MINISTERO DELLE INFRASTRUTTURE E DEI TRASPORTI
DIPARTIMENTO PER I TRASPORTI, LA NAVIGAZIONE,
GLI AFFARI GENERALI E IL PERSONALE
DIREZIONE GENEREALE TERRITORIALE DEL NORD-OVEST
CPA DI MILANO

Milano, 22 FEB. 2018

Spett.le

ANDREA DE SANTIS

Mandatario della Ditta:

JIANGMEN PENGCHENG HELMETS LTD

p.c. ANCMA - Milano

Marca operativa n° **10MI/169425**

all. Vari

OGGETTO: Omologazione casco LS2 tipo **FF313.**

In esito a quanto richiesto con la domanda del 12.12.2017, marca operativa n° **10MI/169425** si comunica che, a seguito degli accertamenti effettuati si è provveduto a rilasciare la omologazione del dispositivo indicato in oggetto ai sensi del Regolamento ECE/ONU n° 22/05.

Si trasmette il certificato di omologazione n° **E3 052884/P-J** del 16.02.2018 e la documentazione tecnica del dispositivo, già allegata alla citata domanda.

In merito si fa presente che il numero di omologazione deve essere riportato su ogni etichetta del casco indicata in oggetto.

Responsabile del procedimento: Funzionario Tecnico Angela MARFUGGI.

Il Direttore

Ing. Henry Del Greco

Imposta di bollo assolta mediante versamento in c/c postale ai sensi dell'art. 2 della legge 24 / 9 / 87 n 391 e successive modificazioni.

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CPA MILANO

E 3

Communication concerning the approval (or refusal or withdrawal of approval or production definitely discontinued) of a type of head protection for drivers and passengers of motorcycles and mopeds, pursuant to Regulation No 22/05

concernant (*): APPROVAL GRANTED
~~APPROVAL EXTENDED~~
~~APPROVAL REFUSED~~
~~APPROVAL WITHDRAWN~~
~~PRODUCTION DEFINITELY DISCONTINUED~~

Of a type of protective helmet without/with/with 2/ one/~~more 2~~/ visor type (s) pursuant ti Regulation N°. 22

Approval number: E3 052884/P-J . Extension No: //

1. Trade mark: LS2 ; MHR
2. Type: FF313
3. Sizes: XS/54-S/56 M/58-L/59 XL/60-XXL/61
4. Manufacturer's name: JIANGMEN PENGCHENG HELMETS LTD
5. Address: No. 01-7 Dongsheng Road, Gonghe Town, Heshan City,Giangdong Prov. 52928 P.R. CHINA
6. If applicable, name of manufacturer's representative: Andrea De Santis
7. Adress: Via Labriola n° 25 – 58100 GROSSETO
8. Brief description of helmet: Calotta in Fibra di carbonio e cinturino. Imbottitura di protezione in polistirolo espanso.
   (Calotte in carbon fiber and chin strap. Polystyrene foam protective padding)
9. Helmet without lower face cover (J) / with protective lower face cover (P) / ~~with no protective lower face cover (NP)~~
10. Type of visor or visors: mod. FF-MHR-87 (E3 052878)
11. Brief decription of visor or visors: Policarbonato con trattamento
    (polycarbonate with treatment)
12. Submitted for approval on: 12.12.2017
13. Technical service responsible for conducting approval tests: C.P.A. di MILANO
14. Date of report issued by that service: 16.02.2018
15. Number of report issued by that service: 00177/CPA-MI/2018
16. Comments: Denom. Comm. MHR, LS2,HARLEY DAVIDSON , SENA,TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT , TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOX, , CX RACING, BOX, SWIFT,SYKO, CMS, MAC, OXFORD, BiLT, SEDICI, SKULLY, XPLORER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI,HARLEY DAVIDSON, GUN, SHELL, VORTEX
    Il casco è stato testato anche in configurazione Jet.
    (The helmet was also tested in Jet configuration)
17. Place: MILANO
18. Date: 16.02.2018
19. Signature: Il Direttore Ing. Henry Del Greco
20. The following documents, bearing the approval number shown above are availavle on request:
    Trial-report and drawing..

(#) Delete as appropriate

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DIREZIONE GENERALE TERRITORIALE DEL NORD - OVEST
CENTRO PROVE AUTOVEICOLI
DI MILANO

Verbale n° 000177/CPA-MI/18 del 16.02.2018

VERBALE DELLE VERIFICHE E PROVE DI **OMOLOGAZIONE DEL CASCO** PER CONDUCENTI E PASSEGGERI DI MOTOCICLI E CICLOMOTORI AI SENSI DEL REGOLAMENTO ECE/ONU N. 22 emend.05

Dispositivo: casco tipo: **FF313**

- Costruttore:	**JIANGMEN PENGCHENG HELMETS LTD NO.01-7, DONGSHENG ROAD, GONGHE TOWN, HESHAN CITY, GIANGDONG PROV. 52928 P.R. CHINA**
- Mandatario:	**Andrea De Santis Via Labriola 25 – GROSSETO**
- Marchio di fabbrica:	**LS2; MHR**
Domanda omologazione marca operativa:	**10MI/169425** del **15.12.2017**
Data ultimazione della prova:	**16.02.2017**

DESCRIZIONE DEL DISPOSITIVO

Marchio di fabbrica o di commercio: MHR, LS2,HARLEY DAVIDSON , SENA,TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT, TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOX, CX RACING, BOX, SWIFT,SYKO, CMS, MAC, OXFORD, BiLT, SEDICI, SKULLY, XPLORER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI,HARLEY DAVIDSON , GUN, SHELL.

Tipo:	FF313
Denominazioni Commerciali:	VORTEX; FF313
Assortimento taglie :	XXL/61-XL/60 L/59-M/58 S/56-XS/54
Massa complessiva:	XXL-XL:1400 ± 50g; L-M :1350 ± 50g; S-XS:1350 ± 50g
Presenza marcature(*):	1-2-3-4 su calotta esterna 5 non ricorre 6 su cartoncino attaccato al cinturino

(*) 1) Costruttore 2) Modello 3) Taglia 4) Massa 5)Non idoneità della protezione mascellare 6) Prescr.da §14.1 a §14.4

CARATTERISTICHE PRINCIPALI DEL CASCO

(Vedi scheda Informativa n° FF313/17/00 e disegni del costruttore)

- Calotta esterna: 3 calotte in fibra di carbonio:
  XXL/61-XL/60 L/59-M/58 S/56-XS/54
- Imbottitura di protezione: EPS densità: (XS) dens. 45+50+85; (S) dens. 45+50+85
  (M) dens. 55+70+85; (L) dens. 55+70+85;
  (XL) dens. 60+70+85; (XXL) dens. 60+70+85
- Imbottitura di conforto: Poliuretano espanso accoppiato a tessuto sintetico, spessore variabile in funzione della taglia
- Sistema di tenuta:
  - Fibbia: a) Anelli doppia D in acciaio
    b) Micrometrica mod. N°10 in acciaio e policarbonato
  - Rivetti: Acciaio
  - Staffe: Acciaio
  - Cinturino: Poliestere larghezza 22-25 mm
- Mentoniera: EPS + Poliuretano espanso Doppio codice P/J

- Liv. Protezione Mentoniera [√] **P** [ ] **NP** [√] **J**
- Bande Rifrangenti: [√] **Si** [ ] **No** Tipo: 3M 13050 Scotchlite Reflective Sheeting

Le bande verranno applicate sui caschi destinati a quei paesi che ne fanno esplicita richiesta.

- Presenza integrata sul casco di visiere da sottoporre a prove: [ ] Si [√] No
- Visiere: FF-MHR-87(E3 052878)
- Accessori: Visierino parasole

Osservazioni: //

RIEPILOGO DEI RISULTATI DI PROVA

Le verifiche e prove sono state effettuate sulla base delle prescrizioni previste dalle condizioni generali del Regolamento ECE/ONU 22 emendamento 05 e di quelle indicate per ciascuna tipologia di prova.

§ Rif.	Verifiche e prove	Conforme	Non Conforme	Non Ricorre	Note	All.
CASCO						
6.7	Prescrizioni generali del casco	√				1
7.3	Assorbimento d'urto	√				2
7.4.2.1.3.1 7.4.2.1.3.2	Sporgenze ed attrito della superficie calotta	√				3
7.5	Rigidità	√				3
7.6;	Dinamica del sistema di tenuta	√				3
7.7	Scalzamento	√				3
7.9	Microscorrimento del cinturino	√				3
7.10	Resistenza alla abrasione del cinturino	√				3
7.11 7.11.1 7.11.2 7.11.3	Sistemi di apertura a sgancio rapido	√				3
6.16	Bande riflettenti	√				4
Fotografie del campione						5

Il dispositivo sottoposto alle prescrizioni, verifiche e prove risponde alla descrizione riportata nella scheda informativa n° FF313/17/00 del costruttore.

CONCLUSIONI

A seguito dell'esame della documentazione presentata dalla fabbrica costruttrice e dei risultati delle prove effettuate, presso il Laboratorio Newton S.r.l. sito in Mazzo di Rho (MI), si dichiara che il dispositivo sopra indicato risponde alla normativa vigente all'atto della presentazione della domanda e se ne attesta l'idoneità alla omologazione del tipo.

Ai fini della immissione dei dispositivi nel mercato, il casco deve essere preventivamente sottoposto alle verifiche e prove previste al paragrafo 9 del Reg. ECE/ONU 22/05.

Il Rappresentante del Ministero delle Infrastrutture e dei Trasporti non si assume nessuna responsabilità per quanto riguarda i materiali costruttivi né sulle dimensioni delle varie parti non specificate nel presente verbale e/o scheda tecnica e/o disegni allegati.

Milano, 16.02.2018

Il Responsabile del procedimento
(Funzionario Tecnico Angela MARFUGGI)

Il Direttore del C.P.A. di Milano
(Ing. Henry Del Greco)

Allegati:
-Scheda informativa e disegni

Allegato 1 RISPONDENZA ALLE PRESCRIZIONI GENERALI CASCO

§ Rif.	6. PRESCRIZIONI GENERALI	Conforme	Non Conforme	Non Ricorre
6.1	Calotta dura Mezzo assorbimento d'urto Sistema di tenuta	√ √ √		
6.2	Protezione Mascellare P ☐ J ☐ NP ☐ P/J √			
6.3	Dispositivi accessori	√		
6.4.1	Copertura di protezione calotta	√		
6.4.2	Cilindro nuca	√		
6.4.3	Imbottitura di protezione	√		
6.5	Curvature esterne – Facoltà auditive	√		
6.6	Sporgenze (> 2 mm)	√		
6.7	Raggio curvatura sporgenze	√		
6.8	Interno casco	√		
6.9	Assemblaggio elementi del casco	√		
6.10	Protezione contro l'abrasione	√		
6.11	Sistema di tenuta			
6.11.1	Larghezza cinturino (≥ 20 mm)	√		
6.11.3	Sistema di regolazione	√		
6.11.4	Parti rigide	√		
6.11.5	Fibbie "Doppia-D" o "Rullo"	√		
6.11.6	Linguetta di apertura	√		
6.11.7	Sgancio rapido	√		
6.11.8	Verificato con prove §7.3,§7.6 e §7.7	√		
6.11.9	Prevenzione uso scorretto della fibbia	√		
6.12	Verifica caratteristiche materiale (*)	√		
6.13	Verifica rottura casco	√		
6.14	Caratteristiche visibilità periferica			
6.14.3.1	campo visuale orizzontale (≥105°)	√		
6.14.3.2	campo visuale verso l'alto (≥7°)	√		
6.14.3.3	campo visuale verso il basso (≥ 45°)	√		

(*) Vedi dichiarazione della casa costruttrice allegata su scheda Informativa FF313/17/00.

Allegato 2 pg.1 **PROVA ASSORBIMENTO URTO**

§7.3 Assorbimento d'urto

CASCO tg: 61(XXL)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
1	60	B	PIATTA	Amb.	7,5	7,58	1456	179
		X				7,55	1999	265
		P				7,58	1705	186
		R				7,53	1929	207
2	60	B	KERB.	Amb.	7,5	7,55	816	138
		X				7,55	782	137
		P				7,58	1129	140
		R				7,55	1430	190
3	60	B	PIATTA	-20°C	7,5	7,55	1452	182
		X				7,58	1668	238
		P				7,58	1671	190
		R				7,55	2144	230
		S			5,5	5,53	960	242
4	60	B	KERB	+50°C.	7,5	7,55	771	119
		X				7,58	687	123
		P				7,58	1024	141
		R				7,58	1407	201
5	60	B	KERB	UV+H_2O	7,5	7,53	830	145
		X	KERB			7,55	795	155
		P	PIATTA			7,58	1730	190
		R	PIATTA			7,55	1940	220

CASCO tg: 61(XXL) Configurazione Jet)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
6	60	B	PIATTA	-20°C	7,5	7,55	697	115
		X	PIATTA			7,55	1679	223
		P	PIATTA			7,58	1804	191
		R	PIATTA			7,55	2122	237
		S	PIATTA		5,5	//	//	//
7	60	B	KERB	+50°C.	7,5	7,55	592	113
		X	KERB			7,53	791	144
		P	KERB			7,58	1117	138
		R	KERB			7,55	1452	216

CASCO tg: 60 (XL)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
8	60	B	PIATTA	-20°C	7,5	7.55	1482	184
		X	PIATTA			7.55	1882	252
		P	KERB			7.58	1127	140
		R	KERB			7.55	304	171
		S	PIATTA		5,5	5.54	882	215
9	60	B	KERB	+50°C.	7,5	7.55	826	132
		X	KERB			7.55	719	141
		P	PIATTA			7.58	1525	162
		R	PIATTA			7.55	1940	212

Allegato 2 pg.2 PROVA ASSORBIMENTO URTO

CASCO tg: 59(L)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
10	57	B	PIATTA	Amb.	7,5	7,55	1116	191
		X				7,55	1341	199
		P				7,58	1399	201
		R				7,58	1751	229
11	57	B	KERB.	Amb.	7,5	7,55	1010	159
		X				7,55	1032	160
		P				7,55	1044	136
		R				7,55	1031	164
12	57	B	PIATTA	-20°C	7,5	7,58	1444	201
		X				7,55	1736	233
		P				7,55	1857	192
		R				7,53	1966	202
		S			5,5	5,53	375	132
13	57	B	KERB	+50°C.	7,5	7,55	845	129
		X				7,53	904	158
		P				7,58	947	127
		R				7,51	1090	150
14	57	B	KERB	$UV+H_2O$	7,5	7,55	1029	150
		X	KERB			7,53	847	138
		P	PIATTA			7,58	1550	164
		R	PIATTA			7,58	2361	245

CASCO tg: 59(L) Configurazione Jet

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
15	57	B	PIATTA	-20°C	7,5	7,55	860	147
		X	PIATTA			7,55	1947	248
		P	PIATTA			7,55	1730	187
		R	PIATTA			7,55	2190	226
		S	PIATTA		5,5	//	//	//
16	57	B	KERB	+50°C.	7,5	7,55	789	138
		X	KERB			7,53	1049	164
		P	KERB			7,55	1631	190
		R	KERB			7,55	2014	221

Allegato 2 pg.3 **PROVA ASSORBIMENTO URTO**

CASCO tg: 58(M)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
17	57	B	PIATTA	-20°C	7,5	7,55	1096	204
		X	PIATTA			7,55	1893	239
		P	KERB			7,58	977	126
		R	KERB			7,55	1307	182
		S	PIATTA		5,5	5,53	864	201
18	57	B	KERB	+50°C.	7,5	7,55	660	132
		X	KERB			7,55	862	138
		P	PIATTA			7,58	1290	180
		R	PIATTA			7,55	1953	212

