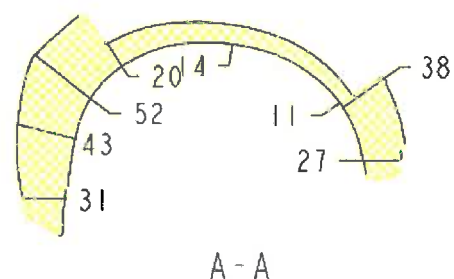
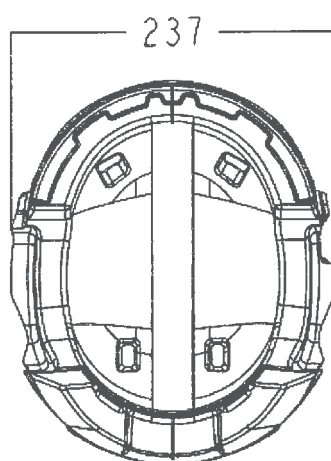
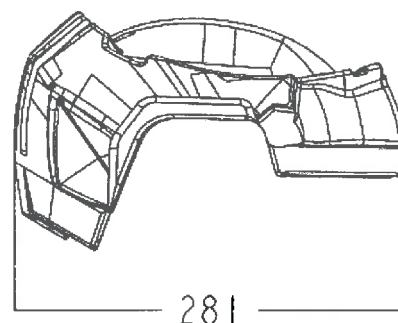
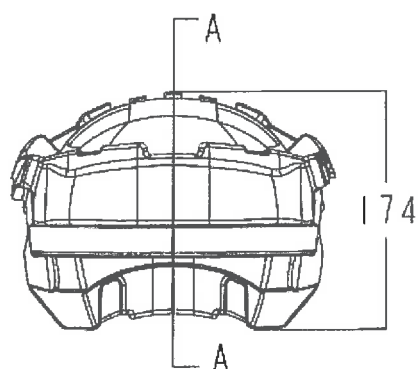
DRW.

FS-X60-03

EPS details
(for sizes L -XXL)

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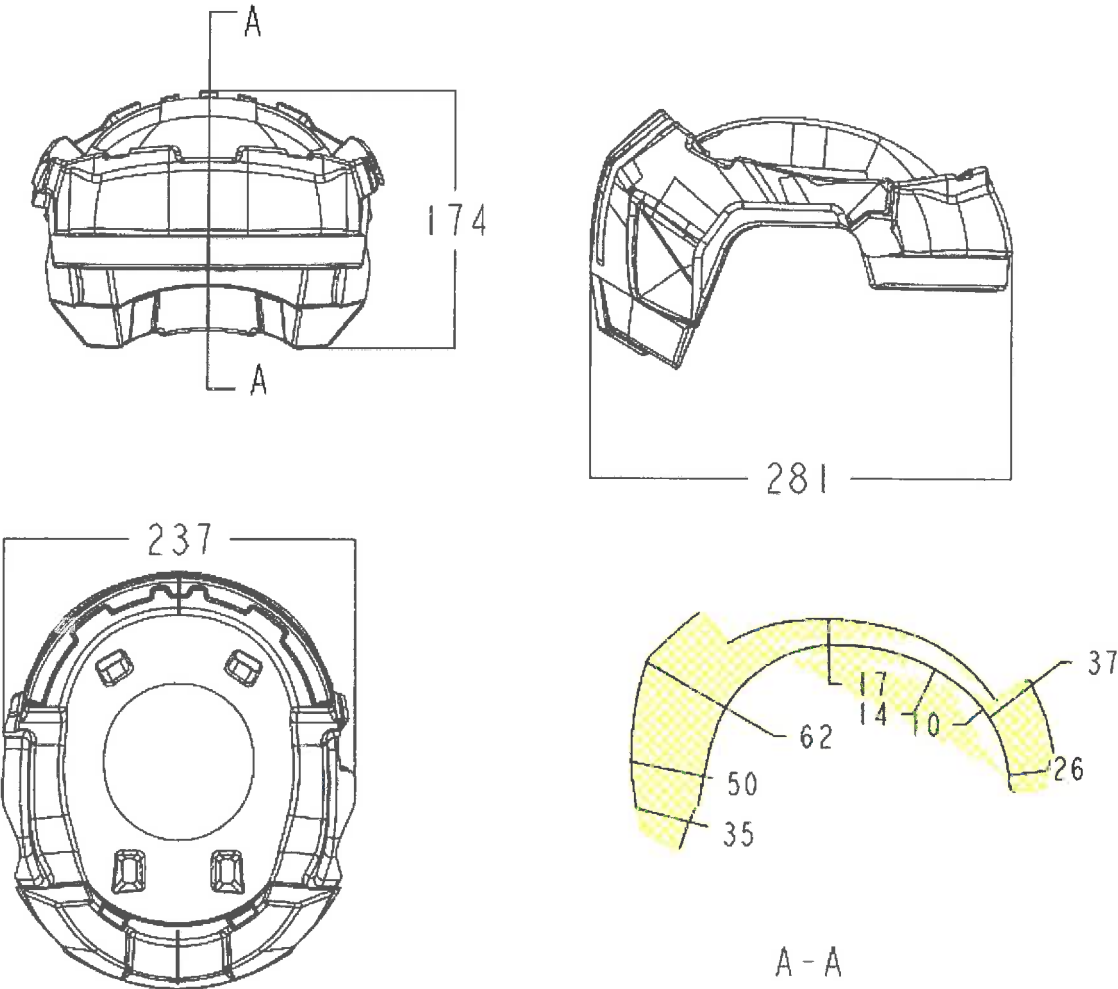
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FS-X60-04

