



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE ~~APPROVAL GRANTED~~⁽¹⁾ / ~~APPROVAL EXTENDED~~⁽⁴⁾ /
~~APPROVAL REFUSED~~⁽⁴⁾ / ~~APPROVAL WITHDRAWN~~⁽⁴⁾ / ~~PRODUCTION DEFINITELY~~
~~DISCONTINUED~~⁽⁴⁾ OF A TYPE OF PROTECTIVE-HELMET-WITHOUT / WITH⁽⁴⁾ ONE / MORE⁽¹⁾
VISOR TYPE(S) WITHOUT / WITH⁽¹⁾ ONE / MORE⁽¹⁾ SPECIFIC ACCESSORY TYPE(S)
PURSUANT TO UN REGULATION NO. 22.06



Approval No: E11*22R06/02*0710*02

Reason(s) for extension:

- 1) Updated to add CARDO VENTURE
- 2) Add new SA UCS Leatt Edge
- 3) Update of a supplement 02

1. Trademark: LEATT
2. Type: MOTO 8.5 and CARDO VENTURE
3. Sizes: XS (53/54) S (55/56) M (57/58) L (59/60) XL (61-62) XXL (63-64)
4. Manufacturer's name: Leatt® Corporation (South Africa)
5. Address:
No. 50 Kiepersol Crescent
Atlas Gardens
Durbanville 7550
Cape Town
Republic of South Africa
6. If applicable, name of manufacturer's representative: Not applicable
7. Address: Not applicable
8. Brief description of helmet: See Manufacturer's documentation
9. ~~Helmet without lower face cover (J) / with protective lower face cover (P) / with non protective~~
~~lower face cover (NP) / with detachable or movable lower face cover (P/J)~~⁽¹⁾

VCA035039-1

10. Type of visor or visors: Not applicable
11. Brief description of visor or visors and inner visor if any: See Manufacturer's documentation
12. Helmet ready for specific accessory (SA) / ~~ready for universal accessories (UA)~~ ⁽¹⁾ UCS Leatt Edge
13. Accessories included in the helmet homologation and functionality: UCS Leatt Edge
14. If UA helmet, speakers (S or S45) / Microphone (M) / Front mounting (F) / Side mounting (L), Rear mounting (R) ⁽¹⁾ Not applicable
- 14.1. If S40 or S45, speaker dummy used for the homologation test deformable / rigid ⁽¹⁾ Not applicable
15. Submitted for approval on: 15 December 2025
16. Technical service responsible for conducting approval tests: Omega S.r.l
17. Date of report issued by that service: 20 February 2026
18. Number of report issued by that service: VCA035039
19. Comments: None
20. Approval ~~GRANTED~~ / EXTENDED / ~~REFUSED~~ / ~~WITHDRAWN~~ ⁽¹⁾
21. Place: BRISTOL
22. Date: 23 FEBRUARY 2026
23. Signature:



C McCABE
Chief Technical and Statutory Operations Officer

21. The following documents, bearing the approval number shown above, are available on request:

(1) Strike out what does not apply
VCA035039-1



Vehicle
Certification
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

APPROVAL NUMBER: E11*22R06/00*0710*02

INFORMATION PACKAGE CONTENTS

INDEX REVISION NUMBER: 00

Conformity of Production (COP) Declaration **COP Confirmed**

Assessment Method **COP Audit**

Date of Initial Clearance **June** **2018**

Date of Last Clearance **May** **2025**

Total number of sheets: 12 (Twelve)