CASCO tg: 56 (S)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
19	54	B	PIATTA	Amb.	7,5	7,55	1084	184
		X				7,55	1907	240
		P				7,58	1234	143
		R				7,55	1329	159
20	54	B	KERB.	Amb.	7,5	7,55	681	122
		X				7,55	820	162
		P				7,51	772	117
		R				7,55	978	148
21	54	B	PIATTA	-20°C	7,5	7,53	1215	198
		X				7,55	1773	232
		P				7,58	1331	154
		R				7,55	1240	175
		S			5,5	5,56	795	216
22	54	B	KERB	+50°C.	7,5	7,53	706	110
		X				7,55	931	160
		P				7,58	794	115
		R				7,55	921	140
23	54	B	KERB	UV+H_2O	7,5	7,53	690	137
		X	KERB			7,55	699	133
		P	PIATTA			7,58	1362	153
		R	PIATTA			7,58	1360	167

CASCO tg: 56 (S) Configurazione Jet

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
24	54	B	PIATTA	-20°C	7,5	7,55	783	143
		X	PIATTA			7,55	1996	264
		P	PIATTA			7,53	1504	161
		R	PIATTA			7,58	1292	162
		S	PIATTA		5,5	//	//	//
25	54	B	KERB	+50°C.	7,5	7,53	387	107
		X	KERB			7,55	850	152
		P	KERB			7,58	887	120
		R	KERB			7,58	966	137

Allegato 2 pg.4 PROVA ASSORBIMENTO URTO

CASCO tg: 54 (XS)

Numero Casco	Falsa Testa	Punto Impatto	Tipo Incudine	Condiz. Solv. +	Velocità Prevista	(m/s) Effettiva	Valori d'Urto HIC(<2400)	g(<275)
26	54	B	PIATTA	-20°C	7,5	7,58	1039	187
		X	PIATTA			7,53	1714	225
		P	KERB			7,55	865	123
		R	KERB			7,55	974	135
		S	PIATTA		5,5	5,54	593	187
27	54	B	KERB	+50°C.	7,5	7,58	713	114
		X	KERB			7,58	889	140
		P	PIATTA			7,58	1385	153
		R	PIATTA			7,58	1278	187

Allegato 3 PROVE DELLE SPORGENZE E ATTRITO DELLA SUPERFICIE DELLA CALOTTA, RIGIDITA' e SISTEMA DI TENUTA.

§7.4.2.1.3.1. Prova delle sporgenze (metodo B) [√] Conforme [ ] Non Conforme

Descrizione punto di test	Conforme	Non Conforme	Note
Spoiler posteriore	√		

§7.4.2.1.3.2. Attrito della superficie esterna: [√] Conforme [ ] Non Conforme

§7.5 Prova di rigidità

Casco			Direzione Sollecitazione	Carico e deformazione		
N°	Falsa testa	Tg.		Iniziale [30N]	Massima [630N] (≤ 40 mm)	Finale [30N] (≤ 15 mm)
28	60	XXL	Longitudinale	0 mm	10 mm	1 mm
29	60	XXL	Trasversale	0 mm	13 mm	1 mm
30	57	L	Longitudinale	0 mm	10 mm	1 mm
31	57	L	Trasversale	0 mm	12 mm	1 mm
32	54	S	Longitudinale	0 mm	10 mm	1 mm
33	54	S	Trasversale	0 mm	13 mm	1 mm

§7.6 e §7.7 Prova dinamica del sistema di ritenuta e di scalzamento

Casco			Allungamento			Casco		Scalzamento	Note
N°	Falsa testa	Tg.	Dinamico (≤ 35 mm)	Residuo (≤ 25 mm)	N°	Falsa testa	Tg.	Rotazione (≤ 30°)	
34	60	XL	28	15	35	60	XL	25	Anelli doppia D
36	60	XL	29	15	37	60	XL	24	Micrometrica mod. N.10
38	57	M	22	9	39	57	M	28	Anelli doppia D
40	57	M	27	14	41	57	M	29	Micrometrica mod. N.10
42	54	XS	23	10	43	54	XS	24	Anelli doppia D
44	54	XS	26	13	45	54	XS	27	Micrometrica mod. N.10

Fibbia e cinturino		Conforme	Non Conforme	Non Ricorre
§ 7.9	**Microscorrimento del cinturino (≤10 mm)** Valore rilevato 4 mm	[√]	[ ]	[ ]
§ 7.10	**Resistenza all'abrasione del cinturino**	[√]	[ ]	[ ]
§ 7.11	**Sistemi di apertura a sgancio rapido**			
§ 7.11.1	**Apertura accidentale a pressione**	[√]	[ ]	[ ]
§ 7.11.2	**Facilità di apertura (Forza max ≤ 30 N*)** (*)≤ 60 N per sistemi integrati nella calotta	[√]	[ ]	[ ]
§ 7.11.3	**Resistenza a fatica del meccanismo di sgancio**	[√]	[ ]	[ ]

Osservazioni:

Allegato 4 PRESCRIZIONI GENERALI E PROVE BANDE RETRORIFLETTENTI

MATERIALE

Tipo materiale 3M 13050 Scotchlite Reflective Sheeting

Le bande verranno applicate sui caschi destinati a quei paesi che ne fanno esplicita richiesta.

§ 6.16 Bande rifrangenti

6.16.1 Prescrizioni generali — [√] Conforme [ ] Non Conforme

6.16.2 Parti riflettenti — [√] Conforme [ ] Non Conforme

Area superficie retroriflettente (≥18 cm²)	[√] Si	[ ] No
E' possibile iscrivere un:		
- cerchio (∅ 40 mm)	[ ] Si	[√] No
- un rettangolo (largh.≥20mm e Sup. ≥12,5 cm²)	[√] Si	[ ] No

6.16.3 Prove colorimetriche (*) — [√] Conforme [ ] Non Conforme

Valori coordinate tricromatiche: **X= 0,4217** **Y= 0,4061**

Limiti verso il:

Blu	(x≥0,310)
Giallo	(x≤0,500)
Verde	(y≤0,150+0,640x)
Verde	(y≤0,440)
Viola	(y≥0,050+0,750x)
Rosso	(y≥0,382)

6.16.4 Prove fotometriche (*) — [√] Conforme [ ] Non Conforme

Valori del coefficiente di intensità luminosa con angolo di divergenza di 20°:

Angolo di illuminazione:

0°	(≥100 mcd/lx)	118,5
20°	(≥60 mcd/lx)	85,7
40°	(≥25 mcd/lx)	37,1

6.16.5 Resistenza agli agenti esterni — [√] Conforme [ ] Non Conforme

6.16.6 Compatibilità del materiale adesivo — [√] Conforme [ ] Non Conforme

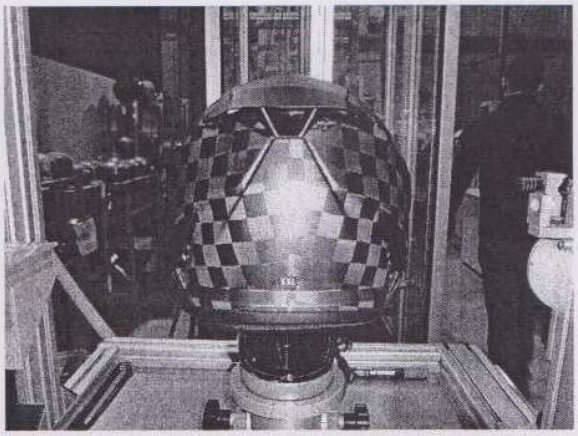
(*) Vedi dichiarazione allegata del costruttore e verbale del Centro Prove Autoveicoli di Milano n° 00296/CPA-MI/2011 del 31.03.2011

Osservazioni: //

Allegato 5 pag. 1 FOTO DEL DISPOSITIVO

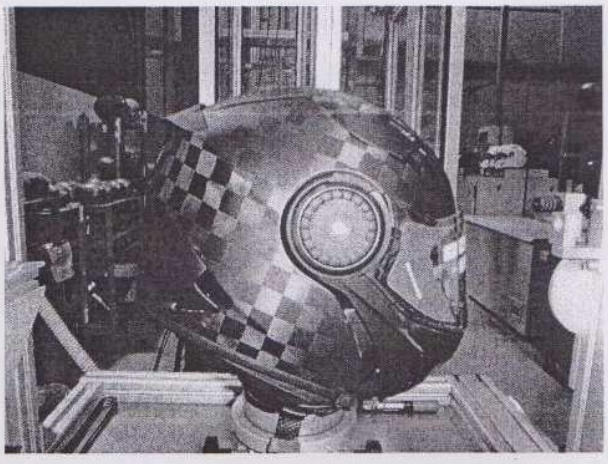
Configurazione P - PROTETTIVA

Vista Frontale



Vista Posteriore

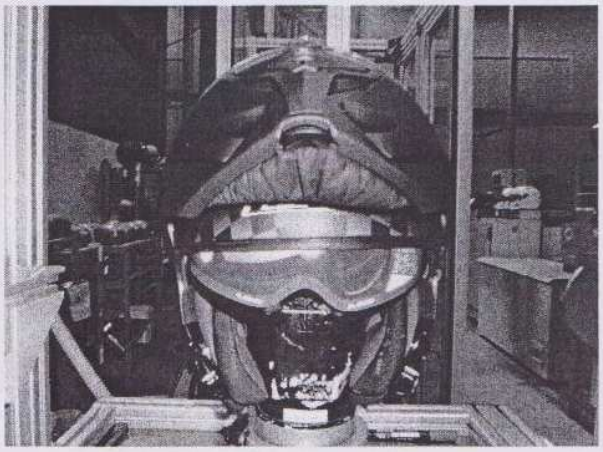
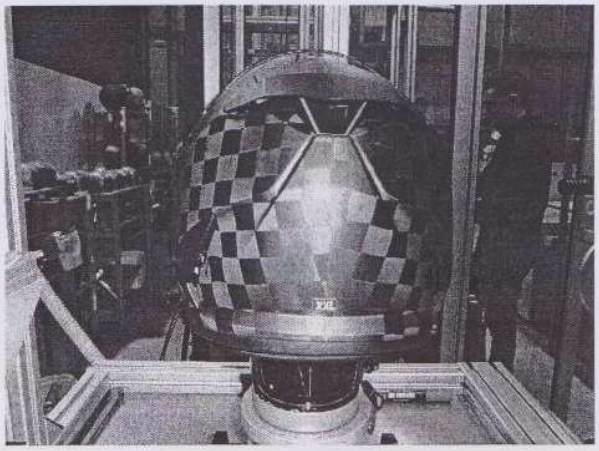
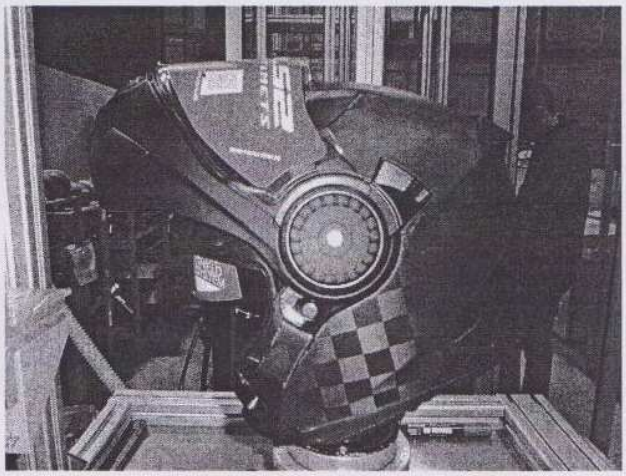
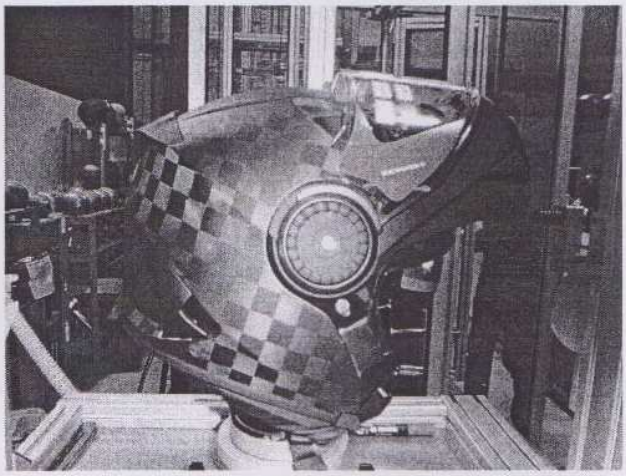
Vista laterale sinistra



Vista laterale destra

Allegato 5 pag. 2 FOTO DEL DISPOSITIVO

Configurazione J - JET

	
Vista Frontale	Vista Posteriore
	
Vista laterale sinistra	Vista laterale destra

JIANGMEN PENGCHENG HELMETS LTD

NO.01-7, DONGSHENG ROAD,
GONGHE TOWN, HESHAN CITY,
GIANGDONG PROV. 52928
P.R. CHINA

Scheda Informativa redatta sulla base del Regolamento ECE/ONU n° 22 emendamento 05	**Scheda Informativa n° FF313/17/00**
Casco: FF313	**12/12/2017**

Helmet type/*casco tipo:* FF313

Commercial name/ *Descrizione commerciale*: VORTEX; FF313

Trade mark/*marchio di fabbrica o di commercio*: LS2; MHR

SENA,TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT, TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOX, CX RACING, BOX, SWIFT,SYKO, CMS, MAC, OXFORD, BiLT, SEDICI, SKULLY, XPLORER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI,HARLEY DAVIDSON, GUN, SHELL

Weight/*peso*: XXL-XL:1400 ± 50g
L-M :1350 ± 50g
S-XS:1350 ± 50g

Size range/*gamma taglie*:

Size/cm	External shell	EPS Liner	EPS Thickness (mm)	EPS (Protective padding)Density (Main +Ear + Middle) (Kg/m^3)	EPS (Protective padding)Weight (Main +Ear + Middle) (grams)	Pudding comfort Thickness (mm)
XS/54	S	XS	30-35	45+50+85	110.2+38.3+6.1	12
S/56	S	S	30-35	45+50+85	110.2+38.3+6.1	8
M/58	M	M	30-35	55+70+85	158.5+48.2+6.1	12
L/59	M	L	30-35	55+70+85	158.5+48.2+6.1	8
XL/60	XL	XL	30-35	60+70+85	170.8+42.4+6.1	12
XXL/61	XL	XXL	30-35	60+70+85	170.8+42.4+6.1	8

External shell/*calotta esterna*: Fibra di carbonio Tripla calotta spessore medio 2.0mm±0.5mm
Carbon Fiber in 3 external shells
Thickness: 2.0mm ±0.5 mm (all shells same)

Liner *Imbottitura di protezione:* EPS / *Expanded polystyrene*

Peak / *frontino:* Nylon

Comfort pudding / *Imbottitura di protezione*: Poliuretano espanso+ tessuto sintetico
Expanded polyuretane + syntethic textile

Chin rest /*Mentoniera:* P/J In EPS + poliuretano
P/J In EPS + Polyurethane

JIANGMEN PENGCHENG HELMETS LTD

NO.01-7, DONGSHENG ROAD,
GONGHE TOWN, HESHAN CITY,
GIANGDONG PROV. 52928
P.R. CHINA

Scheda Informativa redatta sulla base del Regolamento ECE/ONU n° 22 emendamento 05	**Scheda Informativa n° FF313/17/00**
Casco: FF313	**12/12/2017**

Buckle/*Fibbia*: a)Anelli doppia D in acciao / *double D rings in steel*
b)No.10 Buckle Micrometrica in acciaio e nylon / *Micrometric buckle in steel and nylon*
~~c)No.17 Buckle Micrometrica in acciaio e nylon./ *Micrometric buckle in steel and nylon*~~

Chin strap/*Cinturino*: Nylon 22mm (Micrometrica)-25 mm (Anelli)
Rivets/*Rivetti*: Acciao / *Stainless steel*
Anchorage/*Staffe*: Acciaio / *Stainless steel*

Visor/ *Visiera:* FF-MHR-87 (E3 052878)

Accessori/*Accessories:* Visierino parasole */ sun visor*

Reflective stickers/bande rifrangenti: 3M 13050 Scotchlite Reflective Sheeting.
(The reflective stickers on helmets will be applied for countries that require it explicitly)/
(Le bande rifrangenti verranno applicate sui caschi destinati a quei paesi che ne fanno esplicita richiesta)

Declaration: The characteristics of the materials used in manufacture of the helmet don't suffer alterations following the normal use of the helmet. For the part in contact with the skin it is used materials that don't cause allergy and are transpiring. These materials don't suffer from the variations due to sweating or to products used for the personal hygiene. These materials don't cause dermal problems.

