



CERTIFICADO DE HOMOLOGACIÓN DE TIPO CE DE VEHÍCULOS DE MOTOR DE DOS O TRES
RUEDAS SEGÚN LA DIRECTIVA 2002/24/CE MODIFICADA HASTA LA 2005/30/CE

EC TYPE-APPROVAL CERTIFICATE FOR TWO OR THREE-WHEELED MOTOR
VEHICLES FOLLOWING DIRECTIVE 2002/24/EC AS LAST AMENDED BY 2005/30/EC

Comunicación sobre / *Communication concerning:*

- concesión de la homologación ⁽¹⁾ / *type-approval granted* ⁽¹⁾
- extensión de la homologación ⁽¹⁾ / *extension of type-approval* ⁽¹⁾
- denegación de la homologación ⁽¹⁾ / *refusal of type-approval* ⁽¹⁾
- retirada de homologación ⁽¹⁾ / *withdrawal of type-approval* ⁽¹⁾

de un tipo de vehículo en relación con la Directiva 2002/24/CE modificada hasta la 2005/30/CE / *of a type of vehicle with regard to Directive 2002/24/EC as last amended by 2005/30/EC*

Informe nº B0705002 del servicio técnico IDIADA con fecha 23.05.2007
Report No. B0705002 by technical service IDIADA date 23.05.2007

Número de homologación / *Type-approval No.*: e9*2002/24*0193*00

Motivos de la extensión / *Reason for extension*: ----

0. GENERALIDADES

- 0.1. Marca(s) (razón social del fabricante) / *Make(s) (trade name of the manufacturer)*: HUAJUE, JEC, GOKA, JOCSports, GINOMOTO
- 0.2. Tipo / *Type*: HF
- 0.2.1. Denominación(es) comercial(es) / *Commercial name(s)*: ---
- 0.3. Medios de identificación del tipo, si están marcados en el vehículo / *Means of identification of type, if marked on the vehicle*: Marked in the fix part of VIN: L54HF
- 0.3.1. Emplazamiento de estas marcas / *Location of that marking*: Marked on the right-hand side of the frame and on the manufacturer's plate
- 0.4. Categoría ⁽²⁾ / *Category* ⁽²⁾: L7e
- 0.5. Nombre y dirección del fabricante del vehículo / *Name and address of the vehicle manufacturer*:
SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China



⁽¹⁾ Táchese lo que no proceda / *Delete where not applicable*

⁽²⁾ De conformidad con la clasificación establecida en el artículo 1 / *According to the classification introduced in Article 1*



e9*2002/24*0193*00

Certificado de homologación / *Type-approval certificate*

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- 0.5.1. Nombre y dirección de la(s) planta(s) de montaje / *Name(s) and address(es) of assembly plants:*
SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, Songjiang, Shanghai, China

El abajo firmante certifica que la descripción del fabricante que figura en la ficha adjunta del tipo de vehículo que se acaba de describir, del que el organismo expedidor de la homologación ha seleccionado una o varias unidades representativas, que ha(n) sido presentada(s) como prototipo de vehículo, es exacta y que los resultados de los ensayos adjuntos son aplicables al tipo de vehículo. / *The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle type described above, for which one of the several representative samples, selected by the component approval authorities, has (have) been submitted as prototype(s) of the vehicle type and that the attached test results are applicable to the vehicle type.*

El tipo de vehículo cumple/no cumple ⁽¹⁾ los requisitos técnicos de las correspondientes Directivas específicas, según su última modificación, que figuran en el cuadro del anexo I de la Directiva 2002/24/CE. / *The vehicle type meets/does not meet ⁽¹⁾ the technical requirements of all relevant separate Directives (as last amended) listed in the table of Annex I to Directive 2002/24/EC.*

Se concede/deniega/retira la homologación ⁽¹⁾ / *The approval is granted/refused/withdrawn ⁽¹⁾*

Lugar / *Place:* Madrid

Fecha / *Date:* 24.05.2007

Firma / *Signature:*

EL SUBDIRECTOR GENERAL DE CALIDAD Y
SEGURIDAD INDUSTRIAL
Resolución P.D. 28-06-2004



Fdo.: Antonio Muñoz Muñoz

Se adjuntan / *Attachments:* Ficha de características, partes 1 y 2 (anexo II) / *Information document, Parts 1 and 2 (Annex II)*

Resultados de los ensayos (anexo VII) / *Tests results (Annex VII)*

Nombre de las personas autorizadas a firmar los certificados de conformidad, muestras de sus firmas e indicación del cargo en la empresa. / *Name(s) and specimen(s) of the signature of the persons authorised to sign the certificates of conformity and a statement of their position in the company.*

Un modelo de certificado de conformidad / *A model of certificate of conformity*

⁽¹⁾ Táchese lo que no proceda / *Delete where not applicable*



**RESULTADOS DE ENSAYOS (ANEXO VII) /
TEST RESULTS (ANNEX VII)**

1. Resultado de los ensayos sobre nivel sonoro / Results of sound level tests

Número de la Directiva de base y de la última modificación de la Directiva aplicable a la homologación. En el caso de una Directiva con dos o más etapas de aplicación, indíquese también la fase de aplicación. / Number of the base Directive and latest amending Directive applicable to the approval. In the case of a Directive with two or more implementation stages, indicate also the implementation stage:

Directiva 97/24/CE / Directive 97/24/EC

Variante/Versión / Variant/Version	:	65/0
En marcha / Moving dB(A)	:	72.8
Estacionario / Stationary noise dB(A)	:	88
al régimen de / at (min ⁻¹)	:	3000

**2. Resultados de los ensayos sobre emisiones de gases de escape /
Test results of exhaust emissions**

Número de la Directiva de base y de la última modificación de la Directiva aplicable a la homologación. En el caso de una Directiva con dos o más etapas de aplicación, indíquese también la fase de aplicación. / Number of the base Directive and latest amending Directive applicable to the approval. In the case of a Directive with two or more implementation stages, indicate also the implementation stage:

Directiva 97/24/CE (EURO 2) / Directive 97/24/EC (EURO 2)

Variante/Versión / Variant/Version	:	65/0
------------------------------------	---	------

2.1	Tipo I / Type I	:	65/0
	CO (g/km)	:	2.93
	HC (g/km) ⁽²⁾	:	0.12
	NOx (g/km) ⁽²⁾	:	0.19
	HC + NOx (g/km) ⁽¹⁾	:	---

2.2	Tipo II / Type II	:	---
	CO (g/min) ⁽¹⁾	:	---
	HIC (g/min) ⁽¹⁾	:	---
	CO (% vol) al ralentí normal / CO (% vol) at normal idle speed ⁽²⁾	:	0.238
	Especifíquese el ralentí / Specify the idle speed ^{(2) (3)}	:	900
	CO (% vol) al ralentí alto / CO (% vol) at high idle speed ⁽²⁾	:	1.619
	Especifíquese el ralentí / Specify the idle speed ^{(2) (3)}	:	2100
	Temperatura del aceite del motor / Engine oil temperature ^{(3) (4)}	:	80

3. Motor de encendido por compresión / Compression ignition engine

Variante/ versión / Variant/ version	:	---
Valor corregido del coeficiente de absorción / Corrected values of absorption coefficient (m ⁻¹)	:	---



⁽¹⁾ Únicamente para ciclomotores y para cuatriciclos ligeros tal como se definen en la letra a) del apartado 3 del artículo 1 / Only for mopeds and for light quadricycles as defined in Article 1, paragraph 3(a)

⁽²⁾ Únicamente para motocicletas y vehículos de motor de tres ruedas y para cuatriciclos tal como se definen en la letra b) del apartado 3 del artículo 1. / Only for motorcycles and motor tricycles and for quadricycles as defined in Article 1, paragraph 3(b)

⁽³⁾ Indíquense los márgenes de tolerancia en la medición. / Mention the measurement tolerance

⁽⁴⁾ Aplicable sólo a motores de cuatro tiempos. / Applicable for four-stroke engines only

INFORME N° / REPORT No. B0705002**DIRECTIVA 2002/24/CE MODIFICADA HASTA LA 2005/30/CE RELATIVA A LA HOMOLOGACIÓN DE
TIPO EUROPEO DE LOS VEHÍCULOS DE MOTOR DE DOS O TRES RUEDAS*****DIRECTIVE 2002/24/EC AS LAST AMENDED BY 2005/30/EC RELATING TO THE EUROPEAN TYPE-
APPROVAL OF TWO OR THREE-WHEELED MOTOR VEHICLES***

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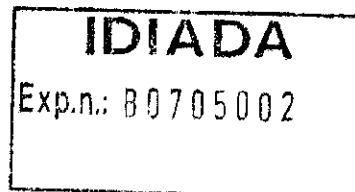
Fabricante / *Manufacturer* : SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, Songjiang,
Shanghai, China

Marca del vehículo / *Trade mark* : HUAJUE, JFC, GOKA, JOCSPORTS, GINOMOTO

Tipo / *Type* : HF

Categoría / *Category* : L7e

Lugar y fecha de emisión
del informe / *Place and date* : L'Albornar, Santa Oliva (Tarragona)
23.05.2007



CONCLUSIONES / CONCLUSIONS: El vehículo presentado, cuyas características técnicas se detallan en la ficha de características n° HF-001, facilitada por el constructor, anexa a este informe, SE AJUSTA a las prescripciones relativas a la Homologación de Tipo CE de los vehículos de motor de dos o tres ruedas en aplicación de la Directiva 2002/24/CE modificada hasta la 2005/30/CE, según se detalla en los informes parciales adjuntados a este informe / *The vehicle submitted for test, whose technical characteristics are listed in detail in information document No. HF-001, supplied by the manufacturer, attached to this report, COMPLIES with the specifications related to the EC Type-Approval of two or three-wheeled motor vehicles according to Directive 2002/24/EC as last amended by 2005/30/EC, as detailed in the separate reports annexed to this report.*

Realizado / *Performed by* :J. Carbó Picas, Ing.Téc.Ind.
INGENIERO DE ENSAYOS / *TEST ENGINEER*Vº. Bº. / *Revised by* :**INSTITUTO DE INVESTIGACIÓN
APLICADA DEL AUTOMÓVIL
FECHA SALIDA**

23.05.2007

Carlos A. Pérez García, Ing.Ind.
JEFE DE HOMOLOGACIONES, OFICINAS EXTERNAS
HOMOLOGATION-MANAGER EXTERNAL OFFICES

ANEXO AL INFORME / ANNEX TO THE REPORT

IDENTIFICACIÓN DEL VEHÍCULO /
IDENTIFICATION OF THE VEHICLE

Marca de fábrica / Trade mark : HUAJUE, JFC, GOKA, JOCSPORTS, GINOMOTO

Tipo / Type : HF

Variantes y versiones /
Variants and versions : 65 / 0

Categoría / Category : L7e

LISTADO EXHAUSTIVO DE PIEZAS Y CARACTERÍSTICAS DEL VEHÍCULO /
EXHAUSTIVE LIST OF VEHICLE COMPONENTS AND CHARACTERISTICS

Las piezas y características del vehículo recogidas en los puntos que se exponen a continuación, de acuerdo con el listado exhaustivo del Anexo I de la Directiva 2002/24/CE, van acompañadas de la referencia "CONF" si se ha comprobado su conformidad con los datos facilitados por el constructor, de la referencia "DE" si se ha comprobado su conformidad con las disposiciones adoptadas a nivel comunitario o de la referencia "NA" si no es aplicable al tipo de vehículo presentado / *The vehicle components and characteristics on the exhaustive list below, according to the Annex I to the 2002/24/EC Directive, are followed by "CONF" if their conformity with the manufacturer's data has to be checked, by "SD" if their conformity with requirements laid down at Community level has to be checked or by "NA" if it is not applicable to the submitted vehicle.*

1. Marca /
MakeCONF
HUAJUE, JFC, GOKA, JOCSPORTS, GINOMOTO
2. Tipo/Variantes/Versiones /
Type/Variants/VersionsCONF
HF / 65 / 0
3. Nombre y dirección del constructor del vehículo /
Name and address of vehicle manufacturerCONF
SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
4. En su caso, nombre y dirección del representante del constructor del vehículo /
Name and address of vehicle manufacturer's authorized representative, if any N.A.

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA
THE RESULTS PRESENTED REFER ONLY TO THE TESTED SAMPLE

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN EL PERMISO EXPRESO DE IDIADA
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5. Categoría del vehículo /
Category of vehicle..... CONF
L7e
6. Número de ruedas y disposición en caso de vehículo de tres ruedas /
Number of wheels and their position in the case of a three-wheeled vehicle CONF
7. Esquema indicativo del cuadro /
Outline of drawing of frame CONF
8. Nombre y dirección del constructor del motor /
Name and address of engine manufacturer..... CONF
9. Marca y denominación del motor /
Make and description of engine CONF
10. Tipo de encendido del motor /
Type of engine ignition..... CONF
Encendido por explosión / spark ignition
11. Ciclo del motor /
Engine operating cycle..... CONF
12. Sistema de refrigeración del motor /
Type of engine cooling CONF
13. Tipo de engrase del motor /
Type of engine lubrication..... CONF
14. Número y disposición de los cilindros /
Number and configuration of cylinders..... CONF
15. Diámetro, carrera y cilindrada /
Bore, stroke and cylinder capacity..... CONF
16. Diagrama de distribución completo del motor /
Full diagram of the engine's induction system CONF
17. Relación de compresión volumétrica del motor /
Engine compression ratio..... CONF
18. Par máximo y potencia máxima neta del motor, si éste es: /
Maximum torque and maximum net power of engine, whether this is:
De explosión o de encendido por compresión /
Of the spark-ignition or compression-ignition system..... DE/SD
Ver apéndice / See appendix : 95/1/2/HF
Eléctrico / Electric..... N.A.

