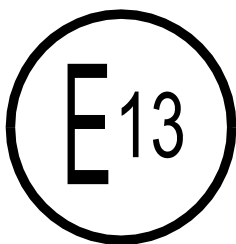




Référence: E13*81R00/02*9806*02

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Bertrange, le 04 juin 2024



Communication concernant:

Communication concerning:

~~- DELIVRANCE D'UNE HOMOLOGATION~~

~~APPROVAL GRANTED~~

~~- EXTENSION D'HOMOLOGATION~~

~~APPROVAL EXTENDED~~

~~- REFUS D'HOMOLOGATION~~

~~APPROVAL REFUSED~~

~~- RETRAIT D'HOMOLOGATION~~

~~APPROVAL WITHDRAWN~~

~~- ARRET DEFINITIF DE LA PRODUCTION~~

~~PRODUCTION DEFINITELY DISCONTINUED~~

d'un type de rétroviseur, conformément au Règlement N° 81

of a type of rear-view mirror pursuant to Regulation N° 81

Numéro d'homologation:

Approval number:

E13*81R00/02*9806*02

Marque d'homologation:

Approval mark:

L  009806

1. **Marque de fabrique ou de commerce du dispositif:**

Trade name or mark of the equipment:

motogadget

2. **Type:**

Equipment type:

7002010

3. **Description sommaire comportant notamment les indications suivantes:**

Brief description including in particular the following information:

3.1. **Dimensions principales de la surface réfléchissante:**

Main dimensions of the reflecting surface:

Ø 94,8 mm

3.2. **Rayon de courbure nominal de la surface réfléchissante:**

Nominal radius of curvature of the reflecting surface:

1450 mm

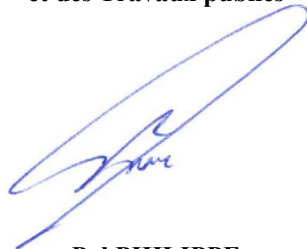
4. **Nom et adresse du fabricant:**

Manufacturer's name and address:

motogadget GmbH
Wollenberger Str. 4 i-j
D-13053 Berlin

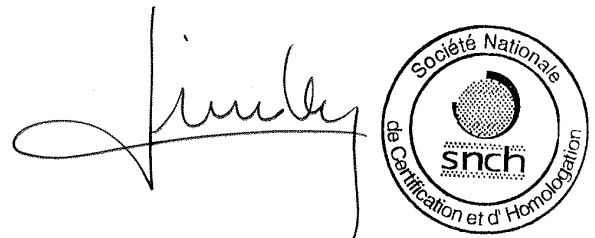
5. **Nom et adresse du représentant du fabricant (le cas échéant):**
If applicable, name and address of the manufacturer's representative: not applicable
6. **Présenté à l'homologation le:**
Equipment submitted for approval on: 18.04.2024
7. **Service technique chargé des essais d'homologation:**
Technical service responsible for conducting approval tests: Luxcontrol SA
B.P. 349
L-4004 Esch-sur-Alzette
8. **Date du procès-verbal délivré par ce service:**
Date of report issued by that service: 19.04.2024
9. **Numéro du procès-verbal délivré par ce service:**
Number of report issued by that service: LC 1289 001 24
10. **Véhicules pour lesquels le dispositif est destiné:**
Vehicles for which the equipment is designed: two-wheeled motor vehicles
11. **L'homologation est 2/:**
Approval is 2/: ~~accordée~~ / ~~refusée~~ / ~~étendue~~ / ~~retirée~~
~~granted~~ / ~~refused~~ / ~~extended~~ / ~~withdrawn~~
12. **Motif(s) de l'extension de l'homologation:**
Reason(s) for extension of approval: refer to Annex A of technical report
13. **Lieu:**
Place: Bertrange
14. **Date:**
Date: 04 juin 2024
15. **Signature:**
Signature:

Pour la Ministre de la Mobilité
et des Travaux publics



Pol PHILIPPE
Attaché

Pour la SNCH



Laurent LINDEN
Directeur opérationnel



16. Est annexée la liste des pièces constituant le dossier d'homologation déposé au Service administratif ayant délivré l'homologation:

A list of documents contained in the approval file transmitted to the administrative service which has granted approval is annexed to this communication:

see index to type-approval report



Référence: E13*81R00/02*9806*02

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Bertrange, le 04 juin 2024

Index du dossier d'homologation Index to type-approval report

Numéro d'homologation:

Approval number: E13*81R00/02*9806*02

Révision:

Revision: 00

Marque de fabrique ou de commerce:

Trade name or mark: motogadget

Type:

Type: 7002010

1. Procès-verbal d'essai:

Test report: N° LC 1289 001 24

- Technical report: Page(s) 1 to 3;
- Index: Page(s) 1 & 2
- Communication as numbered in the standard: Annex A - Page(s) 1;
- Test results: Annex B - Page(s) 1 to 3.

2. Dossier du constructeur:

Report of the manufacturer: N° Annex C

- Information document: Page(s) 1 to 16.

3. Autres documents annexés:

Other documents annexed: not applicable

4. Date de délivrance de l'homologation initiale:

Date of issue of initial type approval: 30.08.2018

5. Date de la dernière délivrance de pages révisées:

Date of last issue of revised pages: not applicable

6. Date de la dernière délivrance d'une homologation révisée:

Date of last extension: 04.06.2024

TECHNICAL REPORT

No.: LC 1289 001 24

Inspection concerning

the approval of rear-view mirrors and on of two-wheeled power-driven vehicles with or without side car, with regard to the installation of rear-view mirrors on handlebars

performed according to

**ECE-Regulation No. 81
series of amendments: 00
Including supplement: 2**

Type approval previously granted: **E13*81R00/02*9806*01**

Contents:

1. General
 2. Test details
 3. Statement of compliance
- Index

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1. **General**

Manufacturer: **motogadget GmbH**
Wollenberger Str. 4 i-j
D-13053 Berlin

~~Vehicle Type~~
~~Or component or ESA or STU:~~ **7002010**

2. **Test details**

	Inspector	Location of test:	Date of receipt of test item:	Date of test:
Main report	D. Durazzi M. Flammang	Eurolens I – Paderno Dugnano (MI)	July 2018	19 to 23 July 2018
		Luxcontrol s.a.	August 2018	01 August 2018
Extension 1	D. Durazzi M. Flammang	Eurolens I – Paderno Dugnano (MI)	April 2019	08 April 2019
Extension 2	R. Limpach	motogadget GmbH Wollenberger Str. 4 i-j D-13053 Berlin	April 2024	18 April, 2024

2.1. **Remarks**

2.1.1. **Main report:**

not applicable

2.1.2. **Extension 1:**

New tests were run and validated in order to cover the added versions stated in the index.

2.1.3. **Extension 2:**

Manufacturer address changed. Main dimension of reflecting surface revised.
Tests performed to add new versions.



3. **Statement of compliance**

The inspections items and measurements carried out have shown the compliance of the type described in this technical report and the attached Annexes with the requirements of the standard as stated on page 1.