Idoneità dei materiali:
I materiali utilizzati nella fabbricazione dei caschi sono adeguati all'uso e , in particolare per quelli a contatto con la pelle, sono noti per non subire modifiche per effetto del sudore o prodotti per l'igiene personale e per non causare problemi dermatologici. Sarà nostra cura comunicare tutte le variazioni che si effettuano e verificare l'adeguatezza dei materiali impiegati per la produzione del casco.

BRAND AND LABELS/*POSIZIONAMENTO DELLE MARCATURE OBBLIGATORIE*

Trade mark/ *Marchio di fabbrica o di commercio*: on frontal and rear external shell / *Sulla calotta esterna marchio posizionato in fronte e dietro*
Size label/ *Indicazione delle misure*: Adhesive label on the rear external shell/ *Sul retro del casco mediante una etichetta adesiva*

Approval label/ *Etichetta omologativa:* on the chin strap/ *Cucita al sistema di ritenuta*

Weight /*Massa del casco*: Adhesive label on the rear external shell/ *Sul retro accanto alla taglia*

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI MONZA E DELLA BRIANZA
DOTT. ING. GIUDICI MASSIMO
Sez.A Settori: a) civile e ambientale
n° A 439

JIANGMEN PENGCHENG HELMETS LTD

Ing. Massimo Giudici

Technical person Responsible

INFORMATION DOCUMENT

No.: R22-FF313-00

Jiangmen Pengcheng Helmets Co., Ltd.

TYPE: FF313

Protective helmet with visor
pursuant to

Regulation No. 22

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

MINISTERO DELLE INFRASTRUTTURE
E DEI TRASPORTI
DIPARTIMENTO DEI TRASPORTI TERRESTRI
CENTRO PROVE AUTOVEICOLI - MILANO
OMOLOGATO
CON ATTO N. E2052884 | P-J
DEL 16-2-2018

Signature of a responsible person:

Date: 12.12.2017

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI MONZA E DELLA BRIANZA
DOTT. ING.
GIUDICI MASSIMO
Sez.A Settori:
a) civile e ambientale
n° A 439

0 GENERAL INFORMATION

0.1	Make (trade name of manufacturer)	:	**MHR, LS2,HARLEY DAVIDSON , SENA,TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT, TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOX, CX RACING, BOX, SWIFT,SYKO, CMS, MAC, OXFORD, BILT, SEDICI, SKULLY, XPLORER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI,HARLEY DAVIDSON , GUN , SHELL**
0.2	Type	:	**FF313**
0.2.1	Commercial description(s)	:	**FF313,VORTEX,**
0.3	Variants / Versions	:	n.a.
0.4	Name and address of manufacturer	:	Jiangmen Pengcheng Helmets Co., Ltd. Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China
0.5	Name and address of assembly plant	:	Jiangmen Pengcheng Helmets Co., Ltd. Industrial Park East, Gonghe Town, Heshan City Guagdong 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

1 TECHNICAL DESCRIPTION

1.1	Description of the helmet		
1.1.1	Type of helmet	:	**full face / Open face**
1.1.2	Type of lower face cover	:	**"P"protective(close the protective chin bar) / "J"none(open the protective chin bar)**
1.1.3	Size (cm)	:	XS(54), S(56), M(58), L(59), XL(60), XXL(61)
1.1.4	Drawing of the helmet	:	See annex 1; See annex 3
1.1.5	Type(s) of visor to which may be equipped with this helmet	:	FF-MHR-87
1.2	Description of the visor	:	Visor type: FF-MHR-87 Approval No.: E3 - 052878
1.3	Description of the shell		
1.3.1	Material	:	Carbon Fiber
1.3.2	Manufacture method	:	Mold Forming
1.3.3	Ventilation	:	None
1.3.4	Composition of the border join on the shell	:	PVC
1.3.5	Drawing of the shell	:	See annex 3
1.4	Description of protective padding		
1.4.1	Composition	:	Expanded polystyrene
1.4.2	Density and weight		

Size (cm)	Shell size	Comfort padding thickness (Main) (mm)	EPS (Protective padding)Density (Main +Ear + Middle) (Kg/m^3)	Protective padding Thickness (mm)	EPS (Protective padding)Weight (Main +Ear + Middle) (grams)
XS(54)	S	12	45+50+85	30-35	110.2+38.3+6.1
S(56)	S	8	45+50+85	30-35	110.2+38.3+6.1
M(58)	M	12	55+70+85	30-35	158.5+48.2+6.1
L(59)	M	8	55+70+85	30-35	158.5+48.2+6.1
XL(60)	XL	12	60+70+85	30-35	170.8+42.4+6.1
XXL(61)	XL	8	60+70+85	30-35	170.8+42.4+6.1

1.4.3 Drawing of the protective padding : See annex 4

1.5 Description of comfort padding

1.5.1 Composition of

Comfort padding : Compound sponge

Comfort tissue : Nylon

Protection of the back of the nape : Sponge, textile and leather

Lateral packing : EPS and compound sponge

Lower face cover : EPS and PU

1.5.2 Drawing of the comfort padding : See annex 5

1.6 Description of the retention system

1.6.1 Chin strap

Material : Nylon

Width : 22 mm or 25 mm

1.6.2 Retention system : Type 1: Double-D ring with 25mm Chin strap

Type 2: No.10 quick release mechanism with 22mm Chin strap

1.6.3 Comfort padding of the retention system

Composition : Leather and textile

Thickness : 3 mm

1.6.4 Anchorage system to the shell : By means of a metallic piece fixed to the shell by rivets

1.6.5 Drawing of the retention system : See annex 6

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 See annex 7

1.8.1 Peak : n.a.

1.8.2 Information for wearer

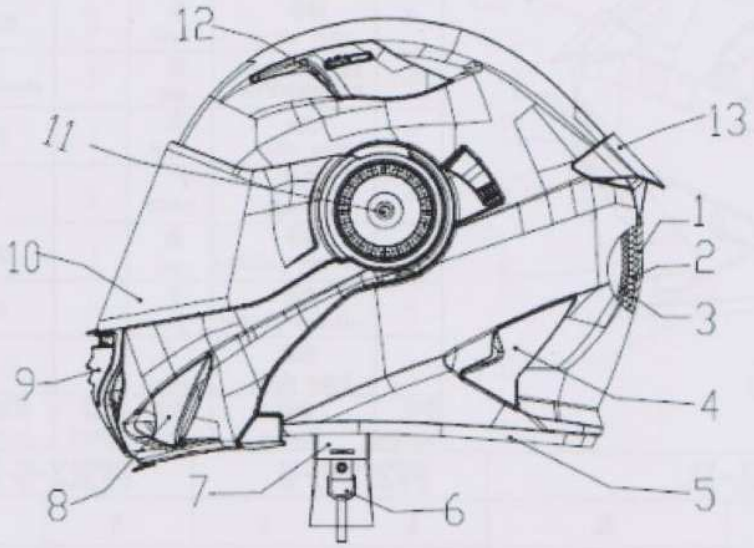
1.8.2.1 Text : See annex 8

1.8.2.2 Position : Hang on chin strap

ANNEXS

Annex 1	Drawing of the helmet	16.01.2017
Annex 2	Drawing of the Visor	16.01.2017
Annex 3	Drawing of the shell	16.01.2017
Annex 4	Drawing of the protective padding	16.01.2017
Annex 5	Drawing of the comfort padding	16.01.2017
Annex 6	Drawing of the retention system	16.01.2017
Annex 7	Drawing of the accessories	16.01.2017
Annex 8	Information for wearer	16.01.2017

Annex 1: Drawing of the helmet

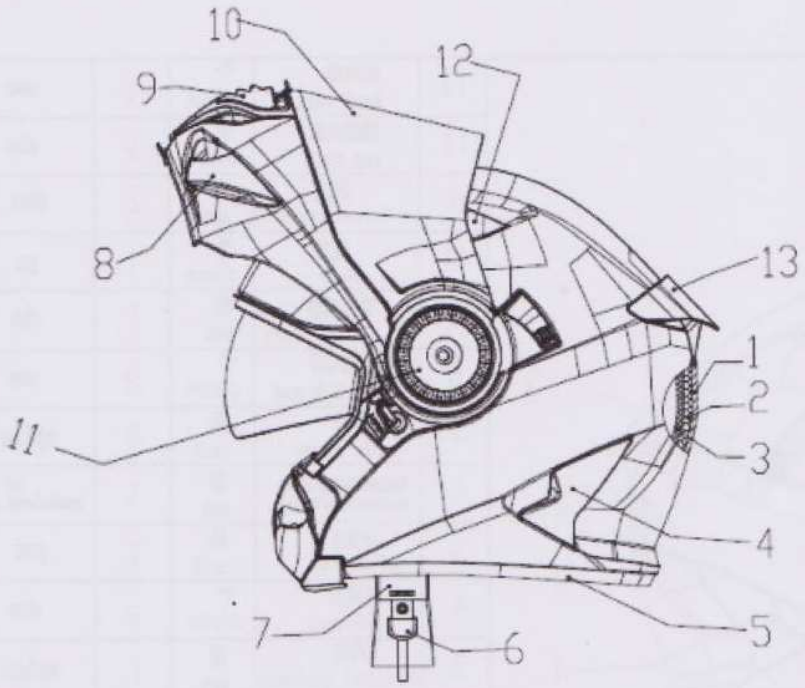


序号 number	名称 name	单位 unit	数量 piece	材料 material
13	后风窗 back vent	个 piece	1	abs
12	顶前风窗 top vent	个 piece	2	abs
11	底座 Ratchet system	套 set	2	pom
10	镜片 visor	个 piece	1	pc
9	下巴风窗 mouth vent	套 set	1	abs
8	下巴侧风窗 Mouth Side vent	个 piece	2	abs
7	帽带 chin strap	条 unit	2	nylon
6	快速扣/双D型平圆铁环扣 buckle/Double"D"ring	套 set	1	as/ stainless steel
5	下胶边 rubber ring	条 unit	1	pvc
4	侧风窗 Side vent	个 piece	2	abs
3	内衬 comfort padding	套 set	1	nylon
2	泡沫 protective padding	个 piece	4	eps
1	壳体 Outer shell	个 piece	1	Carbon

MODEL	FF313-XXL-XL		FF313-L-M		FF313-S-XS	
SIZE	XXL	XL	L	M	S	XS
CM	61	60	59	58	56	54

技术要求 technical requirement

1.The surface of the outshell should be smooth and bright no mottle, pinhold,bulb,drop lack of oil ,disdosule of basic color.
2. Every spare parts should be fixed correctly , and not be loose,missed.



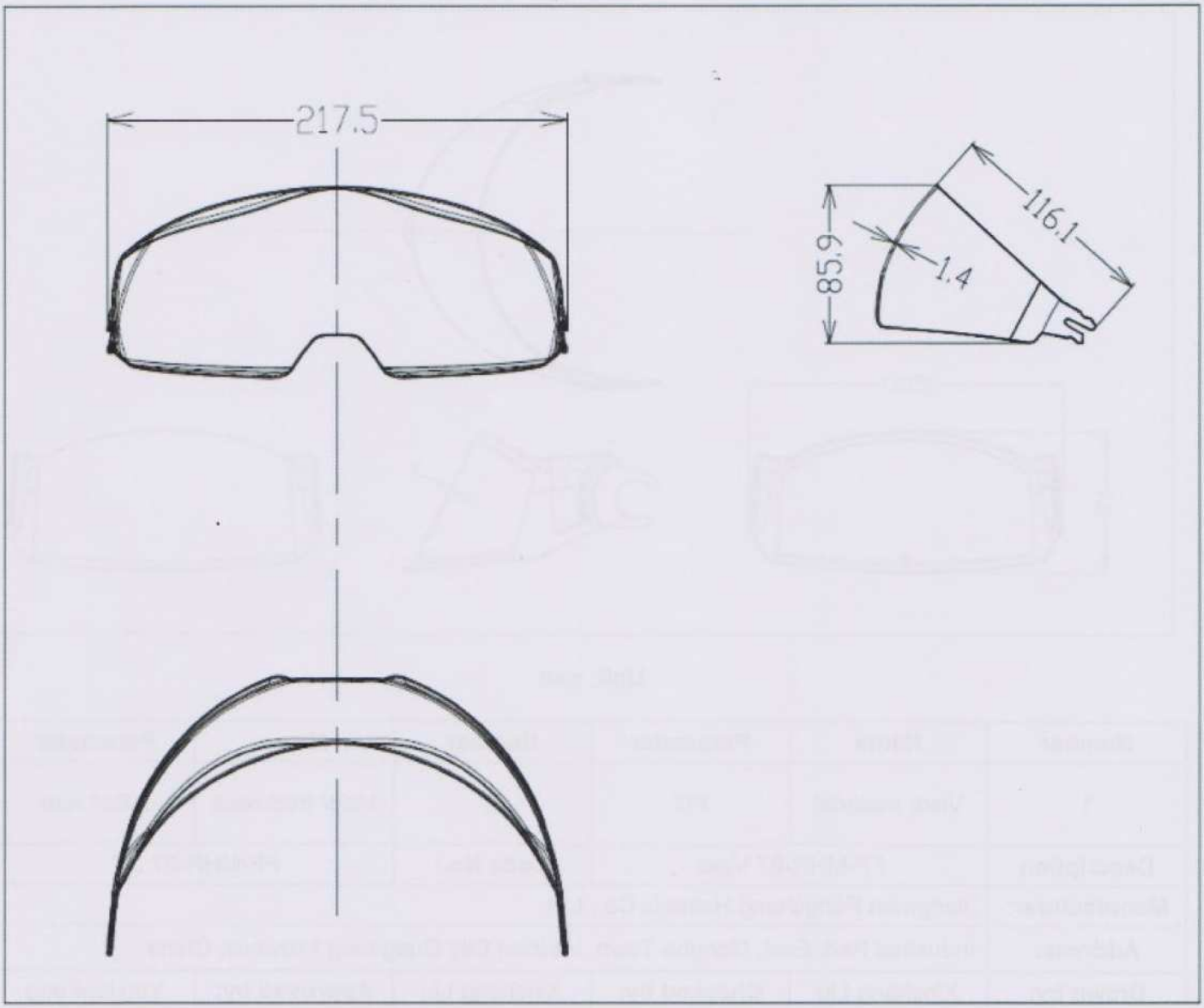
序号 number	名称 name	单位 unit	数量 piece	材料 material
13	后风窗 back vent	个 piece	1	abs
12	顶部风窗 top vent	个 piece	2	abs
11	底座 Ratchet system	套 set	2	pom
10	镜片 visor	个 piece	1	pc
9	下巴风窗 mouth vent	套 set	1	abs
8	下巴侧风窗 Mouth Side vent	个 piece	2	abs
7	帽带 chin strap	条 unit	2	nylon
6	快速扣/D型不锈钢环扣 buckle/Double"D"ring	套 set	1	as/ stainless steel
5	下胶边 rubber ring	条 unit	1	pvc
4	侧风窗 Side vent	个 piece	2	abs
3	内衬 comfort padding	套 set	1	nylon
2	泡沫 protective padding	个 piece	4	eps
1	壳体 Outer shell	个 piece	1	Carbon