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19. Medidas contra la manipulación de los ciclomotores y motocicletas /
Anti-tampering measures for mopeds and motorcycles N.A.
20. Depósito de carburante /
Fuel tank DE/SD
Ver apéndice / See appendix : 97/24/6/I/HF and 97/24/6/II/HF
21. Batería(s) de propulsión /
Traction battery(ies) N.A.
22. Carburador o cualquier otro sistema de alimentación del motor (tipo y marca) /
Carburettor or other engine fuel supply system (type and make) CONF
23. Tensión nominal de alimentación (voltaje) /
Electrical system (nominal voltage) CONF
24. Generador (tipo y potencia máxima) /
Generator (type and maximum output) CONF
25. Velocidad máxima por construcción del vehículo /
Maximum design speed of the vehicle DE/SD
Ver apéndice / See appendix : 95/1/1/HF
26. Masas y dimensiones /
Masses and dimensions DE/SD
Ver apéndice / See appendix : 93/93/HF
27. Dispositivos de enganche /
Coupling devices N.A.
28. Medidas contra la contaminación atmosférica /
Anti-air pollution measures DE/SD
Ver apéndice / See appendix : 97/24/5/HF
29. Neumáticos /
Tyres DE/SD
Ver apéndice / See appendix : 97/24/1/HF (Instalación / Fitting)
30. Transmisión /
Transmission CONF
31. Sistema de frenado /
Braking system DE/SD
Ver apéndice / See appendix : 93/14/HF

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32. Instalación de dispositivos de alumbrado y de señalización luminosa /
Installation of lighting and light-signalling devices on the vehicle..... DE/SD
Ver apéndice / See appendix : 93/92/HF
33. Dispositivos de alumbrado y de señalización obligatorios o facultativos /
Lighting and light-signalling devices the mandatory or optional presence DE/SD
34. Aparatos productores de señales acústicas /
Audible warning device DE/SD
Ver apéndice / See appendix : 93/30/HF (Instalación / Installation)
35. Emplazamiento de la placa de matrícula /
Position of rear registration plate..... DE/SD
Ver apéndice / See appendix : 93/94/HF
36. Compatibilidad electromagnética /
Electromagnetic compatibility DE/SD
Ver apéndice / See appendix : 97/24/8/HF
37. Nivel sonoro y dispositivos de escape /
Sound level and exhaust system..... DE/SD
Ver apéndice / See appendix : 97/24/9/HF
38. Retrovisor(es) /
Rear-view mirror(s) DE/SD
Ver apéndice / See appendix : 97/24/4/HF (Instalación / Fitting)
39. Salientes exteriores /
External projections DE/SD
Ver apéndice / See appendix : 97/24/3/HF
40. Caballete (excepto para los vehículos que tengan como mínimo tres ruedas) /
Stand (except in the case of vehicles having three or more wheels)..... N.A.
41. Dispositivos contra la utilización no autorizada /
Devices to prevent unauthorized use of the vehicle DE/SD
Ver apéndice / See appendix : 93/33/HF
42. Cristales, limpiaparabrisas, lavaparabrisas y dispositivo de desempañado y desescarchado de ciclomotores de tres ruedas, de triciclos y de cuadríciclos provistos de carrocería /
Windows, windscreen wipers, windscreen washers, de-icing and de-misting devices for three-wheeled mopeds, motor tricycles and quadricycles with bodywork N.A.
43. Dispositivos de retención para pasajeros de vehículos de dos ruedas /
Passengers hand-hold for two-wheeled vehicles N.A.

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44. Anclajes de los cinturones de seguridad y cinturones de seguridad para ciclomotores de tres ruedas, de triciclos y de cuadríciclos provistos de carrocería /
Anchorage points for safety belts and safety belts for three-wheeled mopeds, motor tricycles and quadricycles with bodywork..... DE/SD
 Ver apéndice / See appendix : 97/24/11/I/HF and 97/24/11/VI/HF

45. Velocímetro /
Speedometer DE/SD
 Ver apéndice / See appendix : 2000/7/HF

46. Identificación de los mandos, luces testigo e indicadores /
Identification of controls, tell-tales and indicators..... DE/SD
 Ver apéndice / See appendix : 93/29/HF

47. Inscripciones reglamentarias /
Statutory inscriptions DE/SD
 Ver apéndice / See appendix : 93/34/HF

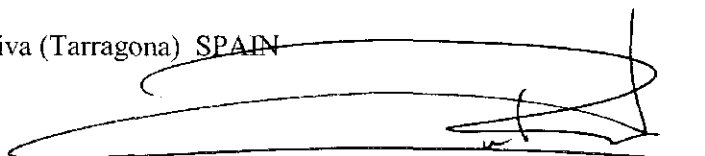
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LISTA DE APÉNDICES / LIST OF APPENDICES

DIRECTIVAS / DIRECTIVES	Nº Apéndice / Appendix No.	Nº de páginas / Nº of pages
93/14	93/14/HF	3
93/29*2000/74	93/29/HF	1
93/30	93/30/HF	1
93/33*1999/23	93/33/HF	1
93/34*1999/25	93/34/HF	1
93/92*2000/73	93/92/HF	2
93/93*2004/86	93/93/HF	1
93/94*1999/26	93/94/HF	1
95/1/I*2002/41	95/1/1/HF	1
95/1/II*2002/41	95/1/2/HF	8
97/24/1/III	97/24/1/HF	1
97/24/3	97/24/3/HF	4
97/24/4/III	97/24/4/HF	1
97/24/5/I*2003/77	97/24/5/HF	2
97/24/6/I	97/24/6/I/HF	1
97/24/6/II	97/24/6/II/HF	1
97/24/8	97/24/8/HF	2
97/24/9	97/24/9/HF	2
97/24/11/I	97/24/11/I/HF	3
97/24/11/VI	97/24/11/VI/HF	2
2000/7	2000/7/HF	1

Lugar / Place : L'Albarnar, Santa Oliva (Tarragona) SPAIN
Fecha / Date : 23.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA
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APÉNDICE / APPENDIX 93/14/HF
SISTEMA DE FRENADO / BRAKING SYSTEM
Directive 93/14/EC

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1. IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / *Manufacturer* : SHANGHAI GOKA SPORTS MOTOR CO., LTD.
 No.358, Xiangting Road, Chedun Industrial area, SongJiang,
 Shanghai, China
 Marca / *Make* : GOKA
 Tipo / *Type* : HF
 Categoría / *Category* : L7e
 N° de bastidor /
Frame number : PROTOTYPE

2. RESULTADOS DE ENSAYO / TEST RESULTS

2.1 Ensayos del Tipo 0 / *Type-0 test*

2.1.1. Tipo 0 con freno combinado y seco / *Type-0 with combined and dry brake*

Vehículo en vacío / Unladen vehicle

	V (km/h)	d (m/s ²)	F (N)
Combinado / <i>Combined</i>	60	7.54	315

Vehículo en carga / Laden vehicle

	V (km/h)	d (m/s ²)	F (N)
Combinado / <i>Combined</i>	60	6.45	299

Report No. B0705002

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA
 THE RESULTS PRESENTED REFER ONLY TO THE TESTED SAMPLE

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2.1.2 Ensayo del freno de socorro / *Emergency brake test*
Vehículo en vacío / Unladen vehicle

	V (km/h)	d (m/s ²)	F (N)
Socorro / <i>Emergency</i>	60	6.25	183

Vehículo en carga / Laden vehicle

	V (km/h)	d (m/s ²)	F (N)
Socorro / <i>Emergency</i>	60	3.76	140

Observaciones / *Remarks*: El dispositivo de frenado de socorro es el freno de estacionamiento /
The emergency braking device is the parking brake

2.1.3 Tipo 0 con freno combinado / *Type-0 with combined*
Vehículo en vacío / Unladen vehicle

	V (km/h)	d (m/s ²)	F (N)
Combinado / <i>Combined</i>	24	5.39	234
Combinado / <i>Combined</i>	39	5.57	229
Combinado / <i>Combined</i>	62	6.35	221

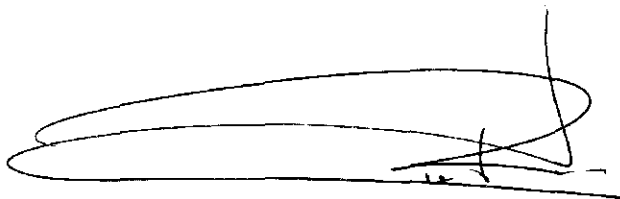
2.2 Tipo 1. Ensayo de pérdida de eficacia / *Type-1. Fade test*

- Ensayo freno combinado / *Combined brake test*

	V (km/h)	d (m/s ²)	F (N)
Referencia / <i>Reference</i>	60	6.59	280
Ensayo / <i>Test</i>	60	7.03	304

2.3 Ensayo de freno de estacionamiento / *Parking brake test*

Inmoviliza el vehículo cargado en una pendiente del 18% / *Holds the laden vehicle stationary on an 18% up or down gradient.*

Lugar / *Place* : Shanghai, ChinaFecha / *Date* : 11.05.2007

J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

APÉNDICE / APPENDIX 93/29/HF

**IDENTIFICACIÓN DE MANDOS, TESTIGOS E INDICADORES /
IDENTIFICATION OF CONTROLS, TELL-TALES AND INDICATORS**

Directive 93/29*2000/74/EC

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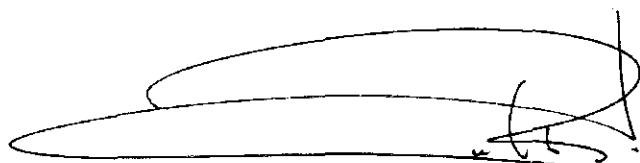
IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / <i>Manufacturer</i>	: SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / <i>Make</i>	: GOKA
Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

RESULTADOS DE ENSAYO / TEST RESULTS

Identificación de mandos / <i>Identification of controls</i>	CORRECT
Identificación de testigos / <i>Identification of tell-tales</i>	CORRECT
Identificación de indicadores / <i>Identification of indicators</i>	CORRECT

Lugar / *Place* : Shanghai, China
Fecha / *Date* : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

Report No. B0705002

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA
THE RESULTS PRESENTED REFER ONLY TO THE TESTED SAMPLE

* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN EL PERMISO EXPRESO DE IDIADA
THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN

APÉNDICE / APPENDIX 93/30/HF

INSTALACIÓN DEL AVISADOR ACÚSTICO / WARNING DEVICE FITTING
Directive 93/30/EC

Página / Page 1/1

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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No.358, Xiangting Road, Chedun Industrial area, SongJiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

Nº de bastidor / *Frame number* : PROTOTYPE

DATOS DEL AVISADOR ACÚSTICO / AUDIBLE WARNING DEVICE DATA

Marca de fábrica / *Trade mark* : KAIXIANDA

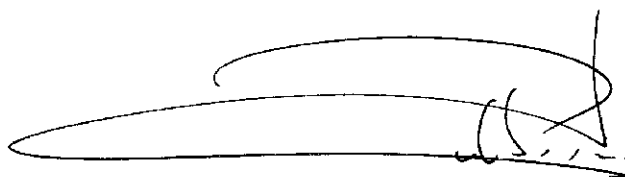
Tipo/Modelo / *Type/Model* : DL134

Contraseña de homologación /
Type-approval number : E4 000090

RESULTADOS DEL ENSAYO / TEST RESULTS

Nivel sonoro (dB(A)) / *Sound level (dB(A))* : 97.6 dB(A) CORRECT

Lugar / *Place* : Shanghai, China
Fecha / *Date* : 11.05.2007



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APÉNDICE / APPENDIX 93/33/HF

**DISPOSITIVO DE PROTECCIÓN CONTRA EL USO NO AUTORIZADO /
DEVICE TO PREVENT UNAUTHORIZED USE**

Directive 93/33*1999/23/EC

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IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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Marca / <i>Make</i>	: GOKA
Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE
Tipo de dispositivo / <i>Type of device</i>	: TIPO 1 / <i>TYPE-1</i>

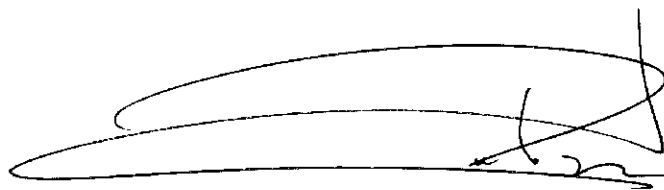
RESULTADOS DEL ENSAYO / TEST RESULTS

Prescripciones generales / *General prescriptions*CORRECT

Prescripciones particulares / *Specific requeriments*CORRECT

Lugar / *Place* : Shanghai, China

Fecha / *Date* : 11.05.2007



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APÉNDICE / APPENDIX 93/34/HF