Esch-sur-Alzette, April 19, 2024

Luxcontrol s.a.
Service Homologation-automobile

Romain Limpach
Ingénieur-Inspecteur

Paul Wax
Ingénieur-Inspecteur

Annexes



Details to the information package, including a summary in chronological order, concerning extensions and/or amendments

Type-approval previously granted: **E13*81R00/02*9806*01**

Main Report

Technical Report No.:	LC 1289 002 18	3 Pages
	Index	1 Page

List of Annexes:

A: Communication as numbered in the standard	1 Page
B: Test results	3 Pages
C: Information folder	2 Pages

Extension 1

Technical Report No.:	LC 1289 001 19	3 Pages
	Index	1 Page

List of Annexes:

A: Communication as numbered in the standard	1 Page
B: Test results	3 Pages
C: Information folder	4 Pages

To be added:

- Versions 7004010 and 7005010

To be updated:

- Editorial arrangements

Extension 2

Technical Report No.:	LC 1289 001 24	3 Pages
	Index	2 Pages

List of Annexes:

A: Communication as numbered in the standard	1 Page
B: Test results	3 Pages
C: Information folder	
To be deleted:	all (4 Pages)
To be added:	16 Pages



To be added:

- Versions 7002080; 7002083; 7002070; 7002073; 7002060; 7002063;
7002061; 7002062; 7002052; 7002050; 7002051

To be revised:

- Manufacturer's address
- Editorial arrangements
- Main dimension of reflecting surface

Content of the information folder:

- manufacturer's information document (page 1 to 16)
-



COMMUNICATION AS NUMBERED [] IN THE STANDARD

- [1.] Trade name or mark:
motogadget
- [2.] Type:
7002010
- [3.] Brief description including in particular the following information:
- [3.1.] Main dimensions of the reflecting surface:
Ø 94.8 mm
- [3.2.] Nominal radius of curvature:
1450 mm
- [4.] Name and address of the manufacturer:
motogadget GmbH
Wollenberger Str. 4 i-j
D-13053 Berlin
- [5.] Name and address of manufacturer's authorised representative:
not applicable
- [6.] Equipment submitted for type approval on:
18 April 2024
- [10.] Vehicles for which the equipment is designed:
Two - wheel motor vehicles
- [12] Reason(s) for extension of approval:
Versions 7002080; 7002083; 7002070; 7002073; 7002060; 7002063;
7002061; 7002062; 7002052; 7002050; 7002051 added.
Manufacturer address revised.
Main dimension of reflecting surface revised.



1. Test results:

1.1. Version of the tested vehicle/item

Following version(s) has been used for testing:

Main report:

- 7002010
- 7003020

Extension 1:

- 7004010
- 7005010

Extension 2:

- 7002080
- 7002061
- 7002083

The tested items are representative of the worst case.

1.2. Inspection items

1.2.1. General specifications:

The trade mark is engraved or laser edged clearly legible and indelible on the reflecting surface.

Space for the approval marks and additional symbols is provided on the reflecting surface as shown in Annex C.

1.2.1.1. Adjustment of the rear-view mirror

The reflecting surface of the rear-view mirror is manually adjustable

1.2.1.2. Rear-view mirror holder (protective housing):

Not applicable, as the reflective surface is machined from a single part of aluminum.



1.2.1.2.1. Radius of curvature of contactable parts of the rear-view mirror:

All parts, irrespective of the adjustment position of the device, which can be in static contact with a sphere of 100 mm, have a radius of curvature of "**c**" > **2,5 mm**.

1.2.1.3. Dimensions of the reflecting surface:

The reflecting surface has an area of **more than 69 cm²**. It is possible to inscribe a circle of **min. 78 mm** on the reflecting surface.

1.2.1.4. Reflecting surface and coefficient of reflection:

Radius of curvature: **1450 mm**

Coefficient of reflection: **> 40 %**

1.2.1.5. The results indicated below have been achieved by adjusting the mirror to the installation angle of:

Test (*)	Impact test results [°]		Observations
	left	right	
1	> 20°	--	no cracks / no separations
	--	> 20°	no cracks / no separations
2	> 20°	--	no cracks / no separations
	--	> 20°	no cracks / no separations

(*) according to paragraph 8.2 and 8.4. of the Regulation

1.2.1.6. Bending test:

Not applicable for external mirrors.

1.3. Remark

1.3.1. General:

The inspection results are applicable to all the versions named in the manufacturer's information folder (annex C). The tested rear-view mirror versions cover the worst cases for the different situations



1.4.

Test facilities

Calibration of measuring and test equipment used to carry out the inspections is in accordance with the ECE-Regulation stated in 1.1. of this report and with ISO 17025

E13*81R00/02*9806*02

Société Nationale de Certification et d'Homologation



motogadget GmbH, Wollenberger Str. 4 i-j, 13053 Berlin

Ministry for Sustainable Development and Infrastructure
Transport Division
4, place de l'Europe
L-1499 Luxembourg

Berlin, 06.03.2024

Information document

Name and address of manufacturer : *motogadget GmbH
Wollenberger Str. 4 i-j
D-13053 Berlin*

Trade Name: motogadget

Type: 7002010

Version(s):

7003020

7004010

7005010

7002080

7002083

7002070

7002073

7002060

7002063

7002061

7002062

7002052

7002050

7002051

E13*81R00/02*9806*02

Société Nationale de Certification et d'Homologation



Details regarding the attachment:

(Please refer to the technical drawing for description how mirror bracket is attached to the handlebar)

General remarks:

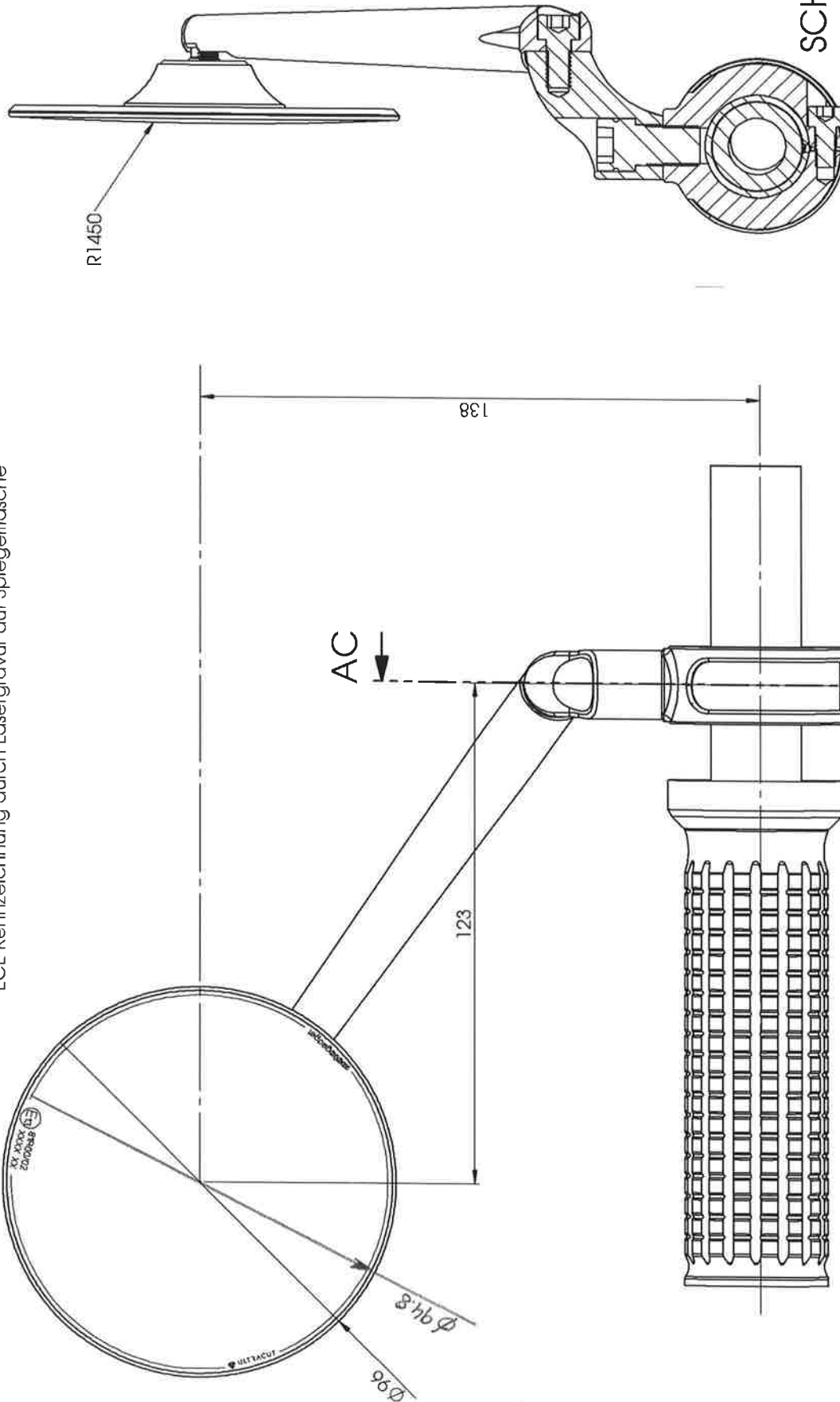
The rear-view mirror does not have any glass components, but the reflecting surface is machined from a single piece of aluminium