MODEL	FF313-XXL-XL		FF313-L-M		FF313-S-XS	
SIZE	XXL	XL	L	M	S	XS
CM	61	60	59	58	56	54

技术要求 technical requirement

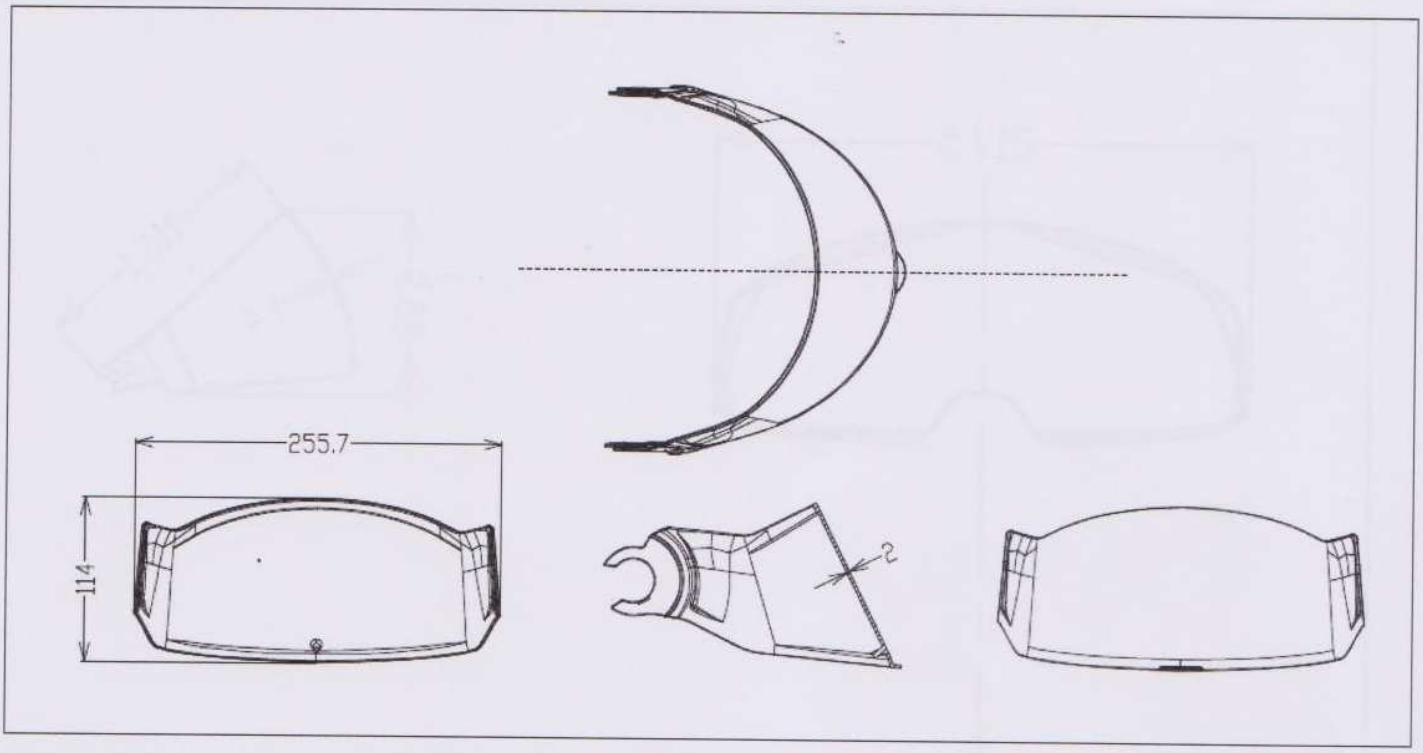
1.The surface of the outshell should be smooth and bright no mottle, pinhold,bulb,drop lack of oil ,disdosure of basic color.
2. Every spare parts should be fixed correctly , and not be loose,missed.

Annex 2: Drawing of the Visor



Unit: mm

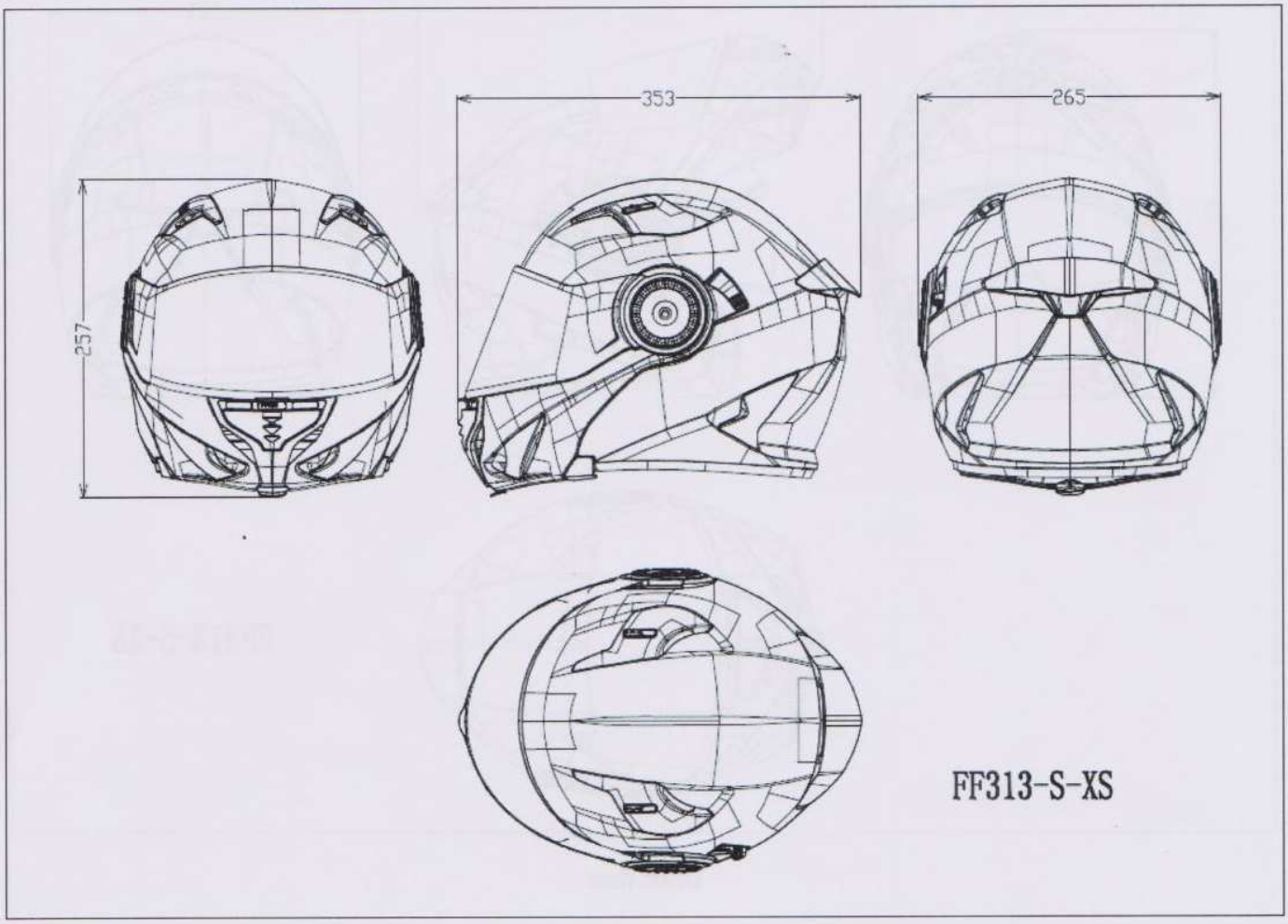
Number	Name	Parameter	Number	Name	Parameter
1	Sun shade material	PC	2	thickness	1.4±0.5 mm
Description	FF313 sun shade		**Code No.:**	FF313.2.1	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	10.02.2017	**Date:**	06.03.2017	**Date:**	06.03.2017

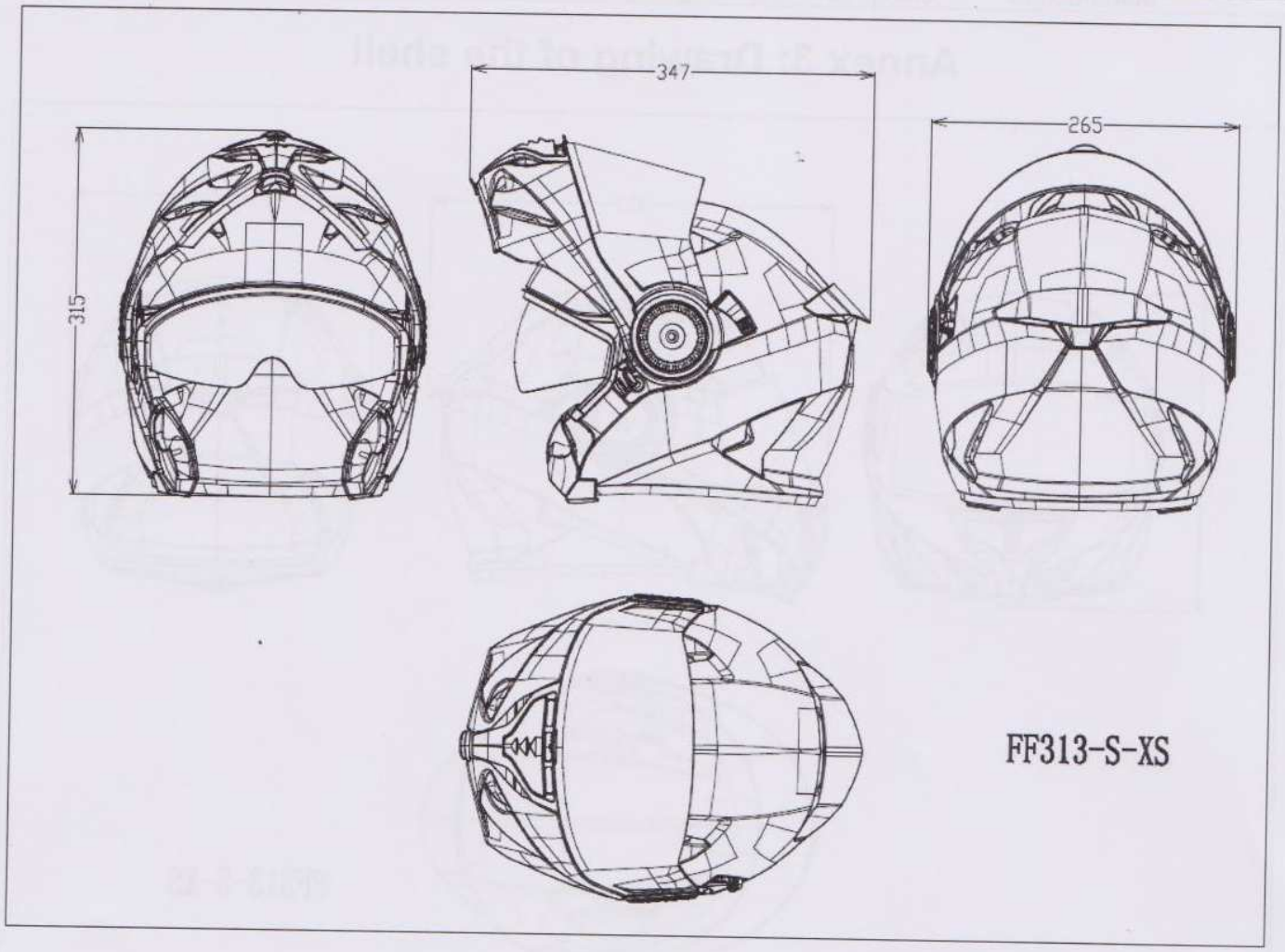


Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Visor material	PC	2	Visor thickness	2.0±1 mm
Description	FF-MHR-87 Visor		**Code No.:**	FF-MHR-87.2.2	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	10.02.2017	**Date:**	06.03.2017	**Date:**	06.03.2017

