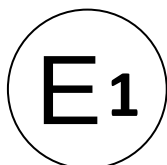




Kraftfahrt-Bundesamt

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 03

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 03

Genehmigungsnummer: **E1*22R06/03*301076*01**

Approval number:

1. Fabrik- oder Handelsmarke:
Trade name or mark:
O'NEAL, KINI, GRENZGÄNGER
2. Typ:
Type:
3SRS
3. Größen:
Sizes:
51-52 (Y/M), 53-54 (Y/L), 55-56 (Y/XL), 53-54 (XS), 55-56 (S), 57-58 (M), 59-60 (L), 61-62 (XL), 63-64 (XXL)
4. Name des Herstellers:
Manufacturer's name:
O'NEAL Europe GmbH & Co. KG.
DE-71665 Vaihingen an der Enz
5. Anschrift:
Address:
Siehe Punkt 4.
See item 4.



Kraftfahrt-Bundesamt

DE-24932 Flensburg

2

Genehmigungsnummer: **E1*22R06/03*301076*01**

Approval Number:

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:
Entfällt
Not applicable
11. Kurze Beschreibung des Visiers oder der Visiere:
Brief description of visor(s):
Entfällt
Not applicable
12. **Helm betriebsbereit für universelles Zubehör (UA)**
Helmet ready for universal accessories (UA)
13. In der Helmhomologation enthaltenes Zubehör und Funktionalität:
Accessories included in the helmet homologation and functionality:
Helmschirm
Peak

Bluetooth System (UA)
Bluetooth system (UA)

Optional: QUIN Sensor
Option: QUIN sensor
14. Wenn UA-Helm:
If UA helmet:
Seitenmontage (L)
Side mounting (L)



Kraftfahrt-Bundesamt

DE-24932 Flensburg

3

Genehmigungsnummer: **E1*22R06/03*301076*01**

Approval Number:

- 14.1. Falls das S40 oder das S45 Lautsprecher-Versuchsmuster für den Homologations-Test genutzt wurde:
If S40 or S45, speaker dummy used for the homologation test:
Entfällt
Not applicable
15. Zur Genehmigung vorgelegt am:
Submitted for approval on:
02.12.2025
16. Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:
Technical service responsible for conducting approval tests:
TÜV Rheinland Kraftfahrt GmbH
DE-51105 Köln
17. Datum des Gutachtens des Technischen Dienstes:
Date of report issued by that service:
01.12.2025
18. Nummer des Gutachtens des Technischen Dienstes:
Number of report issued by that service:
244KP0001-01
19. Bemerkung(en):
Remark(s):
Siehe Prüfbericht: List of modifications (Appendix 0)
See test report: List of modifications (Appendix 0)
20. Die Genehmigung wird **erweitert**
Approval is **extended**



Kraftfahrt-Bundesamt

DE-24932 Flensburg

4

Genehmigungsnummer: **E1*22R06/03*301076*01**

Approval Number:

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

22. Datum: **08.12.2025**
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*22R06/03*301076*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:
O'NEAL Europe GmbH & Co. KG.
DE-71665 Vaihingen an der Enz
2. Datum der Anfangsbewertung:
Date of the initial assessment:
16.09.2020
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: Entfällt Not applicable		



Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1*22R06/03*301076*01**

To:

Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **17.01.2024**

Date of issue:

Letztes Änderungsdatum:

Last date of amendment:

08.12.2025

Nebenbestimmungen und Rechtsbehelfsbelehrung
Collateral clauses and instruction on right to appeal

Prüfbericht(e) Nr.:

Test report(s) No.:

244KP0001-00

244KP0001-01

Datum:

Date:

02.01.2024

01.12.2025

Beschreibungsbogen Nr.:

Information document No.:

R22-3SRS-01

R22-3SRS-01

Datum:

Date:

25.09.2023

01.12.2025

Liste der Änderungen:

List of modifications:

Siehe Prüfbericht: Liste der Änderungen (Anlage 0)

See test report: List of modifications (Appendix 0)

Datum:

Date:

01.12.2025



Kraftfahrt-Bundesamt

DE-24932 Flensburg

Nummer der Genehmigung: **E1*22R06/03*301076*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

2

Approval No.: **E1*22R06/03*301076*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. 244KP0001-01

Type : 3SRS

Manufacturer : O`Neal Europe GmbH & Co.KG

TEST REPORT

according to

UN-R 22

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

as last amended by

Amendment 06, Supplement 3**For the Type Approval of:**

- ☐ Helmet + Visor
- ☒ Helmet
- ☐ Visor
- ☐ Accessory

Approval StatusUN-approval : E1*22R06/02*301076*00

Structure of the Test Report

Section 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 : 3SRS
Manufacturer : O`Neal Europe GmbH & Co.KG

0. General information

0.1. Trade mark : O'NEAL, KINI, GRENZGÄNGER
0.2. Type : 3SRS
0.3. Helmet Category : see appendix L
0.4. Name and address of the manufacturer : O`Neal Europe GmbH & Co.KG
Erich-Blum-Str. 33, 71665 Vaihingen/Enz
0.5. Information Document : R22-3SRS-01
Date of issue : 2023-09-25
Date of last change : 2025-11-26

1. Tested vehicle(s) / object(s)

1.1. Description
1.1.1. Object : see appendix L
Commercial name : not applicable
Type(s) /variant(s) / version(s) : see appendix L
Identification number : without
1.1.2. Condition of vehicle(s)/object(s) : new
1.2. Worst case configuration : There is no worst case selection required because all versions mentioned in the information folder are tested.
1.3. Remarks : without

Type : 3SRS
Manufacturer : O`Neal Europe GmbH & Co.KG

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 : Temperature: 25°C ± 5°C
Relative humidity: 50% ± 10%
- 2.1.2. Subcontracting : not applicable

2.2. Test results

- Remarks concerning specific test execution or selection : not applicable
- Remarks concerning extension : The helmet type has been tested according to the modification(s) mentioned in appendix 0.
- 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 : TÜV Rheinland Kraftfahrt GmbH
Technology Center Traffic Safety
Department Motorcycles & Agricultural
Laboratory for Head Protection
Am Grauen Stein
51105 Cologne / Germany
- Test date : 2025-12-01
- 2.4. Remarks : not applicable

R22 E1*22R06/03*301076*01

Type : 3SRS**Manufacturer** : O`Neal Europe GmbH & Co.KG**3. Appendices**

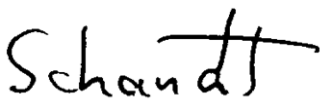
Appendix O : List of modifications
Appendix L : Communication
Appendix 1 : Test minutes
Information document : 26 pages

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.

Cologne, 2025-12-01



Peter Schaudt¹
Technical Expert Technical Service

¹Advanced electronic signature, if used, in accordance with Article 25 and Article 26 of (EU) regulation 910/2014 (eIDAS Regulation)

Type : 3SRS
Manufacturer : O`Neal Europe GmbH & Co.KG

Appendix 0

List of modifications

- | | | |
|-----------------|---|--|
| Correction of | : | -- |
| Modification of | : | editorial modification
amendment of the regulation
helmet category changed into ready for universal accessory (UA) |
| Addition of | : | Trade marks |
| Deletion of | : | Variants |

R22 E1*22R06/03*301076*01

Type : 3SRS

Manufacturer : O`Neal Europe GmbH & Co.KG

Communication

Appendix L

1	Trade mark	: O'NEAL, KINI, GRENZGÄNGER
2	Type	: 3SRS
3	Sizes	: 51-52 (Y/M), 53-54 (Y/L), 55-56 (Y/XL), 53-54 (XS), 55-56 (S), 57-58 (M), 59-60 (L), 61-62 (XL), 63-64 (XXL)
4	Manufacturer's name	: O`Neal Europe GmbH & Co.KG
5	Address	Erich-Blum-Str. 33, 71665 Vaihingen/Enz
6	If applicable, name of manufacturer's representative	: see following item 7
7	Address	: not applicable
8	Brief description of helmet	: Protective helmet with fixed chin guard (lower face cover). Shell made of Acrylnitril-Butadien-Styrol (ABS). Protective padding made of expanded polystyrene in several parts. The adaptation to the different head sizes is done by different shells, protective padding and different thickness of the comfort padding. Optionally equipped with QUIN sensor (crash detector).
9	Helmet category	: "P" (with protective lower face cover)
10	Type of visor or visors	: not applicable
11	Brief description of the visor and inner visor if any	: not applicable
12	Helmet ready for	: Universal Accessory (UA)
13	Accessories included in the helmet homologation and functionality	: See above item 8
14	Symbols for Universal Accessory	: Speakers (S) Microphone (M) Side mounting (L)
14.1	If S40 or S45, speaker dummy is used for the homologation test	: rigid
15	Submitted for approval on	: 2025-12-01

Type : 3SRS
Manufacturer : O`Neal Europe GmbH & Co.KG

Test minutes Appendix 1

General Requirements for Helmets

- | | | |
|----|--|--|
| 6 | Outer Projections
(6.6 / 6.7) | <p>: All external projections are rounded and smooth.
All external projections ≤ 2 mm have a radius ≥ 1 mm</p> <p>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.</p> |
| 7 | Inner Projections
(6.8) | <p>: No inward facing sharp edges. All internal parts are covered with padding.</p> |
| 16 | Universal Accessory
(7.13.4 / Annex 20) | <p>: Fixing of the simulator for side mounting accessories and microphone is done by clamping.</p> |
| 17 | Information
(14) | <p>: Manufacturer-information about size and weight are located on the outer shell by adhesive label(s).
Additional consumer information in accordance with the ECE-R 22 is given by the owner's manual. It must always be enclosed to the offered helmet.</p> |