INSCRIPCIONES REGLAMENTARIAS / STATUTORY MARKINGS

Directive 93/34*1999/25/EC

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IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

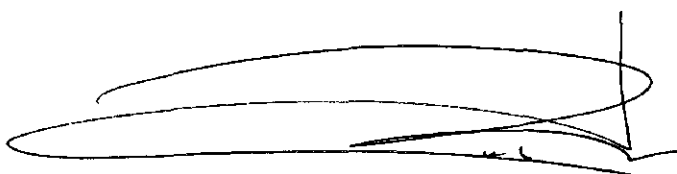
RESULTADOS DEL ENSAYO / TEST RESULTS

Placa del fabricante / *Manufacturer's data plate*CORRECT

Número de identificación del vehículo / *Vehicle identification number*CORRECT

Lugar / *Place* : Shanghai, China

Fecha / *Date* : 11.05.2007



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APÉNDICE / APPENDIX 93/92/HF

INSTALACIÓN DE DISPOSITIVOS DE ALUMBRADO / INSTALLATION OF LIGHTING

Directive 93/92*2000/73/EC

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IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

**LISTADO DE LOS DISPOSITIVOS DE ALUMBRADO Y SEÑALIZACIÓN LUMINOSA /
LIST OF LIGHTING AND LIGHT-SIGNALLING DEVICES**

Dispositivos de instalación obligatoria / Devices of mandatory installation

Luz de cruce / <i>Dipped-beam headlamp</i>	E4 57R-0110006
Luz de carretera / <i>Main-beam headlamp</i>	E4 57R-0110006
Luces indicadoras de dirección delantera / <i>Front Direction indicator lamps</i>	E4 50R-000549
Luces indicadoras de dirección trasera / <i>Rear Direction indicator lamps</i>	E4 50R-000549
Dispositivo de alumbrado de la placa posterior de matrícula / <i>Rear registration plate lamp</i>	E4 50R-000774
Luz de posición delantera / <i>Front position lamp</i>	E4 50R-0010006
Luz de posición trasera / <i>Rear position lamp</i>	E11 50R-000014
Catadióptrico trasero no triangular / <i>Non-triangular rear retro-reflector</i>	IA E4 03R-023256
Luz de freno / <i>Stop-lamp</i>	E11 50R-000014
Luces de emergencia / <i>Hazard warning signal</i>	Ver luces indicadoras de dirección / <i>See direction indicator lamps</i>

Report No. B0705002

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Dispositivos de instalación optativa / *Devices of optional installation*

Luz antiniebla delantera / *Front fog lamps*..... NOT FITTED

Luz antiniebla trasera / *Rear fog lamp*..... NOT FITTED

Luz de marcha atrás / *Reverse lamp*..... NOT FITTED

Catadióptricos laterales no triangulares / *Non-triangular lateral retro-reflectors*..... NOT FITTED

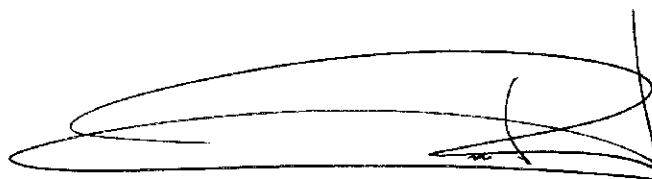
RESULTADOS DEL ENSAYO / *TEST RESULTS*

Disposiciones generales / *General specifications* CORRECT

Disposiciones particulares de instalación / *Specific fitting requirements*..... CORRECT

Lugar / *Place* : Shanghai, China

Fecha / *Date* : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

APÉNDICE / APPENDIX 93/93/HF**MASAS Y DIMENSIONES / MASSES AND DIMENSIONS****Directive 93/93*2004/86/EC**

Página / Page 1/1

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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No.358, Xiangting Road, Chedun Industrial area, SongJiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

Nº de bastidor / *Frame number* : PROTOTYPE

DIMENSIONES / DIMENSIONS

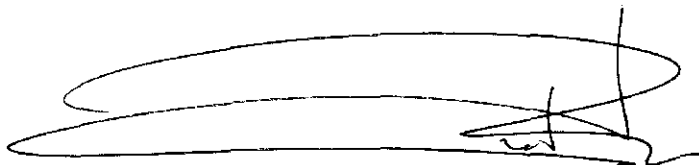
Longitud / *Length* = 2940 ≤ 4000 mm.....CORRECT

Anchura / *Width* = 1710 ≤ 2000 mm.....CORRECT

Altura / *Height* = 1610 ≤ 2500 mm.....CORRECT

MASAS / MASSESMasa máxima técnicamente admisible (PTMA) / *Maximum technically admissible mass* : 575 kgMasa en orden de marcha (POM) / *Mass in running order* : 405 kg

Carga útil declarada por el fabricante (PU) /
Maximum payload declared by the manufacturer : 575 -- 405 -- 75 = 95 kg

Lugar / *Place* : Shanghai, ChinaFecha / *Date* : 11.05.2007

J. Carbó Picas, Ing. Téc. Ind.
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APÉNDICE / APPENDIX 93/94/HF

**EMPLAZAMIENTO PLACA DE MATRÍCULA /
LOCATION OF REAR REGISTRATION PLATE
Directive 93/94*1999/26/EC**

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IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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Marca / <i>Make</i>	: GOKA
Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

DIMENSIONES / DIMENSIONS

Emplazamiento (anchura x altura) /
Space for mounting (width x height) 340 x 240 mmCORRECT

RESULTADOS DEL ENSAYO / TEST RESULTS

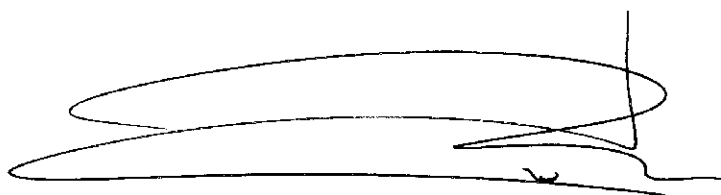
Posición general / *General location*.....CORRECT

Inclinación / *Inclination*CORRECT

Altura / *Height*.....CORRECT

Visibilidad geométrica / *Geometrical visibility*.....CORRECT

Lugar / *Place* : Shanghai, China
Fecha / *Date* : 11.05.2007



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APÉNDICE / APPENDIX 95/1/1/HF
VELOCIDAD MÁXIMA / MAXIMUM SPEED
Directive 95/1*2002/41/EC - Annex I

Página / Page 1/1

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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No.358, Xiangting Road, Chedun Industrial area, SongJiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

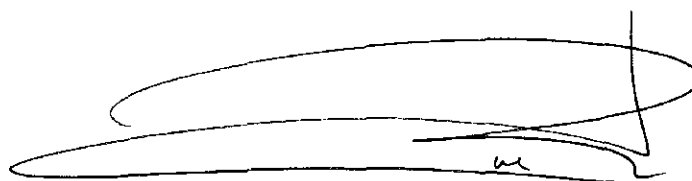
Nº de bastidor / *Frame number* : PROTOTYPE

RESULTADOS DEL ENSAYO / TEST RESULTS

Type 2 (single direction)

Sentido / <i>Direction</i>	V _{speed}	V _{med/aver}	% Dif.	V _{max}
W-E	76.5	78.3	0.4	78
E-W	80.0			
W-E	76.5	78.6	0.9	79
E-W	80.7			
W-E	76.8	79.3		
E-W	81.8			

Lugar / *Place* : Shanghai, China
Fecha / *Date* : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
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TEST ENGINEER

Report No. B0705002

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APÉNDICE / APPENDIX 95/1/2/HF

POTENCIA Y PAR MÁXIMO / MAXIMUM POWER AND TORQUE

Directive 95/1*2002/41/EC - Annex II

Página / Page 1/8

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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Marca / <i>Make</i>	: GOKA
Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

CONDICIONES DE LA PRUEBA / TEST CONDITIONS

Presiones medidas a la potencia máxima / Pressures measured at maximum net power

Barométrica / *Barometric pressure*: 99.8 kPa
 Presión del vapor de agua / *Steam pressure*: 1.85 kPa
 En el escape / *Exhaust (1)*: NOT APPLICABLE
 Depresión en la admisión / *Intake manifold vacuum (1)*: NOT APPLICABLE

Temperaturas medidas a la potencia máxima del motor / Temperatures measured at maximum engine power

- del aire de admisión / *of the intake air*: 298 K
- del líquido de refrigeración / *of the liquid cooling*
 - a la salida del líquido de refrigeración del motor /
at the engine cooling liquid outlet (2): 360 K
 - ~~- en el punto de referencia en el caso de refrigeración por aire /~~
~~- at the reference point in the case of air cooling (2)~~: NOT APPLICABLE
 - del aceite / *of the oil*: 377 K
- del combustible / *of the fuel*
 - ~~- a la entrada del carburador/de la bomba de inyección /~~
~~- at the carburettor/injection pump intake (2)~~: NOT APPLICABLE
 - en el dispositivo de medición del consumo de combustible /
in the fuel-consumption measuring device: 298 K
- del escape, medida en el punto contiguo a la brida del colector de escape /
of the exhaust, measured at the point adjacent to the outlet flange(s) of the exhaust manifold(s) (3): 1028 K

- (1) Medir cuando no se utilicen los sistemas originales de admisión / *To be measured when the original induction systems are not being used*
 (2) Táchese lo que no proceda / *Delete where inapplicable*
 (3) Indicar la posición / *Indicate the position*

Report No. B0705002

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Características del dinamómetro / *Characteristics of the dynamometer*

Marca / <i>Make</i>	: MEIDEN
Modelo / <i>Model</i>	: ZHONGCHENG
Tipo / <i>Type</i>	: Direct control electric dynamometer

Combustible / *Fuel*

Marca / <i>Make</i>	: CHINA-OIL
Especificación / <i>Specification</i>	: 90 OCT

Aditivo antidetonante / *Anti-knock additive*

Tipo / <i>Type</i>	: Lead
Contenido de mg/litro / <i>Content in mg/litre</i>	: <16 mg/litre

Índice de octano / *Octane number*

IOR / <i>RON</i>	: 90
IOM / <i>MON</i>	: ---
Peso específico / <i>Relative density</i>	: 728 kg/m ³ at 15 °C
Poder calorífico / <i>Calorific value</i>	: 43000~46000 kJ/kg

Lubricante / *Lubricant*

Marca / <i>Make</i>	: ChangChun First Automobile SiHuan GuangHui Lubricant Factory
Especificación / <i>Specification</i>	: ---
Viscosidad / <i>SAE viscosity grade</i>	: 15W40

RESULTADOS DEL ENSAYO / *TEST RESULTS*

Se ha realizado una curva de potencia ascendente de forma continua entre los regímenes de 1750 y 5500 min⁻¹ del motor / *One upward power curve has been carried out in a continuous sequence between 1750 and 5500 min⁻¹ rotational speed.*

Las tablas y las gráficas de los valores promedio se incluyen en este apéndice / *Tables and Graphs of the average values are included in this Appendix.*

VALUES OF MEASUREMENTS

Engine speed, min ⁻¹	1741	2009	2536	3069	3447	3763	4006	4229	4518	4742
Rotational speed of dynamometer brake, min ⁻¹	1741	2009	2536	3069	3447	3763	4006	4229	4518	4742
Dynamometer brake load, N	----	----	----	----	----	----	----	----	----	----
Torque measured at crankshaft, N·m	39,40	40,90	40,50	36,80	33,50	31,40	30,80	29,10	25,90	23,50
Power measured, kW	7,18	8,60	10,75	11,83	12,09	12,37	12,92	12,89	12,25	11,67
Test conditions	Barometric pressure, kPa									
	Temperature of ingested air, K									
Steam pressure, kPa	1,96	1,96	1,96	1,96	1,96	1,96	1,85	1,85	1,96	1,96
Atmospheric correction factor, a ₁	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01	1,01
Mechanical correction factor, a ₂	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04	1,04
Total correction factor (between 0,93 y 1,07)	1,06	1,06	1,06	1,06	1,06	1,05	1,05	1,05	1,06	1,06
Corrected torque at crankshaft, N·m	41,63	43,21	42,79	38,88	35,39	33,06	32,43	30,64	27,36	24,83
Corrected power, kW	7,59	9,09	11,36	12,49	12,78	13,03	13,60	13,57	12,95	12,33
Specific fuel consumption ⁽¹⁾ , g/kW·h	359	310	316	345	333	339	341	355	385	409
Engine cooling temperature, K ⁽²⁾	360	360	360	360	360	360	360	359	358	357
Oil temperature at measuring point, K	370	370	372	373	375	376	377	378	379	379
Exhaust temperature, K	952	980	989	1000	1010	1021	1028	1030	1036	1056
Air temperature downstream of supercharger, K	----	----	----	----	----	----	----	----	----	----
Pressure downstream of supercharger, kPa	----	----	----	----	----	----	----	----	----	----

⁽¹⁾ Without power correction due to the atmospheric factor.

⁽²⁾ State location of measuring point: the measure has been carried out (delete where inappropriate):

a) at the liquid coolant outlet,

b) at the spark-plug washer,

c) elsewhere, to be stated.