Best regards,

Garrit Keller
(Managing Partner)

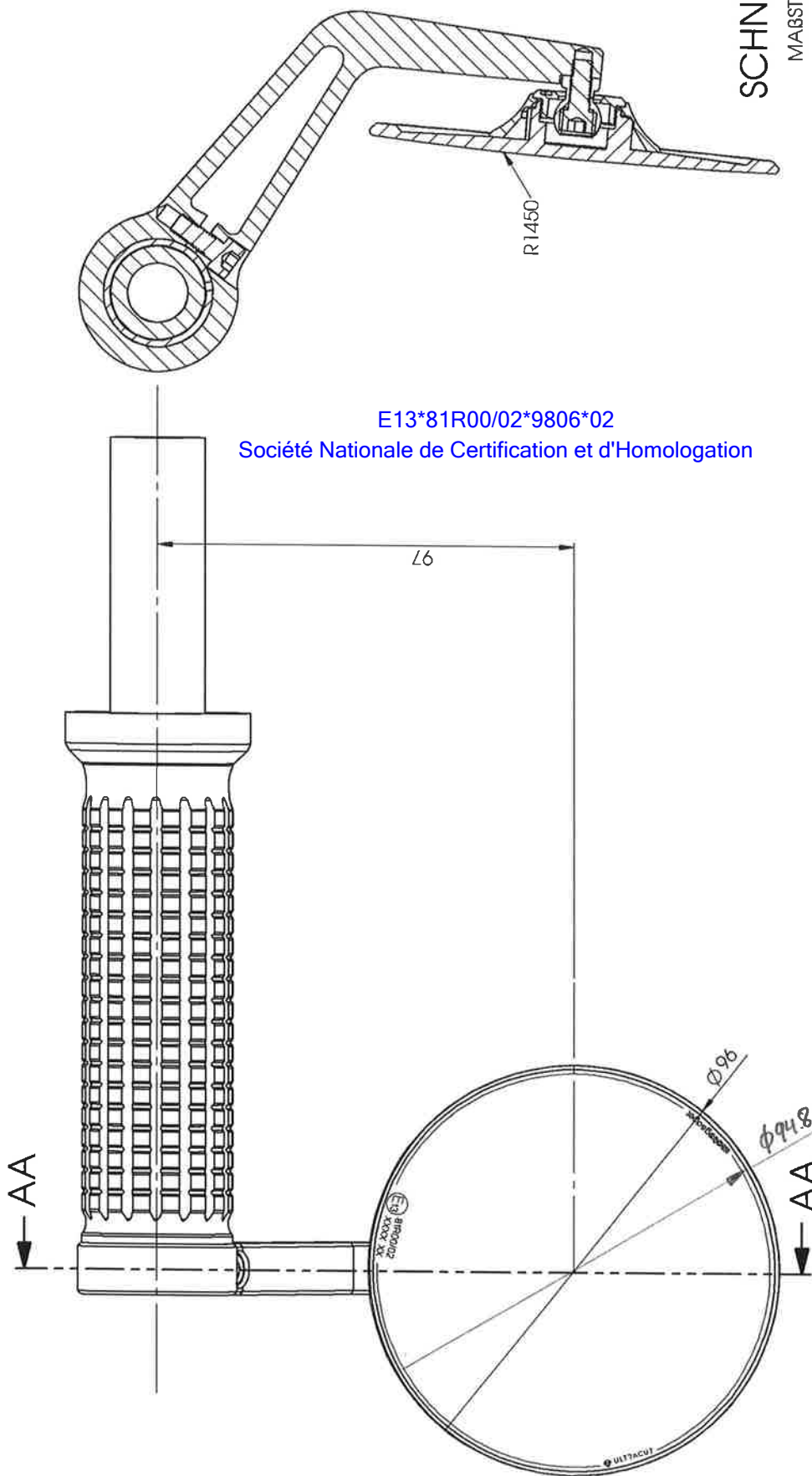
E13*81R00/02*9806*02
Société Nationale de Certification et d'Homologation

ECE Kennzeichnung durch Lasergravur auf Spiegelfläche



SCHNITT AC-AC
MAGSTAB 1:1

WENN NICHT ANGES DENERI BEMERKEN SIE IN MILLIMETER DIE FOLGENDEN FÜHRUNGEN: PUNKT WINKEL		ÜBERSCHNITT smooth finish: Rz 4,0 - 10µm black anodized		ENTGRIFFEN UNDO SCARF KOPFEN FREILEGEN		ZEICHNUNG NICHT BAUBEN ÄNDELUNG		WANDSTÄBE	
MASS	SIGNATUR	DATUM				70022010			
GEZEICHNET	G. KRIEGER	04.02.2010							
GEZEICHNET									
GEZEICHNET									
GEZEICHNET									
PROJEKTION						TECHNUNGSMASSE		m.view classic	
QUALITÄT						6061-T6			
			WINKELSTÜCK						
			GERÄTE						
						BLATT 1 VON 1			
						MASSE TABELLE			