R22 E1*22R06/03*301076*01

Type : 3SRS

Manufacturer : O`Neal Europe GmbH & Co.KG

7.3. Impact-absorption-tests

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

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Max Peak [g]	HIC	Speed [m/s]
625	+50°C	Kerb	B	63-64 (XXL)	123	780	7,59
625	+50°C	Kerb	X right	63-64 (XXL)	168	1053	7,59
625	+50°C	Kerb	P	63-64 (XXL)	125	965	7,59
625	+50°C	Kerb	R	63-64 (XXL)	129	894	7,59
625	-10°C	Flat	B	63-64 (XXL)	144	887	7,59
625	-10°C	Flat	X right	63-64 (XXL)	203	1627	7,55
625	-10°C	Flat	P	63-64 (XXL)	196	1999	7,62
625	-10°C	Flat	R	63-64 (XXL)	174	1286	7,59
625	-10°C	Flat	S	63-64 (XXL)	160	510	6,10
605	+50°C	Kerb	B	59-60 (L)	131	836	7,55
605	+50°C	Kerb	X right	59-60 (L)	151	1028	7,55
605	+50°C	Kerb	P	59-60 (L)	147	1172	7,59
605	+50°C	Kerb	R	59-60 (L)	125	900	7,55
605	-10°C	Flat	B	59-60 (L)	159	998	7,55
605	-10°C	Flat	X right	59-60 (L)	211	1723	7,59
605	-10°C	Flat	P	59-60 (L)	206	2153	7,59
605	-10°C	Flat	R	59-60 (L)	175	1369	7,59
605	-10°C	Flat	S	59-60 (L)	71	189	6,08
575	+50°C	Kerb	B	57-58 (M)	127	792	7,55
575	+50°C	Kerb	X right	57-58 (M)	147	1073	7,55
575	+50°C	Kerb	P	57-58 (M)	144	1158	7,59
575	+50°C	Kerb	R	57-58 (M)	116	753	7,55
575	-10°C	Flat	B	57-58 (M)	168	1055	7,55
575	-10°C	Flat	X right	57-58 (M)	223	1882	7,59
575	-10°C	Flat	P	57-58 (M)	192	1922	7,59
575	-10°C	Flat	R	57-58 (M)	143	1006	7,55
575	-10°C	Flat	S	57-58 (M)	92	186	6,06
535	+50°C	Kerb	B	55-56 (S)	115	701	7,55
535	+50°C	Kerb	X right	55-56 (S)	157	1262	7,55
535	+50°C	Kerb	P	55-56 (S)	149	1285	7,59
535	+50°C	Kerb	R	55-56 (S)	116	760	7,59
535	-10°C	Flat	B	55-56 (S)	166	947	7,55
535	-10°C	Flat	X right	55-56 (S)	215	1828	7,59
535	-10°C	Flat	P	55-56 (S)	212	1937	7,55
535	-10°C	Flat	R	55-56 (S)	167	1332	7,59
535	-10°C	Flat	S	55-56 (S)	96	272	6,08

Type : 3SRS

Manufacturer : O`Neal Europe GmbH & Co.KG

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Max Peak [g]	HIC	Speed [m/s]
535	+50°C	Kerb	B	55-56 (Y/XL)	112	707	7,55
535	+50°C	Kerb	X right	55-56 (Y/XL)	150	1085	7,55
535	+50°C	Kerb	P	55-56 (Y/XL)	157	1230	7,59
535	+50°C	Kerb	R	55-56 (Y/XL)	127	816	7,55
535	-10°C	Flat	B	55-56 (Y/XL)	131	769	7,55
535	-10°C	Flat	X right	55-56 (Y/XL)	226	1850	7,59
535	-10°C	Flat	P	55-56 (Y/XL)	197	2016	7,59
535	-10°C	Flat	R	55-56 (Y/XL)	135	917	7,55
535	-10°C	Flat	S	55-56 (Y/XL)	92	278	6,08
515	+50°C	Kerb	B	51-52 (Y/M)	113	765	7,55
515	+50°C	Kerb	X right	51-52 (Y/M)	152	1159	7,55
515	+50°C	Kerb	P	51-52 (Y/M)	161	1358	7,55
515	+50°C	Kerb	R	51-52 (Y/M)	123	838	7,55
515	-10°C	Flat	B	51-52 (Y/M)	148	806	7,55
515	-10°C	Flat	X right	51-52 (Y/M)	227	1909	7,55
515	-10°C	Flat	P	51-52 (Y/M)	213	2080	7,59
515	-10°C	Flat	R	51-52 (Y/M)	147	1063	7,55
515	-10°C	Flat	S	51-52 (Y/M)	80	210	6,06

Low energy impact

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

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Max Peak [g]	HIC	Speed [m/s]
625	AMB	Flat	B	63-64 (XXL)	131	585	6,08
625	AMB	Flat	X right	63-64 (XXL)	157	899	6,08
625	AMB	Flat	P	63-64 (XXL)	151	1064	6,08
625	AMB	Flat	R	63-64 (XXL)	129	726	6,08
535	AMB	Flat	B	55-56 (Y/XL)	122	476	6,06
535	AMB	Flat	X right	55-56 (Y/XL)	165	996	6,08
535	AMB	Flat	P	55-56 (Y/XL)	160	1127	6,10
535	AMB	Flat	R	55-56 (Y/XL)	124	676	6,06
575	AMB	Kerb	B	57-58 (M)	93	460	6,08
575	AMB	Kerb	X right	57-58 (M)	121	653	6,10
575	AMB	Kerb	P	57-58 (M)	121	667	6,10
575	AMB	Kerb	R	57-58 (M)	93	462	6,06

Type : 3SRS

Manufacturer : O`Neal Europe GmbH & Co.KG

High energy impact

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

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Max Peak [g]	HIC	Speed [m/s]
625	AMB	Flat	B	63-64 (XXL)	164	1249	8,26
625	AMB	Flat	X right	63-64 (XXL)	225	2080	8,29
625	AMB	Flat	P	63-64 (XXL)	213	2298	8,29
625	AMB	Flat	R	63-64 (XXL)	195	1688	8,26
535	AMB	Flat	B	55-56 (Y/XL)	143	1101	8,26
535	AMB	Flat	X right	55-56 (Y/XL)	248	2397	8,26
535	AMB	Flat	P	55-56 (Y/XL)	232	2666	8,29
535	AMB	Flat	R	55-56 (Y/XL)	174	1412	8,29
575	AMB	Flat	B	57-58 (M)	190	1457	8,26
575	AMB	Flat	X right	57-58 (M)	232	2213	8,26
575	AMB	Flat	P	57-58 (M)	224	2567	8,29
575	AMB	Flat	R	57-58 (M)	173	1501	8,29

Extra point

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

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Max Peak [g]	HIC	Speed [m/s]
625	AMB	Flat	BXL	63-64 (XXL)	160	1197	7,52
625	AMB	Flat	BXPR	63-64 (XXL)	188	1644	7,52
625	AMB	Flat	RXPR	63-64 (XXL)	176	1317	7,55
625	AMB	Flat	RXL	63-64 (XXL)	197	1650	7,55
625	AMB	45°L	BXR	63-64 (XXL)	117	765	7,55
625	AMB	45°L	BXPL	63-64 (XXL)	140	1172	7,55
625	AMB	45°L	RXPL	63-64 (XXL)	122	920	7,55
625	AMB	45°L	RXR	63-64 (XXL)	158	1057	7,55
575	AMB	Flat	BXL	57-58 (M)	126	812	7,55
575	AMB	Flat	BXPR	57-58 (M)	146	1300	7,55
575	AMB	Flat	RXPR	57-58 (M)	159	1044	7,59
575	AMB	Flat	RXL	57-58 (M)	178	1525	7,55
575	AMB	45°L	BXR	57-58 (M)	121	745	7,55
575	AMB	45°L	BXPL	57-58 (M)	123	867	7,55
575	AMB	45°L	RXPL	57-58 (M)	136	800	7,55
575	AMB	45°L	RXR	57-58 (M)	140	1030	7,55

Type : 3SRS

Manufacturer : O`Neal Europe GmbH & Co.KG

Headsize	Cond.	Anvil Shape	Point	Helmet Size	Max Peak [g]	HIC	Speed [m/s]
535	AMB	Flat	BXL	55-56 (Y/XL)	123	781	7,55
535	AMB	Flat	BXPR	55-56 (Y/XL)	152	1352	7,55
535	AMB	Flat	RXPR	55-56 (Y/XL)	159	1189	7,55
535	AMB	Flat	RXL	55-56 (Y/XL)	172	1400	7,55
535	AMB	45°L	BXR	55-56 (Y/XL)	132	785	7,55
535	AMB	45°L	BXPL	55-56 (Y/XL)	123	912	7,55
535	AMB	45°L	RXPL	55-56 (Y/XL)	133	987	7,59
535	AMB	45°L	RXR	55-56 (Y/XL)	157	1053	7,55

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	Speed [m/s]	Rotation [rad/s ²]	BrIC
535	AMB	45°	FLR	55-56 (Y/XL)	8,07	3161	0,24
535	AMB	45°	Rear	55-56 (Y/XL)	8,07	2689	0,17
535	AMB	45°	LL	55-56 (Y/XL)	8,07	3019	0,43
535	AMB	45°	Front	55-56 (Y/XL)	8,03	2742	0,40
535	AMB	45°	RLR	55-56 (Y/XL)	8,11	2944	0,34
575	AMB	45°	FLR	57-58 (M)	8,07	2150	0,18
575	AMB	45°	Rear	57-58 (M)	8,11	3214	0,27
575	AMB	45°	LL	57-58 (M)	8,11	2615	0,20
575	AMB	45°	Front	57-58 (M)	8,07	1211	0,14
575	AMB	45°	RLR	57-58 (M)	8,07	2872	0,31
625	AMB	45°	FLR	63-64 (XXL)	8,11	2430	0,19
625	AMB	45°	Rear	63-64 (XXL)	8,11	2061	0,26
625	AMB	45°	LL	63-64 (XXL)	8,11	3685	0,32
625	AMB	45°	Front	63-64 (XXL)	8,11	1423	0,11
625	AMB	45°	RLR	63-64 (XXL)	8,11	3383	0,48

