



Kraftfahrt-Bundesamt

DE-24932 Flensburg



MITTEILUNG

ausgestellt von:

Kraftfahrt-Bundesamt

über die Erweiterung einer Genehmigung für einen Schutzhelmtyp ohne einem 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 without a visor type(s) pursuant to Regulation No. 22 including amendment No. 06 supplement 01

Genehmigungsnummer: **E1*22R06/01*300914*01**

Approval number:

1. Fabrik- oder Handelsmarke:
Trade name or mark:
FASEED, UFO, UFO PLAST ITALY SRL
2. Typ:
Type:
FS-616
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**





Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Genehmigungsnummer: **E1*22R06/01*300914*01**

Approval Number:

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:
 Entfällt
 Not applicable
11. Kurze Beschreibung des Visiers oder der Visiere:
 Brief description of visor(s):
 Entfällt
 Not applicable
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-R22-661/22-00
16. Bemerkung(en):
 Remark(s):
 Handelsbezeichnung(en):
 General commercial description(s):
 FS-616, ECHUS





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Genehmigungsnummer: **E1*22R06/01*300914*01**

Approval Number:

17. Die Genehmigung wird **erweitert**
Approval is **extended**
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*300914*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

E1*22R06/01*300914*01





Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1*22R06/01*300914*01**

To:

Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **31.05.2022**
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-R22-406/22-00
85-R22-661/22-00

Datum:
Date:
25.05.2022
04.08.2022

Beschreibungsbogen Nr.:
Information document No.:
FASEED-FS-616-00
FASEED-FS-616-01

Datum:
Date:
24.05.2022
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*300914*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*300914*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.**



Type : FS-616

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*300914*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-616

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

0. General information

- 0.1. Make (trade name of the manufacturer) : FASEED, UFO, UFO PLAST ITALY SRL
- 0.2. Type : FS-616
- Commercial description(s) : FS-616, ECHUS
- 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-616-00
FASEED-FS-616-01

Date of issue : May 24, 2022
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

- 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

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Type : FS-616

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

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 : May 23, 2022

2.4. Remarks : without

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Type : FS-616**Manufacturer** : Jiangyin Dafeima Automobile Technology Co., Ltd.**3. Appendices**

Appendix 0	: List of modifications
Appendix L	: Technical description of type and Communication concerning the UN-approval
Appendix 1	: Test minutes
Information document	: FASEED-FS-616-01 (18 pages)

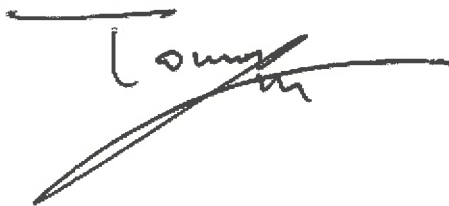
4. Statement of conformity

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-616**Manufacturer** : Jiangyin Dafeima Automobile Technology
Co., Ltd.**Appendix 0****List of modifications**

Correction of	:	-
Modification of	:	Standard supplement number
Addition of	:	Trademark
Deletion of	:	-

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Type : FS-616

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.

Communication concerning the type approval

Appendix L

1	Trade name or mark	: FASEED, UFO, <u>UFO PLAST ITALY SRL</u>
2	Type	: FS-616
	Commercial description(s)	: FS-616, ECHUS
	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-616 is composed of FRP (Fiber Reinforce Plastic) shell. 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.
9	Helmet category	: With protective lower face cover (P)
10	Type of visor or visors	: not applicable
11	Brief description of visor(s)	: not applicable
12	Submitted for approval on	: May 23, 2022
14	Date of report issued by that service	: August 04, 2022

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Type : FS-616

 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-616

 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-616

 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°
S 55-56	555	214	7	47
XL 61-62	625	216	7	48

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	187	1326
	X	211	1839
	P	169	1476
	R	214	1402
	S	59	121
Helmet 2 High Temp. (+50°C)	B	134	890
	X	143	1137
	P	143	1196
	R	140	1127
	S	---	---

Type : FS-616

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.

helmet size : M 57-58

test-head-size : 575

anvil : Flat (Helm. 3), Kerbstone (Helm. 4)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 3	B	159	1188
Low Temp. (-10°C)	X	200	1616
	P	190	1647
	R	171	1438
	S	75	165
Helmet 4	B	152	940
High Temp. (+50°C)	X	210	1258
	P	158	1277
	R	152	1070
	S	---	---

helmet size : M 57-58

test-head-size : 575

anvil : Flat (Helm. 5), Kerbstone (Helm. 6), Kerbstone (Helm. 7)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 5	B	150	1059
Ambient	X	205	1710
	P	157	1368
	R	203	1833
	S	---	---
Helmet 6	B	122	891
Ambient	X	212	1346
	P	126	1017
	R	146	1071
	S	---	---
Helmet 7	B	155	999
Artificial ageing	X	157	1131
	P	136	1200
	R	147	1047
	S	---	---

Type : FS-616

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.

 helmet size : L 59-60
 test-head-size : 605
 anvil : Flat (Helm. 8), Kerbstone (Helm. 9)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 8	B	161	1195
Low Temp. (-10°C)	X	213	1810
	P	166	1423
	R	195	1617
	S	123	394
Helmet 9	B	131	874
High Temp. (+50°C)	X	171	1155
	P	121	894
	R	169	1221
	S	---	---

 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 10), Kerbstone (Helm. 11)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 10	B	155	1197
Low Temp. (-10°C)	X	201	1495
	P	183	1510
	R	196	1645
	S	156	502
Helmet 11	B	136	859
High Temp. (+50°C)	X	194	1174
	P	144	1050
	R	178	1317
	S	---	---

Type : FS-616

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.