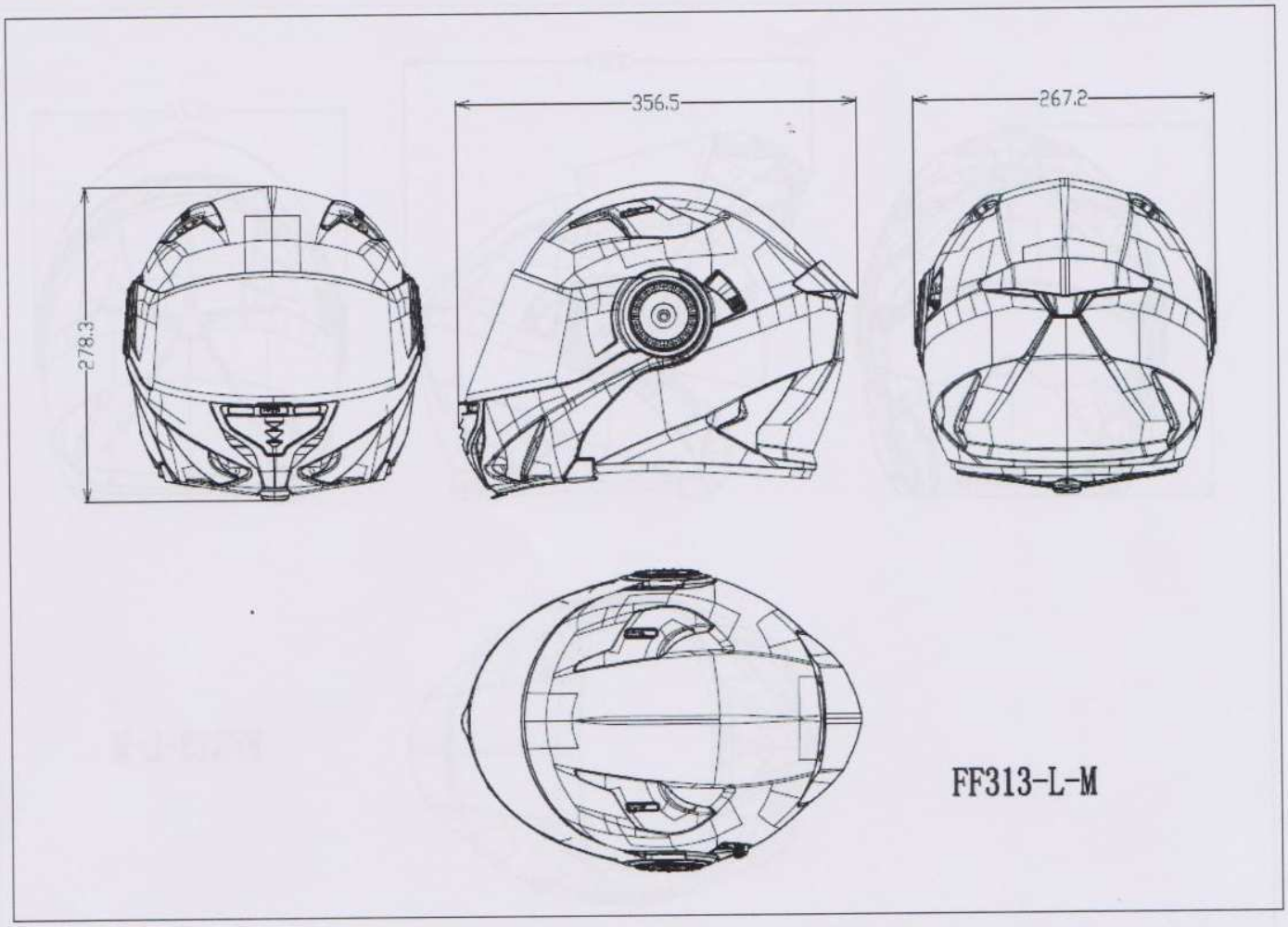
Annex 3: Drawing of the shell

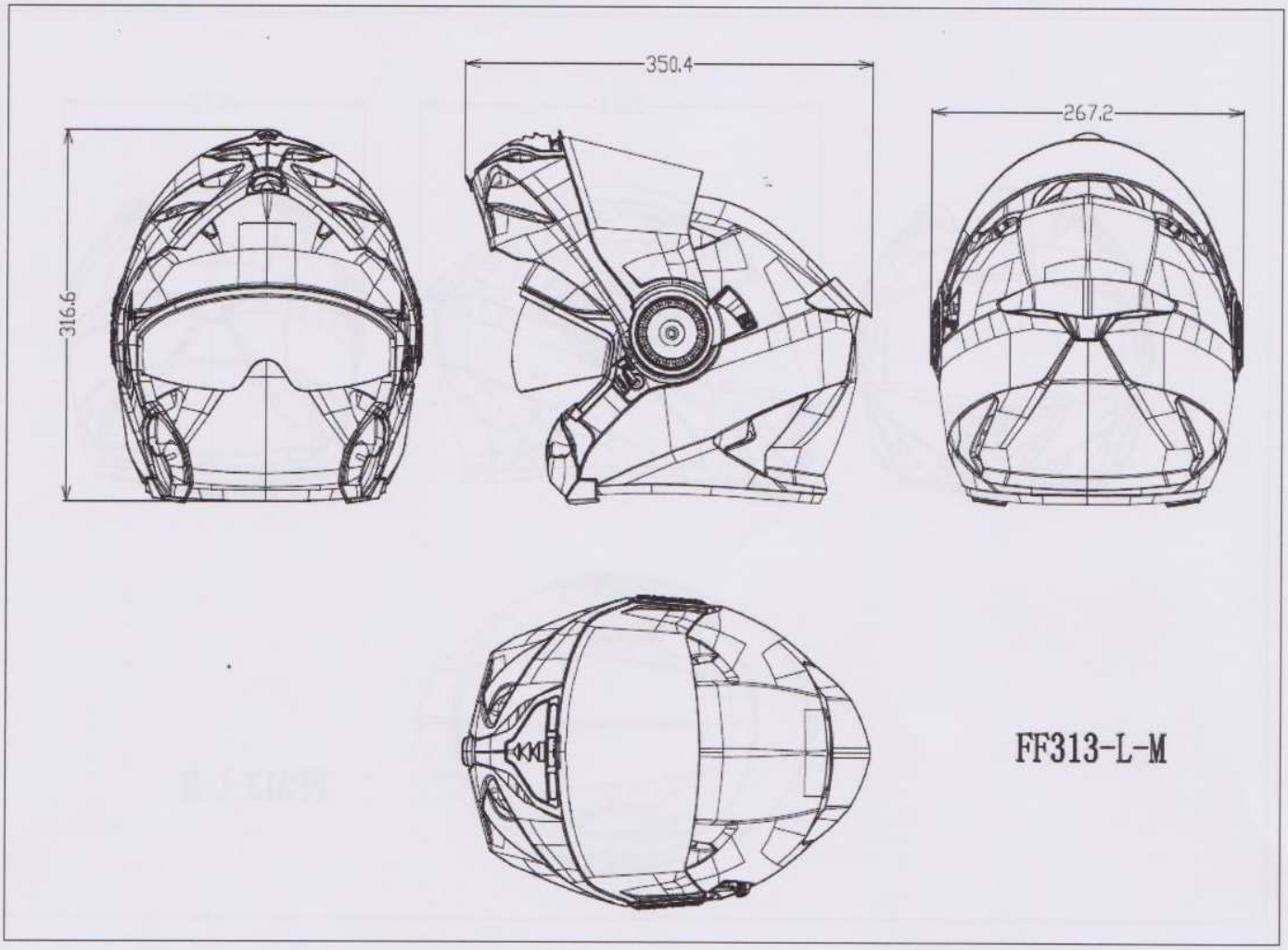




Unit: mm

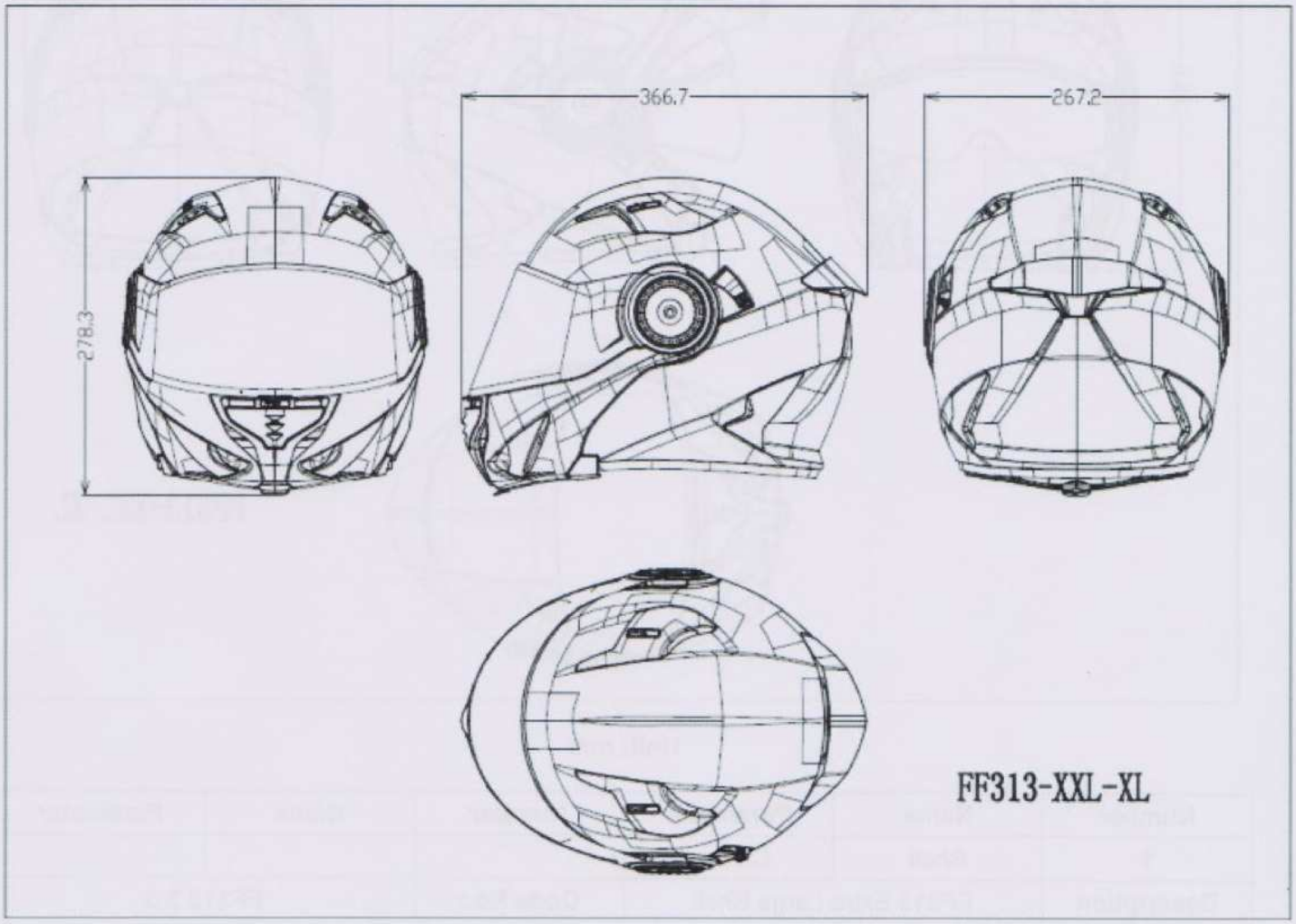
Number	Name	Parameter	Number	Name	Parameter
1	Shell	Carbon			
Description	FF313 Small Shell		**Code No.:**	FF3213.3.1	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

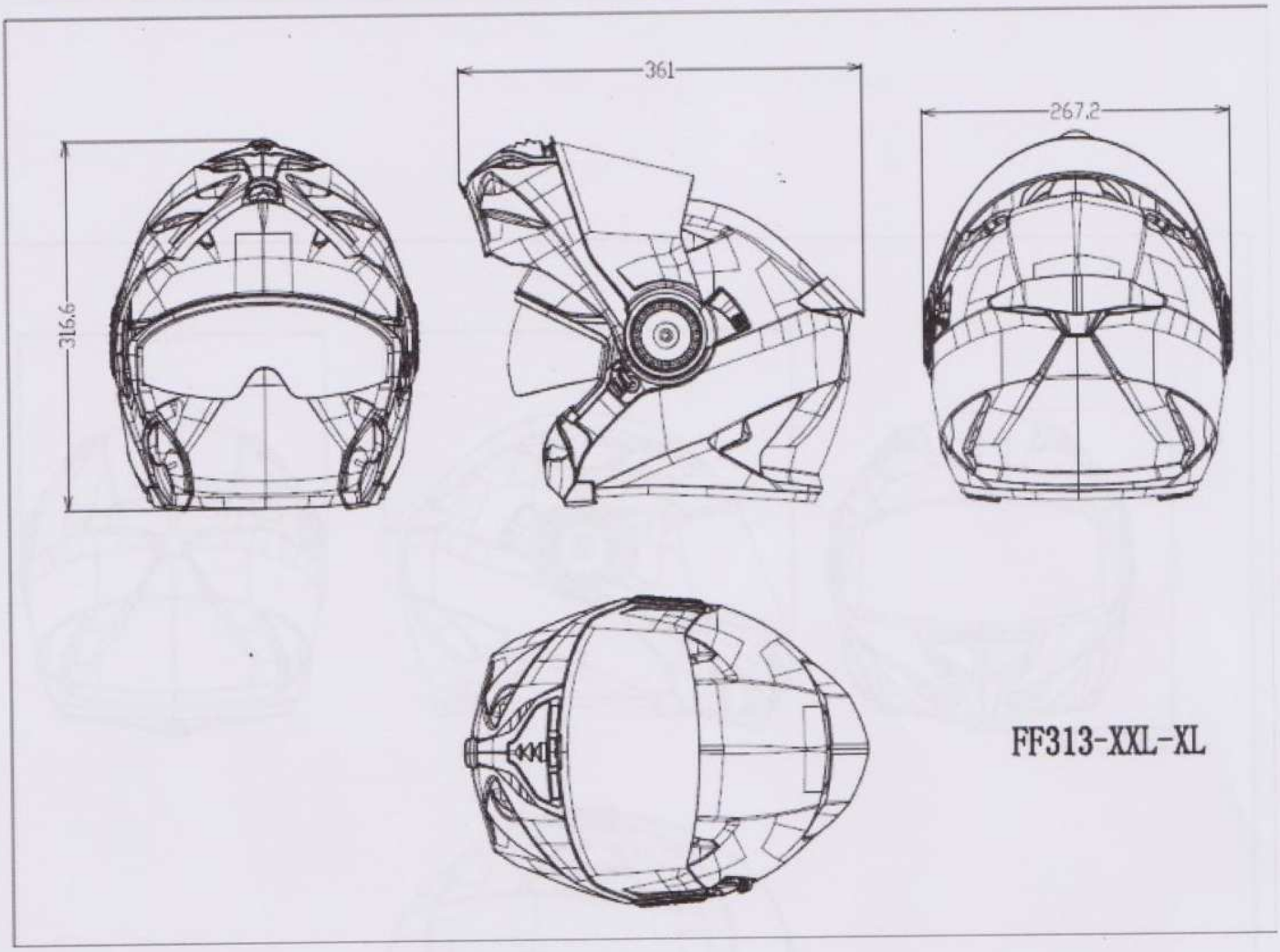

356.5
267.2
278.3
FF313-L-M



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	Carbon			
Description	FF313 Medium Shell		**Code No.:**	FF313.3.2	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