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 1 of 26

0 GENERAL INFORMATION

- 0.1 Make (trade name of manufacturer) : O'NEAL, KINI, GRENZGÄNGER
- 0.2 Type : 3SRS
- 0.4 Name and address of manufacturer : O`Neal Europe GmbH & Co.KG
 Erich-Blum-Str. 33
 71665 Vaihingen/Enz – Germany
- 0.5 Name and address of assembly plant : FOSHAN CITY NANHAI YONGHENG HELMET
 MANUFACTURING CO., LTD.
 Yannan Industrial Area, Longgao Road,
 Jiujiang, Foshan City, Guangdong Province,
 China
- 0.6 Name and address of manufacturer's authorized representative(if any) : n.a.
- 0.7 Location and method of affixing of the international approval mark : Marked in a label sewn on the retention system chin strap, see Annex 4

1 TECHNICAL DESCRIPTION

- 1.1 Description of the helmet
 - 1.1.1 Type of helmet : Full face
 - 1.1.2 Type of lower face cover : "P" protective
 - 1.1.3 Size (s) : Y/M(51/52), Y/L(53/54), Y/XL(55/56), XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64)
 - 1.1.4 Drawing of the helmet : see Annex 1
 - 1.1.5 Type(s) of visors to which may be equipped with this helmet : n.a.
- 1.2 Description of the visor : n.a.
- 1.3 Description of the shell
 - 1.3.1 Material : ABS
 - 1.3.2 Manufacture method : Injection
 - 1.3.4 Composition of the border join on the shell : PVC

R22 E1*22R06/03*301076*01

Type : 3SRS
Manufacturer : O'Neal Europe GmbH & Co.KG

Date: 01.12.2025
Page 2 of 26

1.4 Description of protective padding

1.4.1 Composition : Expanded polystyrene

3SRS

Size (cm)	Shell Size	Protective padding Density (Main + Crown +Ear +Mouth) (Kg/m ³)	Protective padding Thickness (mm)	Protective padding Weight (Main + Crown +Ear +Mouth) (grams)
XS(53/54)	M	35+20+60+80	32-44	102+8+60+14
S(55/56)	M	35+20+60+80	32-44	102+8+60+14
M(57/58)	M	35+20+60+80	32-44	102+8+60+14
L(59/60)	L	50+25+65+80	28-45	176+12+66+14
XL(61/62)	L	50+25+65+80	28-45	176+12+66+14
XXL(63/64)	L	50+25+65+80	28-45	176+12+66+14
Y/M(51/52)	S	35+20+55+80	29-44	94+6+45+10
Y/L(53/54)	S	35+20+55+80	29-44	94+6+45+10
Y/XL(55/56)	S	35+20+55+80	29-44	94+6+45+10

1.4.3 Drawing of the protective padding : See Annex 3

1.5 Description of comfort padding

1.5.1 Composition of
Comfort padding : Compound sponge
Comfort tissue : Compound cloth
Protection of the back of the nape : Compound sponge
Lateral packing : EPS and compound sponge
Lower face cover : PU and ABC

1.6 Description of the retention system

1.6.1 Chin strap
Material : Nylon Belt
Width : 22 mm/25mm
1.6.2 Retention system : Type 2: Retention system (Double "D" Ring)
1.6.3 Comfort padding of the retention system
Composition : Leather and fabric
Thickness : 2 mm
1.6.4 Anchorage system to the shell : By a metallic piece fitted to the internal part of the shell by a rivet
1.6.5 Drawing of the retention system : See Annex 4

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 3 of 26

- 1.7 Other Characteristics
- 1.7.1 Markings
 - Make : Rear part of the shell
 - Weight : Rear part of the shell
 - Size : Rear part of the shell
- 1.7.2 Indelible marking
 - How it is made : Sewing
 - Position : On the chin strap
- 1.8 Accessories
- 1.8.1 Peak : Available
- 1.8.2 Information for wearer
 - 1.8.2.1 Text : See Annex 5
 - 1.8.2.2 Position : Weave inside rear part of the padding
- 1.8.3 Bluetooth Speaker System option : See Annex 6

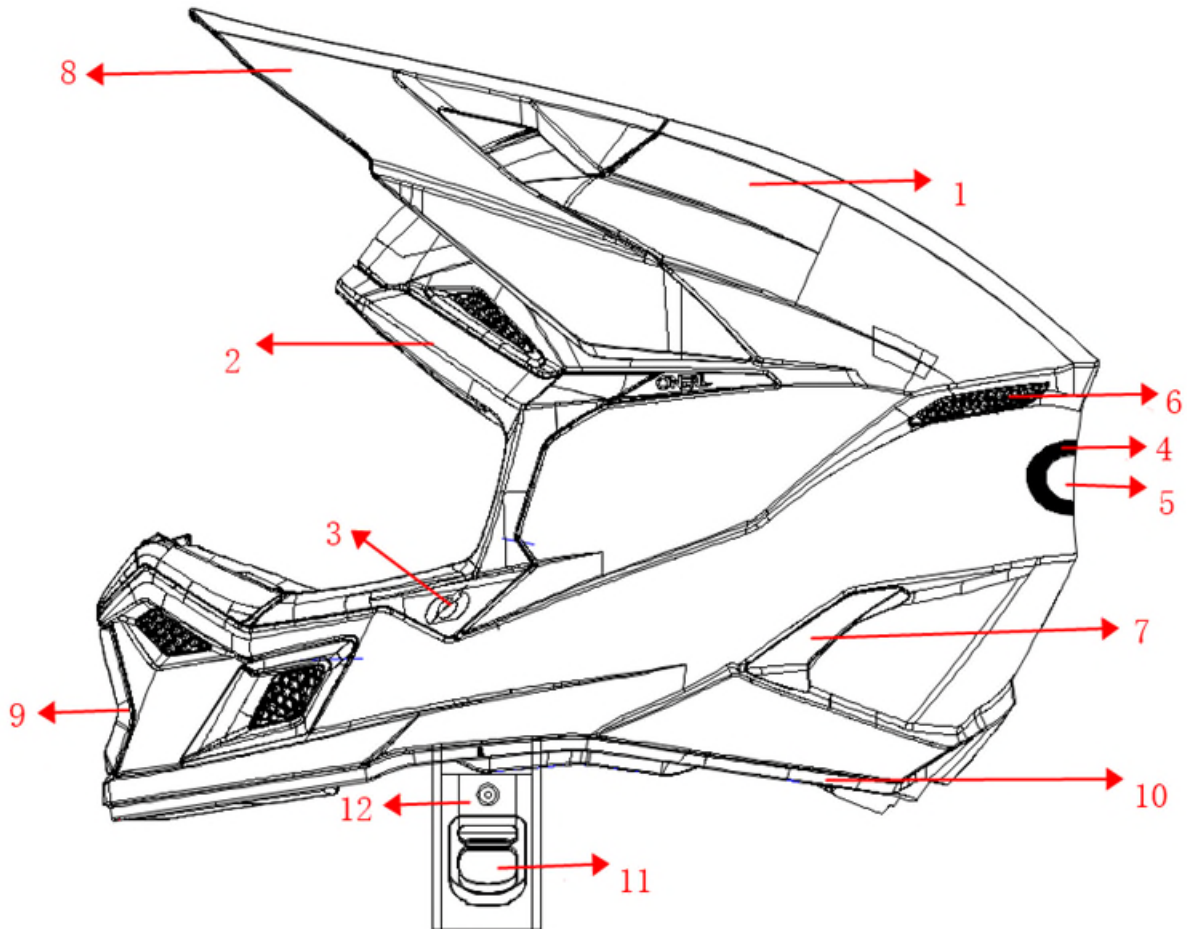
ANNEXS

Annex 1	Drawing of the helmet (1 page)	25.09.2023
Annex 2	Drawing of the shell (7 pages)	25.09.2023
Annex 3	Drawing of the protective padding (11 pages)	
	3SRS Large Main Protective Madding (Suit for L-XXL sizes of 3SRS)	25.09.2023
	3SRS Medium Main Protective Padding (Suit for XS-M size of 3SRS)	25.09.2023
	3SRS Youth Large Main Protective Madding (Suit for Y/M-Y/XL sizes of 3SRS Youth)	25.09.2023
	3SRS Crown Protective Padding (Suit for L-XXL size of 3SRS)	25.09.2023
	3SRS Crown Protective Padding (Suit for XS-M size of 3SRS)	25.09.2023
	3SRS Youth Crown Protective Padding (Suit for Y/M-Y/XL size of 3SRS Youth)	25.09.2023
	3SRS Large Ear Protective Padding (Suit for L-XXL size of 3SRS)	22.10.2025
	3SRS Medium Ear Protective Padding (Suit for XS-M size of 3SRS)	22.10.2025
	3SRS Youth Large Ear Protective Padding (Suit for Y/M-Y/XL size of 3SRS Youth)	22.10.2025
	3SRS Mouth Protective Padding (Suit for XS-XXL size of 3SRS)	25.09.2023
	3SRS Youth Mouth Protective Padding (Suit for Y/M-Y/XL size of 3SRS Youth)	25.09.2023
Annex 4	Drawing of the retention system	25.09.2023
	Retention System (Double “D” Ring)	25.09.2023
Annex 5	Information for wearer	25.09.2023
Annex 6	UA Positioning	26.11.2025