EPS details
(for sizes S-M)

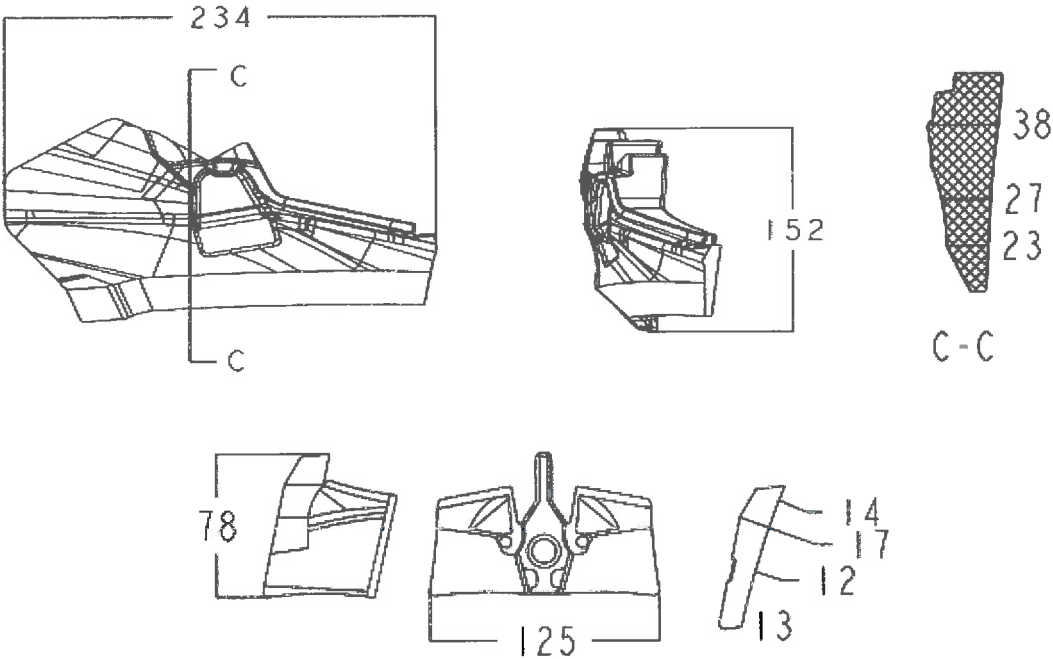
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	DRW.	FS-X60-05	EPS details (for size XS)
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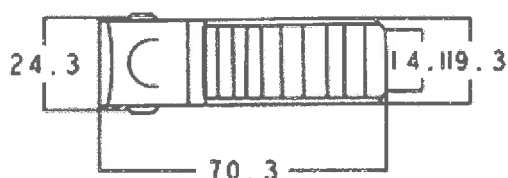
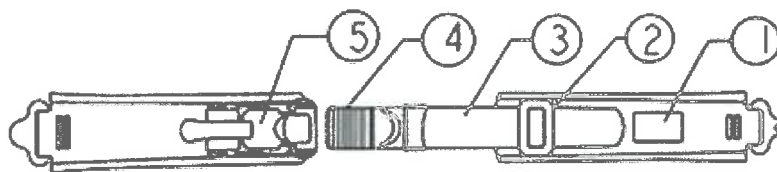
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FS-X60-06