 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 12), Kerbstone (Helm. 13), Flat (Helm. 14)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 12	B	136	1050
Ambient	X	184	1445
	P	164	1321
	R	168	1424
	S	---	---
Helmet 13	B	150	923
Ambient	X	161	1096
	P	122	927
	R	168	1175
	S	---	---
Helmet 14	B	135	1036
Artificial ageing	X	194	1499
	P	193	1758
	R	187	1597
	S	---	---

Low energy impact

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

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

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 15	B	96	450
Ambient	X	116	604
	P	107	594
	R	125	714
	S	---	---

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 Manufacturer : Jiangyin Dafeima Automobile Technology
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 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 16)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 16	B	119	623
Ambient	X	149	845
	P	135	848
	R	171	979
	S	---	---

High energy impact

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

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

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 17	B	163	1395
Ambient	X	229	2206
	P	202	2156
	R	180	1716
	S	---	---

 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Flat (Helm. 18)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 18	B	162	1397
Ambient	X	215	1951
	P	191	1862
	R	227	2192
	S	---	---

Type : FS-616

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., Ltd.
Extra point

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

 helmet size : M 57-58
 test-head-size : 575
 anvil : Flat (Helm. 19)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 19	BXR	157	1246
Ambient	RXPR	149	1212
	RXL	188	1544
	BXPL	211	2081

 helmet size : XXL 63-64
 test-head-size : 625
 anvil : Kerbstone (Helm. 20)

Conditioning	Impact point	Res. acceleration [g]	HIC [-]
Helmet 20	BXL	142	940
Ambient	RXPL	118	721
	RXR	165	1183
	BXPR	221	1332

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

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Type : FS-616

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

7.5 Rigidity test

All values are within the limits of the regulation.

Helmet Size	Direction	Deformation (max. 40 mm)	Permanent deformation (max. 15 mm)
M 57-58	longitudinal	13	3
	transversal	13	3
XXL 63-64	longitudinal	13	5
	transversal	12	3

7.6. Dynamic test of the retention system

All values are within the limits of the regulation.

Helmet Size	Headsize	dyn.movement (max. 35 mm)	stat.movement (max.25 mm)	Remarks
XS 53-54	535	27.7	10.8	--
L 59-60	605	27.1	13.4	--

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

All values are within the limits of the regulation.

Helmet Size	Headsize	angle of movement (max. 30°)	Remarks
XS 53-54	535	13	Front to rear
L 59-60	605	9	Front to rear

Type : FS-616

Manufacturer : Jiangyin Dafeima Automobile Technology Co., Ltd.

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

All values are within the limits of the regulation.

Helmet Size	Headsizes	angle of movement (max. 30°)	Remarks
XS 53-54	535	11	Rear to front
L 59-60	605	17	Rear to front

7.10 Microslip-test of the chin strap

All values are within the limits of the regulation.

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

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

7.12 Tests for retention systems relying on quick-release mechanisms

Not applicable

Type : FS-616

 Manufacturer : Jiangyin Dafeima Automobile Technology
 Co., 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
575	AMB	45°	FLR	M 57-58	3146	0.38	--
575	AMB	45°	Rear	M 57-58	2434	0.51	--
575	AMB	45°	LL	M 57-58	2419	0.42	--
575	AMB	45°	Front	M 57-58	2417	0.26	--
575	AMB	45°	RLR	M 57-58	2540	0.42	--
625	AMB	45°	FLR	XXL 63-64	2187	0.36	--
625	AMB	45°	Rear	XXL 63-64	2185	0.29	--
625	AMB	45°	LL	XXL 63-64	1917	0.33	--
625	AMB	45°	Front	XXL 63-64	1911	0.37	--
625	AMB	45°	RLR	XXL 63-64	2392	0.30	--

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Jiangyin Dafeima Automobile Technology Co., Ltd.

Information folder No. FASEED-FS-616-01

Application date: August 03, 2022

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Jiangyin Dafeima Automobile Technology Co., Ltd.

Information folder No. FASEED-FS-616-01

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 trademark; modification of regulation number.

1. Make (trade name or mark of the manufacturer) : FASEED, UFO, UFO PLAST ITALY SRL
2. Type : FS-616
Commercial description(s) : FS-616, ECHUS
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
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 without visor for
drivers and passengers of mopeds and
and / or¹ motorcycles
~~Brief description of visor~~

NOTE:

¹ striketrough where not applicable

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Jiangyin Dafeima Automobile Technology Co., Ltd.

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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