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 4 of 26

Annex 1: Drawing of the helmet



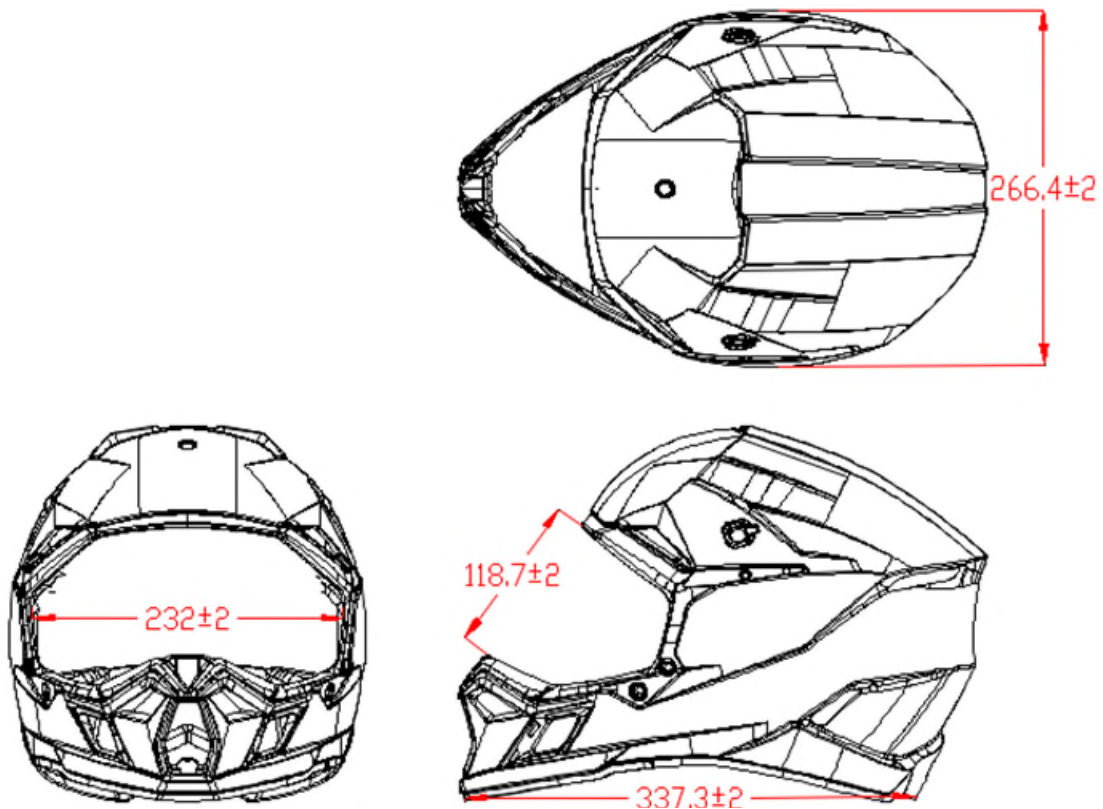
Number	Name	Material	Number	Name	Material
1	Shell	ABS	7	Side vents	ABS
2	Upper rubber trim	PVC	8	Peak	PP
3	Rivet	Steel	9	Mouth vents	ABS
4	Comfort Padding	Compound sponge and cloth	10	Lower Rubber Trim	PVC
5	Protective Padding	EPS	11	Quick Release Mechanism	Steel
6	Rear air vents	ABS	12	Chin strap	Nylon
Description	3SRS Helmet		Code No.:	3SRS.1	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

R22 E1*22R06/03*301076*01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 5 of 26

Annex 2: Drawing of the shell



Unit: mm

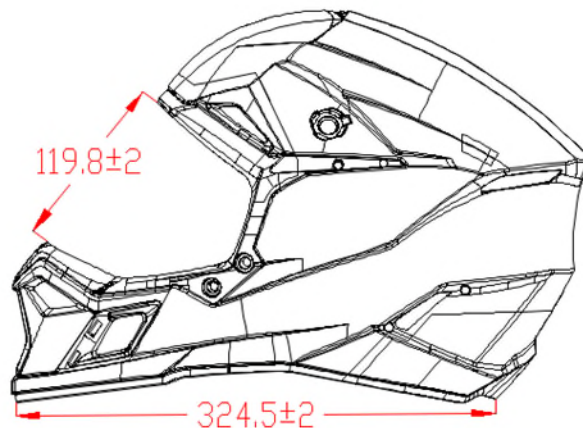
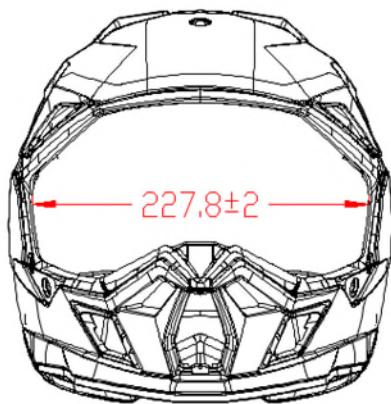
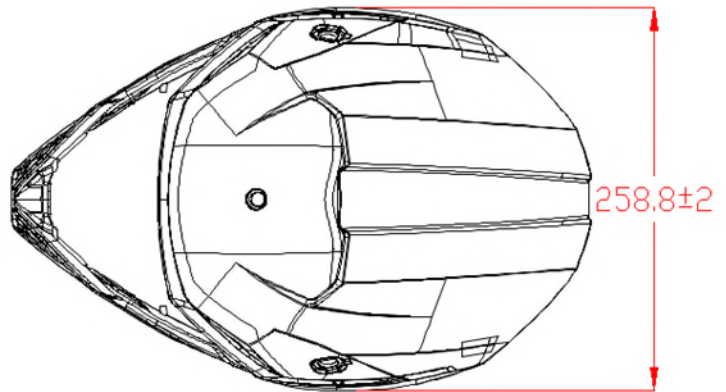
Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
Description	3SRS Shell (L-XXL)		Code No.:	3SRS.2.1	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 6 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
Description	3SRS Shell（XS-M）		Code No.:	3SRS.2.2	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

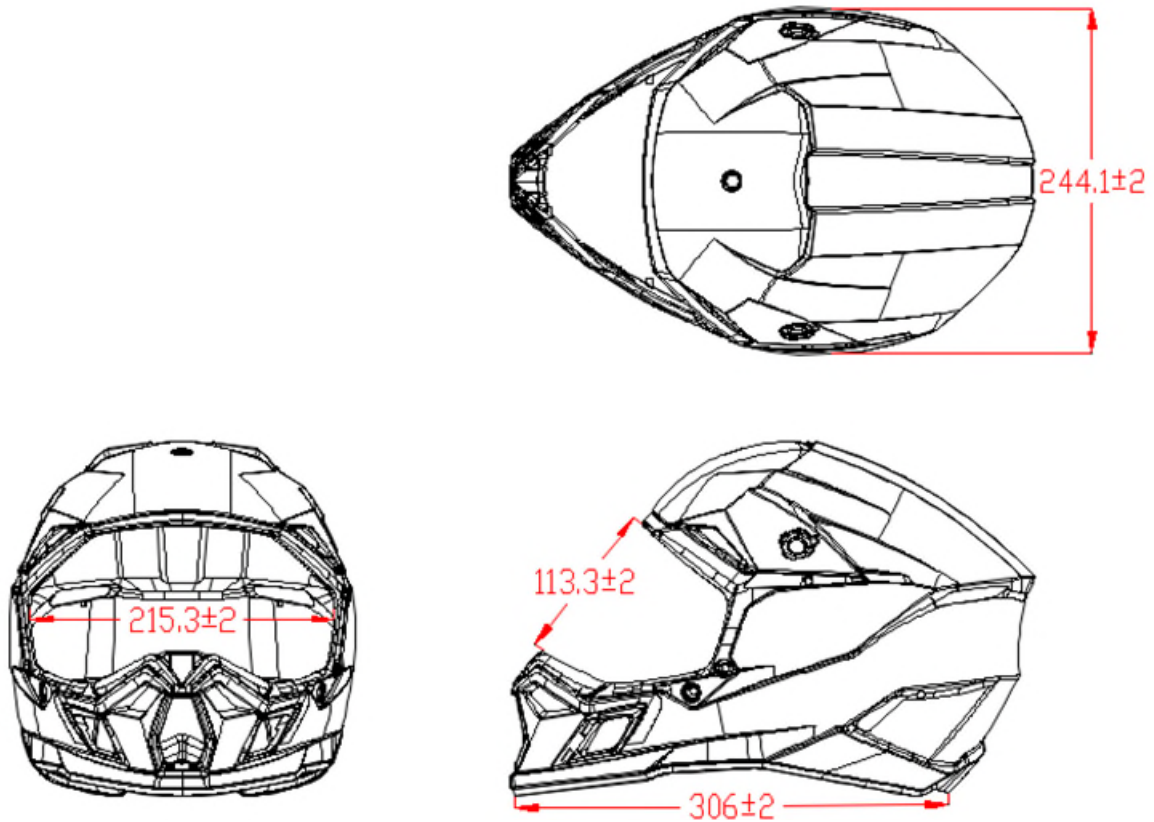
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 7 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
Description	3SRS Youth Shell （Y/M-Y/XL）		Code No.:	3SRS Youth.2.3	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