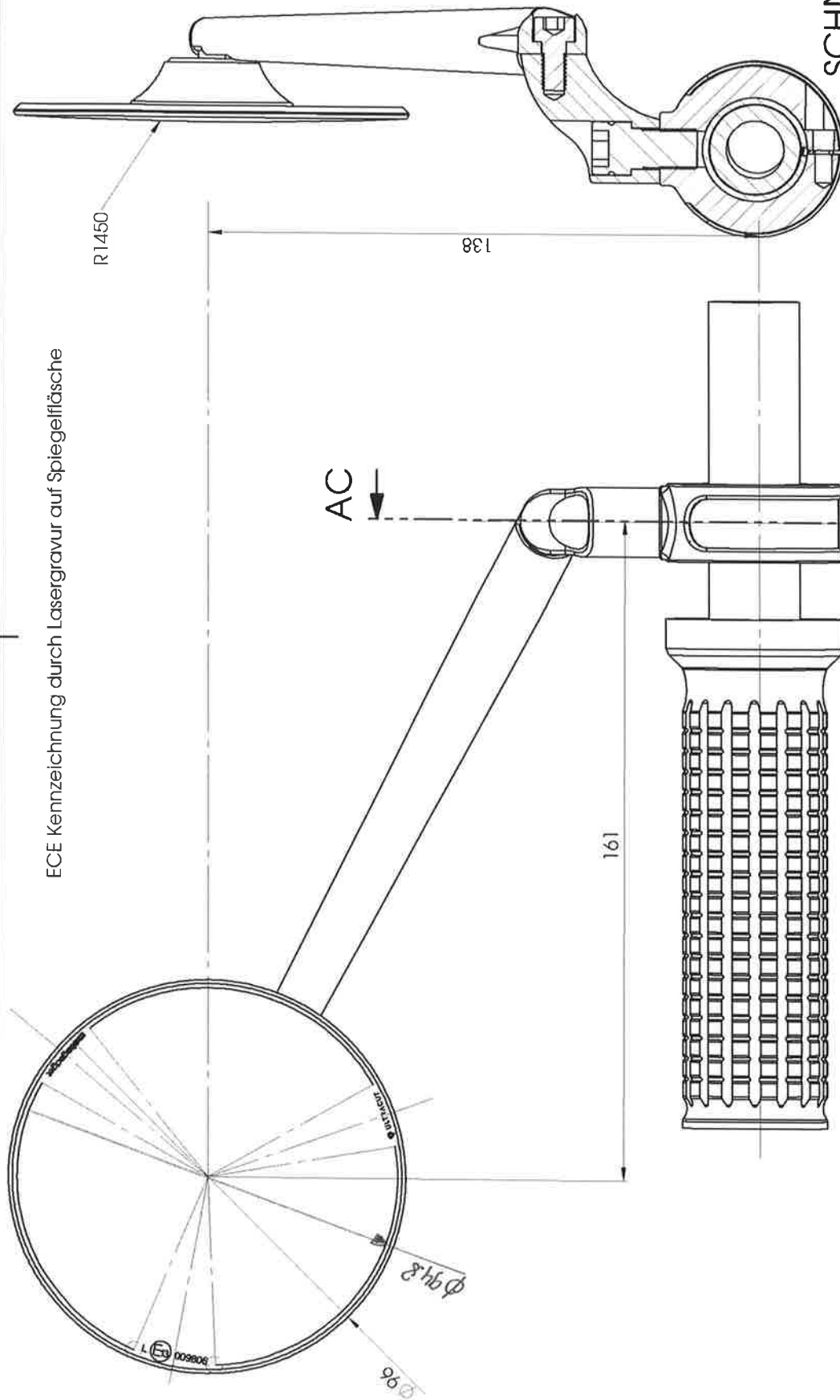


E13*81R00/02*9806*02
Société Nationale de Certification et d'Homologation

WENN NICHT ANDERSDRHER BEMERKT UND IN MILLIMETERN ANGEGEBEN TOLERANZEN LINEAR WINKEL		OBERFLÄCHENGLÜT smooth finish: Rz 4,0 - 10µm black anodized		BESCHÜTTUNG UND SCHWARZE ANODISIERUNG FOLGEN		ZEICHNUNG NICHT VERÄNDERN		ÄNDERUNG	
NAME	SPRITZGUS	DINAM	DINAM	BRÜNNEN	BRÜNNEN	BRÜNNEN	BRÜNNEN	BRÜNNEN	BRÜNNEN
AUSCHNEIT	GL	GL	GL	GL	GL	GL	GL	GL	GL
GERÜST									
ZUGHAFT									
PRODUCTION									
QUALITÄT									
Werkstoff		Werkstoff		Werkstoff		Werkstoff		Werkstoff	
6061-T6		6061-T6		6061-T6		6061-T6		6061-T6	
7003020		7003020		7003020		7003020		7003020	
m.view cafe		m.view cafe		m.view cafe		m.view cafe		m.view cafe	
A3		A3		A3		A3		A3	
Blatt 1 von 1		Blatt 1 von 1		Blatt 1 von 1		Blatt 1 von 1		Blatt 1 von 1	

E13*81R00/02*9806*02
Société Nationale de Certification et d'Homologation

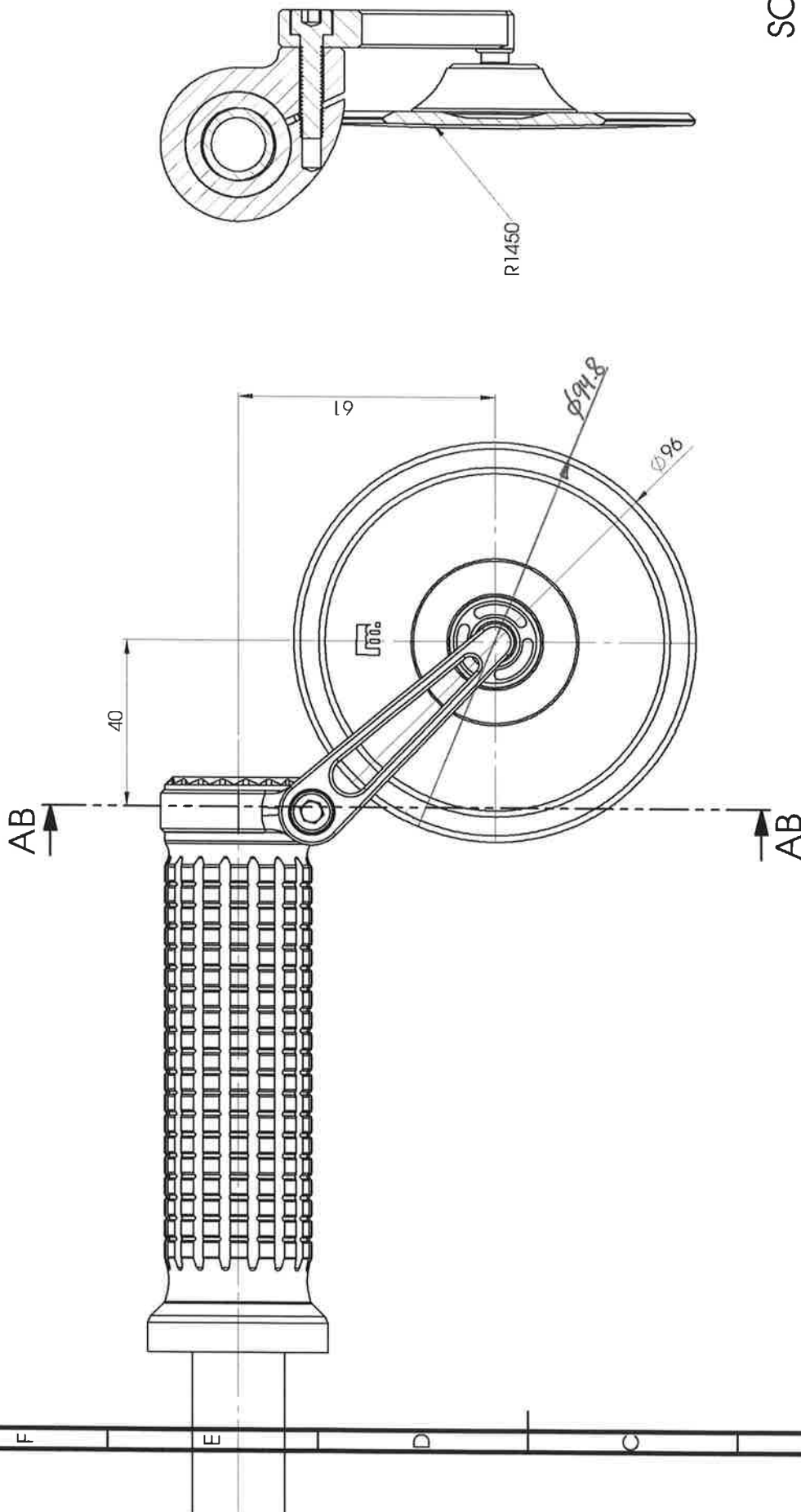
ECE Kennzeichnung durch Lasergravur auf Spiegelfläsche