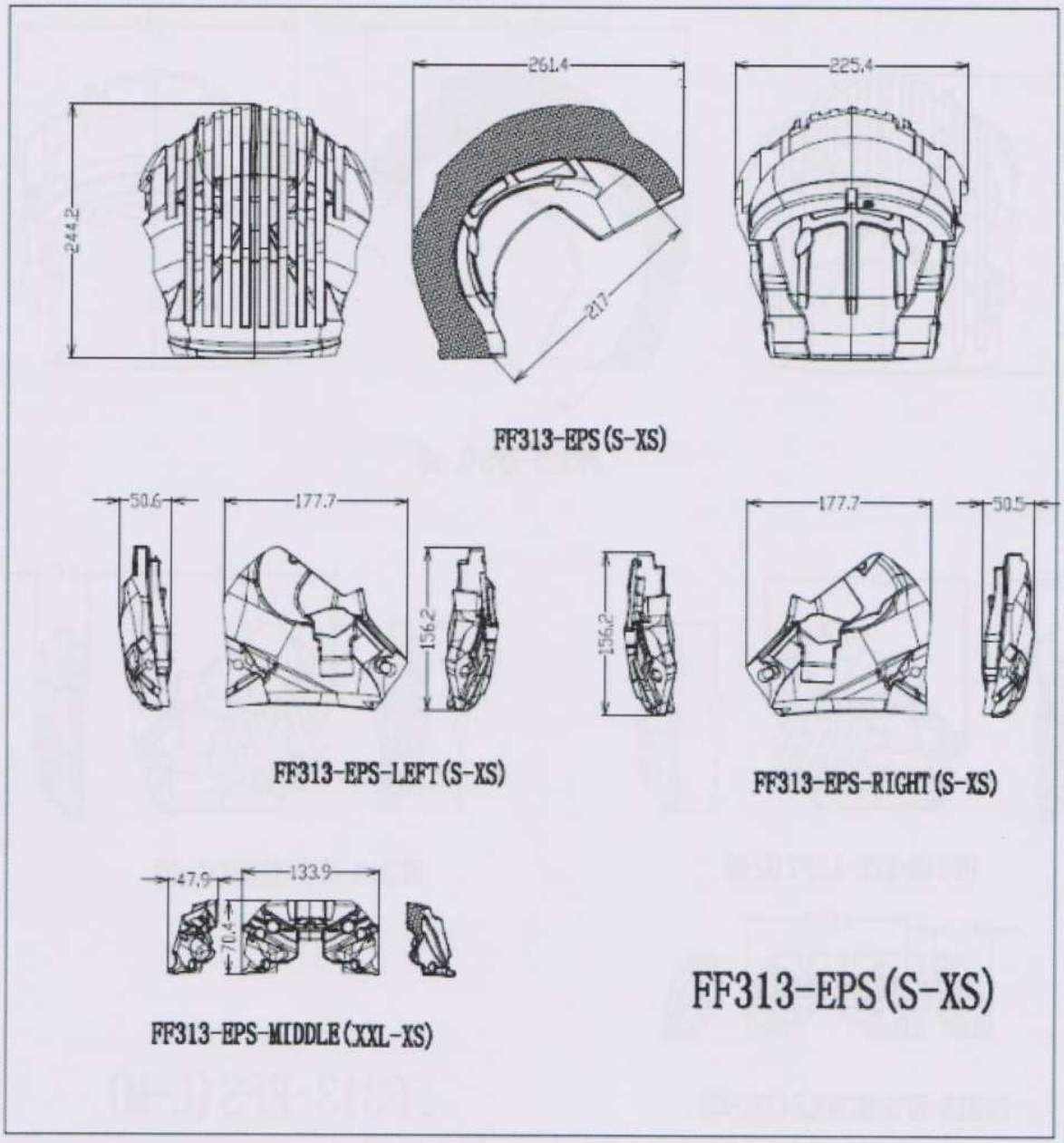

366.7
267.2
278.3
FF313-XXL-XL



Unit: mm

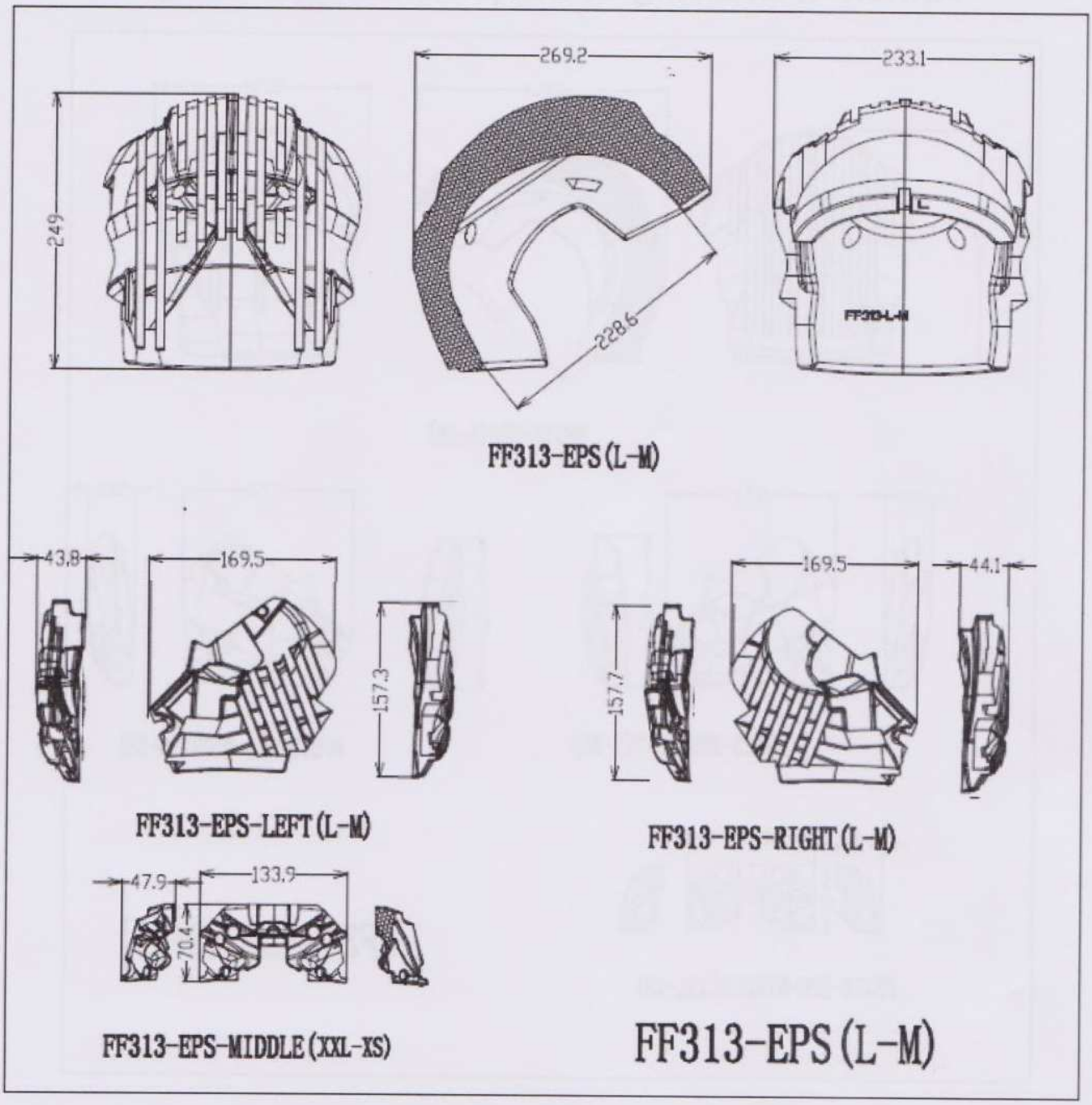
Number	Name	Parameter	Number	Name	Parameter
1	Shell	Carbon			
Description	FF313 Extra Large Shell		**Code No.:**	FF313.3.3	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

Annex 4: Drawing of the protective padding



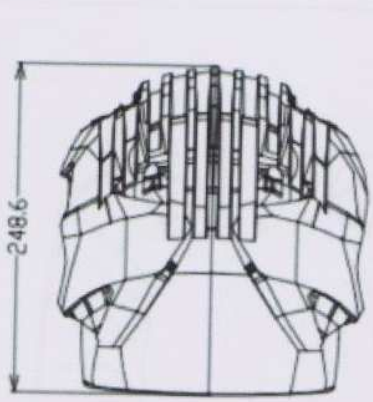
Unit: mm

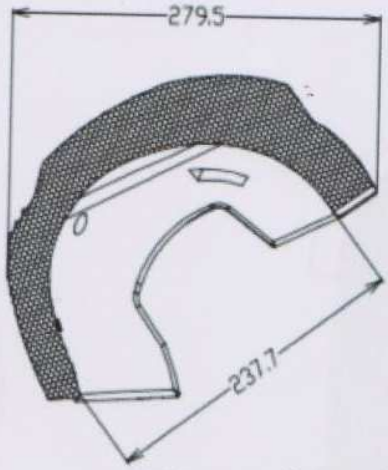
Number	Name	Parameter	Number	Name	Parameter
1	Protective padding	EPS			
Description	FF313 S-XS Protective padding		Code No.:	FF313.4.1	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	Checked by:	Xinsheng Liu	Approved by:	YouJunFeng
Date:	26.05.2017	Date:	02.06.2017	Date:	02.06.2017

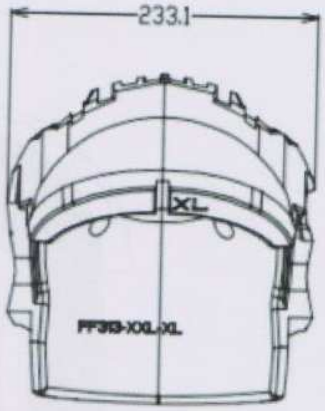


Unit: mm

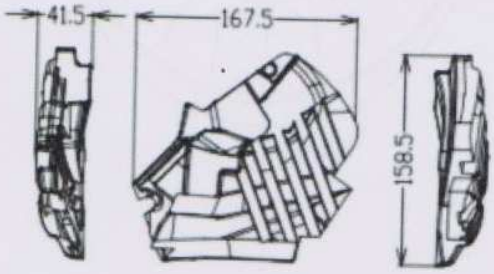
Number	Name	Parameter	Number	Name	Parameter
1	Protective padding	EPS			
Description	FF313 L-M Protective padding		**Code No.:**	FF313.4.2	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017



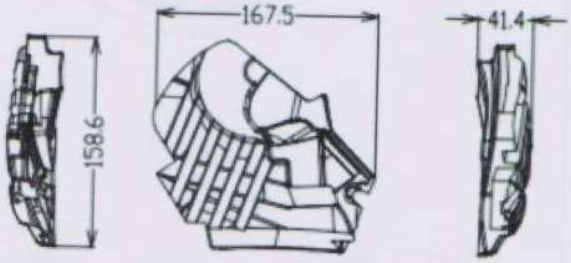




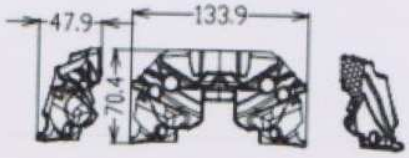
FF313-EPS(XXL-XL)



FF313-EPS-LEFT(XXL-XL)



FF313-EPS-RIGHT(XXL-XL)



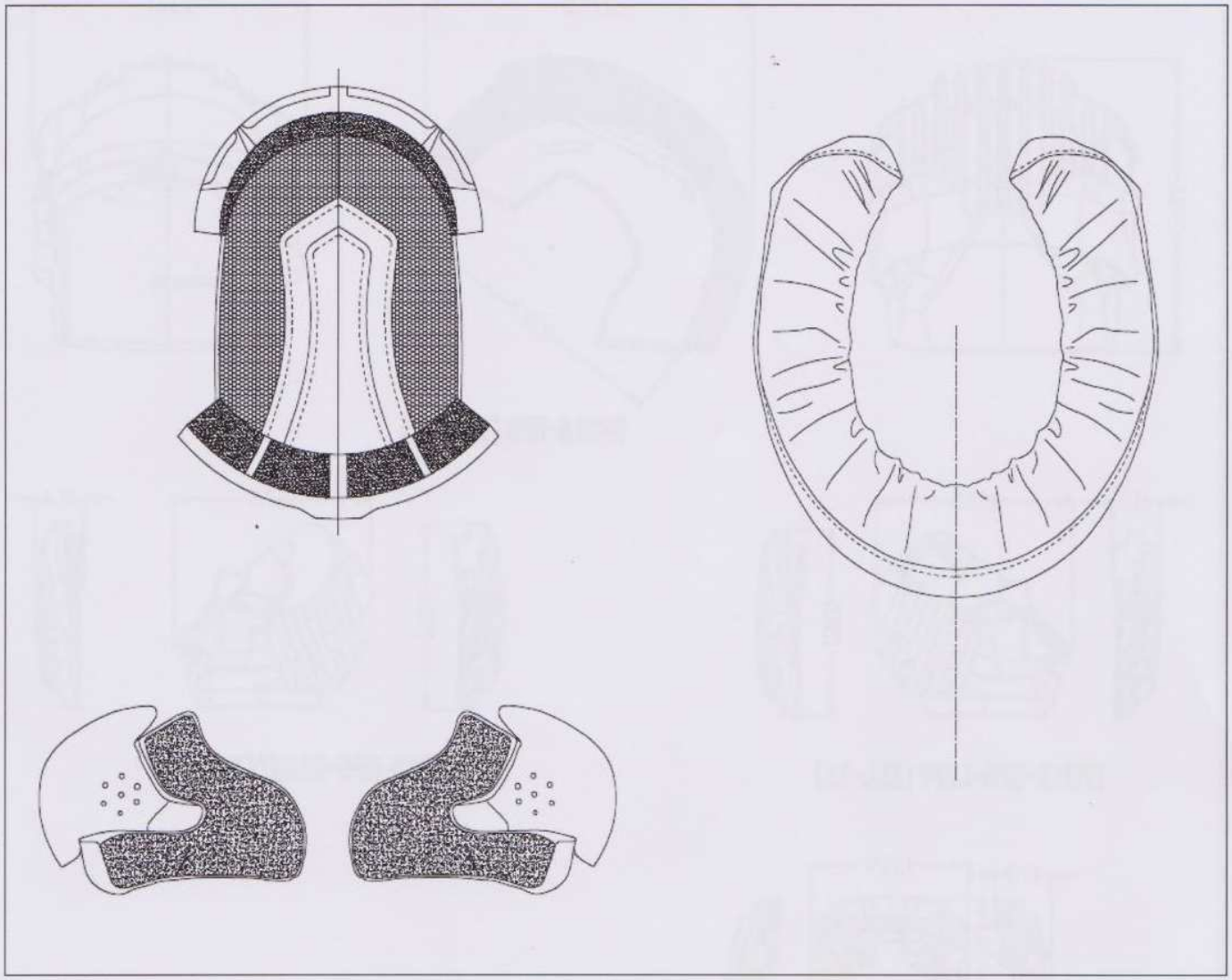
FF313-EPS-MIDDLE(XXL-XS)

FF313-EPS(XXL-XL)

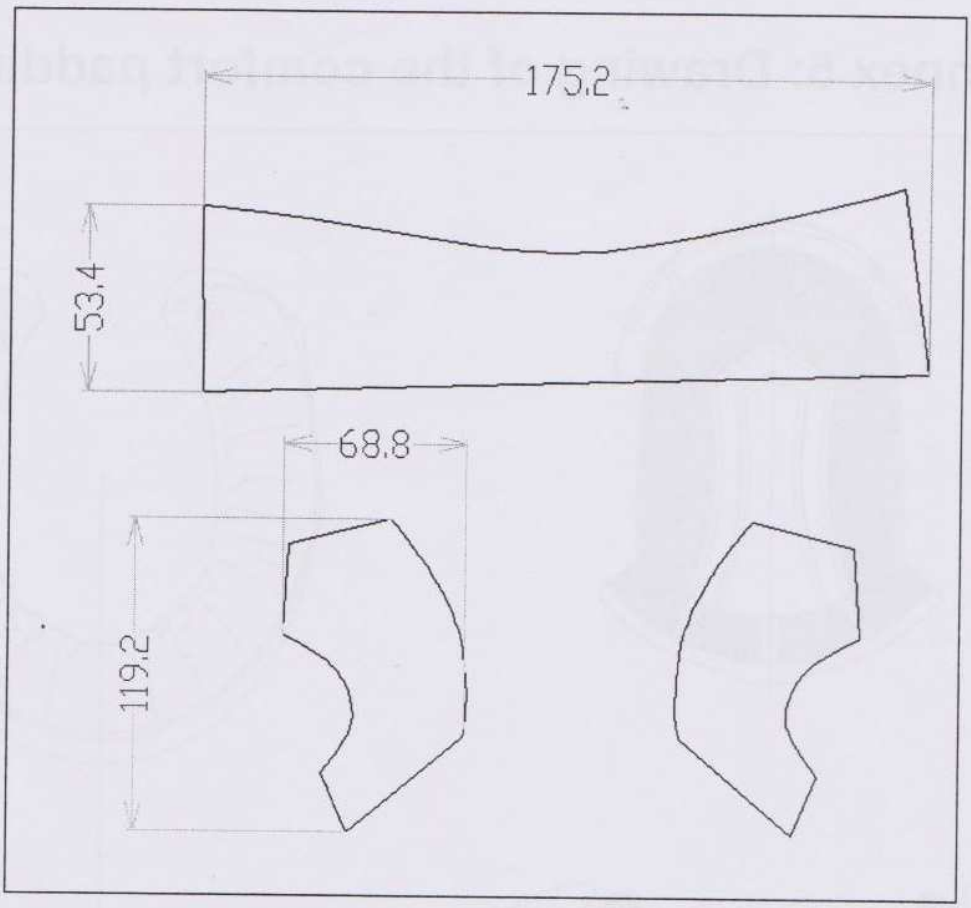
Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Protective padding	EPS			
Description	FF313 XXL-XL Protective padding		Code No.:	FF313.4.3	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	Checked by:	Xinsheng Liu	Approved by:	YouJunFeng
Date:	26.05.2017	Date:	02.06.2017	Date:	02.06.2017