: Not applicable

~~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

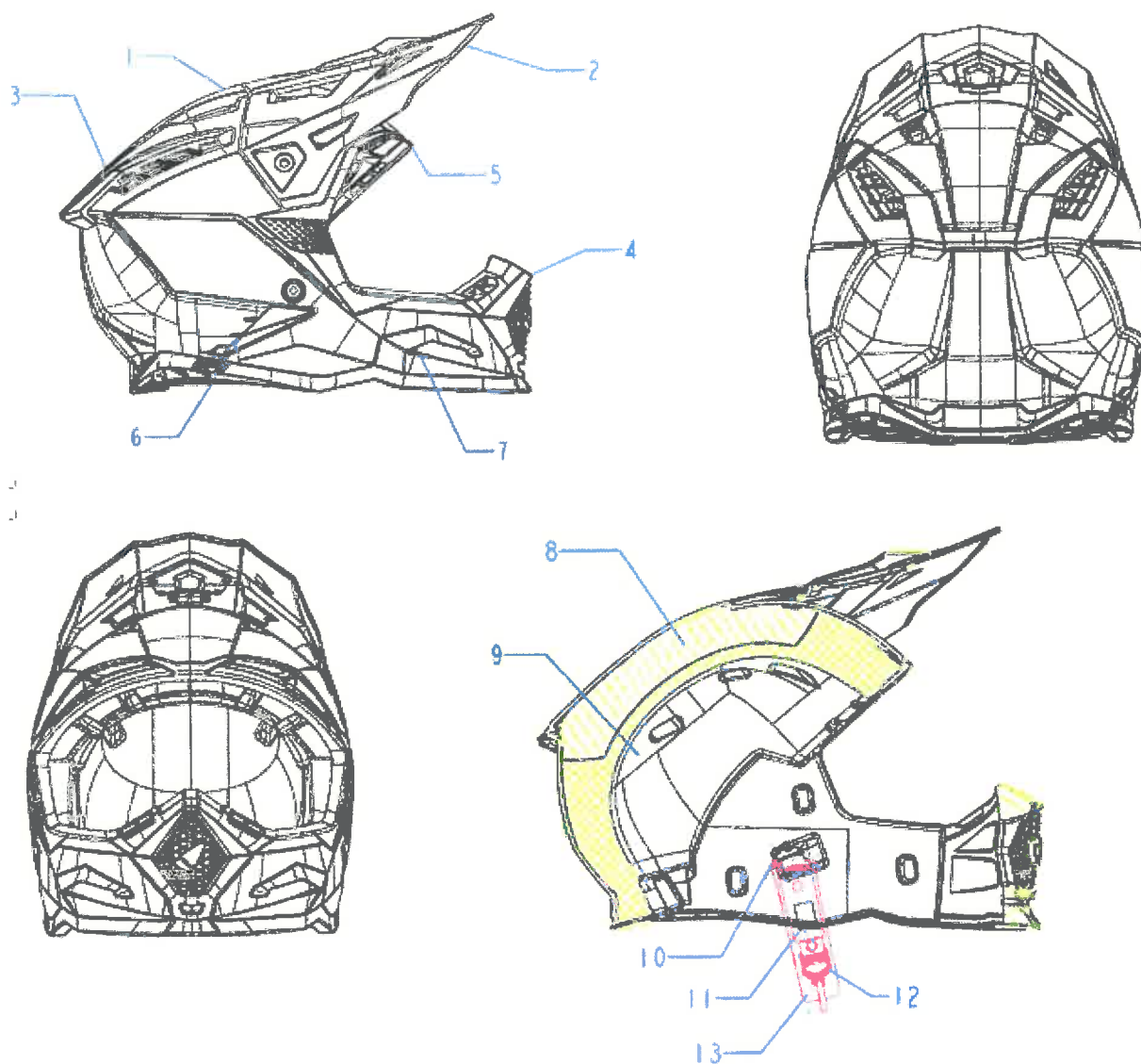
: UN-Reg. No. 22, 06 series of amendments,
Suppl. 1

NOTE:

¹ strike through where not applicable

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DRW.	FS-616-01	Assembly Drawing
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Part No.	Subject or name	Material
1	Outer shell	FRP
2	Peak	ABS
3	Back vent	ABS
4	Mouth vent	ABS
5	External	PE
6	Side vent	ABS
7	Front side vent	ABS
8	Protective padding	EPS
9	Comfort padding	Compound Sponge + Cloth
10	Triangle	Steel
11	ECE MARKING	Cloth
12	DD rings	Steel
13	Chin strap	Nylon
		Material list of parts

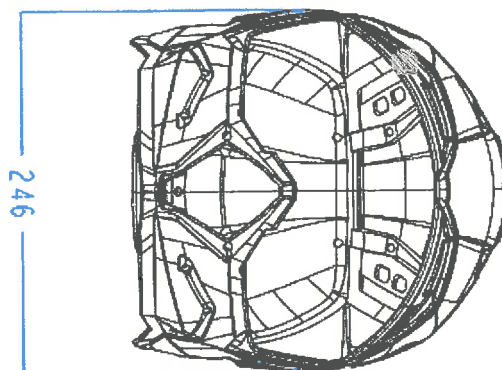
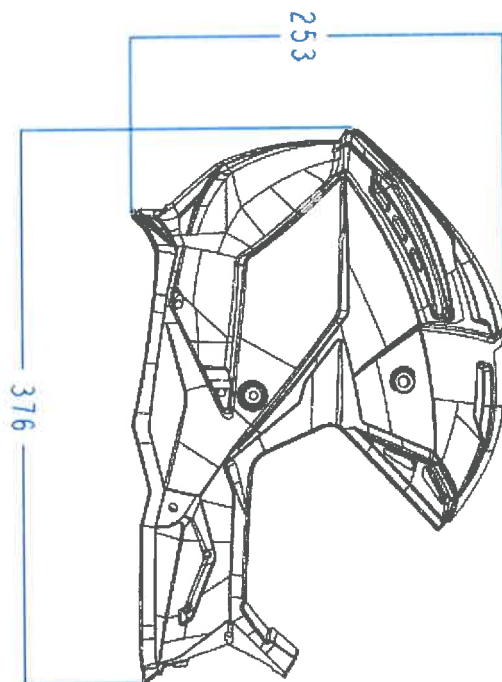
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Information folder No. FASEED-FS-616-01