Reasons for Revision: Not applicable

Revision Date
&
Office Stamp

LEATT CORPORATION
TECHNICAL FILE 172
REVISION 03
PERSONAL PROTECTIVE EQUIPMENT
HELMET LEATT MOTO 8.5



Prepared by Leatt®-Lab
December 2025

R&D Department

Document No: TF 172

Revision 03

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Document Change Log

GENERAL INFORMATION

- 1. File Number:** TF 172 **Revision Status:** R 03 **Date:** 11th Dec 2025
- 2. Manufacturer's name and address**
Leatt® Corporation (South Africa)
No. 12 Kiepersol Crescent
Atlas Gardens
Durbanville 7550
Cape Town
Republic of South Africa
- 3. Company representative**
not applicable
- 4. Name and address of assembly plant**
DongGuan City EON Sporting Goods Co.Ltd
Building1, QiSha Industrial Park
QiSha Village, ShaTian Town
Dongguan City, Guangdong Province, China
Tel: +8676981698688, Fax: +8676981698819
Email: pollyxie@eon-sports.com.cn
- 5. Trade Mark** LEATT
- 6. Type** **MOTO 8.5 & CARDO VENTURE**

6.1 Helmet Type

Motocross Helmet providing head protection for motorcyclists meeting the requirements of ECE22.06, DOT.

- ECE 22.06 Regulation - Uniform Provisions Concerning the approval of protective helmets and their visors for drivers and passengers of motorcycles and mopeds.
- DOT Standard No. 218 - Motorcycle Helmets – US National Highway Traffic Safety Administration.

PRODUCT INFORMATION

7.1 Parts list

See Annexure B

7.2 Product Pictures

Examples of the Helmet MOTO 8.5



Examples of the Helmet CARDO VENTURE



7.3 Product Description (base model)

The Leatt MOTO 8.5 / CARDO VENTURE Series Helmet is an innovative approach to head protection that significantly reduces the physical size and weight of the helmet and the negative effects of rotational impacts.

It features a viscous-elastic polymer material that is built into a circular array of impact-absorbing spacers placed between the rider's head and the helmet's padded EPS liner to help control head rotation within the helmet liner while protecting the brain from low energy impacts -considered to be the leading cause of concussions among off-road motorcycle riders.

About the size of a US quarter, these 'Turbine 360' buttons fulfil two critical duties. The energy absorbing material slows low-speed impacts well before the head contacts the EPS liner, while the spoked 'turbine' design allows the head to rotate slightly inside the helmet, should the rider receive a glancing blow.

Features:

- Composite shell in three sizes
- Brain injury reduction technology
- Reduces forces associated with concussion
- Pro-Fit elastic comfort liner that shapes to your head
- Large ventilation channels to keep your head cool even at lower speeds
- 4 densities of Impact foam for reduction of forces to head and brain
- Visor has breakaway function to reduce forces to head and neck in a crash
- X-Static® Inner liner is washable, breathable and has moisture wicking anti-odor fabric
- Designed to offer great neck brace mobility
- Emergency cheek pad removal
- Hydration side port (with optional hands-free kit)
- Includes Visor extension
- 360° Turbine Technology
 - Reduced peak brain acceleration by up to 30% at impact speeds associated with concussion
 - Reduces peak brain rotational acceleration by up to 40%
- Certified and tested: DOT+ECE 22.06. Exceeds new FIM standards.
- Weight: DOT+ECE from 1250 ± 50g

7.3.1 Product Description (variant models)

CARDO VENTURE variant has a rear housing for a onboard CARDO communication unit, as well as a dedicated side mount for the remote and internal channels for wiring, speakers and the microphone.

7.4 Shell Materials

Composite Fibres

7.5 Liner

EPS (Expanded Polystyrene)

7.6 Padding

Moulded EVA

360° 'turbines'

7.7 Accessories

- Hydration ready Optional internal hands-free kit available
- Emergency removable safety cheek pads
- Peak with break-away function

7.8 Retention System

- Double D type retention system, made in Aluminium. See drawings in annexure B for more details.

7.9 Reflective Bands

- See report number "*Report-0265EU15*" with reflective qualities and drawings in annexure B for design details.

7.10 Weight

The following weights have been defined with a tolerance of $\pm 50\text{g}$

Sizes	Weight [g] without accessories
Adult XS / S	1250
Adult M	1305
Adult L	1340
Adult XL / XXL	1430

8. Helmet Drawings and General assembly of product

General dimensions:

Size	Shell			EPS		
	Width	Length	Height	Width	Length	Height
XS / S	268	361	309	260	294	276
M/L	260	350	300	256	287	270
XL/XXL	252	342	276	244	268	255

Please refer to Annexure B for drawings and assembly details.