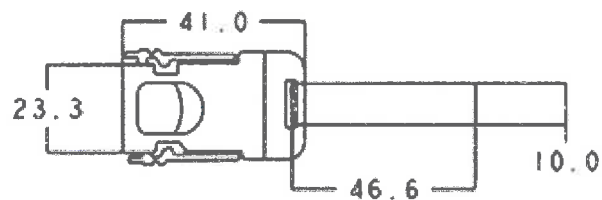
EPS details
(for sizes XS-XXL)

Type FS-X60

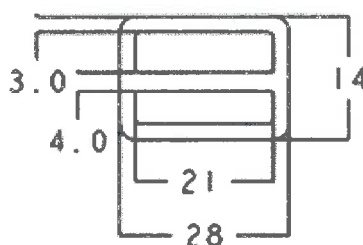
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⑤



②

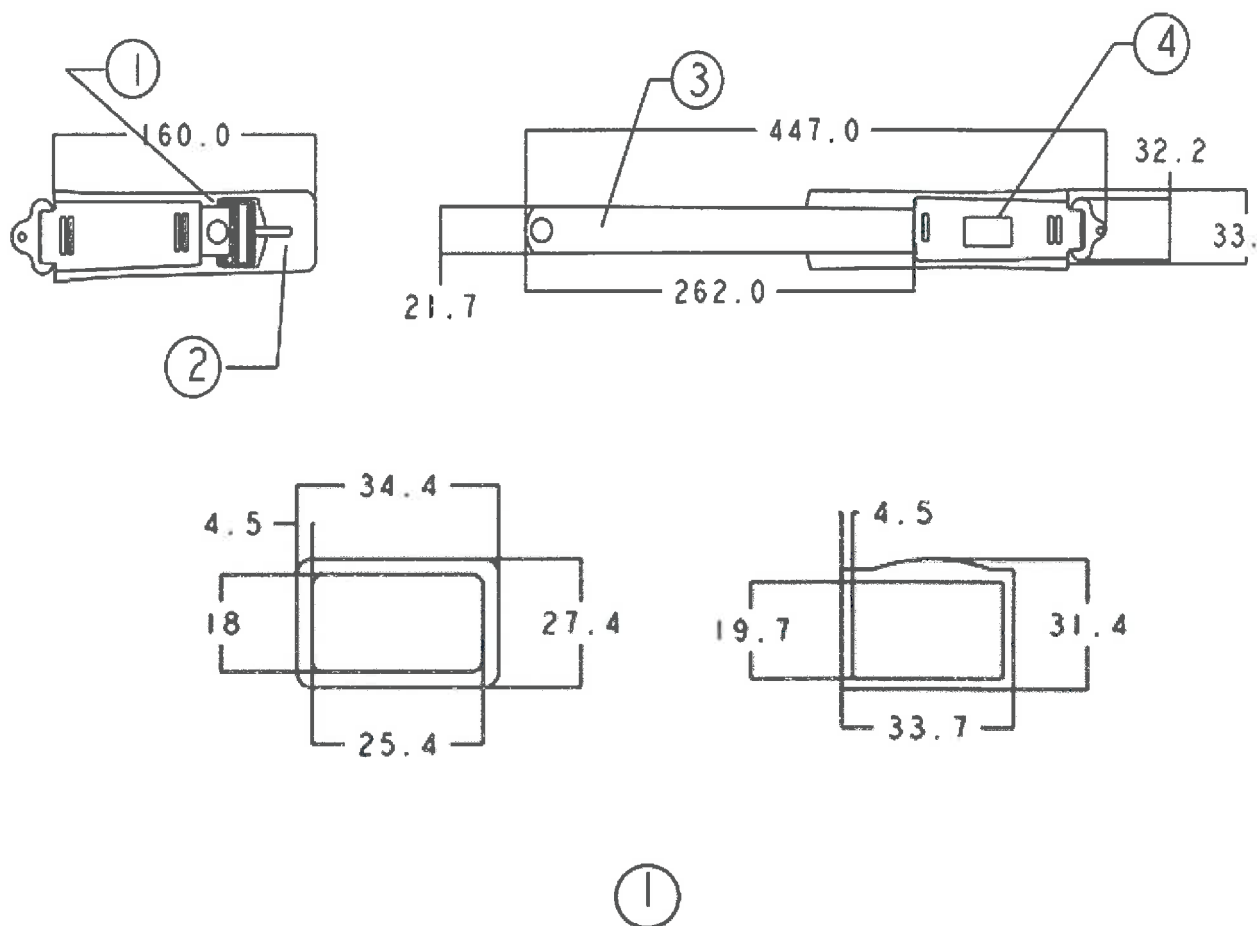
Part No.	Subject or name		Material
1	ECE Marking		Cloth
2	"B" Ring		Steel
3	Chin Strap		Nylon
4	Slider Bar		Polycarbonate + Steel
5	Quick Release Buckle		Polycarbonate + Steel
	DRW.	FS-X60-07	Retention system (with buckle No. FS-R-1)