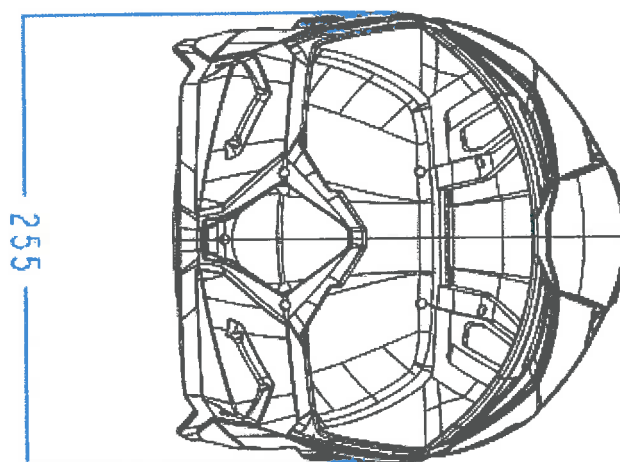
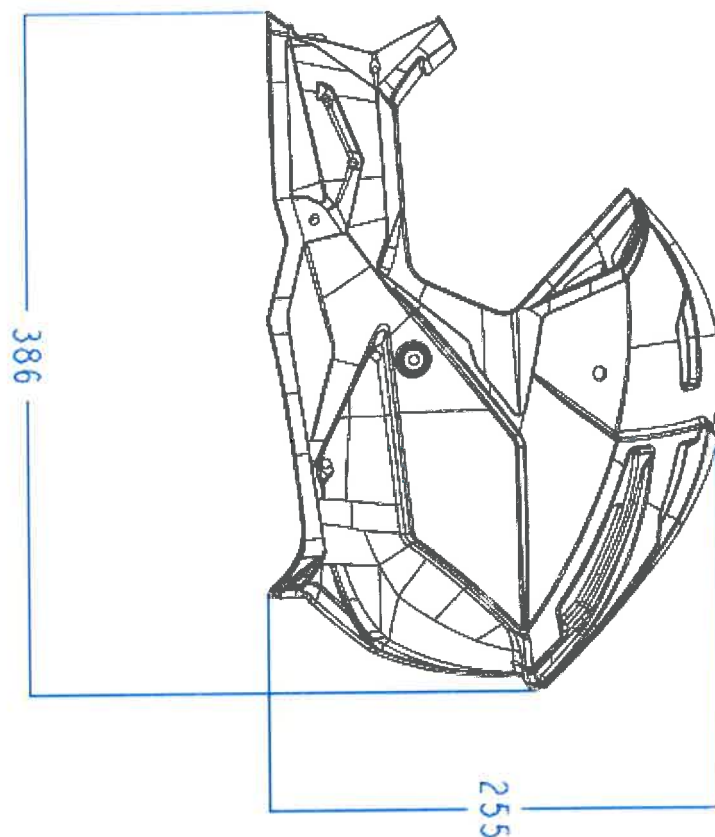
Application date: August 03, 2022



DRW.	FS-616-02	Helmet section view (for size XS-M)
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DRW.

FS-616-03

Helmet section view
(for size L-XXL)

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Application date: August 03, 2022

Impact absorption material thickness in millimeter, SHELL

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point	Lower Face cover
XS	2.0	2.0	2.0	2.0	2.2
S	2.0	2.0	2.0	2.0	2.2
M	2.0	2.0	2.0	2.0	2.2
L	2.0	2.0	2.0	2.0	2.2
XL	2.0	2.0	2.0	2.0	2.2
XXL	2.0	2.0	2.0	2.0	2.2

Impact absorption material thickness in millimeter, LINER

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point
XS	40	42	42	32
S	40	42	42	32
M	40	42	42	32
L	36	41	40	32
XL	36	41	40	32
XXL	36	41	40	32

Impact absorption material thickness in millimeter, LINING

Size	Section B-Point	Section P-Point	Section R-Point	Section X-Point	Side Part Lining
XS	18	18	18	18	35
S	10	12	8	8	25
M	8	10	6	6	20
L	8	10	8	10	30
XL	6	8	6	8	25
XXL	4	6	4	6	20

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Dimension and weight

1. Dimension of the shell:

SIZE	Length (mm)	Width (mm)	Height (mm)
L-XXL	386	255	255
XS-M	376	246	253

2. Total weight of the helmet:

Size	Weight (g)	Tolerance (g)
XS	1300	±50
S	1300	±50
M	1300	±50
L	1350	±50
XL	1350	±50
XXL	1350	±50