Engine speed, min ⁻¹	5050	5235	5513						
Rotational speed of dynamometer brake, min ⁻¹	5050	5235	5513						
Dynamometer brake load, N									
Torque measured at crankshaft, N·m	22,10	20,80	18,40						
Power measured, kW	11,69	11,40	10,62						
Test conditions	Barometric pressure, kPa		99,79	99,79	99,79				
	Temperature of ingested air, K		298	298	298				
Steam pressure, kPa	1,96	1,96	1,96						
Atmospheric correction factor, a ₁	1,01	1,01	1,01						
Mechanical correction factor, a ₂	1,04	1,04	1,04						
Total correction factor (between 0,93 y 1,07)	1,06	1,06	1,06						
Corrected torque at crankshaft, N·m	23,35	21,98	19,44						
Corrected power, kW	12,35	12,05	11,22						
Specific fuel consumption (\dot{V}), g/kW·h	416	439	461						
Engine cooling temperature, K (\bar{T})	355	354	344						
Oil temperature at measuring point, K	379	377	362						
Exhaust temperature, K	1075	1087	1097						
Air temperature downstream of supercharger, K	-----	-----	-----						
Pressure downstream of supercharger, kPa	-----	-----	-----						

¹) Without power correction due to the atmospheric factor.

c) ~~elsewhere, to be stated.~~

GOKA

TYPE OF VEHICLE: HF

Variant:65

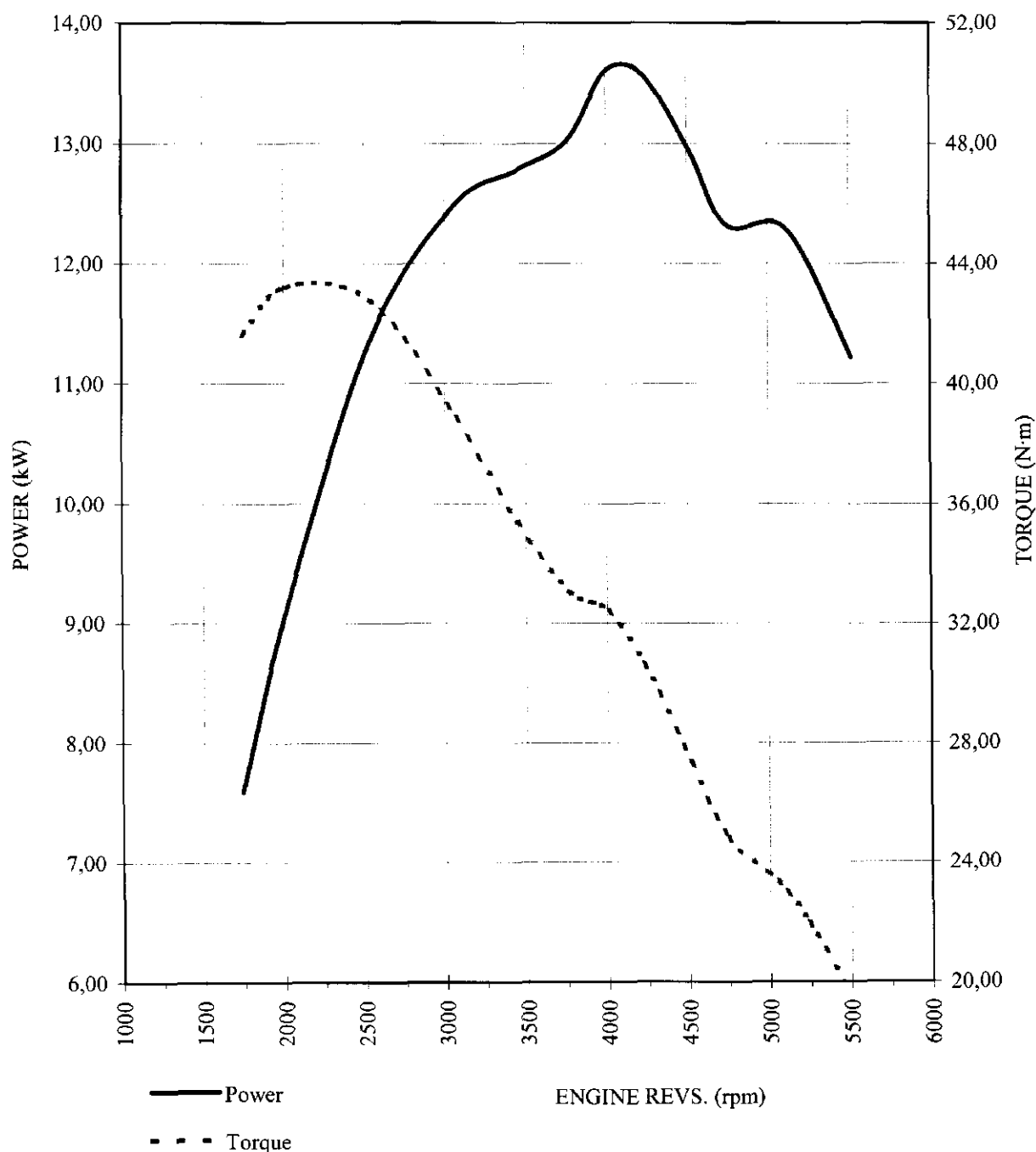
TYPE OF ENGINE: LJ276MT-2

CARBURETTOR: XIANGLI (CSH101E)

AVERAGE VALUES OF POWER, TORQUE AND SPECIFIC CONSUMPTION

Engine revs. (min ⁻¹)	Torque (N·m)	Power (kW)	Specific consumption (g/kW·h)
1741	41,63	7,59	359
2009	43,21	9,09	310
2536	42,79	11,36	316
3069	38,88	12,49	345
3447	35,39	12,78	333
3763	33,06	13,03	339
4006	32,43	13,60	341
4229	30,64	13,57	355
4518	27,36	12,95	385
4742	24,83	12,33	409
5050	23,35	12,35	416
5235	21,98	12,05	439
5513	19,44	11,22	461

POWER AND TORQUE GRAPHIC



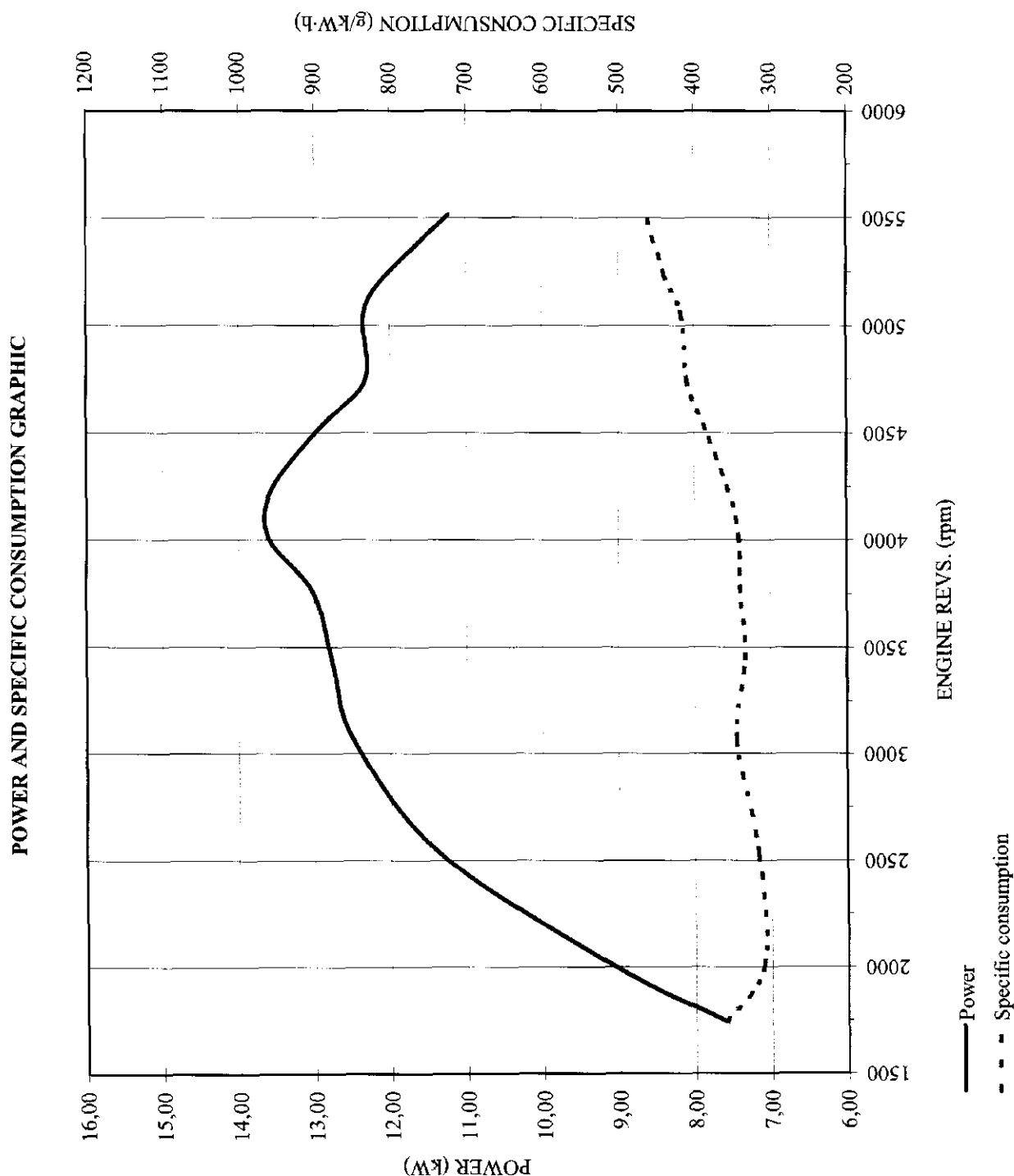
Report No. B0705002

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA

THE RESULTS PRESENTED REFER ONLY TO THE TESTED SAMPLE

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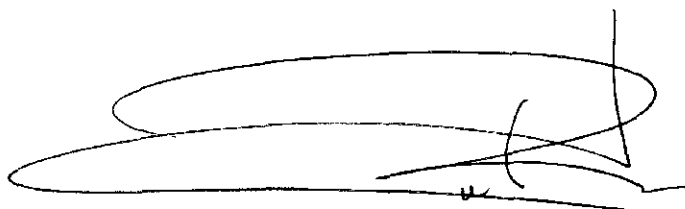


TOLERANCIA / TOLERANCE

El par máximo y la potencia máxima neta del motor ensayados difieren en menos de un 2% de los valores especificados por el fabricante / *The maximum torque and the maximum net power of the engine differ by less than a 2% of the values specified by the manufacturer.*

Lugar / Place : Shanghai, China

Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

APÉNDICE / APPENDIX 97/24/1/HF

INSTALACIÓN DE NEUMÁTICOS / FITTING OF TYRES

Directive 97/24/1/EC - Annex III

Página / Page 1/1

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / *Manufacturer* : SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, SongJiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

Nº de bastidor / *Frame number* : PROTOTYPE

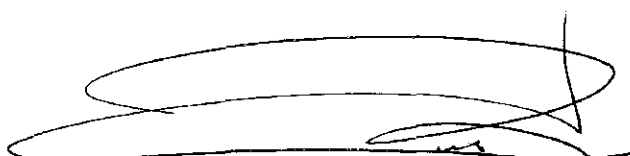
DATOS DE LOS NEUMÁTICOS / TYRE DATA

NEUMÁTICO / <i>TYRE</i>	1 ^{er} Eje / <i>1st Axle</i>	2º Eje / <i>2nd Axle</i>
Contraseña de homologación / <i>Type- approval mark</i>	E4 75R-0004934	E4 75R-0004935
Marca de fábrica o comercial y modelo / <i>Trade name or make and model</i>	XIAN YI	XIAN YI
Designación medida / <i>Tyre size designation</i>	25 x 8-12	25 x 10-12
Símbolo categoría velocidad / <i>Speed category symbol</i>	J	J
Índice capacidad de carga / <i>Load-capacity index</i>	42	47
Dimensión montaje neum. / llanta / <i>Cross section profile dimension/rim</i>	12 x 6	12 x 8

RESULTADOS DEL ENSAYO / TEST RESULTS

Requisitos generales de instalación /
General requirements of fitting CORRECT

Lugar / *Place* : Shanghai, China
Fecha / *Date* : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

Report No. B0705002

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA

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APÉNDICE / APPENDIX 97/24/3/HF

SALIENTES EXTERIORES / EXTERNAL PROJECTIONS

Directive 97/24/3/EC- Annex II

Página / Page 1/4

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / Manufacturer	:	SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / Make	:	GOKA
Tipo / Type	:	HF
Categoría / Category	:	L7e
Nº de bastidor / Frame number	:	PROTOTYPE

REQUISITOS GENERALES / GENERAL REQUIREMENTS

Superficie exterior del vehículo libre de piezas peligrosas /
The "external surface" of the vehicle has not any dangerous part CORRECT

REQUISITOS PARTICULARES / SPECIFIC REQUIREMENTS

Elementos decorativos / Ornamental motifs

Los elementos que sobresalen / The elements projecting by

- más de 100 mm: se apartan, desprenden o doblan al aplicar 10 daN /
more than 100 mm: retract, detach or fold back under a force of 10 daN NOT APPLICABLE
- más de 55 mm: ningún radio de curvatura (r_c) inferior a 2,5 mm /
more than 55 mm: any radius of curvature (r_c) of less than 2,5 mm NOT APPLICABLE
- menos de 55 mm: ángulos orientados hacia exterior redondeados /
less than 55 mm: spherical edges pointing to the outside NOT APPLICABLE