	Type	FS-X60
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Jiangyin Dafeima Automobile Technology Co., Ltd.

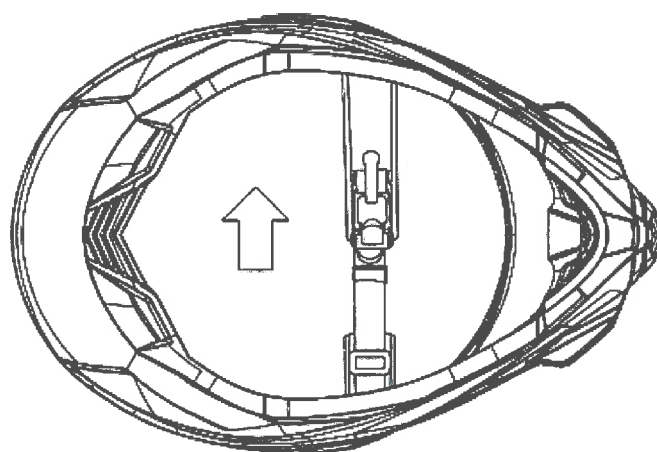
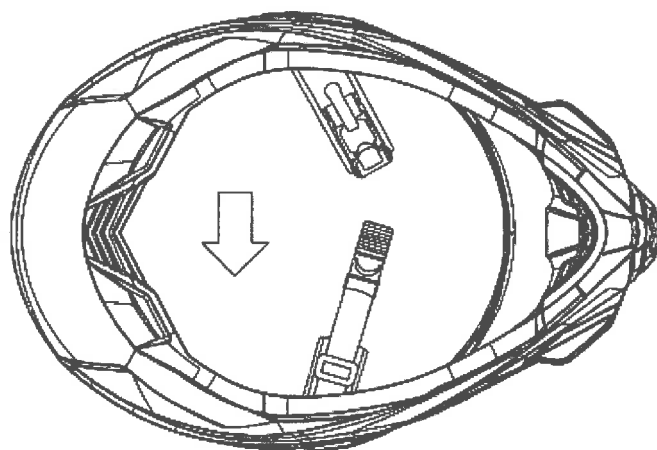
Information folder No. FASEED-FS-X60-01