This is a direct extract from the Leatt data pack with unnecessary detail removed.

9. Outline of method of manufacture: Material testing and cutting, assembly order and the inspections that are made, finishing and inspection

Leatt® Corporation applies quality management with due regard to ISO 9001. Quality procedures detail the type and quantity of inspections to be performed on production runs, including a requirement for sampling of all products, components and manufacturing processes at each stage of production; plus a requirement for testing of completed products at regular intervals, or where there are concerns that a serious non-compliance may have occurred. Leatt Quality personnel are directly involved in the guidance and training of supplier Factory Quality teams where necessary.

Materials and components from non-ISO 9001 accredited suppliers are checked for conformity before being moved to the stores. For such suppliers, a sample representing 5% of a shipment quota is checked and after passing inspection shipments are stored in a specific area. For ISO 9001 accredited suppliers, the inspection is 0.5%, selected at random and checked in the manner described above.

Materials are required to be within the tolerances of the LEATT specifications and designs. In the event of non-conformity, either the entire shipment is repackaged (marked clearly as “rejected”), quarantined, and returned to the supplier for rework or credit or subject to 100% inspection and non-conforming materials removed and rejected.

All fabrics and lining materials are cut to size from templates to an accuracy of $\pm 3\%$. Continual visual checks are made, usually following each cutting operation, to ensure that the pattern has not been damaged or otherwise dimensionally-changed due to wear and tear.

Components for products of the same variant type and size are prepared at the same time, or are prepared on physically separated production lines. Components are clearly tagged or otherwise marked with the variant type and size, and at all stages of the manufacturing process are kept completely separate from other components for different product variants and sizes. If at all possible, production of different variants and sizes does not take place at the same time.

Assembly is performed in accordance with the procedures specified in Leatt® Corporation's Production Manuals. Constant visual inspections are made to ensure that

- All components are for the correct, same variant and size of product
- All badges and labels are fitted

All completed products are then submitted for Final Inspection, where checks are made to ensure that the correct assembly specification has been met. Where this is the case, swing tickets, including



warning labels, are attached by one or more nylon tags and the product is placed within packaging. Should a non-conformance be discovered, however, a “rejected” label is attached to the product, with an explanation of the non-conformance written on the reverse of the label, and returned to the assembly department for corrective action.

10. Sizing

The products described in this Technical File are available to fit a broad range of head sizes.

Model Size	Head Size	Shell	EPS
Adult XS (Extra Small)	53-54cm	Small	Small
Adult S (Small)	55-56cm		
Adult M (Medium)	57-58cm	Medium	Medium
Adult L (Large)	59-60cm		
Adult XL (Extra Large)	61-62cm	Large	Large
Adult XXL (Extra Extra Large)	63-64cm		

11. Labelling

11.1 Applicant's statement of labelling

The following information will be clearly affixed to the helmet, in a visible place and respecting the location and dimensions required by the applicable standards.

- Product brand and variant identification (e.g. "Helmet MOTO 8.5");
- The appropriate Certification markings as required by the applicable standards;
- A size designation in accordance with the applicable standards
- A means of identifying the date of manufacture, such as a batch number.
- Its maximum weight, to the nearest 50 grams, as placed on the market.

11.2 Examples of product labels see following reference documents:

- “9.5 & 8.5 2020-02-12_Revised DOT & Size labels”
- “GPX7.5-8.5-9.5-warning-label_03”
- “Cheek-pad-labels_003”
- 2021 Helmet Packaging V11 CTP 674-19”

Technical File for EC Type-Examination

Leatt® Corporation

PERSONAL PROTECTIVE EQUIPMENT
Helmet MOTO 8.5

ANNEXURE A

MANUFACTURER'S INFORMATION

See following enclosures for the Manufacturer's information:

- "Owner's Manual"

Technical File for EC Type-Examination

Leatt® Corporation

PERSONAL PROTECTIVE EQUIPMENT
Helmet MOTO 8.5

ANNEXURE B

TECHNICAL DRAWINGS

See following enclosures for Technical Drawings:

- Assembly Drawings
- GPX 5.5_2020 Shell with dimensions
- GPX 5.5_2020 EPS
- 2020-02-04_8.5 Helmet Chin Strap Lengths - Rev1
- Leatt 2021 D-ring
- 2020 Moto Helmet - French Reflective Sticker 069-20

REVISION LOG		
Document		Leatt Corporation Technical File <i>HELMET MOTO 8.5</i>

Rev Number	Date	Page#, Section	Reason for Change
01	21-January-2020	All pages	Preliminary Draft for comment
02	10-April-2021	All pages	Updated to 22.06
3	11-Dec-2025	All pages	Updated to add CARDO VENTURE -Add new SA UCS Leatt Edge -Update of a supplement 02

Name: Pieter-André Keevy
Position: Biomedical Engineer
Signature:



EXTENSION UNECE n°22 Series 06

Job Number	[VCA035039]		
Report	Code:	Leatt MOTO8.5 E2206 Helmet Extension 20251210	
	Date:	10/12/2025	
Manufacturer	Name:	Leatt® Corporation	
	Address:	12 Kiepersol Crescent Atlas Gardens Business Park Cape Farms Durbanville South Africa	
Representative	[it does not apply]		
Sample	Helmet model:	MOTO8.5	
	Approval n°:	E11*22R06/02*0710*02	
	Stickers from n°:	n/a	to n°: n/a Batch n°: n/a
	Arrival date:	24/11/2025	Testing date: 10/12/2024
Test Site	[OMEGA CHINA] / [OMEGA ITALY]		

Essential Technical Data

SIZE RANGE	[XS 53-54cm S 55-56cm M 57-58cm L 59-60cm XL 61-62cm XXL 63-64cm]	
SHELL MATERIAL	[Composite]	
WEIGHT	[gr XS-S 1250 ± 50, M 1305 ± 50, L1340 ± 50, XL-XXL 1430 ± 50]	
RETENTION SYSTEM	[DD-Ring]	
REFLECTIVE BANDS	No	
ENVIRONMENTAL CONDITIONS	Temperature [°C]	[22]

Used Machine	Identifier /Manufacturer	Expiry Date
Tracking point of impact	L4 (AD Engineering)	Daily Check IO 7.2.13
Shock absorption / DLS 9000	L1 (AD Engineering)	[15 December 2025]
Chin strap resistance	L5 (Hototech)	[27 December 2028]
Conditioning chamber: Freezer	L10 (Hototech)	[27 November 2027]
Conditioning chamber: Oven	L9 (Hototech)	[27 November 2027]
Compressibility	M0030 (AD Engineering)	[21/05/2030]
Chin strap efficiency [Roll-off]	L7 (Hototech)	[06/01/2030]

The Helmet has been tested in the different configurations as supplied by the client.

Job Number: [VCA035039]

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HELMET IMAGES



Front



Side 1



Side 2



Rear

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GENERAL SPECIFICATION TEST
SIZES XS (53-54) S (55-56) M (57- 58) L (59-60) XL (61-62) XXL (63-64)