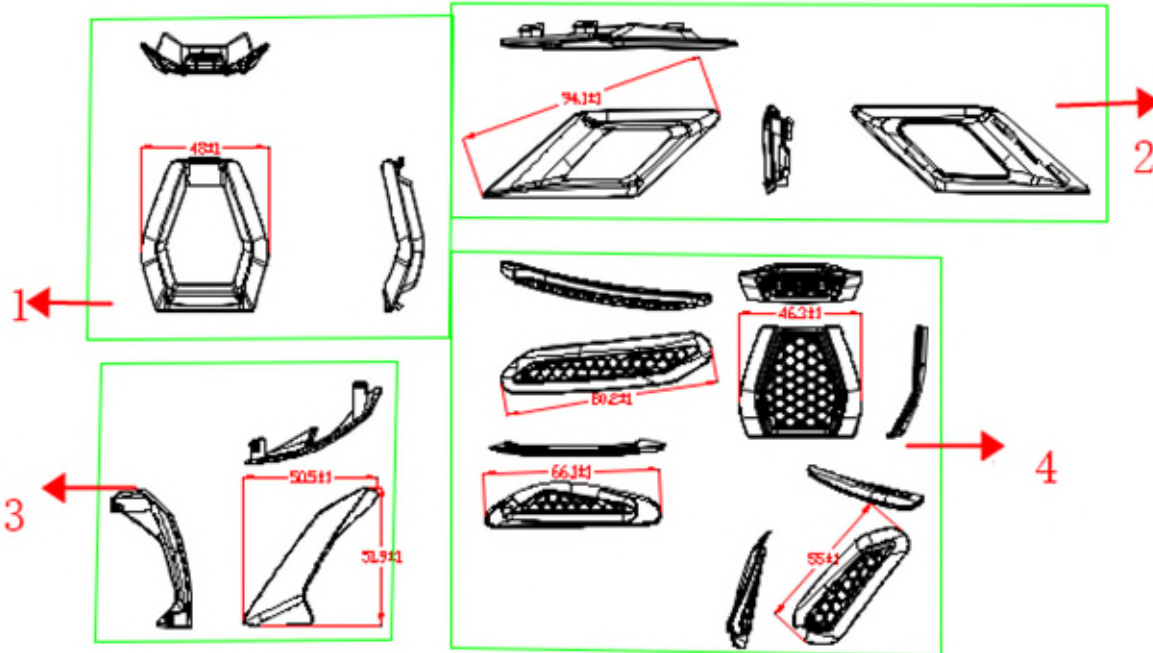
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 8 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Front Vents	ABS	3	Rear Vent	ABS
2	Side Vents	ABS	4	vent network	ABS
Description	3SRS Vents		Code No.:	3SRS.2.4	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

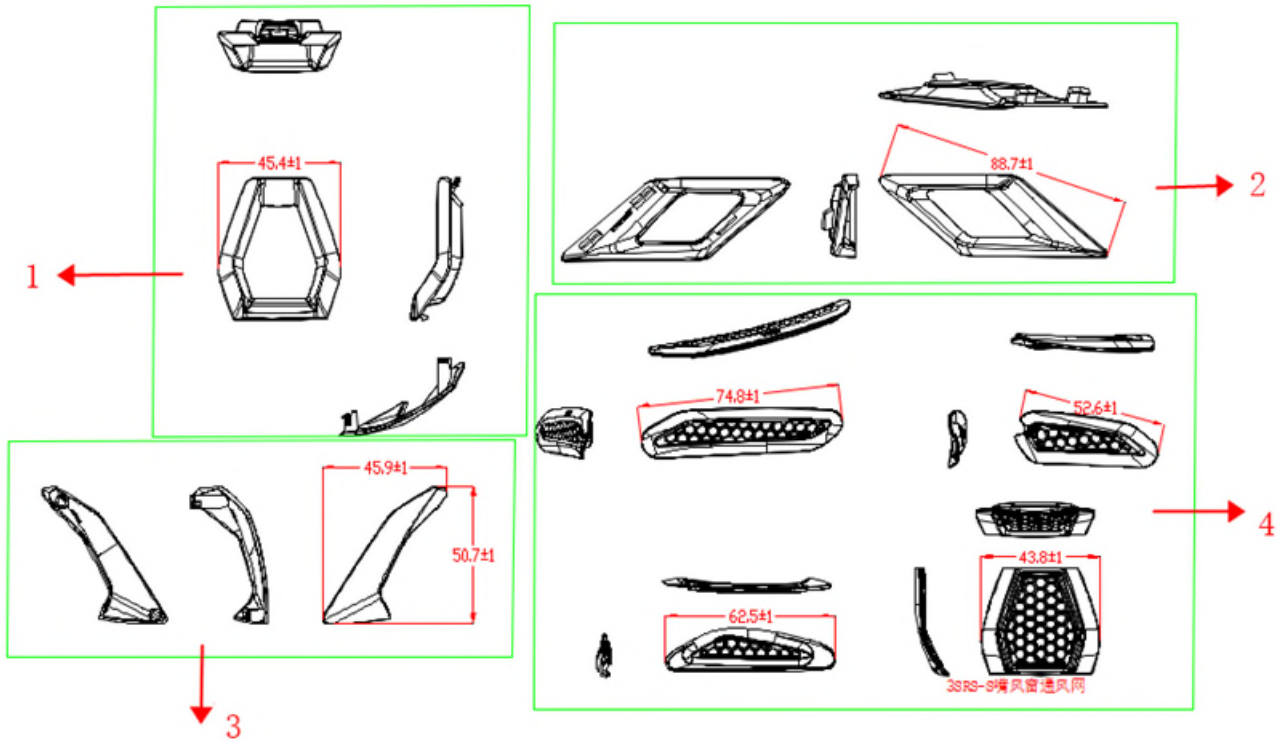
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 9 of 26



Unit: mm

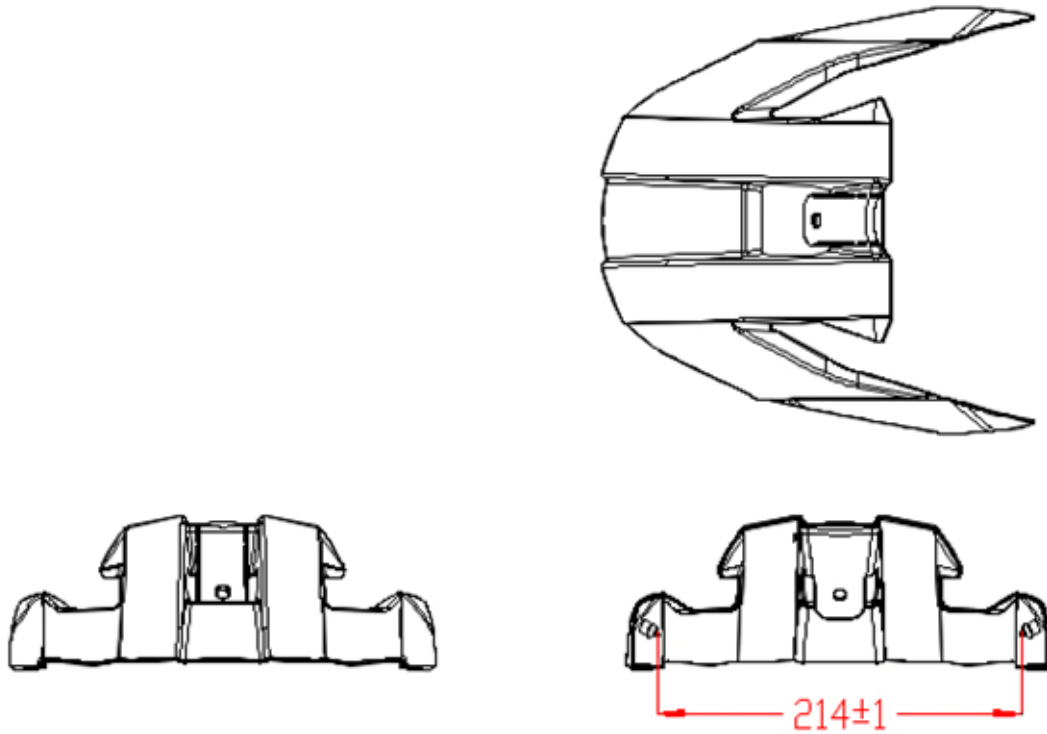
Number	Name	Parameter	Number	Name	Parameter
1	Front Vents	ABS	3	Rear Vent	ABS
2	Side Vents	ABS	4	vent network	ABS
Description	3SRS Youth Vents		Code No.:	3SRS Youth. 2.5	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	26.9.2023	Date:	26.9.2023	Date:	26.9.2023

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 10 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
13	Peak	ABS			
Description	3SRS Peak（XS-XXL）		Code No.:	3SRS.2.6	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

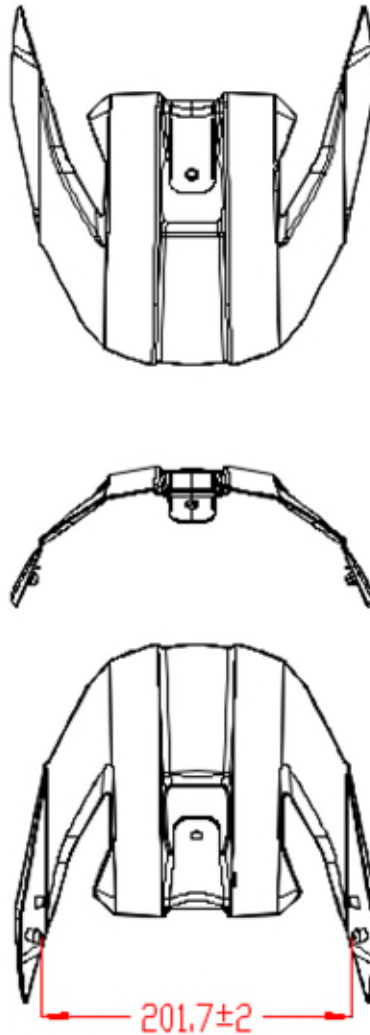
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 11 of 26