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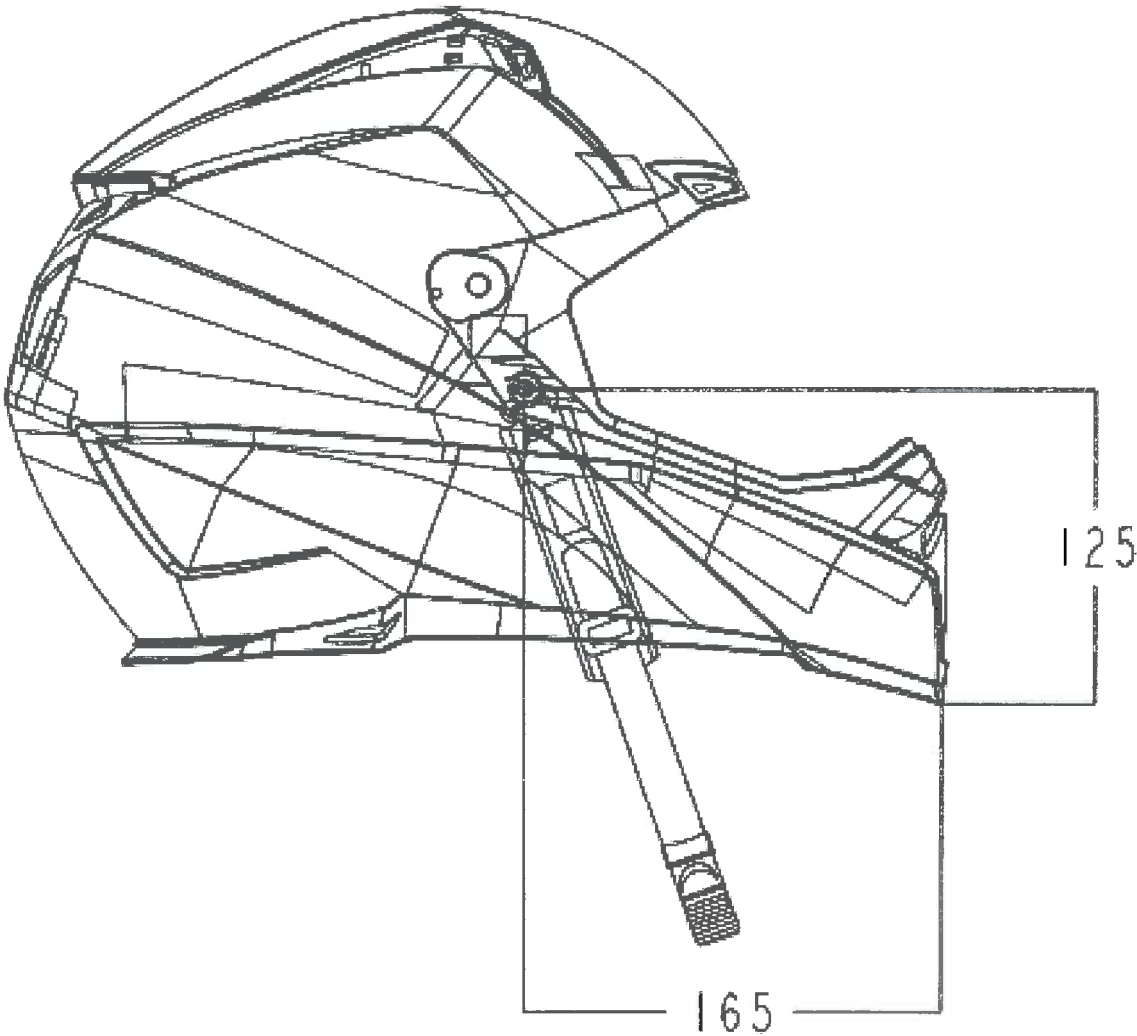
Part No.	Subject or name		Material
1	Chin Strap		Nylon
2	"DD" Ring		Steel
3	Slider Bar		Nylon
4	ECE Marking		Cloth
	DRW.	FS-X60-08	Retention system (with DD-ring No. FS-R-2)