Reference	General Specification		Result	
			Pass (or N/A)	Fail
6.1	Hard shell		Pass	
6.1	Impact absorption system (see test data in this report)		Pass	
6.1	Retention system		Pass	
6.2.2	Marked "Does not protect chin from impacts" (if applicable)		N/A	
6.4.1	Extent of protection		Pass	
6.4.2	Nape cylinder		Pass	
6.4.3	Protective padding		Pass	
6.5	Outer round surface – Auditive faculties		Pass	
6.6	Projections (≥ 2 mm)		Pass	
6.7	External Projections ($h \leq 2$ mm – $r \geq 1$ mm) ; ($h \geq 2$ mm – $r \geq 2$ mm)		Pass	
6.8	Helmet interior		Pass	
6.9	Assembly		Pass	
6.10	Chin strap abrasion		Pass	
6.11 - 6.11.1	Retention system – Chin strap width (≥ 20 mm)		Pass	
6.11.2	Under-chin		Pass	
6.11.3	Chin strap regulation system		Pass	
6.11.4	Rigid parts		Pass	
6.11.5	Buckle – "Double D" or "Roller buckle"		Pass	
6.11.6	Pulling flap (red 10 x 20mm)		Pass	
6.11.7	Quick release (general requirement)		N/A	
6.11.8	Quick release (tests par. 7.3, 7.6, 7.7)		N/A	
6.11.9	Wrong buckle use		N/A	
6.12	P/J helmets: device that maintains the intended position even during the complete series of impacts and retention (detaching) test (red)		N/A	
6.13	Material properties (manufacturer declaration)		Pass	
6.14	Helmet breaking		Pass	
6.15, 6.15.3.1 6.15.3.2 6.15.3.3	Peripheral vision:	Lateral visual clearance 105°	Pass	
		Upward visual clearance 7°	Pass	
		Downward visual clearance 45°	Pass	
6.18.2 to 6.18.6	Reflective parts (see test reports)		N/A	

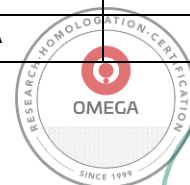
Job Number: [VCA035039]

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SPECIFICATION	
H.F. Size	[54 to 62]
Impact point	B / P / X / R / S Extra Point
Anvil	Kerbstone / Flat
Impact point Rotational	45° / 180° / 270° / 0° / 135°
Anvil	45° anvil
Conditioning [°C]	
AMB	25 °C ± 5 °C for more than 4 hours
LOW	-10 °C ± 2 °C for more than 4 hours
HIGH	+50 °C ± 2 °C for more than 4 hours and less than 8 hours
UV+H ₂ O	Ultraviolet radiation by 150-watt xenon- 48 hours Water spray 4 to 6 hours, 1 litre per minute
Speed [m/s]	7.5 m/s + 0.15 m/s (6-0 + 0.15 m/s for the S point) High Speed 8.2 m/s + 0.15 m/s Low Speed 6.0 m/s + 0.15 m/s
HIC	≤ 2400 High Speed ≤ 2880 Low Speed ≤ 1300 Rotational 0.78
Deceleration	≤ 275 Low Speed ≤ 180 Rotational ≤ 10400 rad/s ²

Job Number: [VCA035039]



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4/11 Feb-26

Helmet size XXL (63-64)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4526	62	B	FLAT	AMB	7.53	200	1741
			X	FLAT		7.53	166	1302
			P	FLAT		7.55	183	1666
			R	FLAT		7.55	180	1514
-	25-4527	62	B	KERB	AMB	7.55	141	1098
			X	KERB		7.53	158	1032
			P	KERB		7.55	182	1309
			R	KERB		7.55	108	749
-	25-4528	62	B	KERB	+50	7.55	117	754
			X	KERB		7.51	257	1300
			P	KERB		7.58	173	1199
			R	KERB		7.55	119	855
-	25-4529	62	B	FLAT	-10	7.53	170	1323
			X	FLAT		7.55	176	1376
			P	FLAT		7.58	180	1384
			R	FLAT		7.58	180	1544
			S	FLAT		6.02	153	569
-	25-4530	62	B	FLAT	UV +WET	7.55	194	1710
			X	FLAT		7.55	170	1229
			P	FLAT		7.55	185	1687
			R	FLAT		7.55	172	1590

Job Number: [VCA035039]

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5/11 Feb-26

Helmet size L (59-60)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4516	60	B	FLAT	AMB	7.51	198	1724
			X	FLAT		7.55	172	1348
			P	FLAT		7.53	163	1434
			R	FLAT		7.58	143	1146
-	25-4517	60	B	KERB	AMB	7.53	133	866
			X	KERB		7.53	182	1205
			P	KERB		7.58	163	1316
			R	KERB		7.55	103	679
-	25-4518	60	B	KERB	+50	7.55	119	862
			X	KERB		7.53	201	1181
			P	KERB		7.55	154	1222
			R	KERB		7.55	117	748
-	25-4519	60	B	FLAT	-10	7.65	200	1744
			X	FLAT		7.55	184	1457
			P	FLAT		7.55	168	1196
			R	FLAT		7.58	147	1119
			S	FLAT		6.02	154	575
-	25-4520	60	B	FLAT	UV +WET	7.53	187	1608
			X	FLAT		7.53	179	1419
			P	FLAT		7.55	167	1496
			R	FLAT		7.53	160	1331