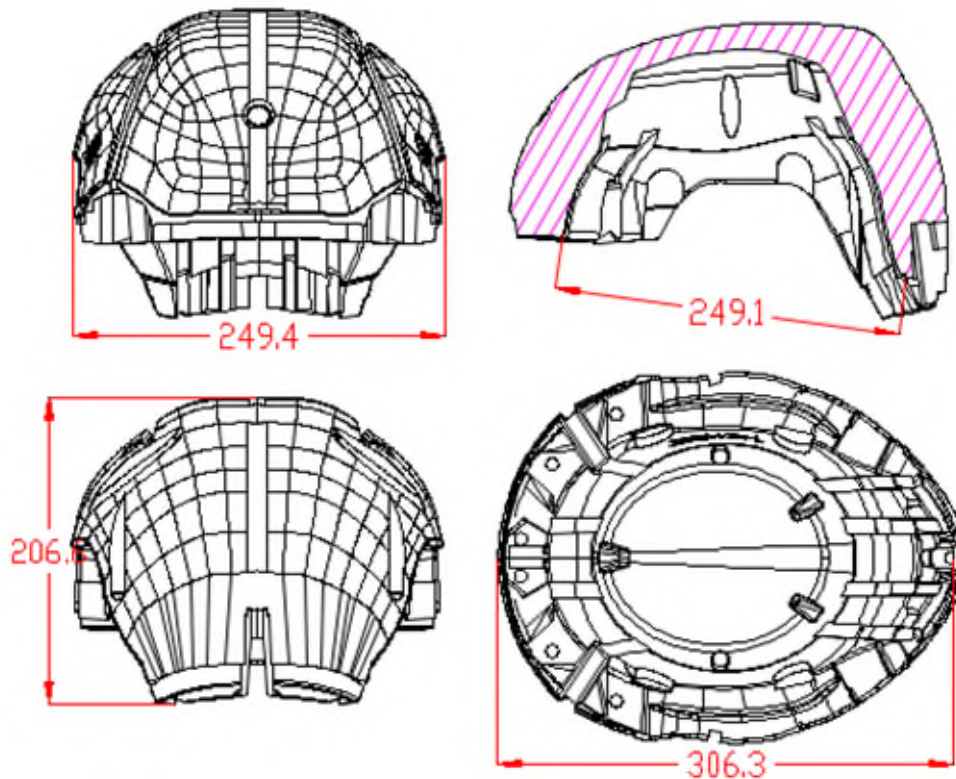


Unit: mm

Number	Name	Parameter	Number	Name	Parameter
13	Peak	ABS			
Description	3SRS Youth Peak（Y/M-Y/XL）		Code No.:	3SRS Youth.2.7	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	26.9.2023	Date:	26.9.2023	Date:	26.9.2023

R22 E1*22R06/03*301076*01

Annex 3: Drawing of the protective padding



Unit: mm

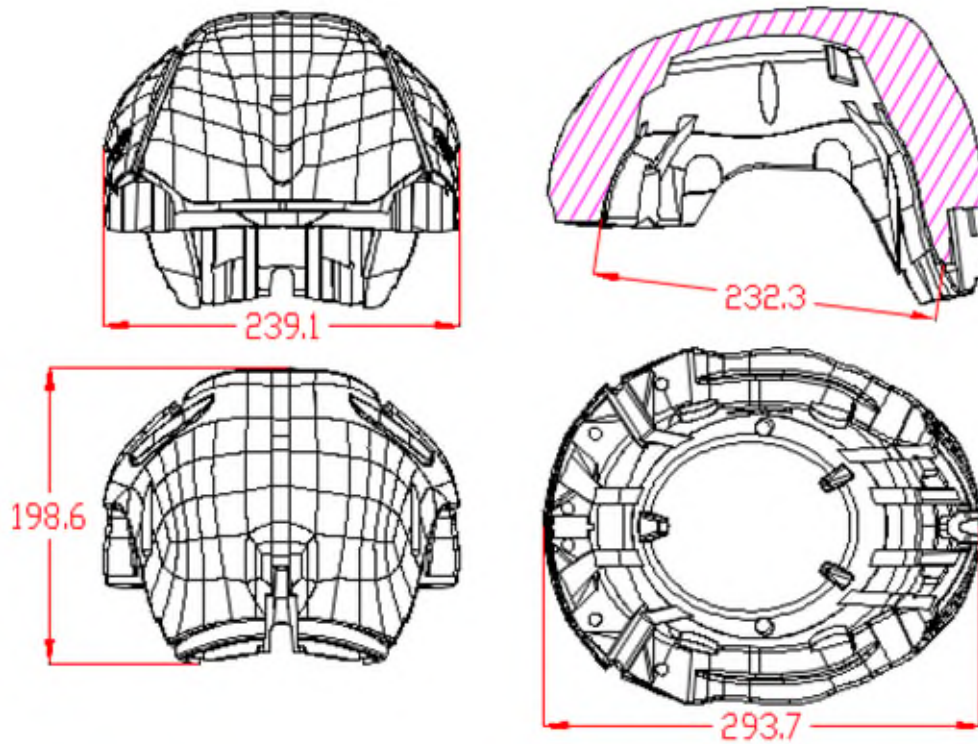
Number	Name	Parameter	Number	Name	Parameter
1	Main Protective Padding	EPS			
Description	3SRS Large Main Protective Padding (Suit for L-XXL size of 3SRS)		Code No.:	3SRS.3.1	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 13 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Main Protective Padding	EPS			
Description	3SRS Medium Main Protective Padding (Suit for XS-M size of 3SRS)		Code No.:	3SRS.3.2	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

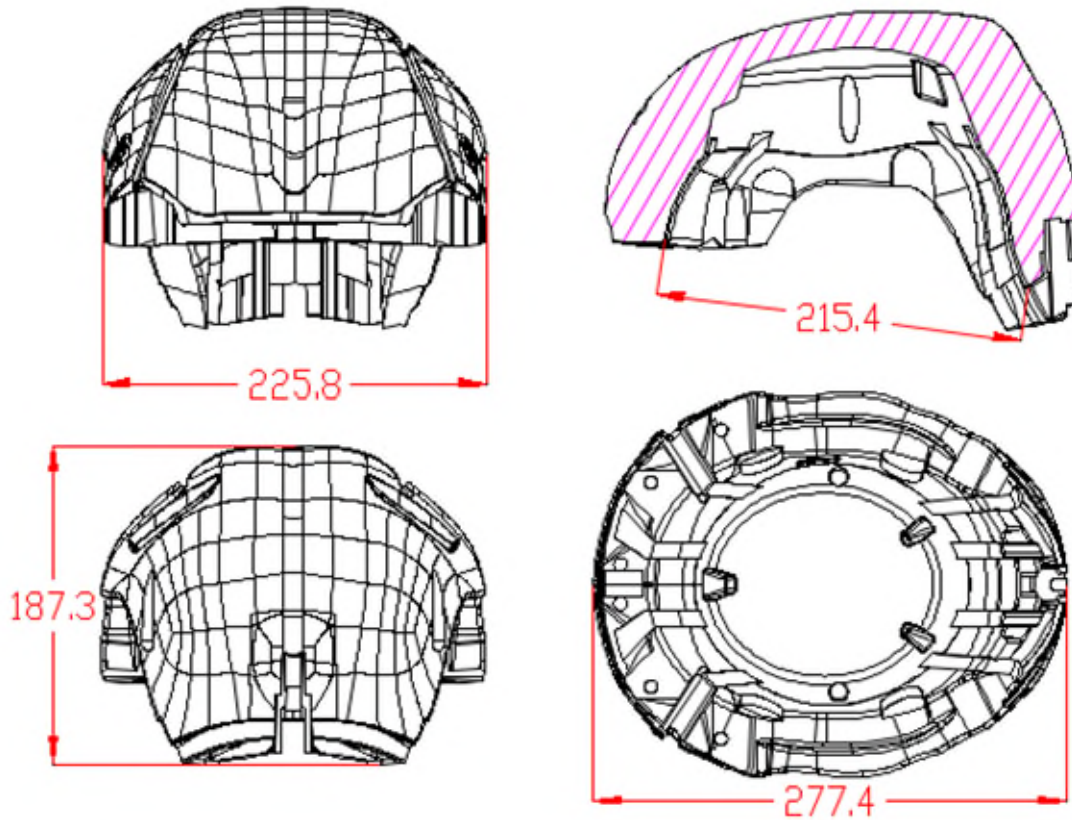
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 14 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Main Protective Padding	EPS			
Description	3SRS Youth Large Main Protective Padding (Suit for Y/M-Y/XL size of 3SRS Youth)		Code No.:	3SRS Youth.3.3	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	26.9.2023	Date:	26.9.2023	Date:	26.9.2023

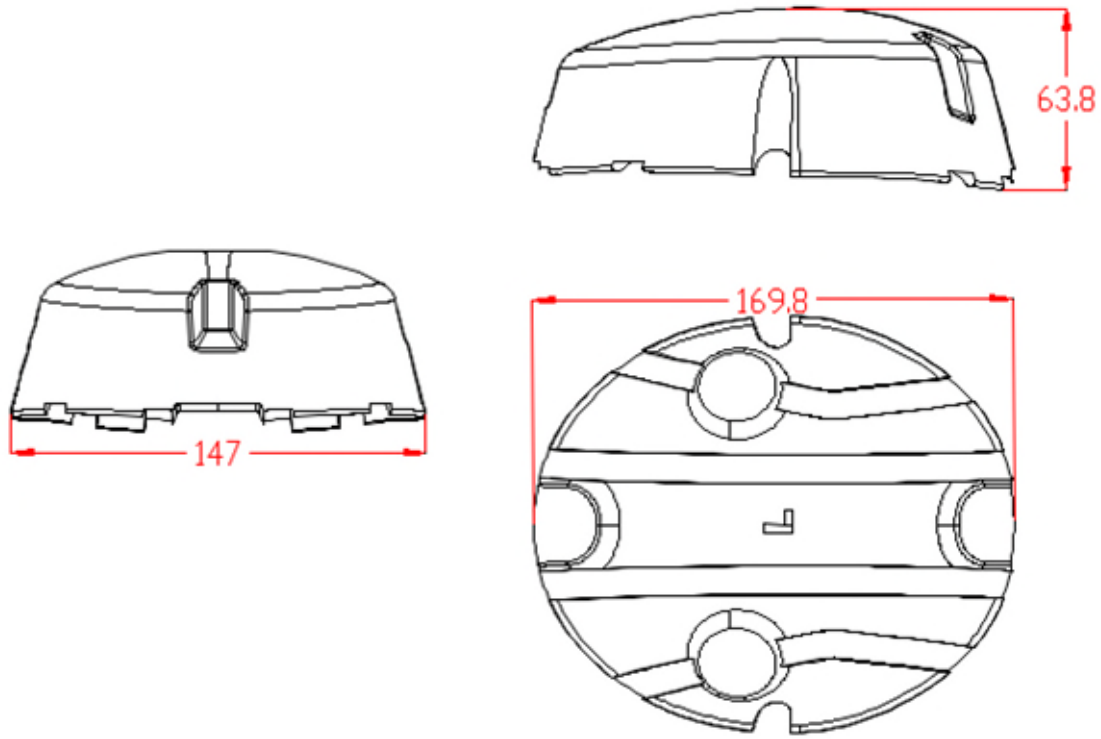
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 15 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
2	Crown Protective Padding	EPS			
Description	3SRS Crown Protective Padding (Suit for L-XXL size of 3SRS)		Code No.:	3SRS.3.4	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