Faros / Headlamp

Los cercos no sobresalen más de 30 mm y siempre $r_c > 2,5$ mm /
Peaks do not project by more than 30 mm and always with $r_c > 2,5$ mm NOT APPLICABLE

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Faros ocultables / Pop-up headlamps:

- en posición de funcionamiento / *operating position*NOT APPLICABLE
- en posición oculta / *concealed position*NOT APPLICABLE

Rejillas e intervalos entre elementos / Grills

Las piezas han de tener r_c mínimos según d ($d \equiv$ dist. entre dos elementos consecutivos fijos o móviles) /
Grill components have minimum r_c in function of d ($d \equiv$ distance between consecutive components):

- $d > 40 \text{ mm} \Rightarrow r_c \geq 2.5 \text{ mm}$ NOT APPLICABLE
- $25 \text{ mm} < d < 40 \text{ mm} \Rightarrow r_c \geq 1 \text{ mm}$ NOT APPLICABLE
- $d < 25 \text{ mm} \Rightarrow r_c \geq 0.5 \text{ mm}$ CORRECT

Unión rejilla-carrocería redondeada / *Rounded grill-body joint* CORRECT

Limpiaparabrisas / Windscreen wipe system

El brazo de soporte de la escobilla recubierto con elemento protector /
The wiper-blade spindle is covered with a protectorNOT APPLICABLE

Superficie mínima del elemento protector $\geq 150 \text{ mm}^2$ /
Minimum area of the protector $\geq 150 \text{ mm}^2$ NOT APPLICABLE

Escobilla y elementos de soporte sin partes afiladas /
Windscreen wiper without sharp elementsNOT APPLICABLE

Parachoques / Bumpers

Extremos laterales parachoques delanteros
 doblados hacia la superficie exterior /
*The extremities of front bumpers are turned down
 towards the external surface of the bodyblock* CORRECT

Piezas orientadas hacia el exterior con $r_c \geq 5 \text{ mm}$ /
Rigid surfaces pointing to the outside have $r_c \geq 5 \text{ mm}$ NOT APPLICABLE

Empuñaduras, bisagras y pomos de las puertas, portamaletas y trampillas; bocas de llenado y tapones del depósito / Handles, hinges and push buttons for doors, bootlids and bonnets, access shutters and flaps and grab handles

No sobresalen más de / *Not protrude by more than:*

- empuñaduras de las puertas laterales / *handles of side doors:* 40 mm *NOT APPLICABLE*
- otros / *any other cases:* 30 mm..... *NOT APPLICABLE*

Empuñaduras de las puertas laterales de tipo giratorio /
The handles for the side doors are of the rotary typeNOT APPLICABLE

Tuercas de ruedas, tapacubos y embellecedores / Wheel nuts, hubcaps and protective devices

No tienen salientes en forma de aleta /
Not incorporate any projections in the form of fins..... CORRECT

Salientes de ruedas: no hay o no sobresalen más de 30 mm de la
 proyección vertical de la carrocería y con un r_c superficial ≥ 30 mm /
The protectors covering wheel nuts and hubs:
there are not or they have r_c of curvature ≥ 30 mm
and the projecting part in no case exceeds 30 mm CORRECT

Aristas de chapa / Sheet metal edges

Bordes redondeados con un $r_c \geq 2.5$ mm o recubiertas con
 elemento protector o material con una dureza inferior a 60 Shore A /
Spherical edges with $r_c \geq 2.5$ mm or covered with a protector or
with a material having a hardness of not more than 60 Shore (A) CORRECT

Paneles de la carrocería / Bodyblock panelling

Radio de curvatura de los pliegues de los paneles /
Radius of curvature of the panelling folds CORRECT

Deflectores laterales de aire y lluvia / Side air and rain deflectors

Aristas hacia el exterior con $r_e \geq 1 \text{ mm}$ /

Edges which point outwards have a r_e of at least 1 mmNOT APPLICABLE

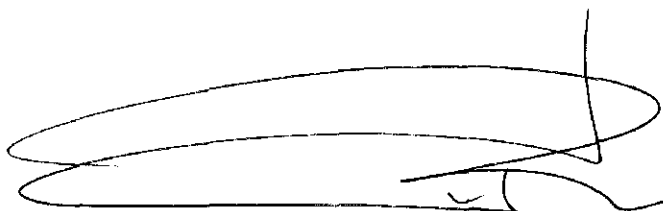
Puntos de apoyo para el gato / Jacking points

No sobresalen más de 10 mm respecto a la proyección vertical
de la línea de tierra que pasa directamente por encima de ellos /

Not protrude by more than 10 mm beyond the vertical projection of
the floor line which is directly above of themNOT APPLICABLE

Lugar / Place : Shanghai, China

Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Tec. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

APÉNDICE / APPENDIX 97/24/4/HF

INSTALACIÓN DE RETROVISORES / FITTING OF REAR-VIEW MIRRORS

Directive 97/24/4/EC - Annex III

Página / Page 1/1

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / *Manufacturer* : SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, SongJiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

Nº de bastidor / *Frame number* : PROTOTYPE

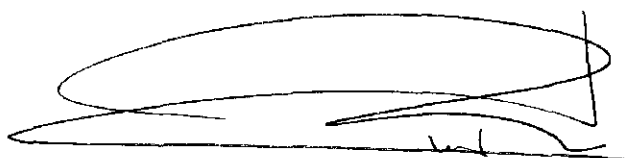
DATOS DE LOS RETROVISORES / REAR-VIEW MIRRORS DATA

	EXT. IZQUIERDO / LEFT-HAND EXT.	EXT. DERECHO / RIGHT-HAND EXT.
Marca de fábrica o comercial /Make or trade name	YONGHUI	YONGHUI
Tipo / Modelo Type / Model	CZ01	CZ01
Contraseña de homologación /Component type-approval	E3 001004	E3 001004
Clase / Class	L	L
Número / Number	1	1

RESULTADOS DEL ENSAYO / TEST RESULTS

Requisitos generales de instalación /
General requirements of fittingCORRECT

Lugar / *Place* : Shanghai, China
Fecha / *Date* : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

Report No. B0705002

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APÉNDICE / APPENDIX 97/24/5/HF
EMISIONES CONTAMINANTES / EMISSION OF POLLUTANTS
Directive 97/24/5/2003/77/EC

Página / Page 1/2

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / *Manufacturer* : SHANGHAI GOKA SPORTS MOTOR CO., LTD.
 No.358, Xiangting Road, Chedun Industrial area, SongJiang,
 Shanghai, China
 Marca / *Make* : GOKA
 Tipo / *Type* : HF
 Categoría / *Category* : L7e
 Nº de bastidor / *Frame number* : PROTOTYPE

RESULTADOS DEL ENSAYO / TEST RESULTS

Ensayo del Tipo I / Type I test :

Ensayo / <i>Test</i>	CO (g/km)	HC (g/km)	NO _x (g/km)
1º / 1 st	2.93	0.12	0.19
2º / 2 nd	---	---	---
3º / 3 rd	---	---	---
Media / <i>Average</i>	2.93	0.12	0.19
Límites / <i>Limits</i> (EURO 2)	7.0	1.5	0.4

Ensayo del Tipo II / Type II test :

Ralentí normal / Normal idle speed :

Régimen del motor / <i>Engine revs. (min⁻¹)</i>	Temp. aceite / <i>Oil temp. (°C)</i>	CO (%)	CO ₂ (%)	CO _{corr} (%)
900	80	0.138	8.550	0.238

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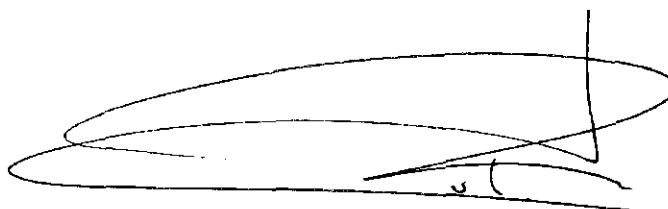
* EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS
 MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY

Ralentí alto / High idle speed :

Régimen del motor / Engine revs. (min ⁻¹)	Temp. aceite / Oil temp. (°C)	CO (%)	CO ₂ (%)	CO _{corr} (%)
2100	80	1.249	10.320	1.619

Lugar / Place : Shanghai, China

Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
 INGENIERO DE ENSAYOS
 TEST ENGINEER

APÉNDICE / APPENDIX 97/24/6/1/HF

DEPÓSITO DE CARBURANTE (FABRICACIÓN) / FUEL TANK (BUILD REQUIREMENTS)

Directive 97/24/6/EC – Annex I

Página / Page 1/1

IDENTIFICACIÓN DEL COMPONENTE / IDENTIFICATION OF THE COMPONENT

Fabricante / <i>Manufacturer</i>	:	SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / <i>Make</i>	:	GOKA
Tipo del vehículo / <i>Type of vehicle</i>	:	HF
Categoría / <i>Category</i>	:	L7e
Nº de bastidor / <i>Frame number</i>	:	PROTOTYPE
Tipo del componente / <i>Type of component</i>	:	DY-188

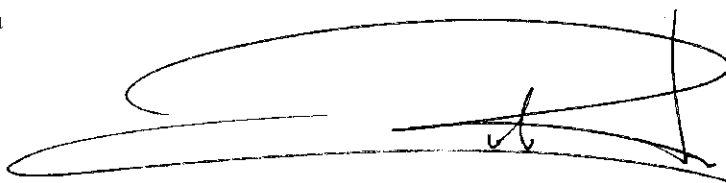
RESULTADOS DEL ENSAYO / TEST RESULTS

Requisitos generales de instalación / *General requirements of fitting*CORRECT

Requisitos generales de fabricación / *Generals build requirements*CORRECT

Lugar / *Place* : Shanghai, China

Fecha / *Date* : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

Report No. B0705002

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APÉNDICE / APPENDIX 97/24/6/II/HF

DEPÓSITO DE CARBURANTE (INSTALACIÓN) / FUEL TANK (FITTING REQUIREMENTS)

Directive 97/24/6/EC – Annex II

Página / Page 1/1

IDENTIFICACIÓN DEL COMPONENTE / IDENTIFICATION OF THE COMPONENT

Fabricante / <i>Manufacturer</i>	: SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / <i>Make</i>	: GOKA
Tipo del vehículo / <i>Type of vehicle</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE
Tipo del componente / <i>Type of component</i>	: DY-188

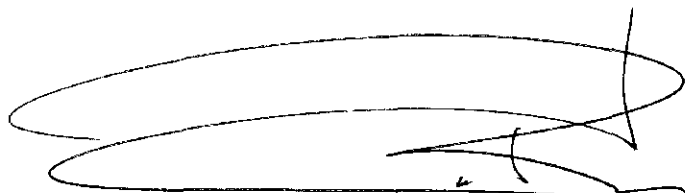
RESULTADOS DEL ENSAYO / TEST RESULTS

Sistema de sujeción del depósito / *Tank attachment system* CORRECT

Circuito de alimentación / *Fuel-supply system* CORRECT

Lugar / *Place* : Shanghai, China

Fecha / *Date* : 11.05.2007



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APÉNDICE / APPENDIX 97/24/8/HF

COMPATIBILIDAD ELECTROMAGNÉTICA / ELECTROMAGNETIC COMPATIBILITY

Directive 97/24/8/EC

Página / Page 1/2

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / <i>Manufacturer</i>	: SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / <i>Make</i>	: GOKA
Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

**DISPOSICIONES SOBRE LA RADIACIÓN DE BANDA ANCHA /
REQUIREMENTS RELATING TO WIDE-BAND RADIATION FROM VEHICLES**

Configuración del ensayo / Configuration of test:

De acuerdo a los requisitos prescritos en el Anexo II de la Directiva 97/24/CE – Cap. 8 /
According to requirements prescribed in Annex II of Directive 97/24/EC – Chap. 8

Resultados del ensayo / Test results

- Horizontal, lado derecho / *Horizontal, right-hand side* CORRECT
- Vertical, lado derecho / *Vertical, right-hand side* CORRECT
- Horizontal, lado izquierdo / *Horizontal, left-hand side* CORRECT
- Vertical, lado izquierdo / *Vertical, left-hand side* CORRECT

**DISPOSICIONES SOBRE LA RADIACIÓN DE BANDA ESTRECHA /
REQUIREMENTS RELATING TO NARROW-BAND RADIATION FROM VEHICLES**

De acuerdo con el punto 7.2 del Anexo I de la Directiva 97/24/CE – Cap. 8, no se realiza el ensayo de banda estrecha. / *According to point 7.2 of Annex I of Directive 97/24/EC – Chap. 8, the narrow-band test is not carried out.*