Helmet size M (57-58)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4514	57	B	KERB	+50	7.55	153	1100
			X	KERB		7.53	169	1134
			P	KERB		7.55	173	1425
			R	KERB		7.55	115	844
-	25-4515	57	B	FLAT	-10	7.53	196	1682
			X	FLAT		7.55	177	1438
			P	FLAT		7.55	168	1248
			R	FLAT		7.55	164	1470
			S	FLAT		6.01	94	273

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6/11 Feb-26

Helmet size S (55-56)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4521	54	B	FLAT	AMB	7.51	195	1723
			X	FLAT		7.53	175	1392
			P	FLAT		7.55	182	1365
			R	FLAT		7.55	180	1623
-	25-4522	54	B	KERB	AMB	7.51	138	1063
			X	KERB		7.55	166	1217
			P	KERB		7.53	190	1873
			R	KERB		7.51	138	1027
-	25-4523	54	B	KERB	+50	7.55	137	1029
			X	KERB		7.53	167	1187
			P	KERB		7.53	185	1862
			R	KERB		7.51	142	1075
-	25-4524	54	B	FLAT	-10	7.53	210	1918
			X	FLAT		7.55	190	1620
			P	FLAT		7.55	185	1292
			R	FLAT		7.53	183	1532
			S	FLAT		6.00	190	884
-	25-4525	54	B	FLAT	UV+WET	7.53	194	1693
			X	FLAT		7.53	188	1681
			P	FLAT		7.53	179	1515
			R	FLAT		7.55	186	1632

IMPACT ABSORPTION TESTS, EXTRA POINTS

Ref. 7.3 & 7.3.4.2.1

Helmet size XXL (63-64)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4497	62	BXL	KERB	AMB	7.51	123	755
			RXR	KERB		7.51	123	788
			BXPR	KERB		7.53	176	1247
			RXPL	KERB		7.51	136	1122
-	25-4496	62	BXL	FLAT	AMB	7.51	151	1073
			RXR	FLAT		7.55	184	1499
			BXPR	FLAT		7.51	196	1749
			RXPL	FLAT		7.53	166	1335

Job Number: [VCA035039]



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7/21 Feb-26

Helmet size L (59-60)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4503	60	BXL	KERB	AMB	7.51	107	690
			RXR	KERB		7.53	127	784
			BXPR	KERB		7.51	160	1301
			RXPL	KERB		7.51	147	1111
-	25-4502	60	BXL	FLAT	AMB	7.51	161	1217
			RXR	FLAT		7.53	166	1415
			BXPR	FLAT		7.59	192	1702
			RXPL	FLAT		7.53	164	1233

Helmet size S (55-56)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2400
-	25-4509	54	BXL	KERB	AMB	7.53	135	888
			RXR	KERB		7.51	161	1150
			BXPR	KERB		7.53	160	1231
			RXPL	KERB		7.59	165	1056
-	25-4508	54	BXL	FLAT	AMB	7.51	169	1277
			RXR	FLAT		7.51	191	1756
			BXPR	FLAT		7.51	203	1970
			RXPL	FLAT		7.59	185	1496

HIGH ENERGY IMPACT TESTS

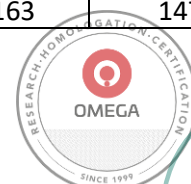
Ref. 7.3 & 7.3.1.4

Helmet size XXL (63-64) with Cardo

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	25-4498	62	B	FLAT	AMB	8.22	206	1966
			X	FLAT		8.22	190	1667
			P	FLAT		8.25	192	1957
			R	FLAT		8.25	199	1854

