



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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 / APPROVAL WITHDRAWN 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



Approval No: E11\*22R06/02\*0807\*02

Reason(s) for extension:

- 1) Addition of a new make and commercial description
  - 2) Add the Bluetooth version
  - 3) Update of item 1.8
  - 4) Update of Annex 1/4/8 for the Bluetooth version helmet and the accessory
  - 5) Update of supplement level and amendment level
- 
1. Trade mark: YY, YOHE, BILT, IXS, SPYDER, SPY, ONEAL, CASTLE, CASTLE X, SENA, LAZER, LZR, NEXO, PREMIER, RYMIC, SEDICI, SHAFT PRO, Bogotto, moTo ELEVEN, STREET RACER, NOVIC, DESERT FOX, CNELL, BIEFFE, Maxx, PRO MAX, MT, AXXIS, SGI, Nomad, NEO, BiLT, iXS, Novic, Ultimate Speed, SPIRIT, MSA, ONEAL, ALL ONE, A1, SHAFT, SHAFTPRO, ZORAX, RJAYS, NOX, LOGAN, DUCHINNI, 130R, CURVE, COURSE, CGM, TIMELESS, BLACK, CMS, HEVO, GTX, FULMER, X-KOV, KOV, M2R, AMOQ, BILMOLA, DAFY, HD, ACERBIS, RAPIDO, INTENSE, FLASH, SPEEDS, ROXAR, NX, NAXA, PUNTO EXTREMO, GP23, SPEED AND STRENGTH, SS, DAYTONA, DH, SHOT, UMOVE, SCOTLAND, RODEO DRIVE , AREX, REAL
  2. Type: FG-601SV
  3. Sizes: XS(53/54), S(55/56), M(57/58), L(59-60), XL(61-62), XXL(63-64),XXXL(65-66)
  4. Manufacturer's name: FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.

5. Address:  
Yannan Industrial Area  
Longgao Road  
Jiujiang Town  
Nanhai  
Foshan City  
Guangdong  
Peoples Republic of China
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)<sup>(4)</sup>~~
10. Type of visor or visors: FG-601V
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) not applicable~~
13. Accessories included in the helmet homologation and functionality: SENA DWO7 PRO
14. If UA helmet, speakers (S or S45) / Microphone (M) / Front mounting (F) / Side mounting (L), Rear mounting (R) <sup>(1)</sup> Not applicable
15. Submitted for approval on: As before and 11 December 2023
16. Technical service responsible for conducting approval tests: OMEGA S.r.l.
17. Date of report issued by that service: As before and 12 December 2023
18. Number of report issued by that service: As before and VCA006891-1
19. Comments: FG-601 Sun visor

20. Approval ~~GRANTED~~ / EXTENDED / ~~REFUSED~~ / WITHDRAWN <sup>(1)</sup>

21. Place: BRISTOL

22. Date: 02 JUNE 2024

23. Signature: 

C McCABE  
Chief Technical and Statutory Operations Officer

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

(1) Strike out what does not apply



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APPROVAL NUMBER: E11\*22R06/02\*0807\*02

**INFORMATION PACKAGE CONTENTS**

**INDEX REVISION NUMBER: 00**

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

**Assessment Method    COP Audit**

**Date of Initial Clearance    March    2019**

**Date of Last Clearance    March    2024**

Total number of sheets: 05 (Five)

Reasons for Revision:    Not applicable

Revision Date  
&  
Office Stamp



# INFORMATION DOCUMENT

No.: R22-FG601SV



**FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD.**

TYPE: FG601SV

Helmet Accessory  
pursuant to

**Regulation No. 22**

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF  
PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS AND  
PASSENGERS OF MOTORCYCLES AND MOPEDS

Signature of a responsible person:

Date: 20.02.2024

	<b>Reason for Extension</b> <b>1) Addition of a new make and Commercial description</b> <b>2) Add the Bluetooth version</b> <b>3) Update of item 1.8</b> <b>4) Update of Annex 1/4/8 for the Bluetooth version helmet and the accessory</b> <b>5) Update of supplement level and amendment level</b>	
<b>0</b>	<b>GENERAL INFORMATION</b>	
0.1	Make (trade name of manufacturer)	: Y, YOHE, BILT, IXS, SPYDER, SPY, ONEAL, CASTLE, CASTLE X, SENA, LAZER, LZR, NEXO, PREMIER, RYMIC, SEDICI, SHAFT PRO, Bogotto, moTo ELEVEN, STREET RACER, NOVIC, DESERT FOX, CNELL, BIEFFE, Maxx, PRO MAX, MT, AXXIS, SGI, Nomad, NEO, BiLT, iXS, Novic, Ultimate Speed, SPIRIT, MSA, ONEAL, ALL ONE, A1, SHAFT, SHAFTPRO, ZORAX, RJAYS, NOX, LOGAN, DUCHINNI, 130R, CURVE, COURSE, CGM, TIMELESS, BLACK, CMS, HEVO, GTX, FULMER, X-KOV, KOV, M2R, AMOQ, BILMOLA, DAFY, HD, ACERBIS, RAPIDO, INTENSE, FLASH, SPEEDS, ROXAR, NX, NAXA, PUNTO EXTREMO, GP23, SPEED AND STRENGTH, SS, DAYTONA, DH, SHOT, UMOVE, SCOTLAND, RODEO DRIVE, AREX, REAL
0.2	Type	: FG-601SV
0.3	Variants / Versions	: n.a.
0.4	Name and address of manufacturer	: FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD. Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong, China
0.5	Name and address of assembly plant	: FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD. Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong, China
0.6	Name and address of manufacturer's authorized representative(if any)	: n.a.
<b>ANNEXS</b>		
Annex 1	Drawing of the bluetooth and way of fixing bluetooth	

Annex 1: Drawing of the bluetooth and way of fixing bluetooth



Unit: mm

Number	Name	Material	Weight	dimension
1	Bluetooth receiver	ABS	The whole accessory: 82±5g	70.5mm*35mm*11mm
2	Speaker	Steel		Diameter: 40mm Thickness:9mm
3	Microphone	ABS and soft metal		32mm*21mm*21mm
4	Battery	Lithium		42mm*21mm*6.5mm
Description	Accessory		Code No.:	FG-601SV.8.2
Manufacturer:	FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD			



Address:	Yannan Industrial Area, Longgao Road, Jiujiang Town, Nanhai, Foshan City, Guangdong, China				
Drawn by:	Wang fei	Checked by:	Huang Leilei	Approved by:	Zhang Jun
Date:	01.02.2024	01.02.2024	01.02.2024	Date:	01.02.2024



1 - Way of fixation: attached to helmet by screws



Type : FG601 SV EXT02  
Manufacturer : FOSHAN CITY NANHAI YONGHENG HELMET  
MANUFACTURING CO., LTD



## EXTENSION UNECE n°22 Series 06

<b>Job Number</b>	[VCA006891-1]
<b>Report</b>	Code: Yohe FG-601SV E06 EXTENSION 20231212 Date: 12/12/2023
<b>Manufacturer</b>	Name: FOSHAN CITY NANHAI YONGHENG HELMET MANUFACTURING CO., LTD. Address: Yannan Industrial Area, Longgao Road, Jiujiang, Foshan City, Guangdong Province, China
<b>Representative</b>	[it does not apply]
<b>Sample</b>	Helmet model: FG-601SV Approval n°: E11*22R06/02*0807*02 Stickers from n°: n/a to n°: n/a Batch n°: n/a Arrival date: 11/12/2023 Testing date: 12/12/2023
<b>Test Site</b>	[OMEGA CHINA] / [OMEGA ITALY]

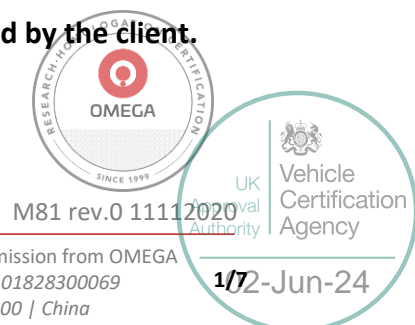
### Essential Technical Data

SIZE RANGE	[XS 53-54cm S 55-56cm M 57-58cm L 59-60cm XL 61-62cm XXL 63-64cm XXXL 65-66cm]
SHELL MATERIAL	[Fiberglass]
WEIGHT	[gr XS-XXXL 1630 ± 50]
RETENTION SYSTEM	[Ratchet buckle, 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 2023]
Chin strap resistance	L5 (Hototech)	[9 December 2024]
Conditioning chamber: Freezer	L10 (Hototech)	[14 December 2023]
Conditioning chamber: Oven	L9 (Hototech)	[14 December 2023]
Compressibility	M0030 (AD Engineering)	[21/05/2025]
Chin strap efficiency [Roll-off]	L7 (Hototech)	[06/01/2025]

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

Job Number: [VCA006891-1]



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ITALY: Strada Comunale Savonesa n.9 / 15057 Tortona (AL) / Italy / Tel. 0039-0131-860220 / VAT 01828300069

CHINA: Room 103, No.455-3, Second Ring South Road | Tong'an District, Xiamen, Fujian, 361100 | China