SCHNITT AC-AC
MAßSTAB 1:1

BENENNUNG		ZEICHNUNG NICHT BAUREISEN		ÄNDERUNG	
7004010					
m.view classic XL		6061-T6		A3	
6061-T6		black anodized		6061-T6	
smooth finish: Rz 4,0 - 10µm		smooth finish: Rz 4,0 - 10µm		smooth finish: Rz 4,0 - 10µm	
black anodized		black anodized		black anodized	
WENN NICHT ANDERE DEFINIERT, SOWASSEN SIND IN MILLIMETER OBERFLÄCHENBEZEICHNUNG		WENN NICHT ANDERE DEFINIERT, SOWASSEN SIND IN MILLIMETER OBERFLÄCHENBEZEICHNUNG		WENN NICHT ANDERE DEFINIERT, SOWASSEN SIND IN MILLIMETER OBERFLÄCHENBEZEICHNUNG	
NAME		SPRITZER		DATEI	
FABRICANT		G.M.M.		G.M.M.	
SUBJECT		GAL		GAL	
REVISION		GAL		GAL	
PRODUCTION		GAL		GAL	
QUALITY		GAL		GAL	
Werkstoff		6061-T6		6061-T6	
FERTIGTEIL		FERTIGTEIL		FERTIGTEIL	
MAßSTAB 1:1		MAßSTAB 1:1		MAßSTAB 1:1	

SCHNITT AB-AB
MAGSTAB 1 : 1

[illegible]



Spiegelkörper: CLASSIC
Arm: 180mm
Gelenk: fix
SKU: 7002080

motogadget GmbH proprietary & confidential

[illegible]



Société Nationale de Certification et d'Homologation

Spiegelkörper: CLASSIC
Arm: 180mm
Gelenk: flip
SKU: 7002083

Spiegelarm ist schwenkbar in diskreten 45° Rastschritten

motogadget GmbH proprietary & confidential

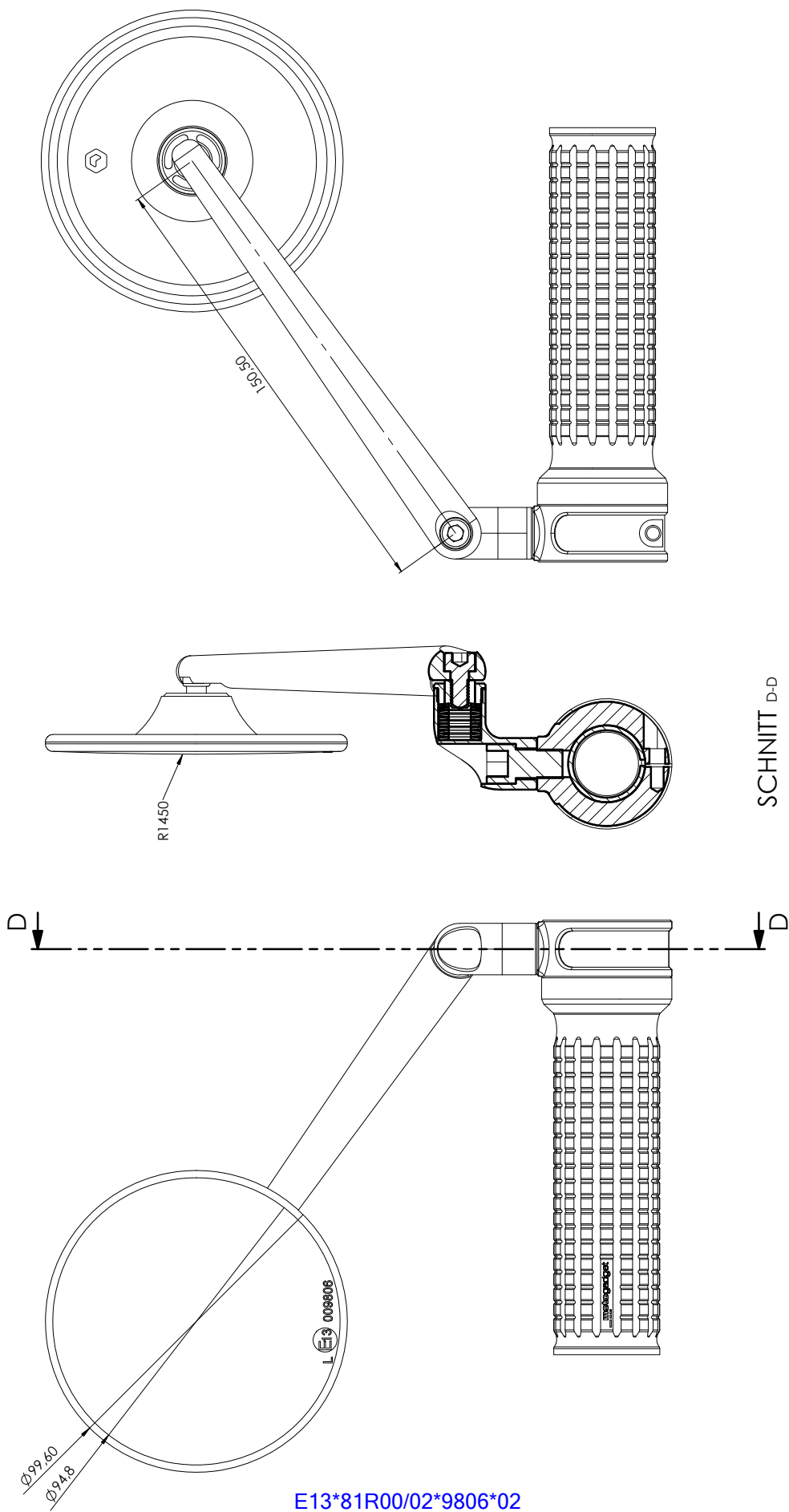
[illegible]