3. Specific gravity of the impact absorption liner

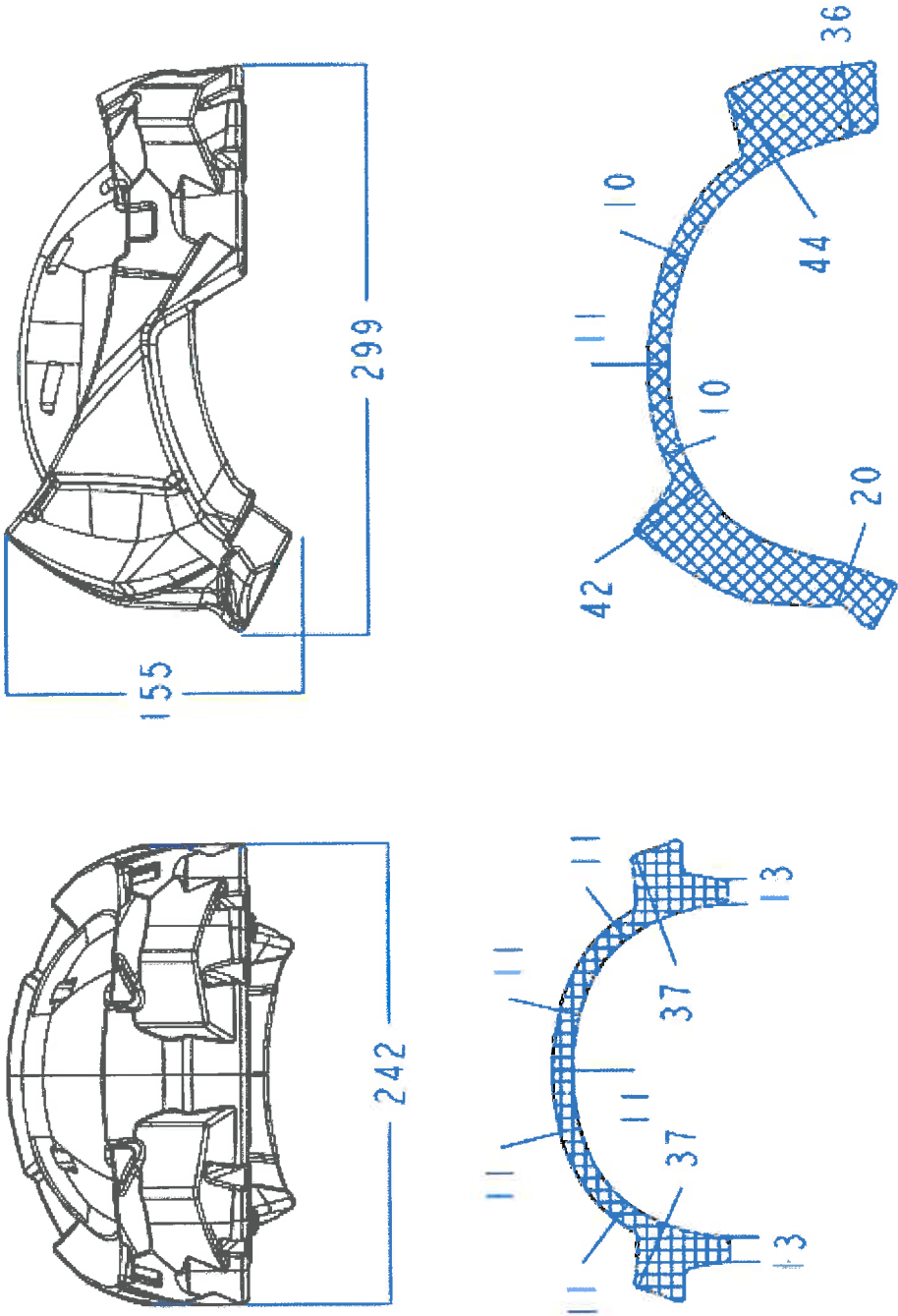
Size	Specific gravity of size liner (kg/m³)	Specific gravity of side liner (kg/m³)	Specific gravity of crown liner (kg/m³)
XS	40	50	20
S	40	50	20
M	40	50	20
L	50	60	25
XL	50	60	25
XXL	50	60	25

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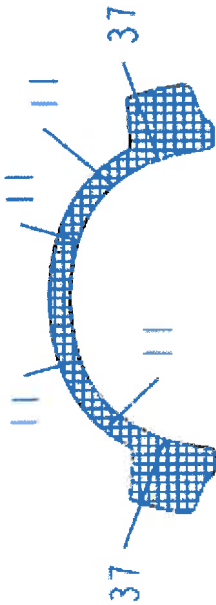
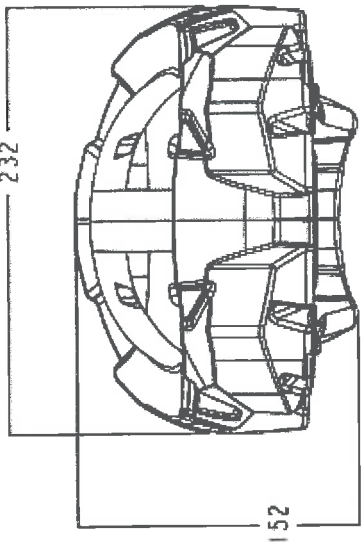
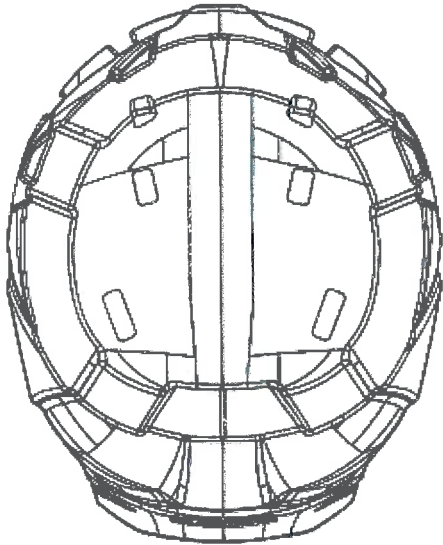
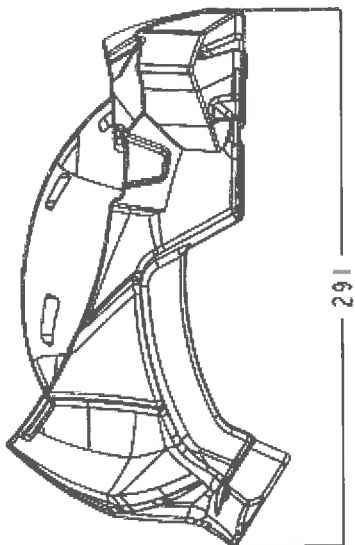
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DRW.		FS-616-04	EPS details (for size L-XXL)
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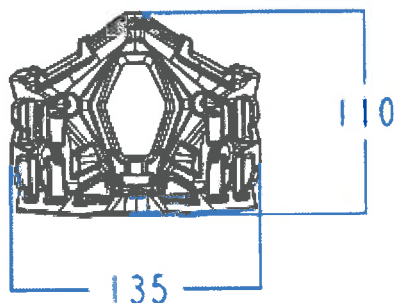
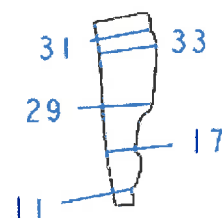
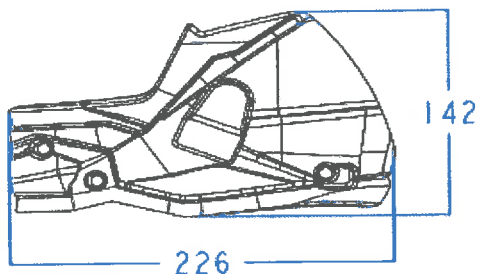
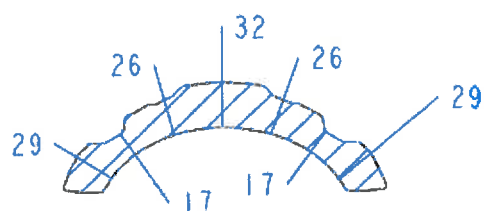
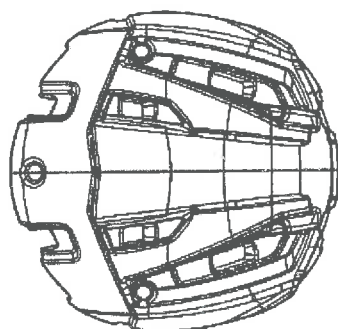
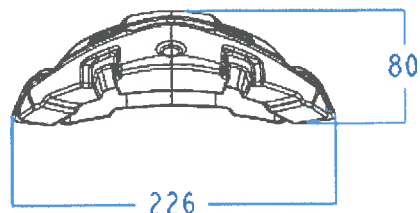
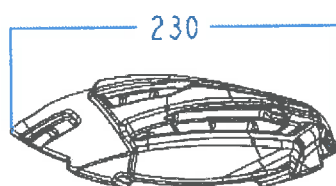
DRW.