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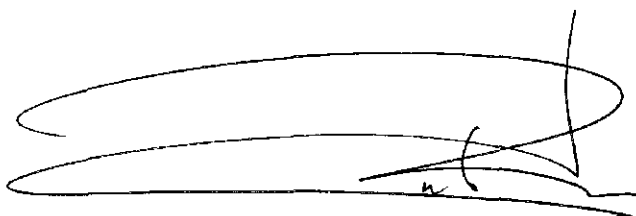
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INMUNIDAD A LA RADIACIÓN ELECTROMAGNÉTICA /
IMMUNITY TO ELECTROMAGNETIC RADIATION

El servicio técnico encargado de los ensayos de homologación ha comprobado que el vehículo esta equipado únicamente con dispositivos eléctricos o electrónicos cuyos posibles fallos no pueden alterar las funciones de seguridad inherentes al frenado, a la señalización luminosa y acústica ni al control directo del vehículo, y por eso, de acuerdo con la documentación facilitada por el fabricante del vehículo, dispensa al vehículo del ensayo de inmunidad mencionado en el punto 5.4 del capítulo 8 de la Directiva 97/24/CE, según establece el punto 4.2 de la Directiva anteriormente mencionada. / *The testing body responsible for the component type-approval tests has checked that the vehicle is fitted with electrical or electronic devices that, in the event of the failures of such devices, the safety functions as performed by the braking, light-signalling, audible warning and steering systems are in no way impaired, and for that, according to the technical information provided by the vehicle's manufacturer, exempts the vehicle from being submitted to the immunity test referred to in point 5.4 of Directive 97/24/EC – Chap. 8, as established at point 4.2 of the Directive before mentioned.*

Lugar / Place : Shanghai, China

Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
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TEST ENGINEER

APÉNDICE / APPENDIX 97/24/9/HF

NIVEL SONORO ADMISIBLE / PERMISSIBLE SOUND LEVEL

Directive 97/24/9/EC

Página / Page 1/2

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

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No.358, Xiangting Road, Chedun Industrial area, SongJiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

Nº de bastidor / *Frame number* : PROTOTYPE

RESULTADOS DEL ENSAYO / TEST RESULTS

Nivel sonoro del vehículo en marcha / Noise of the vehicle in motion (dB(A)) *

Medida / <i>Measurement</i>	Relación de cambio / <i>Gear ratio</i>	Velocidad de ensayo / <i>Test speed</i>	Revoluciones del motor / <i>Engine speed</i>	IZQUIERDA / <i>LEFT</i>	DERECHA / <i>RIGHT</i>
1	3 rd	50	---	73	72
2	3 rd	50	---	73	73
3	3 rd	50	---	74	72
MEDIA / <i>AVERAGE</i>				72.8 dB(A)	

(*) Los valores de la tabla corresponden a los valores medidos en el ensayo redondeados y aplicando las correcciones oportunas en función del nivel sonoro ambiente y la corrección por imprecisión en la medida / *Table values are the test values rounded, corrected in function of the readings of the sound-level meter and taken account of inaccuracies in the measurements.*

Valor de la media inferior o igual al valor límite de /
Test average is lower than the limit value of 80 dB(A)..... CORRECT

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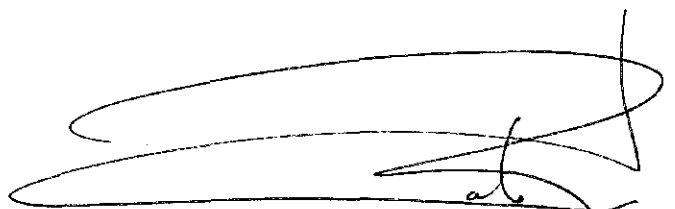
Nivel sonoro del vehículo parado / Noise from stationary vehicle

Medida / Measurement	Régimen del motor / Engine revs. (min ⁻¹)	Valor medido ⁽¹⁾ (dB(A)) Tested value	
		IZQ. / LEFT	DER. / RIGHT
1	3000	----	85
2	3000	----	86
3	3000	----	88
Valor de referencia / Reference value	88 dB(A)		

⁽¹⁾ Valor redondeado al decibelio más cercano / Values rounded off to the nearest decibel

Lugar / Place : Shanghai, China

Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

APÉNDICE / APPENDIX 97/24/11/1/HF

**RESISTENCIA DE LOS ANCLAJES DE CINTURONES /
STRENGTH OF THE SAFETY BELT ANCHORAGES**

Directive 97/24/11/EC

Página / Page 1/3

1. IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / <i>Manufacturer</i>	: SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / <i>Make</i>	: GOKA
Tipo / <i>Type</i>	: HF
Categoría / <i>Category</i>	: L7e
Nº de bastidor / <i>Frame number</i>	: PROTOTYPE

2. CONDICIONES DEL ENSAYO / TEST CONDITIONS

Ensayo sobre / <i>Test on</i>	: Bancada rígida / <i>Rigid bench</i>
Situación puertas / <i>Doors positioning</i>	: No aplicable / <i>Not applicable</i>
Situación ventanas / <i>Windows positioning</i>	: No aplicable / <i>Not applicable</i>
Colocación asiento / <i>Seat placing</i>	: Regulable (conductor), No regulable (pasajero) / <i>Adjustable (driver), Non adjustable (passenger)</i>
Ángulo de respaldo / <i>Backrest angle</i>	: 20°
Posicionamiento anclajes efectivos / <i>Effective anchorages positioning</i>	: Cumpliendo las prescripciones del apartado 4 de la Directiva 97/24/CE Cap. 11 Anexo I / <i>Complying with the provisions of paragraph 4 of Directive 97/24/EC Chap. 11 Annex I</i>

3. FIJACIÓN DEL COMPONENTE / COMPONENT FIXING

Fijación sobre bancada rígida / *Fixed on rigid bench*

Report No. B0705002

* LOS RESULTADOS PRESENTADOS SE REFIEREN EXCLUSIVAMENTE A LA MUESTRA ENSAYADA
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4. PRESCRIPCIONES GENERALES DEL ENSAYO / GENERAL PROVISIONS OF THE TEST

Ángulo de las fuerzas de tracción respecto a la horizontal: $10^{\circ} \pm 5^{\circ}$, cumpliendo las prescripciones del apartado 6.3.2 de la directiva 97/24/CE Cap. 11 Anexo I

Tiempo de accionamiento de las cargas límite sobre anclajes: $t > 0,2 \text{ s}$

Angle of traction forces with regard to the horizontal line: $10^{\circ} \pm 5^{\circ}$, complying with the provisions of paragraph 6.3.2 of Directive 97/24/EC Chap. 11 Annex I

Time of action of limit forces on anchorages: $t > 0,2 \text{ s}$

5. ENSAYOS REALIZADOS / PERFORMED TESTS

Elementos sometidos a ensayo / Devices submitted for test:

Anclajes de cinturón / Safety belt anchorages

Ensayos a realizar / Test to carry out:

Los descritos en el apartado 6.4.5.1 y 6.4.5.2 de la Directiva 97/24/CE Cap. 11 Anexo I / Described in paragraph 6.4.5.1 and 6.4.5.2 of Directive 97/24/EC Chap. 11 Annex I

5.1. Ensayo de anclajes de cinturones de tipo especial / Test of special type seat belts anchorages:

- Asiento izquierdo primera fila (Conductor) / First row, left side seat (Driver)

	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)
Entre anclajes superiores / Between upper anchorages	675 ± 20	675
Entre anclajes inferiores / Between lower anchorages	675 ± 20	677

Observaciones / Remarks: Cargas para cuatriciclos / Loads for quadricycles

- Asiento derecho primera fila (Pasajero) / First row, right side seat (Passenger)

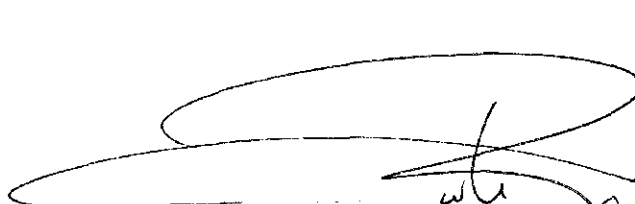
	Carga Mínima / Minimum load (daN)	Carga Alcanzada / Attained load (daN)
Entre anclajes superiores / Between upper anchorages	675 ± 20	675
Entre anclajes inferiores / Between lower anchorages	675 ± 20	676

Observaciones / Remarks: Cargas para cuatriciclos / Loads for quadricycles

6. COMPROBACIONES DESPUÉS DE LOS ENSAYOS / CHECKINGS AFTER TEST

Las deformaciones o roturas parciales apreciadas en el ensayo cumplen con el apartado 5.1 de la Directiva 97/24/CE Cap. 11 Anexo I. / *Deformations or partial breakages observed in test comply with paragraph 5.1 of Directive 97/24/EC Chap. 11 Annex I.*

Lugar / Place : Shanghai, China
Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
INGENIERO DE ENSAYOS
TEST ENGINEER

APÉNDICE / APPENDIX 97/24/11/VI/HF

INSTALACIÓN DE LOS CINTURONES DE SEGURIDAD / FITTING OF SAFETY-BELTS

Directive 97/24/11/VI/EC

Página / Page 1/2

IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / *Manufacturer* : SHANGHAI GOKA SPORTS MOTOR CO., LTD.
No.358, Xiangting Road, Chedun Industrial area, Songjiang,
Shanghai, China

Marca / *Make* : GOKA

Tipo / *Type* : HF

Categoría / *Category* : L7e

Nº de bastidor / *Frame number* : PROTOTYPE

EQUIPAMIENTO DE LOS VEHÍCULOS / VEHICLE EQUIPMENT

FILA ASIENTO / <i>LINE OF SEAT</i>	ASIENTO / <i>SEAT</i>	CONTRASEÑA / <i>TYPE-APPROVAL MARK</i>	SÍMBOLO ADICIONAL / <i>ADDITIONAL SYMBOL</i>
Delantera / <i>Front</i>	Lateral conductor / <i>Outboard driver</i>	E4 040053	S
	Lateral pasajero / <i>Outboard passenger</i>	E4 040053	S
	Central / <i>Central</i>	----	----
Trasera / <i>Rear</i>	Todos / <i>All</i>	----	----

Marcaje de los cinturones / *Component type-approval marks* CORRECT

En los cinturones provistos con retractores, al menos
un retractor actúa sobre la correa diagonal /

*On three points belts fitted with retractors, one retractor
operates at least on the diagonal strap*..... NOT APPLICABLE

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PRESCRIPCIONES GENERALES / GENERAL REQUIREMENTS

Configuración no peligrosa del cinturón /
The straps are not liable to assume a dangerous configuration..... CORRECT

Riesgo de deslizamiento del cinturón en condiciones normales /
Minimum risk of the strap slipping from the shoulder..... CORRECT

Deterioro de la correa / *Strap deteriorating through any contact CORRECT*

PRESCRIPCIONES ESPECIALES / SPECIAL REQUIREMENTS

Las partes rígidas no pueden provocar heridas en caso de accidente /
Rigid parts not increase the risk of bodily injury in the event of an accident..... CORRECT

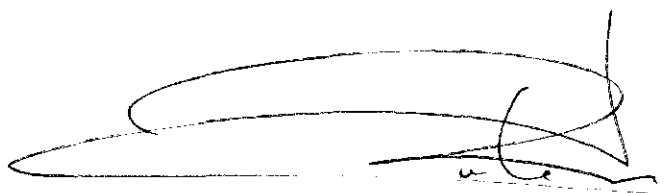
Dispositivo de desbloqueo visible, manejable y no se abre accidentalmente / *The device for releasing the buckle is clearly visible and cannot be opened inadvertently or accidentally..... CORRECT*

La hebilla se abrocha con un único movimiento, en una dirección y con una sola mano /
The buckle is released with a single movement of either hand in one direction..... NOT APPLICABLE

Ajuste automático del dispositivo o ajuste manual fácil /
The belt adjust automatically or is readily accessible to the wearer CORRECT

La correa se enrolla automáticamente /
The retractors operate correctly and stow the strap efficiently..... NOT APPLICABLE

Lugar / Place : Shanghai, China
 Fecha / Date : 11.05.2007



J. Carbó Picas, Ing. Téc. Ind.
 INGENIERO DE ENSAYOS
 TEST ENGINEER

APÉNDICE / APPENDIX 2000/7/HF

INSTALACIÓN DE UN VELOCÍMETRO / FITTING OF A SPEEDOMETER

Directive 2000/7/EC

Página / Page 1/1

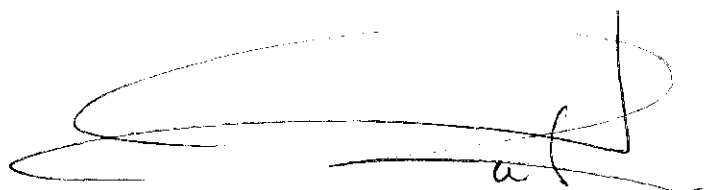
IDENTIFICACIÓN DEL VEHÍCULO / IDENTIFICATION OF THE VEHICLE

Fabricante / Manufacturer	: SHANGHAI GOKA SPORTS MOTOR CO., LTD. No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China
Marca / Make	: GOKA
Tipo / Type	: HF
Categoría / Category	: L7e
Nº de bastidor / Frame number	: PROTOTYPE

RESULTADOS DEL ENSAYO / TEST RESULTS

Especificaciones generales del velocímetro /
General requirements of the speedometerCORRECT