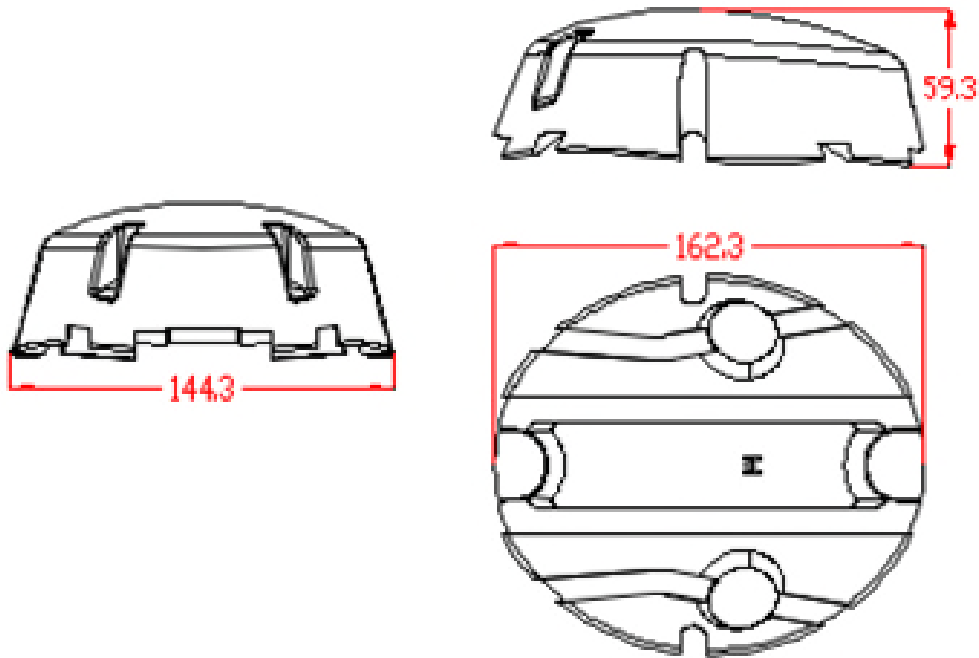
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 16 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
2	Crown Protective Padding	EPS			
Description	3SRS Crown Protective Padding (Suit for XS-M size of 3SRS)		Code No.:	3SRS.3.5	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

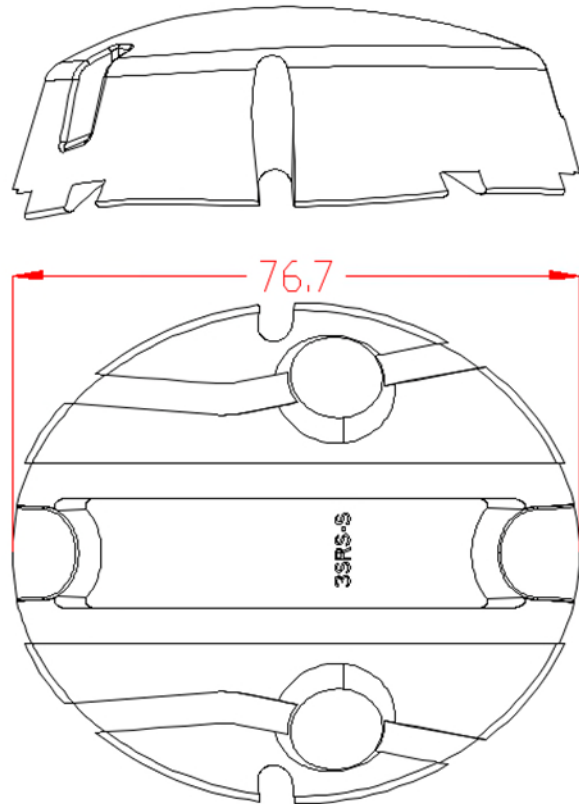
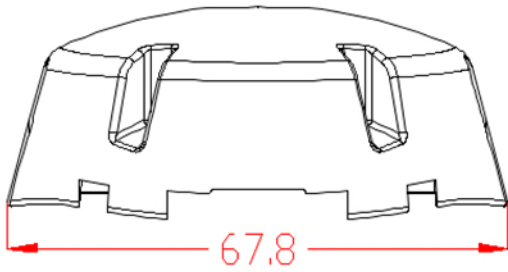
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 17 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
2	Crown Protective Padding	EPS			
Description	3SRS Youth Crown Protective Padding (Suit for Y/M-Y/XL size of 3SRS Youth)		Code No.:	3SRS Youth.3.6	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	26.9.2023	Date:	26.9.2023	Date:	26.9.2023

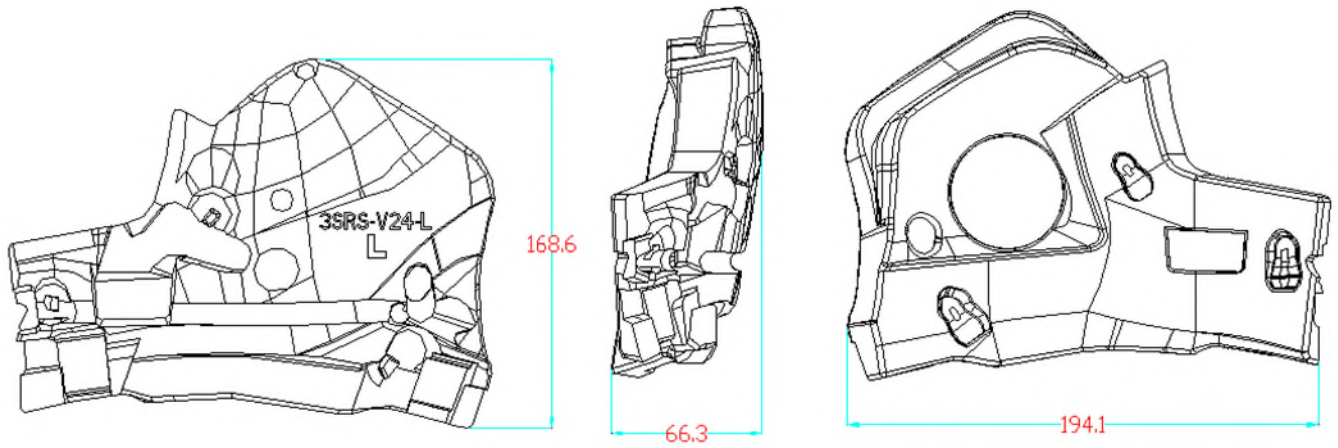
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 18 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
3	Ear Protective Padding	EPS			
Description	3SRS Large Ear Protective Padding (Suit for L-XXL size of 3SRS)		Code No.:	3SRS.3.7.1	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province,China				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	22.10.2025	Date:	22.10.2025	Date:	22.10.2025

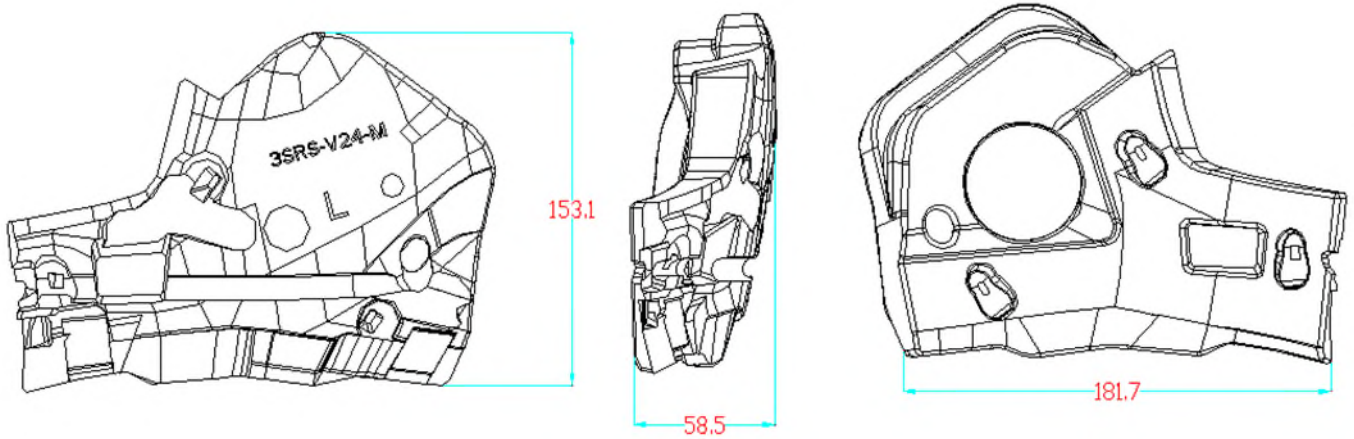
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 19 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
3	Ear Protective Padding	EPS			
Description	3SRS Medium Ear Protective Padding (Suit for XS-M size of 3SRS)		Code No.:	3SRS.3.8.1	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province,China				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	22.10.2025	Date:	22.10.2025	Date:	22.10.2025