Helmet size L (59-60) with Cardo

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	25-4504	60	B	FLAT	AMB	8.22	217	2018
			X	FLAT		8.20	203	1941
			P	FLAT		8.25	178	1774
			R	FLAT		8.22	163	1470



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8/11 Feb-26

Helmet size S (55-56) with Cardo

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	25-4510	54	B	FLAT	AMB	8.22	217	2150
			X	FLAT		8.25	205	1878
			P	FLAT		8.22	198	1898
			R	FLAT		8.27	200	2063

LOW ENERGY IMPACT TESTS

Ref. 7.3 & 7.3.1.4

Helmet size XXL (63-64) with Cardo

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	25-4499	62	B	FLAT	AMB	6.02	136	743
			X	FLAT		6.04	143	889
			P	FLAT		6.05	153	1054
			R	FLAT		6.02	156	1112

Helmet size L (59-60) with Cardo

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	25-4505	60	B	FLAT	AMB	6.04	166	1085
			X	FLAT		6.01	138	876
			P	FLAT		6.02	136	769
			R	FLAT		6.01	142	873

Helmet size S (55-56) with Cardo

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	25-4511	54	B	FLAT	AMB	6.00	168	1138
			X	FLAT		6.04	166	1136
			P	FLAT		6.01	136	810
			R	FLAT		6.02	154	1000

OBLIQUE IMPACT TEST

Ref. 7.13 & Annex 7

Helmet size XXL (63-64)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.15÷8.0 [m/s]	PRA ≤ 10.400 [rad.s ⁻²]	BrIC ≤ 0,78
-	25-4501	62	45°	45°	AMB	8.14	4826	0.46
			180°	45°		8.14	4865	0.36
			270°	45°		8.14	5031	0.43
-	25-4500	62	0°	45°	AMB	8.14	2878	0.38
			135°	45°		8.14	3762	0.30

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Helmet size L (59-60)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.15÷8.0 [m/s]	PRA $\leq 10.400 \text{ [rad.s}^{-2}\text{]}$	BrIC $\leq 0,78$
-	25-4507	60	45°	45°	AMB	8.11	3764	0.50
			180°	45°		8.14	1283	0.08
			270°	45°		8.14	4350	0.46
	25-4506	60	0°	45°	AMB	8.14	2914	0.39
			135°	45°		8.14	2164	0.11

Helmet size S (55-56)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.15÷8.0 [m/s]	PRA $\leq 10.400 \text{ [rad.s}^{-2}\text{]}$	BrIC $\leq 0,78$
-	25-4513	54	45°	45°	AMB	8.14	3277	0.57
			180°	45°		8.11	1367	0.14
			270°	45°		8.14	5577	0.44
	25-4512	54	0°	45°	AMB	8.11	4512	0.63
			135°	45°		8.14	5828	0.42



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REFLECTIVE PARTS

Reference	Test	Result	
		Pass or N/A	Fail
6.16.2	Reflective parts (Geometry requirements)	N/A	
6.16.3	Reflective parts (Colorimetric requirements)	N/A	
6.16.4	Reflective parts (Photometric requirements)	N/A	
6.16.5	Reflective parts (Resistance to external agents requirements)	N/A	
6.16.6	Reflective parts (Compatibility of materials requirements)	N/A	

THE SAMPLES TESTED MEET THE REQUIREMENTS OF THE REFERENCE NORM.

Laboratory Technician

(Gao Yaming)

Gao Yaming

Laboratory Manager

(Kidman Yu)

Kidman Yu

(Juan Pablo Cuesta)

Juan Pablo Cuesta

END OF REPORT

Job Number: [VCA035039]



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11/11 Feb-26

VCA JOB NUMER: VCA035039MANUFACTURER: LEATTTYPE: MOTO 8.5 CARDO

The undersigned confirms that the tests conducted under the above job number have been carried out in accordance with the requirements of the specified Regulation/Directive and the Licence between OMEGA S.R.L. and VCA relating to type approval testing.

The undersigned has not been involved in any design nor development work on the products to be approved nor, any related product.



SIGNED:

NAME (in capitals): J.P. CUESTA RUIZ

DATE: 18th December 2025