Spiegelkörper: CLASSIC
Arm: 150mm
Gelenk: fix
SKU: 7002070

motogadget GmbH proprietary & confidential

[illegible]



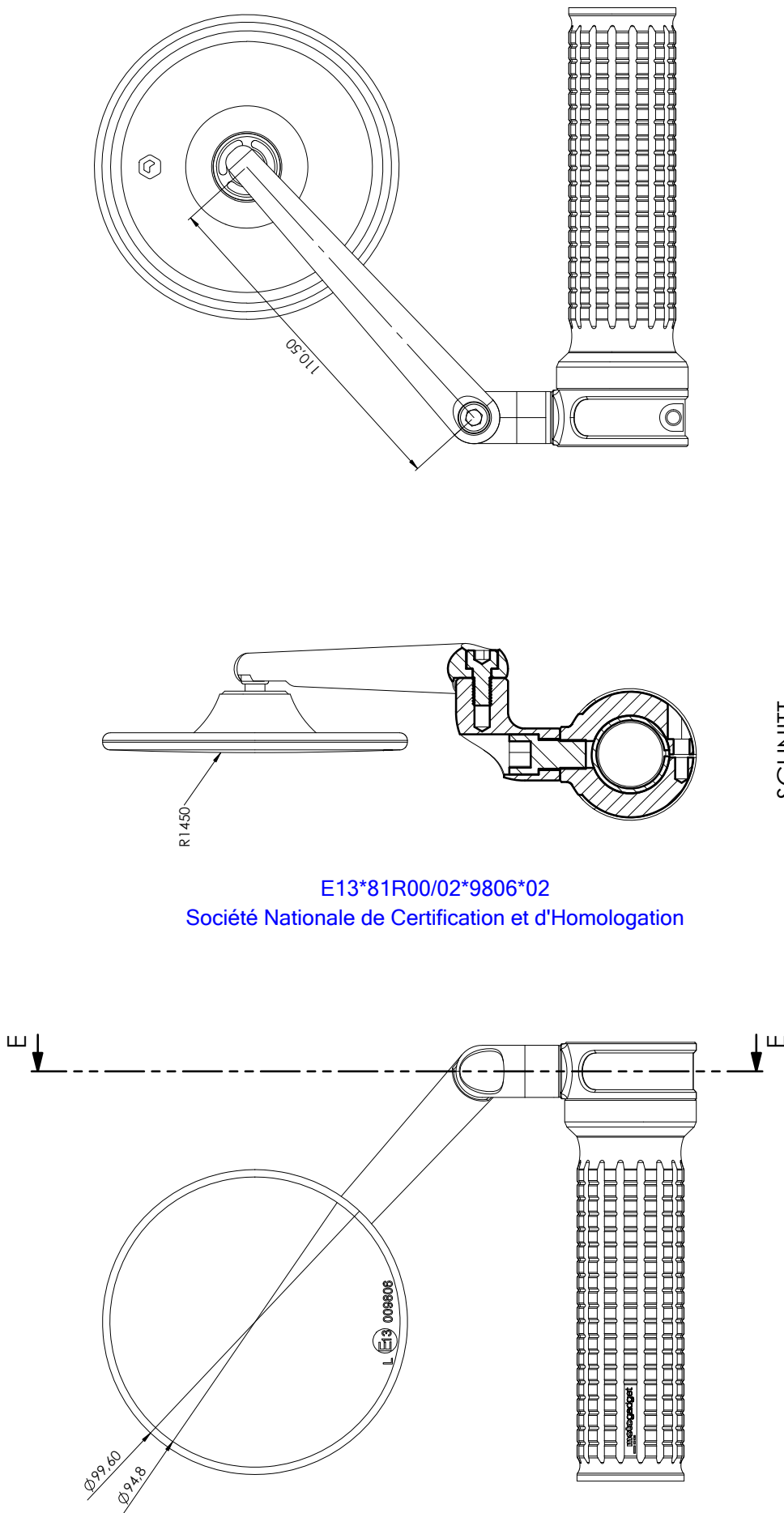
SCHNITT D-D
MAßSTAB 1:1

motogadget GmbH proprietary & confidential

[illegible]