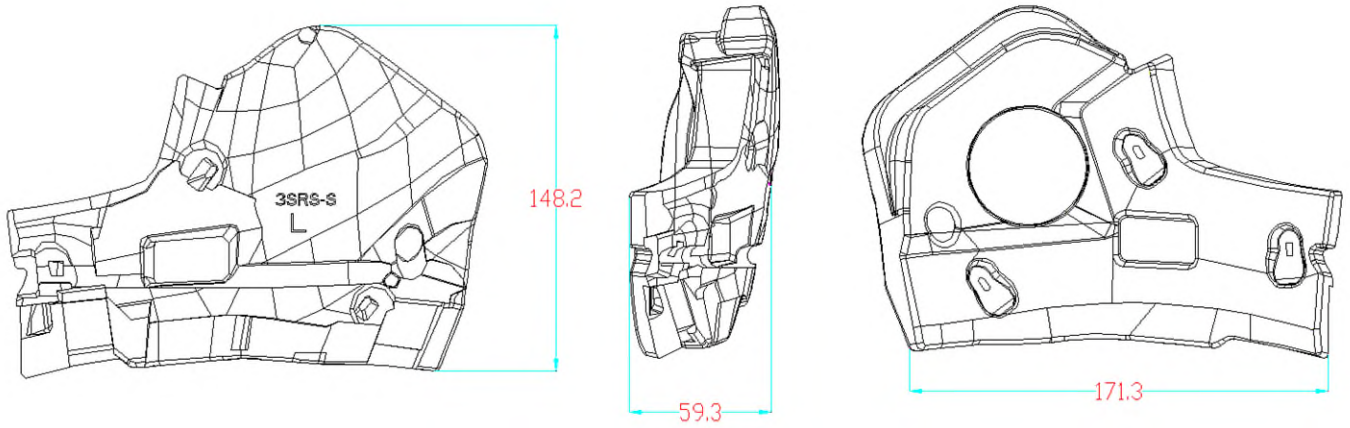
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 20 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
3	Ear Protective Padding	EPS			
Description	3SRS-S Large Ear Protective Padding (Suit forY/M-Y/XL size of 3SRS-S)		Code No.:	3SRS YOUTH.3.9.1	
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.				
Address:	Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, China				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	22.10.2025	Date:	22.10.2025	Date:	22.10.2025

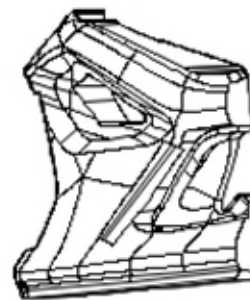
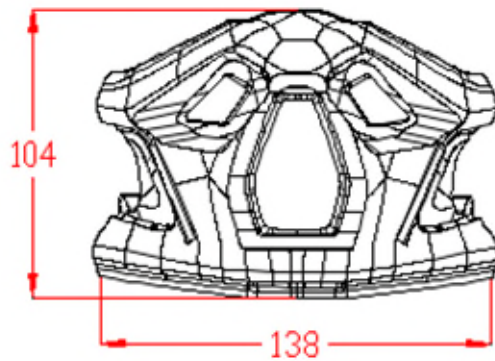
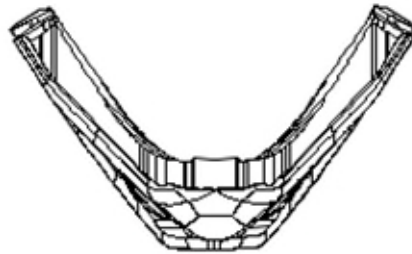
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 21 of 26



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
4	Mouth Protective Padding	EPS			
Description	3SRS Mouth Protective Padding (Suit for XS-XXL size of 3SRS)		Code No.:	3SRS.3.10	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

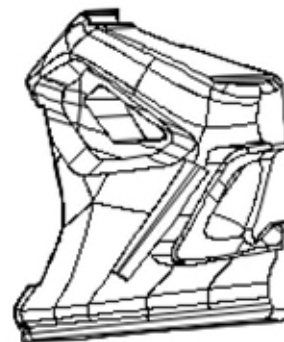
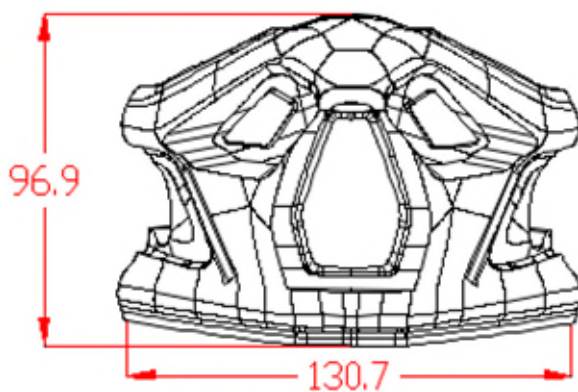
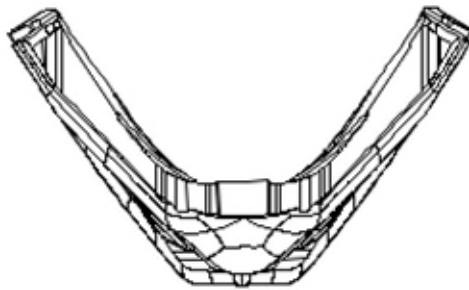
R22 E1*22R06/03*301076*01

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 22 of 26



Unit: mm

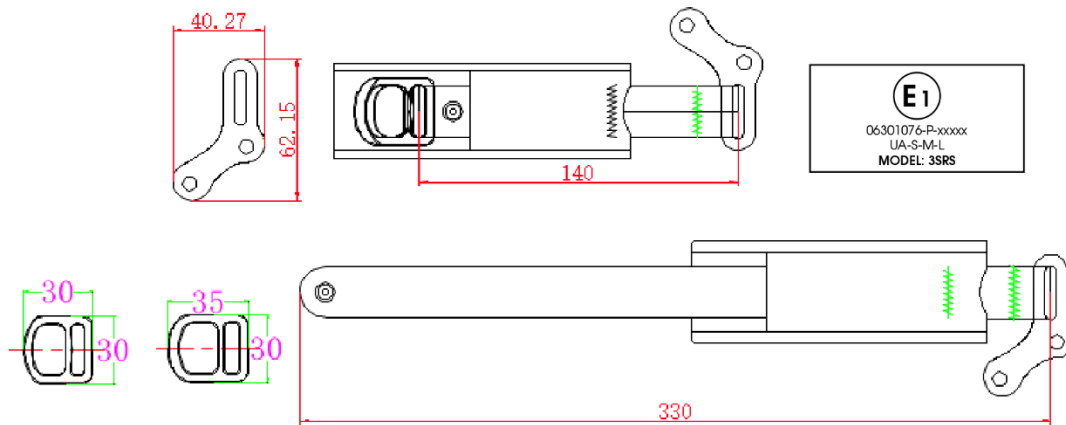
Number	Name	Parameter	Number	Name	Parameter
4	Mouth Protective Padding	EPS			
Description	3SRS Youth Mouth Protective Padding(Suit for Y/M-Y/XL size of 3SRS Youth)		Code No.:	3SRS Youth.3.11	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	26.9.2023	Date:	26.9.2023	Date:	26.9.2023

R22 E1*22R06/03*301076*01

Type : 3SRS
 Manufacturer : O`Neal Europe GmbH & Co.KG

Date: 01.12.2025
 Page 23 of 26

Annex 4: Drawing of the retention system



Unit: mm

Number	Name	Material	Number	Name	Material
1	Hinge	Steel	4	ECE Marking	Cloth
2	Double “D” Ring	Steel			
3	Chin Strap	Nylon			
Description	3SRS Retention System (Double “D” Ring)		Code No.:	3SRS.4	
Manufacturer:	O`Neal Europe GmbH & Co.KG				
Address:	Erich-Blum-Str. 33 71665 Vaihingen/Enz - Germany				
Drawn by:	Wang Fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	25.9.2023	Date:	25.9.2023	Date:	25.9.2023

R22 E1*22R06/03*301076*01

Annex 5: Information for wearer

WARNING

No helmet can protect the user from all possible and foreseeable impacts.

1. For adequate protection, this helmet must fit closely and be securely attached. Any helmet that has sustained a violent impact should be replaced.
2. Visors (if fitted) with the marking indicating "daytime use only" are not suitable for use during the hours of darkness or in conditions of poor visibility. The fastening of visor is such that it may not be possible to remove it instantly from the line of sight with one hand should an emergency (such as headlamp glare or misting) occur.
3. To maintain the full efficiency of the helmet, any modification to the structure of the helmet or its parts is not allowed.
4. Do not apply paint, stickers, petrol or other solvents to this helmet. Hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions will affect the shell material adversely.

Shell is made by injection method using acrylonitrile butadiene styrene and polycarbonate blending thermoplastic. Lining is made of expanded polystyrene.

Important: read helmet user's guide for additional information prior to using your new helmet.

WARNING

1. TO CLEAN THE VISOR USE HOUSEHOLD WINDOW CLEANER AND A LINT FREE TOWEL ONLY. CAUSTIC CHEMICALS OR SOLVENT MUST NOT BE USED.
2. BEFORE CLEANING VISOR, BE SURE TO BRUSH AWAY ANY LARGE PIECES OF DIRT.
3. VISORS WITH THE MARKING "DAYTIME USE ONLY" ARE NOT SUITABLE FOR USE DURING THE HOURS OF DARKNESS OR IN CONDITIONS OF POOR VISIBILITY.

Annex 6: Additional Documentation

Impact Areas and permitted mounting zones

The following photos show the impact affected areas used during testing.

The Bluetooth control unit must be mounted outside these zones and at least 30 mm from their boundary.

- **Figure 1: front view**
- **Figure 2: left side view**
- **Figure 3: rear view**
- **Figure 4: right side view**
- **Figure 5: mounting point external devise**



Figure 1



Figure 2

INFORMATION DOCUMENT

R22-3SRS-01

Type : 3SRS
Manufacturer : O'Neal Europe GmbH & Co.KG

Date: 01.12.2025
Page 26 of 26



Figure 3



Figure 4



Figure 5