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DRW.	FS-X60-09	Retention system, chin strap operation
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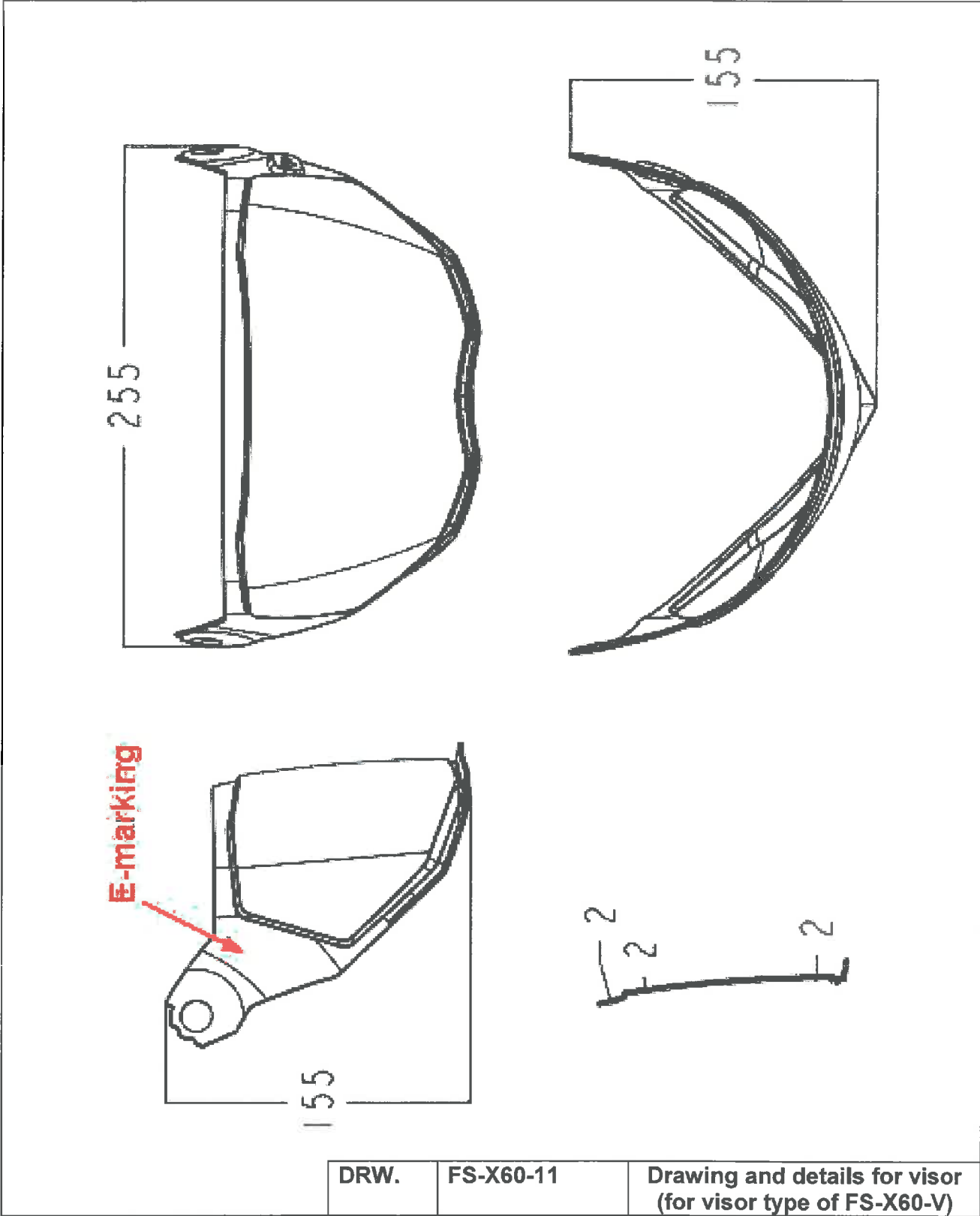