Annex 5: Drawing of the comfort padding



Number	Name	Material	Number	Name	Material
1	Comfort padding	Nylon	3	Ear chin strap padding	Nylon + PP
Description	FF313 Comfort padding		**Code No.:**	FF313.5.1	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

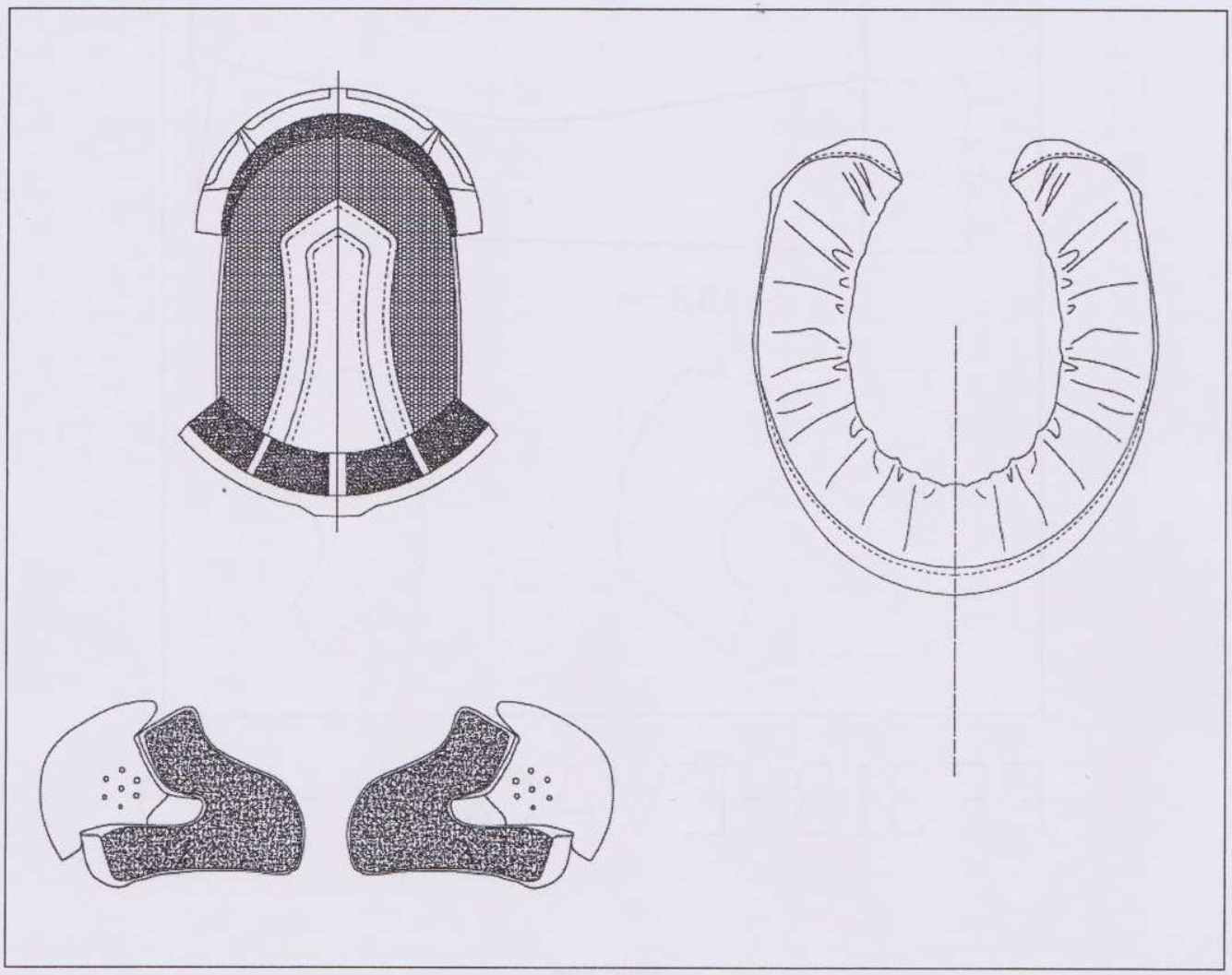


FF313-EVA(XXL-XL)

Unit: mm

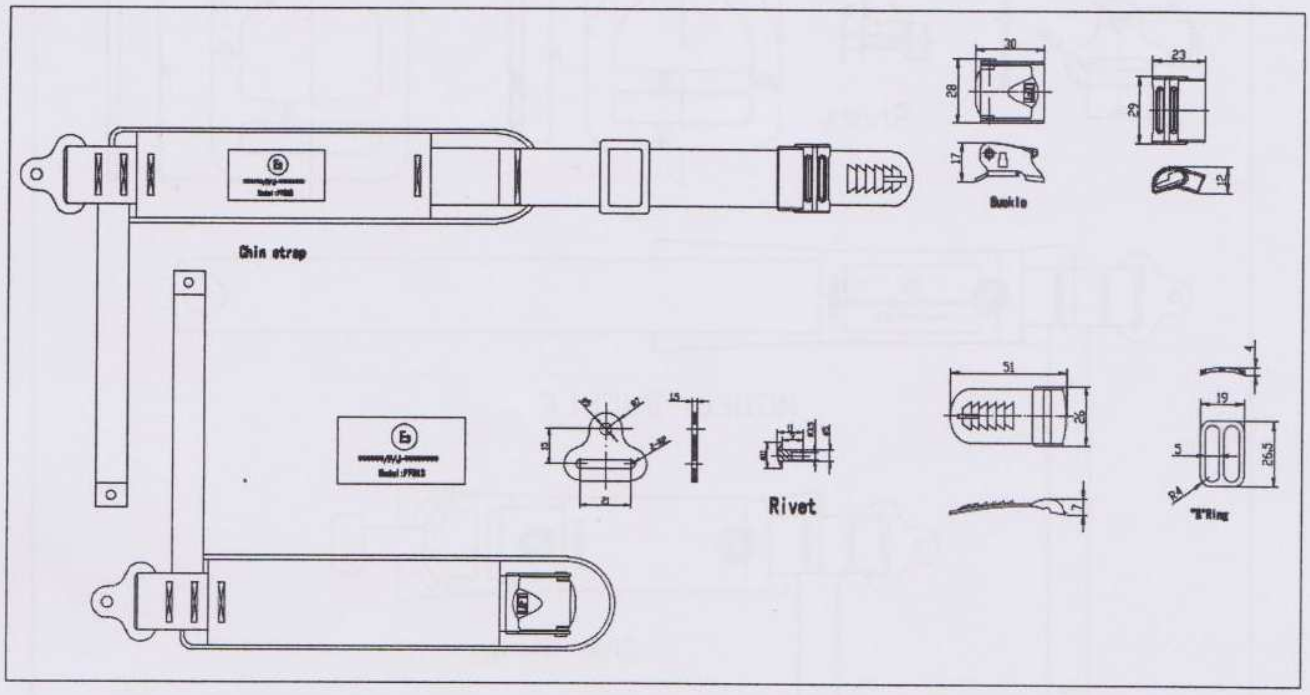
Number	Name	Parameter	Number	Name	Parameter
1	Protective padding	EPS	2	Protective padding	EVA
Description	FF313 XXL-XL Protective padding		**Code No.:**	FF313.4.3	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

Annex 5: Drawing of the comfort padding



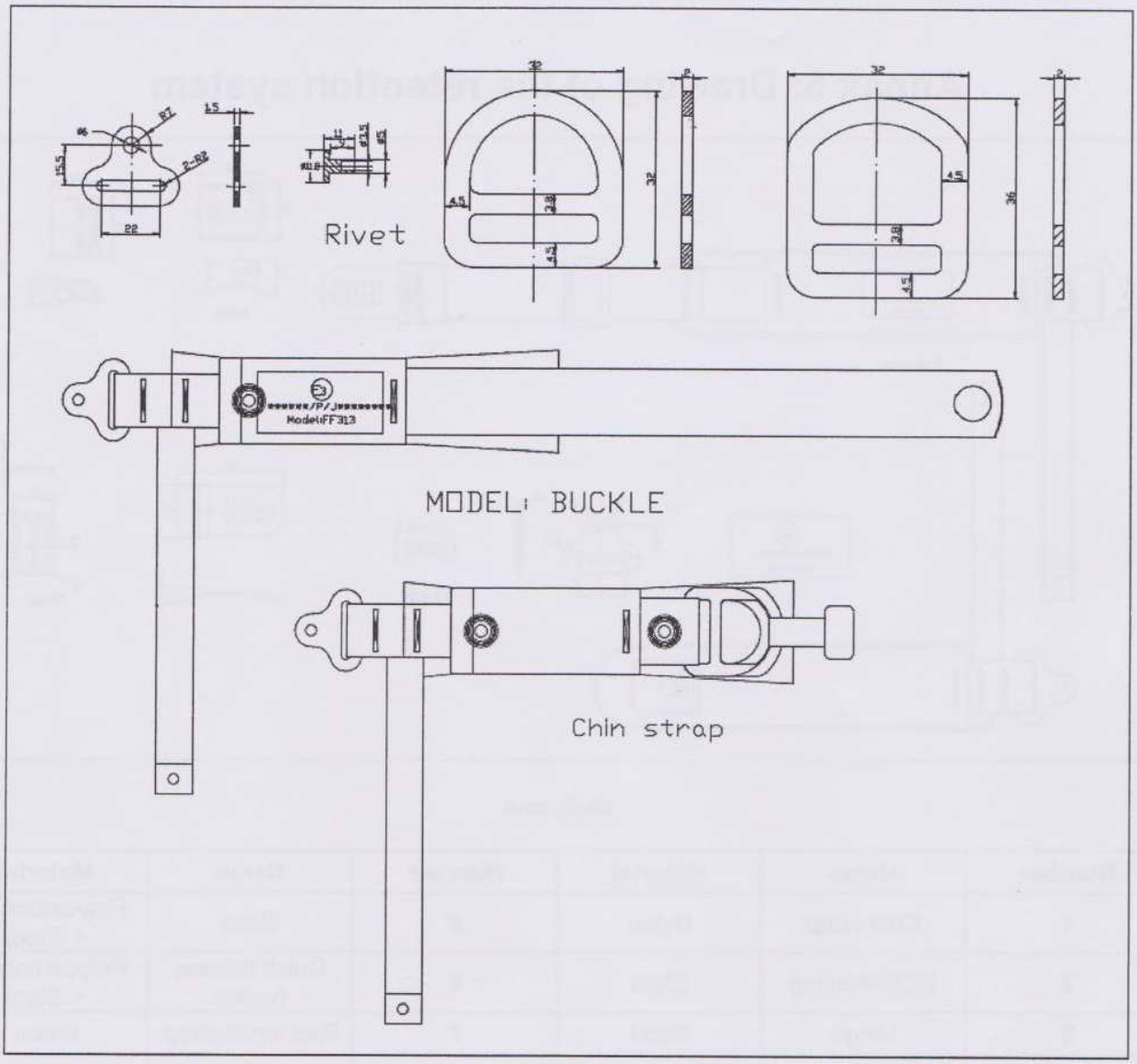
Number	Name	Material	Number	Name	Material
1	Comfort padding	Nylon	3	Ear chin strap padding	Nylon + PP
Description	FF313 Comfort padding		**Code No.:**	FF313.5.1	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

Annex 6: Drawing of the retention system



Unit: mm

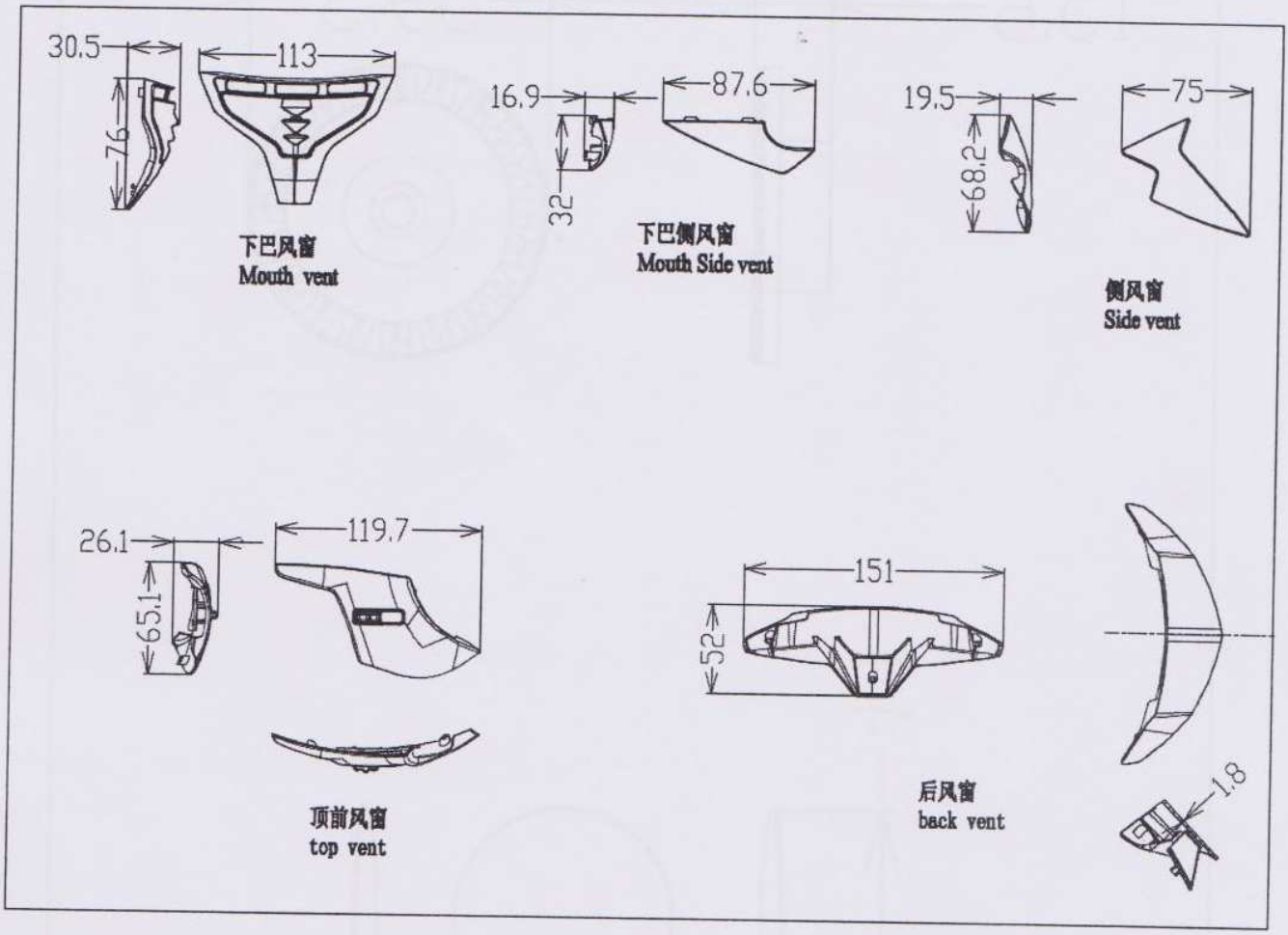
Number	Name	Material	Number	Name	Material
1	Chin strap	Nylon	5	Slider	Polycarbonate + Steel
2	ECE Marking	Cloth	6	Quick release buckle	Polycarbonate + Steel
3	Hinge	Steel	7	Red small strap	Nylon
4	Rivet	Steel	8	"B" Ring	Nylon
Description	FF313 Retention system (NO.10 Buckle)		Code No.:	FF313.6.1.	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	Checked by:	Xinsheng Liu	Approved by:	YouJunFeng
Date:	26.05.2017	Date:	02.06.2017	Date:	02.06.2017