Spiegelkörper: CLASSIC
Arm: 150mm
Gelenk: flip
SKU: 7002073

Spiegelarm ist schwenkbar in diskreten 45° Rastschritten

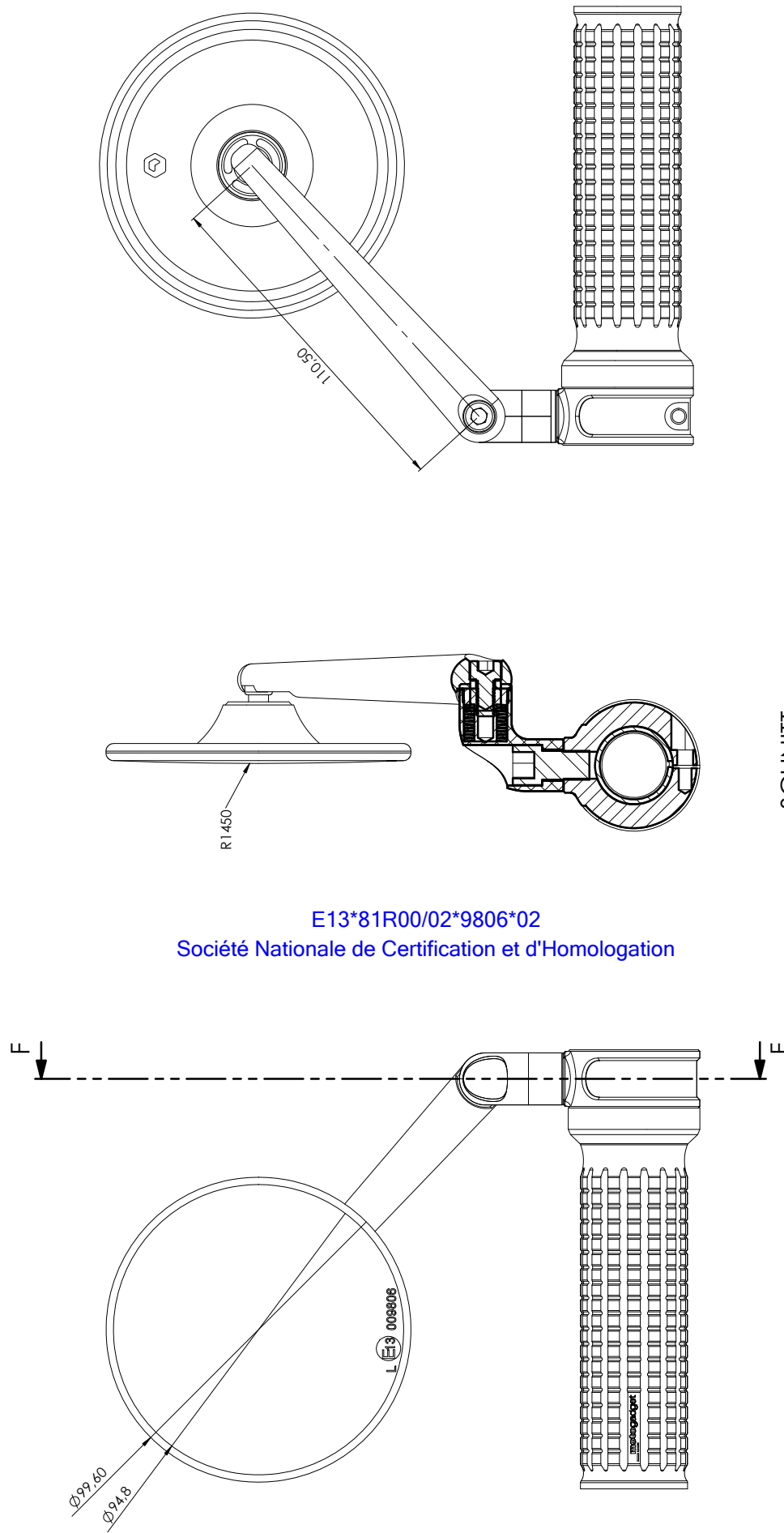


SCHNITT E-E
MAßSTAB 1:1

Spiegelkörper: CLASSIC
Arm: 110mm
Gelenk: fix
SKU: 7002060

motogadget GmbH proprietary & confidential

[illegible]



SCHNITT F-F
MAßSTAB 1:1

motogadget GmbH proprietary & confidential

[illegible]

Spiegelkörper: CLASSIC
Arm: 110mm
Gelenk: flip
SKU: 7002063

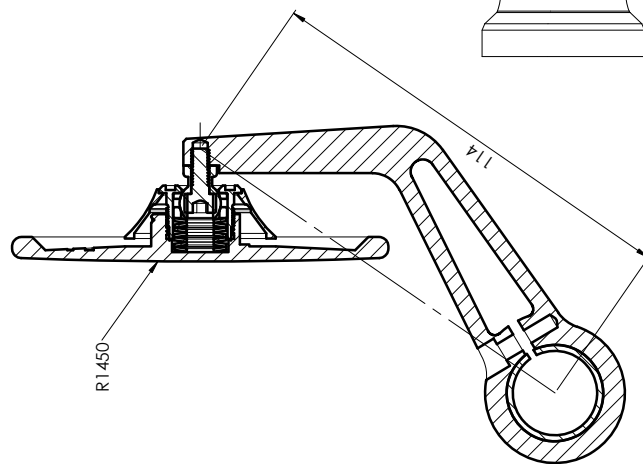
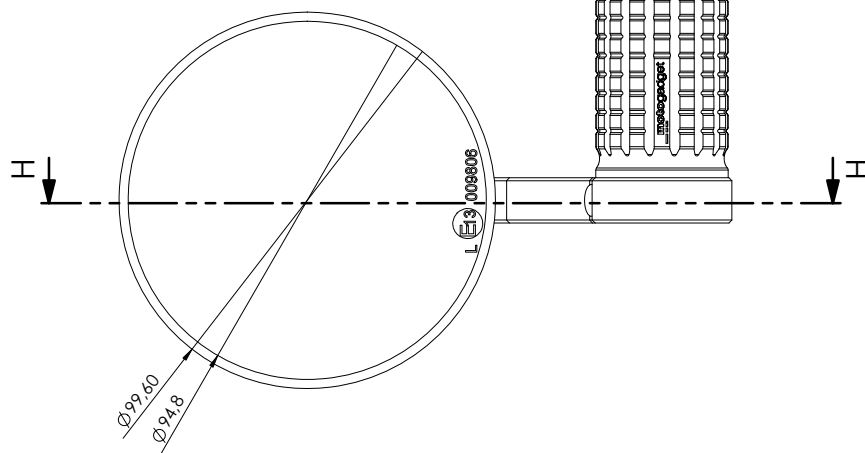
Spiegelarm ist schwenkbar in diskreten 45° Rastschritten



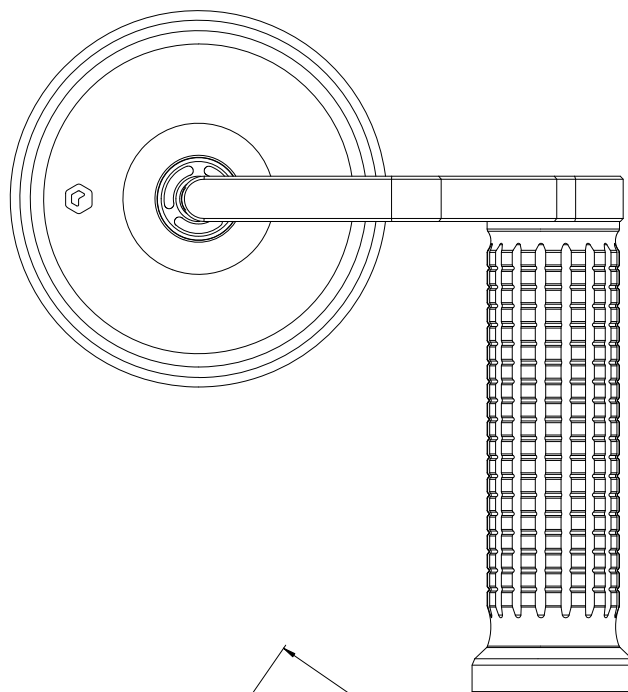
Spiegelkörper: CLASSIC
Arm: 110mm
Gelenk: pivot
SKU: 7002061 (7002062)

Spiegelarm ist schwenkbar in diskreten 45° Rastschritten

[illegible]