FS-616-05

EPS details
(for size XS-M)

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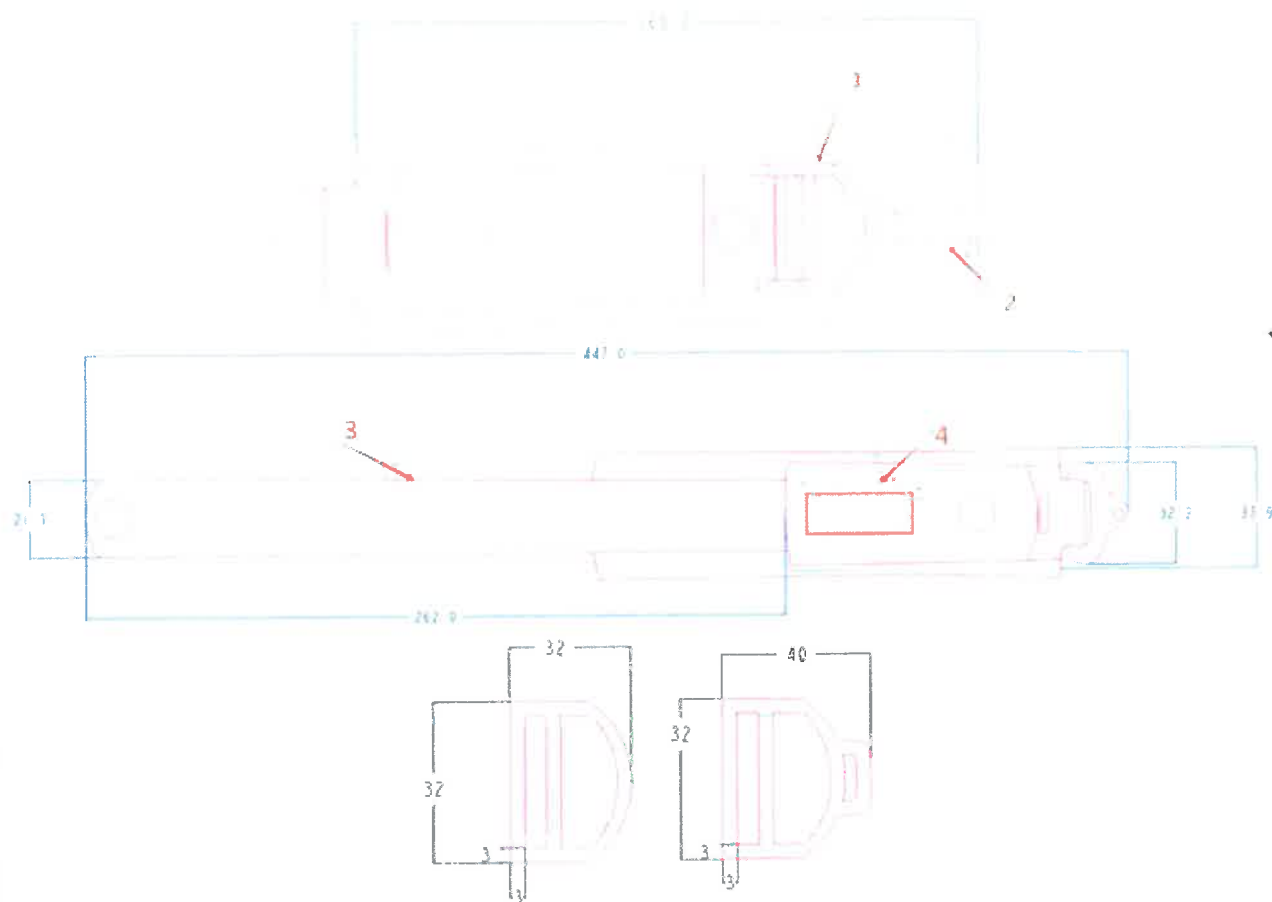
DRW.	FS-616-06	EPS details (for size XS-XXL)
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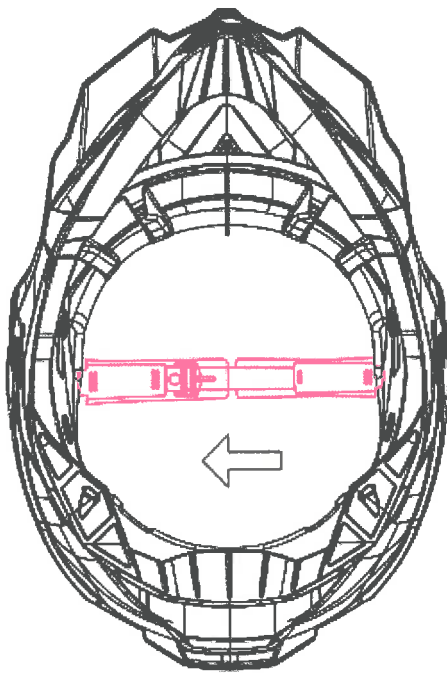
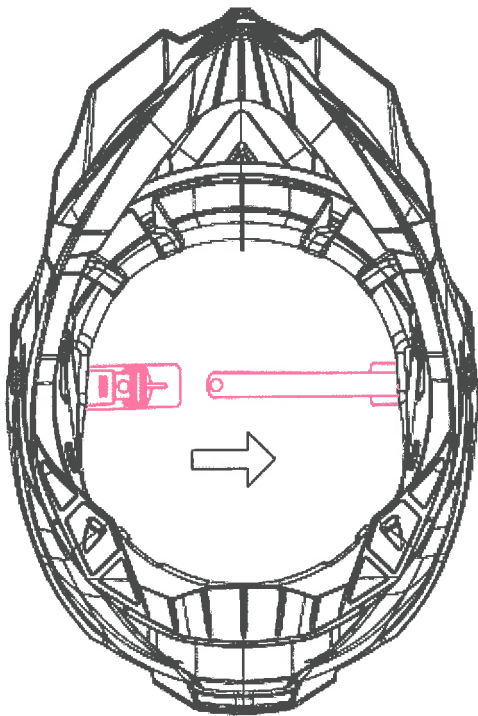
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Part No.	Subject or name		Material
1	"DD" Ring		Steel
2	Slider Bar		Nylon
3	Chin Strap		Nylon
4	ECE Marking		Cloth
	DRW.	FS-616-07	Retention system (with DD-ring No. FS-R-5)