Lugar / Place : Shanghai, China
Fecha / Date : 11.05.2007

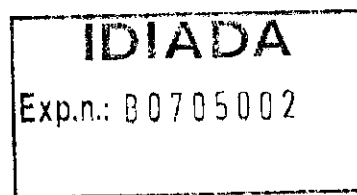

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Report No. B0705002

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DOCUMENTACIÓN APORTADA POR EL FABRICANTE
TECHNICAL DOCUMENTATION ATTACHED

Type: HF



Date : MAY. 2007
Ext. : 00
Page : 1/2

EUROPEAN TYPE-APPROVAL OF TWO OR THREE-WHEEL MOTOR VEHICLES

(Information Document No HF-001 - Refer to Annex 2 of Directive 2002/24/EC)

INDEX OF DOCUMENTATION

<i>Page</i>	<i>Concept</i>	<i>Date</i>
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3	ENGINE	MAY. 2007
4	ENGINE	MAY. 2007
5	ENGINE	MAY. 2007
6	ENGINE	MAY. 2007
7	ENGINE	MAY. 2007
8	ENGINE / TRANSMISSION	MAY. 2007
9	TRANSMISSION / SUSPENSION / STEERING	MAY. 2007
10	BRAKING	MAY. 2007
11	LIGHTING AND LIGHT-SIGNALLING DEVICES / EQUIPMENT	MAY. 2007
12	EQUIPMENT	MAY. 2007
13	ADDITIONAL EQUIPMENT	MAY. 2007
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15	ADDITIONAL EQUIPMENT	MAY. 2007

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Exp.n.: B0705002

INDEX OF DRAWING

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No.HF-01	3/4 FRONT AND REAR PHOTOGRAPHS 3/4	MAY. 2007
No.HF-02	WHOLE VEHICLE SYSTEM	MAY. 2007
No.HF-03	INSCRIPTION OF VIN	MAY. 2007
No.HF-04	FRAME SYSTEM	MAY. 2007
No.HF-05	CYLINDER HEAD	MAY. 2007
No.HF-06	CYLINDER BODY	MAY. 2007
No.HF-07	PISTON AND PISTON RING	MAY. 2007
No.HF-08	FUEL TANK ASSY	MAY. 2007
No.HF-09	LOCATION OF FUEL TANK	MAY. 2007
No.HF-10	CARBURETTOR	MAY. 2007
No.HF-11	INDUCTION MANIFOLD	MAY. 2007
No.HF-12	IGNITION ADVANCE CURVE	MAY. 2007

Type: HF



Date : MAY. 2007
Ext. : 00
Page : 2/2

EUROPEAN TYPE-APPROVAL OF TWO OR THREE-WHEEL MOTOR VEHICLES

(Information Document No HF-001 - Refer to Annex 2 of Directive 2002/24/EC)

<u>Drawing No</u>	<u>Concept</u>	<u>Date</u>
No.HF-13	ANTI-RADIO INTERFERENCE EQUIPMENT	MAY. 2007
No.HF-14	AIR FILTER	MAY. 2007
No.HF-15	MUFFLER	MAY. 2007
No.HF-16	TIMING DIAGRAM AND PORTS	MAY. 2007
No.HF-17	REAR POWER-TRANSMISSION SYSTEM	MAY. 2007
No.HF-18	ENGINE TRANSMISSION	MAY. 2007
No.HF-19	SPEEDOMETER	MAY. 2007
No.HF-20	FRONT SUSPENSION SYSTEM	MAY. 2007
No.HF-21	FRONT SHOCK ABSORBER	MAY. 2007
No.HF-22	REAR SUSPENSION SYSTEM	MAY. 2007
No.HF-23	REAR SHOCK ABSORBER	MAY. 2007
No.HF-24	FRONT BRAKE SYSTEM	MAY. 2007
No.HF-25	FOUR-CALLIPER BRAKE ASSY	MAY. 2007
No.HF-26	HYDRAULIC RESERVOIR(FRONT/REAR)	MAY. 2007
No.HF-27	BRAKE PEDAL(FRONT/REAR)	MAY. 2007
No.HF-28	MANUAL HAND BRAKE	MAY. 2007
No.HF-29	REAR BRAKE	MAY. 2007
No.HF-30	LOCATION OF LIGHTING	MAY. 2007
No.HF-31	CONTROLS, TELL-TALES AND INDICATORS	MAY. 2007
No.HF-32	REAR REGISTRATION PLATE	NOV.2006
No.HF-33	LOCATION OF REAR-VIEW MIRRORS	MAY. 2007
No.HF-34	AUDIBLE WARNING DEVICE	MAY. 2007
No.HF-35	LOCATION AND DIMENSIONS OF ANCHORAGE S	MAY. 2007
No.HF-36	THE PARTS OF THE STRUCTURE TO WHICH ANCHORAGES ARE ATTACHED	MAY. 2007
No.HF-37	POINT R	MAY. 2007

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A. INFORMATION RELATING JOINTLY TO MOPEDS, MOTORCYCLES, MOTOR TRICYCLES AND QUADRICYCLES

0. General

0.1. *Make:*

HUAJUE, JFC, GOKA, JOCSPORTS, GINOMOTO

0.2. *Type :*

HF

Variants/Versions : **65 / 0**

0.2.1. *Commercial name:* **N.A.**

0.3. *Means of type identification if stated on vehicle:*

4th and 5th digits of the VIN number

0.3.1. *Location of that means of identification:*

On the manufacturer's plate and on the frame See drawing No.HF-03

0.4. *Vehicle category :* **L7e (Quadricycle)**

0.5. *Name and address of manufacturer :*

SHANGHAI GOKA SPORTS MOTOR CO., LTD.

No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China

0.5.1. *Name(s) and address(es) of assembly plants:*

SHANGHAI GOKA SPORTS MOTOR CO., LTD.

No.358, Xiangting Road, Chedun Industrial area, SongJiang, Shanghai, China

0.6. *Name and address of manufacturer's authorized representative, if any:* **N.A**

0.7. *Location and method of affixing statutory inscriptions to the chassis:*

See drawing No.HF-03

0.7.1. *The serial numbering of the type begins with No. :* **L54HF65007??00001**

0.8. *Position and method of affixing the component type-approval mark for components and separate technical units :*

All the approved devices are marked with their homologation numbers and to erase them is not feasible.

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1. General arrangement of vehicles:

1.1. *Photos and/or drawings of a typical vehicle) :*

See drawing No.HF-01

1.2. *Dimensional drawing of the complete vehicle:*

See drawing No.HF-02 and No.HF-04

1.2.1. Wheelbase: **2230 mm**

1.3. *Number of axles and wheels (where appropriate, number of crawler tracks or belts):*

Number of axles : **2**

Number of wheels : **4**

1.4. *Position and arrangement of engine:*

Over the rear axle, transversely mounted.

1.5. *Number of seating positions:*

Side by side, 2 seats.

1.6. *Hand of drive – left or right*

Left hand drive

1.6.1. Vehicle is equipped to be driven in right-hand or left-hand rule of the road traffic

Vehicle equipped to be driven in the right side of the road.

2. Masses (in kg)

2.0. *Unladen mass:* **399**

2.1. *Mass of vehicle in running order:* **405**

2.1.1. Distribution of that mass between the axles :

Front axle : **135**

Rear axle : **270**

2.2. *Mass of vehicle in running order, together with rider:* **480**

2.2.1. Distribution of that mass between the axles:

Front axle : **170**

Rear axle : **310**

2.3. *Maximum technically permissible mass declared by the manufacturer :* **575**

2.3.1. Division of that mass between the axles:

Front axle : **233**

Rear axle : **342**



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2.3.2. Maximum technically permissible mass on each of the axles:

Front axle : **250**

Rear axle : **400**

2.4. *Maximum hill-starting ability at the maximum technically permissible mass declared by the manufacturer :*

More than 18 %

2.5. *Maximum towable mass (where applicable) : N.A.*

2.6. *Maximum mass of the combination: N.A.*

3. Engine

3.0. *Manufacturer :*

TAIXING LINGDI MACHINERY CO., LTD.

3.1. *Make :*

LJ

3.1.1. *Type (stated on the engine, or other means of identification) :*

LJ276MT-2

3.1.2. *Location of engine number (if applicable):*

Left side of engine (view from fan).

3.2. *Spark-~~or compression~~-ignition engine.*

3.2.1. **SPECIFIC CHARACTERISTICS OF THE ENGINE**

3.2.1.1. *Operating cycle (four/~~two~~-stroke, spark/~~compression~~ ignition)*

Four stroke, spark ignition

3.2.1.2. *Number, arrangement and firing order of cylinders:*

Two cylinders, inclined,one-two

3.2.1.2.1. *Bore: 76 mm*

3.2.1.2.2. *Stroke : 71 mm*

3.2.1.3. *Cylinder capacity: 644 cm³*

3.2.1.4. *Compression ratio: 8.4 : 1*

3.2.1.5. Drawings of cylinder head, piston(s), piston rings and cylinder(s)

Drawing of cylinder head : See drawing No.HF-05

Drawing of cylinder : See drawing No.HF -06

Drawing of piston and piston rings : See drawing No.HF -07

3.2.1.6. Idling speed: **900± 50 min⁻¹**

3.2.1.7. Maximum net power output: **13.7 kW / 4000 min⁻¹**

3.2.1.8. Net maximum torque: **43 N·m / 2000 min⁻¹**

3.2.2. FUEL : ~~diesel~~/petrol/mixture/LPG/other

3.2.3. FUEL TANK

3.2.3.1. Maximum capacity : **20 ± 0.25 litres**

3.2.3.2. Drawing of tank with indication of materials used :

See drawing No.HF-08

3.2.3.3. Diagram clearly indicating the position of the tank on the vehicle:

See drawing No.HF-09

3.2.3.4. Approval number of the fuel tank fitted:

N/A

3.2.4. FUEL SUPPLY

3.2.4.1. Via carburettor(s):

Yes

See drawing of carburettor

See drawing No.HF-10

3.2.4.1.1. Make(s):

Changsha Xiangli Electricity Manufacture Co.,Ltd.

3.2.4.1.2. Type(s) :

CSH101E

3.2.4.1.3. Number fitted:

1

3.2.4.1.4. Settings:

3.2.4.1.4.1. Diffusers : **Pilot jet : Ø0.40 mm. Main jet : Ø1±0.05 mm**

3.2.4.1.4.2. Level in float chamber :

12mm Lower than mixing chamber

3.2.4.1.4.3. Mass of float:

10g

3.2.4.1.4.4. Float needle :

min Ø1.3±0.05 mm, max Ø3.0±0.05 mm

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3.2.4.1.4.5. Fuel curve as a function of the air flow and settings required in order to maintain that curve :

See point 3.2.4.1.4.1

3.2.4.1.5. Cold-starting system: manual/automatic

3.2.4.1.5.1. Operating principle(s) :

Opening additional fuel supply by pulling the choke.

3.2.4.2. By fuel injection (solely in the case of compression ignition):
N/A

3.2.4.3. By fuel injection (solely in the case of spark-ignition) :
N/A

3.2.4.4 Fuel pump : **yes/no**

3.2.5. ELECTRICAL EQUIPMENT

3.2.5.1. Nominal voltage :

12V, positive/negative earth.

3.2.5.2. Generator

3.2.5.2.1. Type:

AC generator

3.2.5.2.2. Nominal power :

490W at 1150min⁻¹

3.2.6. IGNITION

3.2.6.1. Make(s):

See tabulation in 3.2.6.2

3.2.6.2. Type(s):

Component	Make	Type
CAP+WIRE	BREMI	13297/5
SPARK PLUG	BOSCH	SUPER
GENERATOR	XIANGFAN DONGFENG ELECTRICAL EQUIPMENT CO.,LTD	JF138
COIL	ZHEJIANG DONGYANG AUTOMOBILEELECTRICAL EQUIPMENT CO.,LTD.	DQ172G
IGNITION	CHONGQING SUNXIN ELECTROMICCO.,LTD	N1406

3.2.6.3. Operating principle :
Mechanical

3.2.6.4. Ignition advance curve or operating set point :
See drawing No.HF-13

3.2.6.5. Static timing :
6±2° CA before TDC.

3.2.6.6. Points gap :
0.7±0.1 mm

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- 3.2.6.7. Dwell angle :
10° ~18° (300 min⁻¹), 25° ~38° (1000 min⁻¹), 37.5° ~50° (1500 min⁻¹).
- 3.2.6.8. Anti-radio interference system:
- 3.2.6.8.1. Terminology and drawing of anti-radio interference equipment :
See drawing No.HF-12
- 3.2.6.8.2. Indication of the nominal DC resistance value and, in the case of resistive ignition leads, statement of nominal resistance per metre : :
Cap : 5 KΩ
Resistive spark plug.1 KΩ
Lead: 16±3.2 KΩ/M
- 3.2.7. COOLING SYSTEM
- 3.2.7.1. Nominal setting for the engine-temperature control device :
80°C
- 3.2.7.2. Liquid
- 3.2.7.2.1. Nature of liquid
Water
- 3.2.7.2.2. Circulating pump(s):
Yes
- 3.2.7.3. Air
- 3.2.7.3.1. Blower :
N/A
- 3.2.8. INDUCTION SYSTEM (AIR FILTER)
- 3.2.8.1. Supercharging:
N/A
- 3.2.8.2. Intercooler : with/without
N/A
- 3.2.8.3. Description and drawings of induction pipework and accessories (plenum chamber, heating device, additional air intakes, etc.)
See drawing No.HF-11
- 3.2.8.3.1. Description of induction manifold (with drawings and/or photos) :
See drawing No.HF-11
- 3.2.8.3.2. Air filter, drawings :
See drawing No.HF-14
- 3.2.8.3.2.1. Make(s) :
Zhuzhou Rigao Filter Co., Ltd.
- 3.2.8.3.2.2. Type(s) :
K1706B
- 3.2.8.3.3. Inlet silencer, drawings :
See drawing No.HF-14
- 3.2.8.3.3.1. Make(s) :
Zhangzhou Yingfeng Vehicle Tool Factory
- 3.2.8.3.3.2. Type(s):