Unit: mm

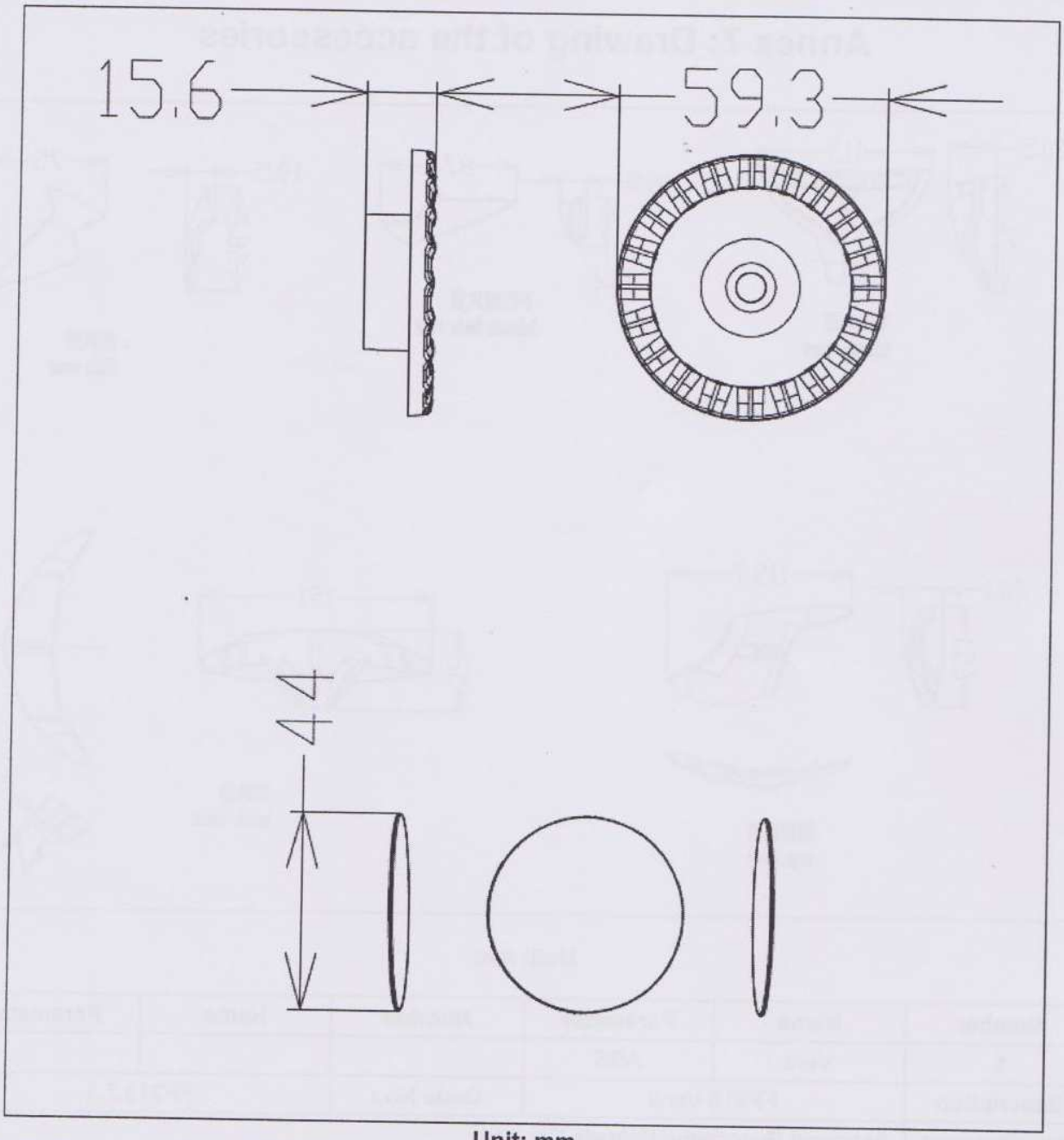
Number	Name	Material	Number	Name	Material
1	Chin strap	Nylon	5	"D" Ring	Steel
2	ECE Marking	Cloth	6	Red small strap	Nylon
3	Hinge	Steel			
4	Rivet	Steel			
Description	FF313 Retention system (Double "D" Ring)		**Code No.:**	FF313.6.2	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	**Checked by:**	Xinsheng Liu	**Approved by:**	YouJunFeng
Date:	26.05.2017	**Date:**	02.06.2017	**Date:**	02.06.2017

Annex 7: Drawing of the accessories



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Vent	ABS			
Description	FF313 Ventl		Code No.:	FF313.7.1	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	Checked by:	Xinsheng Liu	Approved by:	YouJunFeng
Date:	26.05.2017	Date:	02.06.2017	Date:	02.06.2017



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Ear Cap	ABS			
Description	FF313 Ear Cap		Code No.:	FF313.7.2	
Manufacturer:	Jiangmen Pengcheng Helmets Co., Ltd.				
Address:	Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China				
Drawn by:	Xinsheng Liu	Checked by:	Xinsheng Liu	Approved by:	YouJunFeng
Date:	26.05.2017	Date:	02.06.2017	Date:	02.06.2017

Annex 8:Information for wearer

Congratulations on purchasing your new LS2 helmet. Please read these instructions carefully before use. They contain valuable informations to help you obtain the most protection from your helmet and to ensure a longer life for your helmet. All our products come from the most advanced research in terms of active security and design. The very high level for aerodynamism and comfort will get you the best performances all along the road. Whatever can be your choice leisure, tourism, racing, one of the helmets from the LS2 range is the best solution for your active protection

1. Read these instructions thorougly before using your helmet for the first time and store them safety for future reference.
2. A helmet like all products may wear out over time depending upon its use and the amount of care that is given. Please check your helmet every time before use for damage and do not use a damaged helmet. The most known standards of homologation recommend a helmet life of five years. LS2 agrees with their recommendation even though your helmet does not show any signs of malfunction, visible damage or defect. We strongly recommend you replace your helmet five years after the original date of purchase. See also "ONE IMPACT RULE" of item 3 in this manual, which says clearly "helmet is designed to help absorb one impact".
3. If you have any questions or comments concerning this helmet, please contact your nearest LS2 dealer or agent. Note that these specifications are subject to change without notice, as we continually strive to improve our products.

HOW TO CHOOSE A HELMET AND WEAR IT CORRECTLY

No helmet can protect the wearer against all foreseable high speed and low speed impact. however, for maximum head protection the helmet must be of proper fit and the retention system must be securely fastened under the chin. Failure to have proper fit and to securely fasten the helmet is dangerous as the helmet could come off in an accident resulting in severe head injury or death.

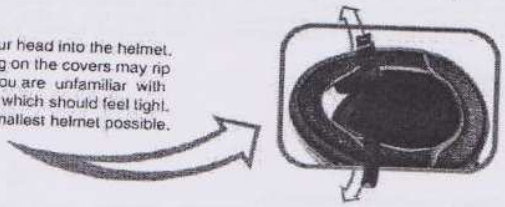
1 To determinate proper fit.

1.1. Measure your head size. Wrap a tape measure horizontally around your head at the height of about 2.5 cm above your eyebrows. This will establish the longest measurement around your head.

1.2. Select the helmet that is the closest match to your head size. If your head size should fat between two helmet sizes, try on the smaller one first.

2 Try the helmet on

2.1. Expand the helmet opening by the straps, and slide your head into the helmet. Pull the chin straps only, not the chin straps cover, puling on the covers may rip them. If the helmet is not tight, it is too big for you. If you are unfamiliar with helmets you may be reluctant to pull down the helmet which should feel tight. Even if you feel it is difficult to put it on, please use the smallest helmet possible.



3 Check for a proper fit. With the helmet , go through the following checklist to determine whether the helmet is the correct size.

3.1. Make sure the inner lining fits snugly all around your head.

3.2. Make sure the top pad presses closely to the top of your head.

3.3. Check whether the cheek pads are in contact with your cheeks.

3.4. Make sure there is no space between inner lining and brow where you could insert your finger.

3.5. Now, take hold of the helmet with a hand on each side. Without moving your head, try to move the helmet up and down, and side to side. You should feel the skin of your head and face being pulled as you try to move the helmet. If you can move the helmet around easily, it is too big. Try a smaller size.

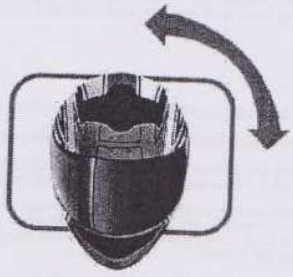
4 Check the retention system and go through the following steps.

4.1. Fasten the chinstrap as tight as possible without causing you pain (see diagram 2). There must be no slack in the strap and it must be tight up against your chin.

4.2. With the chinstrap secured, put your hands flat on the back of the helmet and try to push the helmet off by rotating forward.

4.3. Next, put your hands on the front of the helmet above your forehead (or on the chinguard) and try to push the helmet off by rotating it toward the rear.

4.4. If the helmet starts to come off in either direction, do not use the helmet. either the helmet is too large for you or the chin strap is not tightened enough.



Tightening the chinstrap correctly is extremely important. Try to pull down on the chinstrap with the tips of your fingers if the strap is not against your chin or loosens, you have not properly put the strap through the D rings. Start again (see diagram 2) If your chinstrap is loose, the shock of an impact may knock your helmet off, leaving your head completely unprotected. Do not use a helmet that can be rolled off the head with the chinstrap fastened, since it may come off in an accident, resulting in death or serious personal injuries.

ENGLISH

D RING: To securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown in diagra m 2 and put it tight against your throat. Clip the chin strap end hook on the D ring as shown in diagram 2 to secure the loose end of the chin strap after it's securely fastening the chin strap. The only function of the chinstrap end hook fitted on the end of the chinstrap is to avoid flutering of the end part of the chinstrap.

Quick-release retention system: To fasten the strap, push the metal tongue firmly into the buckle until it locks with a click. Pull the strap tight and pass the end of the strap through the strap ring or ladder to secure it. To release the strap, press the two catches inward (or slide the catche down).

SAFETY RECOMMENDATIONS

1

No helmet can protect wearer against all foreseeable high speed and low speed impacts.
However, for maximum head protection, the helmet must be of proper fit and retention system must be securely fastened under the chin. The helmet should allow peripheral vision when secure on your head. If your helmet is too large, it may sleep or moove on your head while riding which may make it possible for your helmet to come off in an accident or to obstruct your vision while riding. In the first case, your helmet will not protect your head in an accident, which can result in serious personal injury or death and in the second case, if you cannot see you may have an accident.

2

Use only a helmet that fits snugly all around your head, and fasten the chinstrap securely under your chin.
Expand the helmet opening with your hands, and slide your head into the helmet. Please check whether the helmet fits properly according to the checklist (paragraph 3, page 3). Pull the chinstraps only, not the chinstraps covers. Pulling on the covers may rip them. if the helmet is not tight, it is too big for you. to securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown, and pull it tight up against your throat. In the case of quick-release retention system, refer to upper paragraph. If your chinstrap is loose, the shock of an impact may knock your helmet off leaving your head completely unprotected resulting in serious personal injury or death.

3

Helmets are designed to help absorb ONE impact. Afetr your helmet has protected you from an impact, you must get a new one.
Your helmet is designed to distribute the force incurred during an impact over a wide area. Even if your helmet looks undamaged extemally its useful life is finished after one impact during riding, for example, a capsize or accident where you and your helmet hit the ground or some object. In an impact, the helmet's impact absorbing liner becomes compacted. Once this has happened, the helmet no longer has the ability to absorb further impacts. Your helmet may look the same, but it will not provide protection in an accident. if you have any doubts, for example, if you drop your helmet or if it is hit by something and you are not sure if this one impact rule applies, consult your LS2 dealer before you use the helmet again.

page 4

ENGLISH

4

Clean your helmet carefully.
Never use hot or salt water, benzene, gazoline, glass cleaner or other solvents. Your helmet could be seriously damaged by these substances. whithout whowing any apparent visible damage. A helmet damaged or weakened by a cleaning agent may not provide head protection in an accident resulting in serious personal injury or death. The correct way to clean a helmet is to mix 5 or 6 drops of mild soap in a quart of warm water. Dampen a soft cloth with this solution and wipe the helmet clean. Rinse with a wet cloth.

5

Never modify your helmet.
It is very dangerous to drill holes or cut the shell and / or the shock absorber liner. Modifications can seriously weaken the helmet. Modifying the retention system weakens it, and it may snap in an impact. removing parts such as the mouth guard or rubber face trim can expose edges, which may injure you in an accident. Always used approved LS2 parts when replacing shields, screws, or any other parts. A weakened helmet will not provide protection.

6

Don't mistread your helmet.
Never ride with the helmet hanging from the helmet holder, and don't hang the helmet from angled supports like a mirror. Don't sit on your helmet or throw it around. You should not expose the liner of your helmet to strong sunlight and excessive heat such as near heaters or where temperatures exceed 50° C (122 F). Avoid the spray of insect repellent chemicals (such as "naphtalene") near the helmet. Mistreating your helmet will damage the shell and impact absorbing liner and reduce the helmet's ability to protect you in an accident.

7

Always check your helmet before riding off.

1. **Check the shield and visor screws, and retighten them if necessary.**
2. **Check for cracks in the helmet. Strong acid (for exampl, battery acid) can damage the shield base. If you find cracks or damage, stop using the helmet immediately.**
3. **Plastic componets may start to wear out about 5 years after manufacture. If you find deterioration in any part of a component, either replace that component or get a new helmet. If these parts come loose and / or fall off while you are riding, your vision may be blocked which could cause an accident resulting in serious personal injury or death.**
4. **Check the security of the retention system**
5. **Make sure that the center pad (or comfort liner) and the cheek pads are attached before you use the helmet.**

8

Maintain your helmet shield in good condition.
If your shield becomes too scratched or undeanable, replace it with a new one. Impaired visibility causes accidents. Clean your shield with mild soapy water, rinse well with clean water, and dry with a soft cloth. Never use benzene gasoline, glass cleaner or any other solvents. Do not attach stickers or adhesive tape to the shield, as this will weaken the hard coating. This can damage the shield.Do not drive with a dim or blurred face shield. Impaired vision can cause an accident resulting in serious personal injury or death.

9

Do not repaint the helmet.
We do not recommend you repaint the helmet, because paint and thinner can damage the materials used in the helmet construction. A helmet damaged weakened by a paint agent may not provide head protection in an accident resulting in serious personal injury or death. If you must paint your helmet, please consult your LS2 dealer.

10

Remember: helmets block important sounds and reduce awareness of environmental changes.
When you wear a helmet, especially a full-face type, you are somewhat isolated from the environment around you. Weather changes can catch you unprepared: sudden showers or temperature variations as you enter ore leave tunnels or climb mountain roads can cause unexpected misting of your shield and loss of visibility. Do not drive with a fogged face shield. Wearing a helmet also reduces your ability to hear traffic sounds, especially of high speed. With a full face helmet, opening and closing the shield makes a major difference in how much you can hear. For sate riding be aware of how your helmet type, your speed, affects your perception of road conditions and whether your shield is open.