DRW.	FS-X60-010	Retention system, position details
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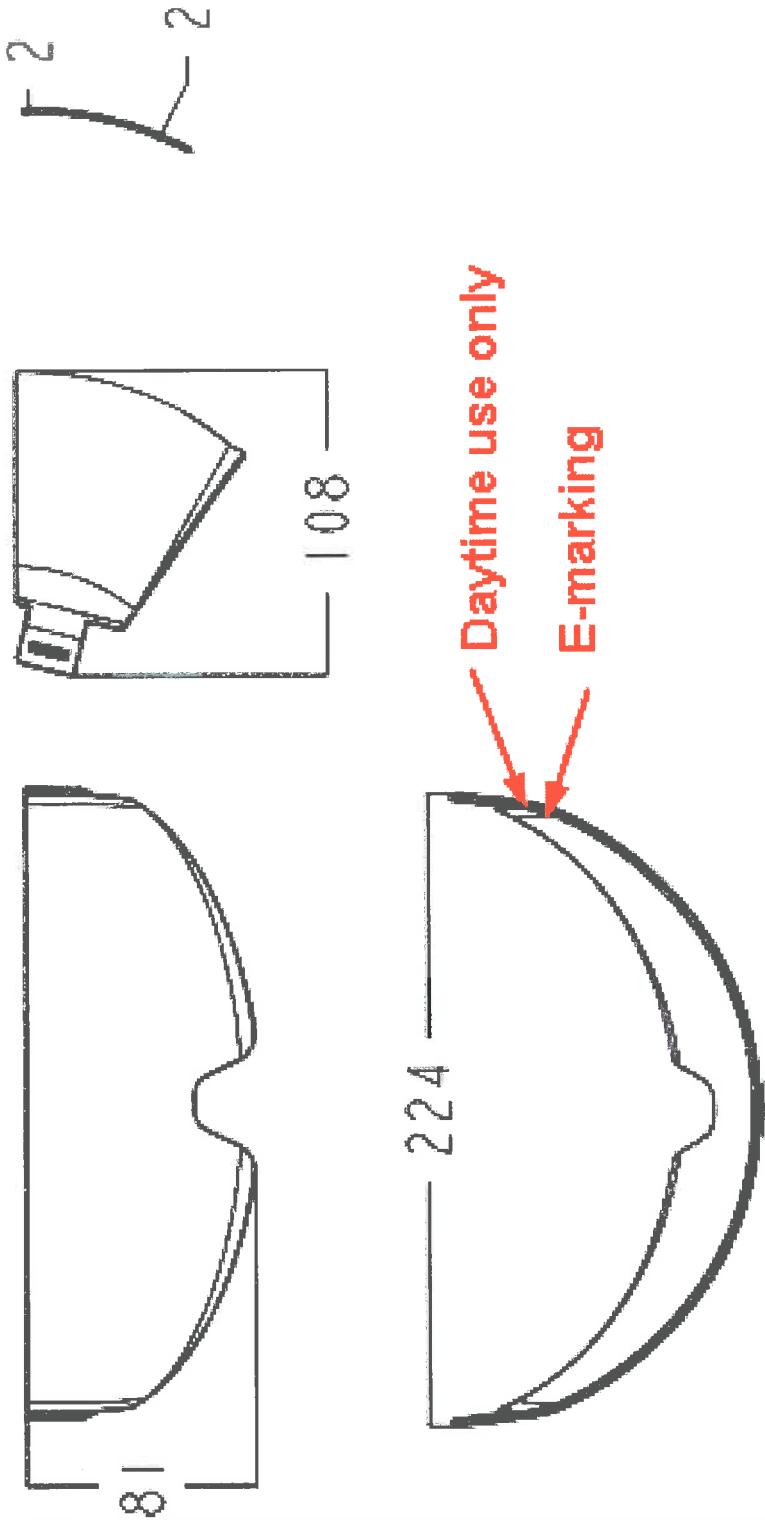
	Type	FS-X60
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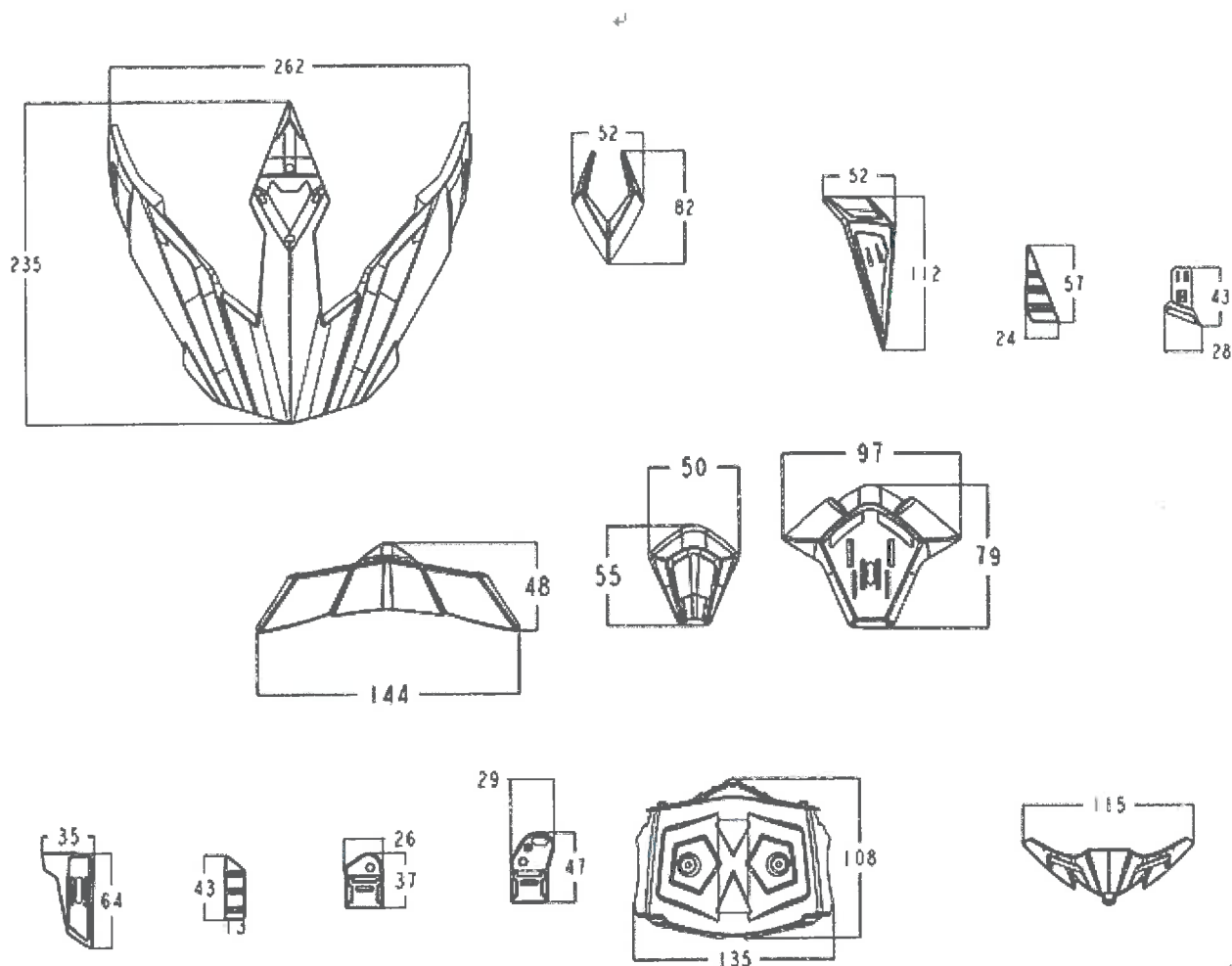