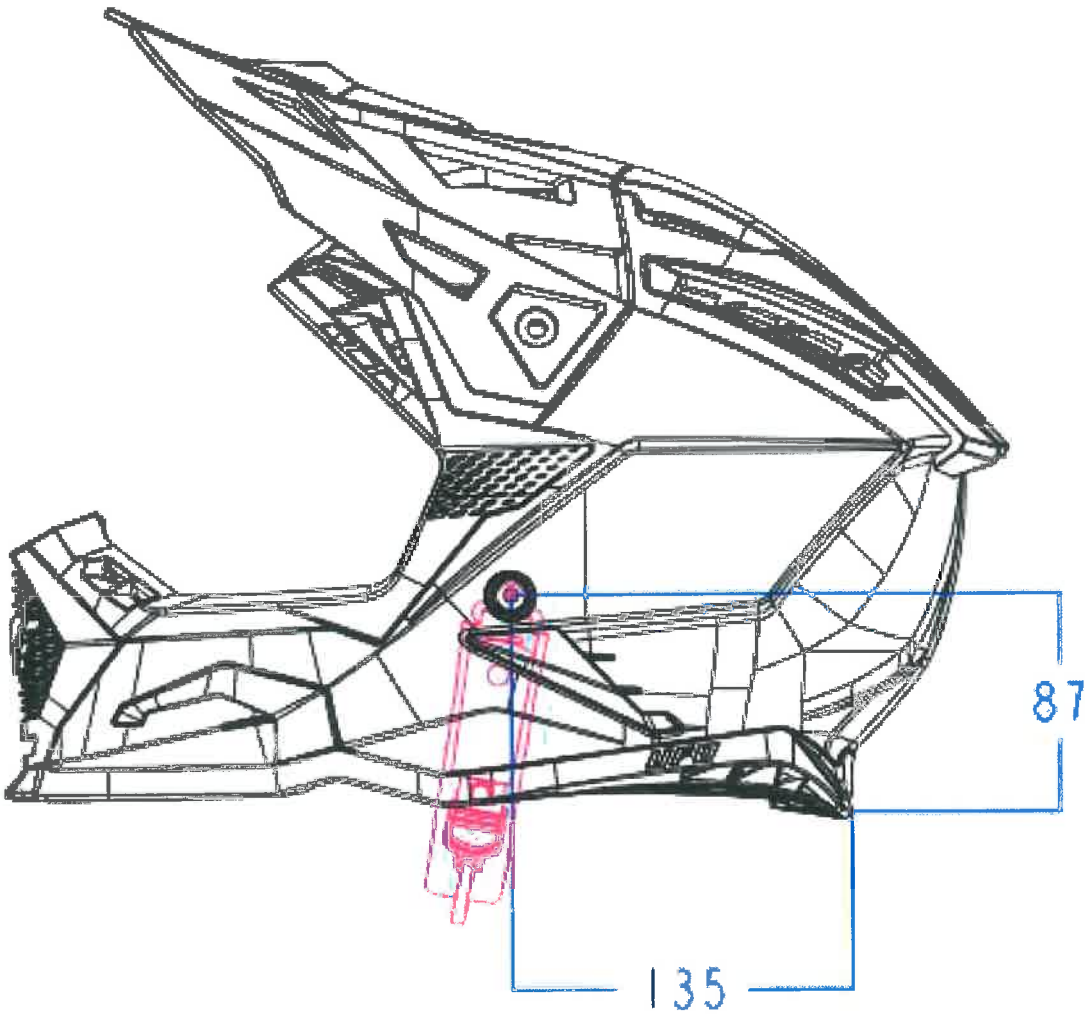
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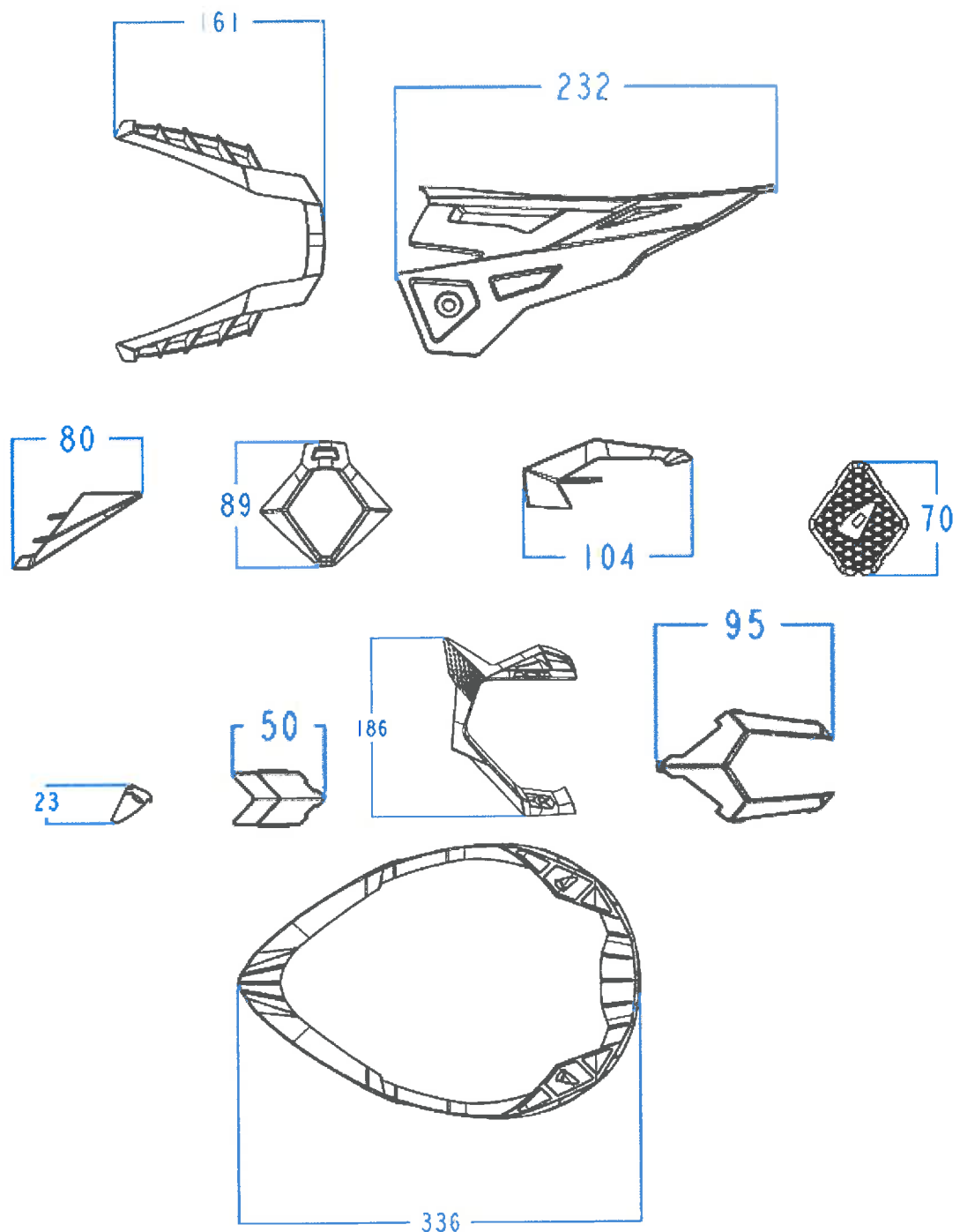
DRW.	FS-616-08	Retention system, chin strap operation
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DRW.	FS-616-09	Retention system, position details
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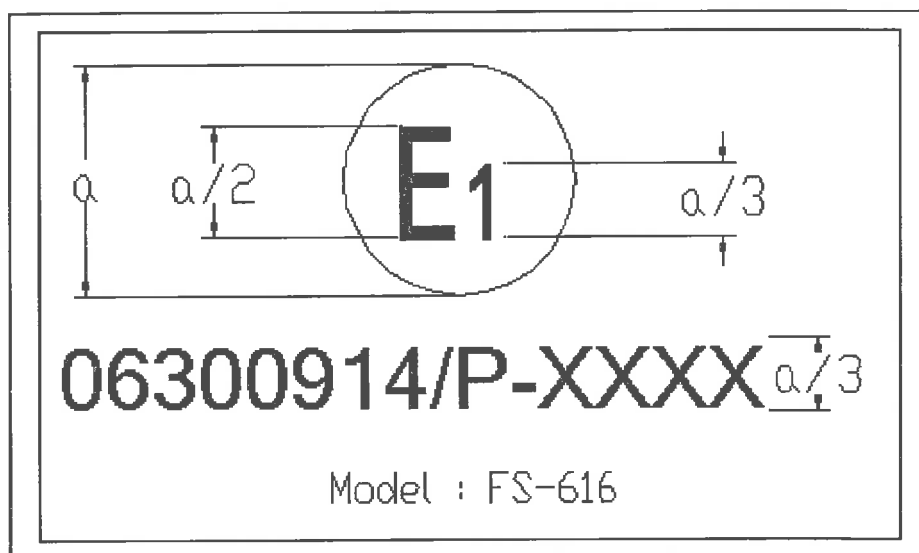
DRW.

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Accessories

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HELMET TYPE : FS-616
 COLOR OF LABEL : WHITE
 COLOR OF PAINT : BLACK
 MATERIAL OF LABEL : CLOTH

Remark: a = 8 mm min.

DRW.	FS-616-11	Approval marking(s)
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DRW.	FS-616-12	Helmet assembly pictures
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