1/7-Jun-24



## 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 ( $\geq 2$ 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 ( $\geq 20$ 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)	Pass	
6.11.8	Quick release (tests par. 7.3, 7.6, 7.7)	Pass	
6.11.9	Wrong buckle use	Pass	
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: [VCA006891-1]

M81 rev.0 11112020

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3/72-Jun-24

## 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 <sub>2</sub> O	Ultraviolet radiation by a 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 <sup>2</sup>

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4/2-Jun-24

**HIGH ENERGY IMPACT TESTS**

Ref. 7.3 &amp; 7.3.1.4

**Helmet size XXXL (65-66)**

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	23-4315	62	B	FLAT	AMB	8.20	199	1625
			X	FLAT		8.22	268	2448
			P	FLAT		8.22	216	2481
			R	FLAT		8.22	181	1681

**Helmet size L (59-60)**

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	23-4318	60	B	FLAT	AMB	8.20	172	1636
			X	FLAT		8.22	271	2565
			P	FLAT		8.22	212	2485
			R	FLAT		8.22	178	1605

**Helmet size M (57-58)**

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	23-4319	57	B	FLAT	AMB	8.20	177	1412
			X	FLAT		8.20	262	2531
			P	FLAT		8.20	219	2491
			R	FLAT		8.20	203	1974

**Helmet size XS (53-54)**

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 8.35÷8.2 [m/s]	Deceleration ≤ 275 [g]	HIC ≤ 2880
-	23-4321	54	B	FLAT	AMB	8.20	172	1329
			X	FLAT		8.22	258	2658
			P	FLAT		8.22	216	2597
			R	FLAT		8.20	202	1947

**LOW ENERGY IMPACT TESTS**

Ref. 7.3 &amp; 7.3.1.4

**Helmet size XXXL (65-66)**

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	23-4316	62	B	FLAT	AMB	6.04	126	718
			X	FLAT		6.02	159	926
			P	FLAT		6.02	139	895
			R	FLAT		6.04	150	1003

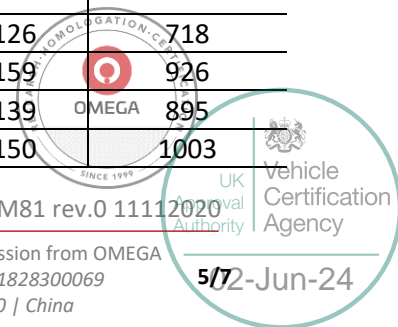
Job Number: [VCA006891-1]

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5/72-Jun-24

### Helmet size L (59-60)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	23-4318	60	B	FLAT	AMB	6.02	130	705
			X	FLAT		6.02	166	1000
			P	FLAT		6.02	146	1022
			R	FLAT		6.04	137	921

### Helmet size M (57-58)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	23-4320	57	B	FLAT	AMB	6.02	130	696
			X	FLAT		6.01	164	989
			P	FLAT		6.04	152	1142
			R	FLAT		6.02	140	883

### Helmet size XS (53-54)

Sticker n°	Internal Id	H.F. Size	Impact point	Anvil	Cond. [°C]	Speed 6.15÷6.0 [m/s]	Deceleration ≤ 180 [g]	HIC ≤ 1300
-	23-4322	54	B	FLAT	AMB	6.02	129	669
			X	FLAT		6.02	174	1205
			P	FLAT		6.02	139	995
			R	FLAT		6.04	141	926



### TEST FOR PROJECTION AND SURFACE FRICTION METHOD B

Ref. 7.4.2

Sticker n°	Helmet Internal Id	Tested Point	Result	
			Pass	Fail
-	24-0805	Top Air vent	X	-
-	24-0805	Side Left	X	-

[Complete the table with "X" or "-" as applicable]

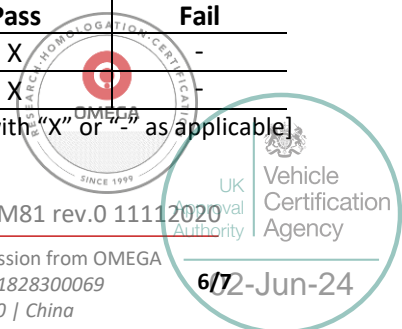
Job Number: [VCA006891-1]

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6/72-Jun-24

## REFLECTIVE PARTS

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

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: [VCA006891-1]



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CHINA: Room 103, No.455-3, Second Ring South Road | Tong'an District, Xiamen, Fujian, 361100 | China

17-Jun-24

VCA JOB NUMER: VCA006891-1MANUFACTURER: FOSHAN CITY NANHAI YONGHENG  
HELMET MANUFACTURING CO., LTD.TYPE: FG-601SV

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: 15 February 2024