SCHNITT_{H-H}
MAßSTAB 1:1



Spiegelkörper: CLASSIC
Arm: 130mm
Gelenk: fix
SKU: 7002052

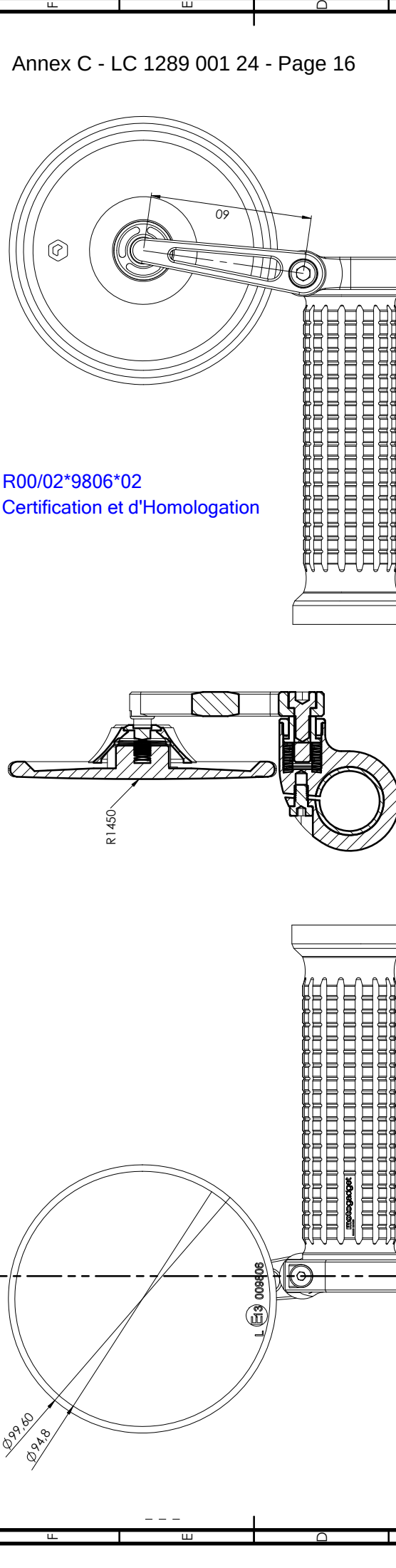
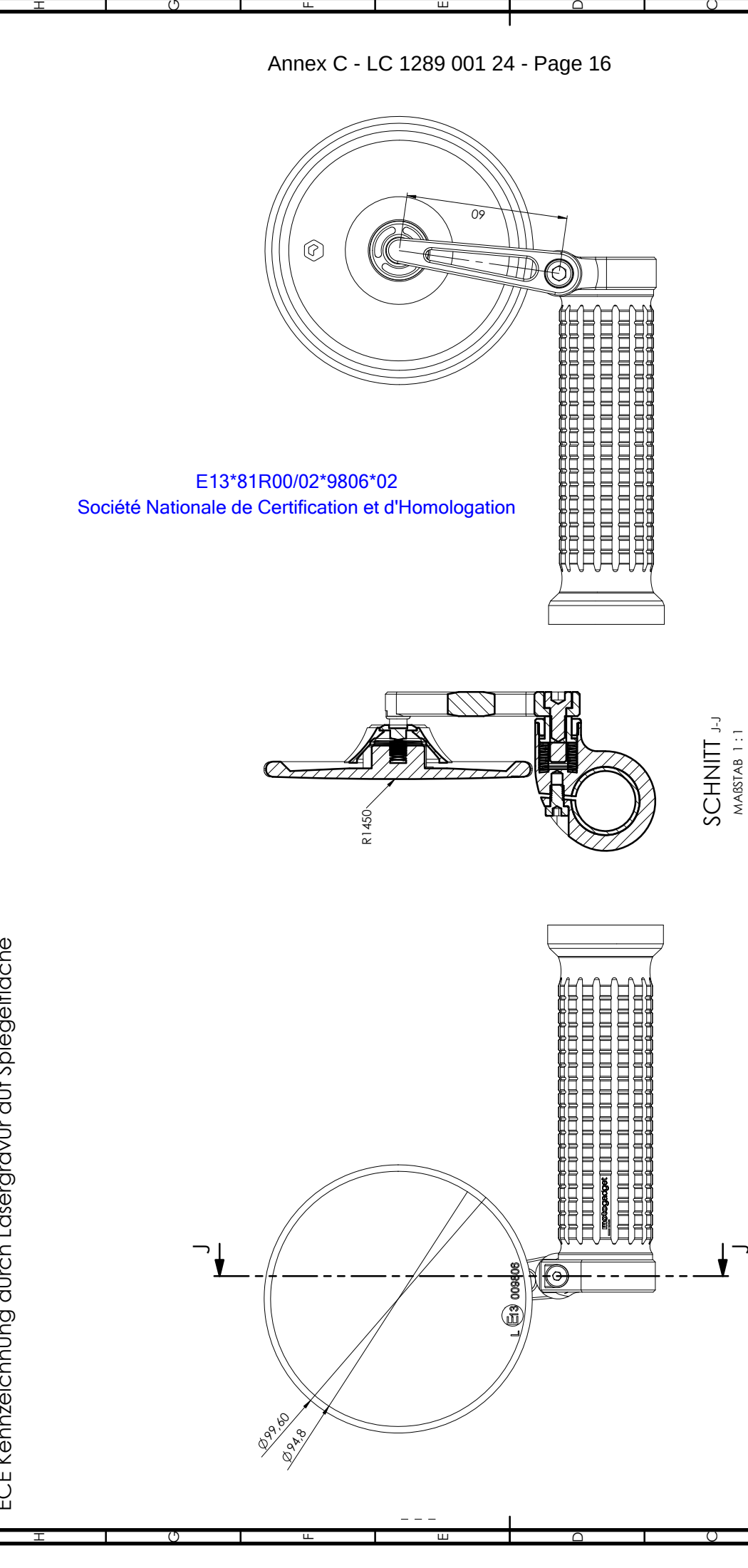
motogadget GmbH proprietary & confidential

[illegible]



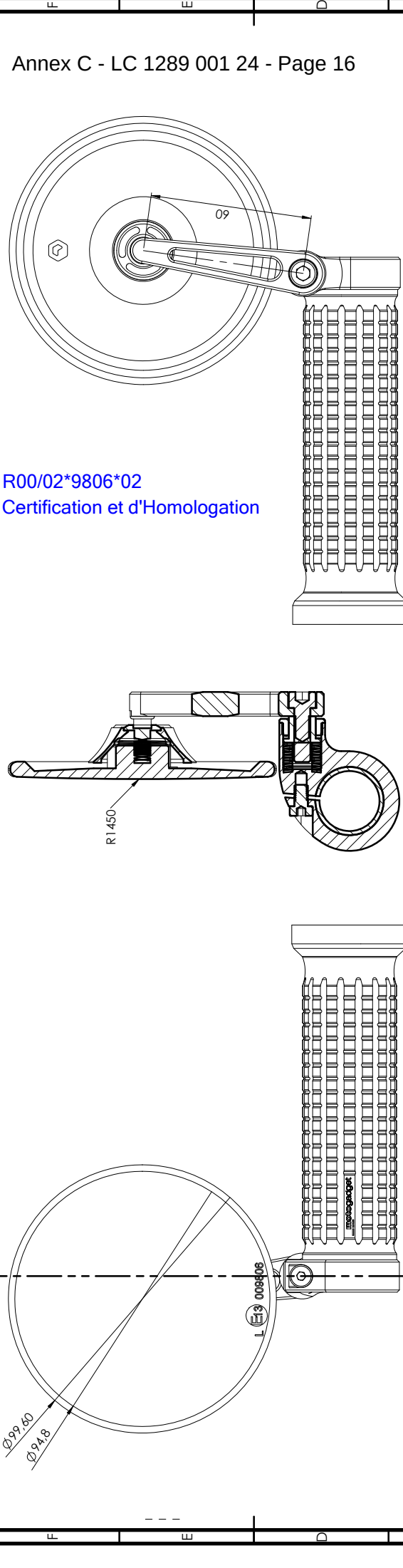
Spiegelkörper: CLASSIC
Arm: 60mm
Gelenk: fix
SKU: 7002050

[illegible]





SCHNITT J-J
 Maßstab 1 : 1



Annex C - LC

The drawing consists of two parts. The top part is a cross-sectional view of a wheel assembly. It shows a central hub with a hexagonal bolt, a series of concentric rings, and a tire. A dimension line indicates a radius of R1450. The bottom part is a side view of the wheel, showing the profile of the tire and the hub. A dimension line indicates a diameter of $\phi 99.60$ and another dimension line indicates a diameter of $\phi 94.8$. A vertical arrow points to the center of the wheel.

E13*81R00/02*9806*02

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Annex C - LC 1289 001 24

E13*81R00/02*9806*02

Société Nationale de Certification et d'Homologation

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