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DRW.	FS-X60-12	Drawing and details for visor (for visor type of SV-2, version of 606)
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	Type	FS-X60
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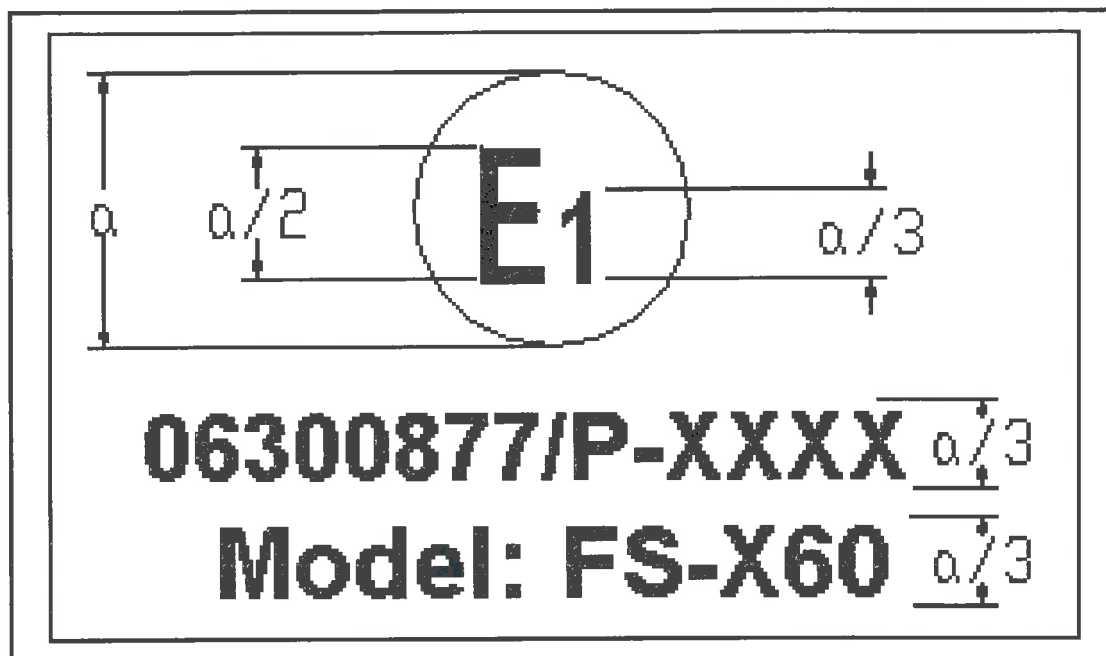
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FS-X60-13

Accessories

Type FS-X60

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HELMET TYPE : FS-X60
 COLOR OF LABEL : WHITE
 COLOR OF PAINT : BLACK
 MATERIAL OF LABEL : CLOTH

Remark: a = 8 mm min.

DRW.	FS-X60-14	Approval marking(s)
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DRW.	FS-X60-15	Helmet assembly pictures
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