IDIADA

Exp.n.: 80705002

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K1706B

3.2.9. EXHAUST SYSTEM

3.2.9.1. Drawing of complete exhaust system :

See drawing No.HF-15

3.2.10. MINIMUM CROSS-SECTION OF THE INLET AND EXHAUST PORTS :

Inlet: 615 cm² Exhaust: 283 cm²

3.2.11. INDUCTION SYSTEM OR EQUIVALENT DATA

3.2.11.1. Maximum, valve lift, opening and closing angles in relation to the dead centres, or data concerning the settings of other possible systems : :

Intake : 7.147 Exhaust : 7.241

3.2.11.2. Reference and/or setting ranges :

See drawing No.HF-15

3.2.12. Measures taken against air pollution

3.2.12.1. Device for recycling crankcase gases, solely in the case of four-stroke engines (description and drawings):

N/A

3.2.12.2. Additional anti-pollution devices (if any, and if not covered by another heading): Catalytic converter and second induction air system

3.2.12.2.1. Catalytic converter: **yes/no**3.2.12.2.1.1. Number of catalytic converters and elements: **2**

3.2.12.2.1.2. Dimensions, shape and volume of the catalytic converter(s):

See drawing No.HF-15

3.2.12.2.1.3. Type of catalytic action:

Three elements type

3.2.12.2.1.4. Total charge of precious metal:

The small one 30 g/ft³, The big one 30 g/ft³

3.2.12.2.1.5. Relative concentration:

The small one Rh 100% , The big one Pd/Pt/Rh= 5:5:13.2.12.2.1.6. Substrate (structure and material): **Ceramic substrate**

3.2.12.2.1.7. Cell density:

The small one 200 cpsi, The big one 100 cpsi

3.2.12.2.1.8. Type of casing for the catalytic converter(s):

Binding type

3.2.12.2.1.9. Location of the catalytic converter(s) (place and reference distance in the exhaust line):

See drawing No.HF-153.2.12.2.2. Oxygen sensor: **yes/no**3.2.12.2.3. Air injection: **yes/no**

3.2.12.2.3.1. Type (pulse air, air pump etc.):

N/A3.2.12.2.4. Exhaust gas recirculation: **yes/no**

3.2.12.2.4.1. Characteristics (flow rate etc.):

N/A

3.2.12.2.5. Other systems (description and operation):

N/A

3.2.13. Location of the coefficient of absorption symbol (compression-ignition engines only) :

N/A

3.3. Electric traction motor.

N/A

3.4. Other motors or combinations of motors (specific information concerning the parts of those motors) :

N/A

3.5. Cooling system temperatures permitted by the manufacturer

75°C -95°C

3.5.1. Liquid cooling

3.5.1.1. Maximum temperature at outlet:

87°C

3.5.2. Air cooling

3.5.2.1. Reference point:

N/A

3.5.2.2. Maximum temperature at reference point:

N/A

3.6. Lubrication system

3.6.1. DESCRIPTION OF SYSTEM

Oil pump

3.6.1.1. Location of oil reservoir (if any):

Crankcase

3.6.1.2. Feed system (~~pump/injection into induction system/mixed with the fuel, etc.~~)

3.6.2. LUBRICANT MIXED WITH THE FUEL

3.6.2.1. Percentage :

N/A

3.6.3. OIL COOLER:

N/A

3.6.3.1. Drawing(s):

N/A

4. Transmission

4.1. Diagram of transmission system :

See drawing No.HF-17.18

4.2. Type (mechanical, hydraulic, electrical, etc) : mechanical

4.3. Clutch (type) :

Dry diaphragm spring type

4.4. Gearbox

4.4.1. Type : automatic/manual

4 gears forward + reverse

4.4.2. Method of selection: by hand/foot

4.5. Gear ratios

N	R1	R2	R3	Rt
Minimum continuously variable transmission	----	----	----	----
1		4.0		20.800
2		2.8		14.560
3	1	2.1	5.20	10.920
4		1.333		6.932
Reverse gear	1	3.363		17.487
Maximum continuously variable transmission	----	----	----	----

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N = gear ratio

$R1$ = primary ratio (ratio of engine speed to rotational speed of primary gearbox shaft)

$R2$ = secondary ratio (ratio of rotational speed of primary shaft to rotational speed of secondary shaft in gearbox)

$R3$ = final driveratio (ratio of rotational speed of gearbox output shaft to rotational speed of driven wheels)

Rt = overall ratio.

- 4.5.1. Brief description of the electrical and / or electronic components used in the transmission:

N/A

- 4.6. Maximum speed of vehicle and gear in which it is reached (in km/h) :
80Km/h in 4th gear

- 4.7. Speedometer :

- 4.7.1. Make(s):

Nan King Pingyuan Mobile Regulator Factory

- 4.7.2. Type(s) :

NJJPYB-01

- 4.7.3. Photographs and/or drawings of the complete system:

See drawing No.HF-19

- 4.7.4. Speed range displayed:

0 to 90km/h

- 4.7.5. Tolerance of the measuring mechanism of the speedometer:

0-+5 Km/h

- 4.7.6. Technical constant of the speedometer:

10Pulse/min at 1km/h

- 4.7.7. Method of operation and description of the drive mechanism:

Hall sensor

- 4.7.8. Overall transmission ratio of the drive mechanism

Wheel:detecting port13:15.6

5. Suspension

- 5.1. *Drawing of suspension arrangement :*

See drawing No.HF-20.21.22.23

- 5.1.1. Brief description of the electrical and/or electronic components used in the suspension: N/A

- 5.2. *Tyres (category, dimensions and maximum loading and rim (standard type:*

	Dimension	Max. loading index	Category	Rims
Front	25×8-12	42	J	12×6
Rear	25×10-12	47	J	12×8

- 5.2.1. Nominal rolling circumference:

Front tyre:

933 mm

Rear tyre:

936 mm

- 5.2.2. Tyre pressures recommended by the manufacturer :

Front tyre : **98 kPa**

Rear tyre : **98 kPa**

5.2.3. Tyre / wheel combinations:

See point 5.2

5.2.4. Minimum-speed category symbol compatible with the theoretical maximum design speed of the vehicle:

F

5.2.5. Minimum load-capacity index with the maximum load on each tyre:

Front Tyre: 33, Rear Tyre: 47

5.2.6. Categories of use compatible for the vehicle:

Normal6. Steering6.1. *Steering gear and control*

6.1.1. Type of gear :

Rack and pinion

6.1.2. Brief description of the electrical and / or electronic components used in the steering system:

N/A7. Braking7.1. *Diagram of braking devices :***See drawing No.HF-24.25.26.27.28.29**7.2. *Front and rear brakes, disc and/or drum***Front discs / Rear discs.**

7.2.1. Make(s) :

Front:

WENZHOU LIBANG ENTERPRISE CO.,LTD

Rear :

YUHUAN ZHUOYUE BRAKE CO.,LTD

7.2.2. Type(s) :

Front : disc (Ø190mm)**Rear : disc (Ø215mm)**7.3. *Drawing of parts of the brake system***See drawing No.HF-24.25.26.27.28**7.3.1. ~~Shoes and/or pads~~**Brake pads**7.3.2. ~~Linings and/or pads~~ (Indicate make, grade of material or identification mark):**Front: CD-F007****Rear: SOL022**

7.3.3. Brake levers and/or pedals

Combined brake :**Pedal****See drawing No.HF-27****Emergency/Parking brake:****Lever****See drawing No.HF-28**

7.3.4. Hydraulic reservoirs (where applicable) :

Yes**See drawing No.HF-26**

7.4. Other devices (where applicable): drawing and description

N/A

7.5. Brief description of the electrical and / or electronic components used in the braking system:

N/A**IDIADA**

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8. Lighting and light-signalling devices

8.1. List of all devices [mentioning the number, make(s), model, component type-approval mark(s), the maximum intensity of the main-beam headlamps, colour, the corresponding tell-tale) :

DEVICES	Number	MAKE	MODEL	COLOR	TELL-TALE	APPROVAL
MAIN-BEAM HEADLAMP	2	JUTE	JUTE0016A	white	YES,blue	E4 57R-0110006
DIPPED-BEAM HEADLAMP	2	JUTE	JUTE0016A	white	NO	E4 57R-0110006
FRONT POSITION LAMP	2	JUTE	JUTE0016A	white	NO	E4 50R-0010006
REAR POSITION LAMP	2	JUTE	JUTE9816	red	NO	E11 50R-000014
STOP LAMP	2	JUTE	JUTE9816	red	NO	E11 50R-000014
REAR REGISTRATION PLATE LAMP	1	SHIJIN	SJ-P01	WHITE	NO	E4-50R-000774
FRONT DIRECTION INDICATOR LAMPS	2	JUTE	JUTE 0106-W	amber	YES,Green	E4 50R-000549
REAR DIRECTION INDICATOR LAMPS	2	JUTE	JUTE 0106-W	amber	YES,Green	E4 50R-000549
REAR RETRO-REFLECTOR	2	SHIJIN	SJ-F01	red	NO	E4 023256

* Instrument panel illumination

8.2. Diagram showing the location of the lighting and light-signalling devices :

See drawing No.HF-30

8.3. Hazard warning lamps (where fitted) :

See drawing No.HF-31

8.4. Additional requirements relating to special vehicles :

N/A

8.5. Brief description of the electrical and / or electronic components used in the light-signalling system

N/A

9. Equipment

9.1. Coupling devices (where applicable)

N/A

9.2. Arrangement and identification of controls, tell-tales and indicators :

9.2.1. Photographs and/or drawings of the arrangement of the symbols, controls, tell-tales and indicators :

See drawing No.HF-31

9.3. Statutory inscriptions

9.3.1. Photographs and/or drawings showing the location of the statutory inscriptions and the chassis number :

See drawing No.HF-03



9.3.2. Photographs and/or drawings showing the official part of the inscriptions (with statement of dimensions) :

See drawing No.HF-03

9.3.3. Photographs and/or drawings of the chassis number (with statement of dimensions) :

See drawing No.HF-03

9.4. *Device(s) to protect against unauthorized use :*

9.4.1. Type of device(s) :

Type 1

9.4.2. Summary description of device(s) used :

Key-activated locking device in the steering column.

9.5. *Audible warning device(s)*

9.5.1. Summary description of device(s) used and their purpose :

Electro-magnetic horn,double-tone

9.5.2. Make(s) :

KAIXIANDA

9.5.3. Type(s) :

DL134

9.5.4. Type-approval mark:

E4 000090

9.5.5. Drawing(s) showing the location of the audible warning device(s) in relation to the structure of the vehicle :

See drawing No.HF-34

9.5.6. Details of the method of attachment, including the part of the vehicle structure to which the audible warning device(s) is (are) attached :

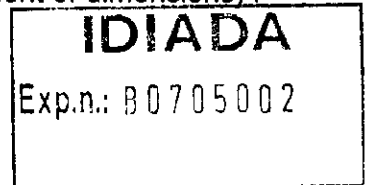
The horn is bolted to the front part of the vehicle.

9.6. *Location of rear registration plate (indicate variants where necessary; drawings may be used as appropriate) :*

See drawing No.HF-32

9.6.1. Inclination of plane in relation to the vertical :

12°



B. INFORMATION RELATING SOLELY TO TWO-WHEEL MOPEDS AND MOTORCYCLES
N/A

C. INFORMATION RELATING SOLELY TO THREE-WHEEL MOPEDS, MOTOR TRICYCLES AND QUADRICYCLES.

1. Dimensions and masses (in mm and kg) (where necessary, refer to drawings)

1.1. Dimensions to be complied with when building unbodied chassis

N/A

1.2. Masses

1.2.1 Maximum payload declared by manufacturer:

95 Kg

2. Equipment

2.1. Bodywork

2.1.1. Nature of bodywork:

Steel

2.1.2. General dimensional arrangement drawing of inside:

See drawing No.HF-04

2.1.3. General dimensional arrangement drawing of outside:

See drawing No.HF-02

2.1.4. Materials and methods of manufacture:

Steel tube welded and steel sheet.

2.1.5. Passenger doors, locks and hinges:

N/A

2.1.6. Configuration, dimensions, direction and maximum opening angle of doors:

N/A

2.1.7. Drawing of locks and hinges and their location in the doors:

N/A

2.1.8. Technical description of locks and hinges:

N/A

2.2. Windscreen and other glazing

N/A

2.3. Windscreen wiper(s)

N/A

2.4. Windscreen washer(s)

N/A

2.5. Defrosting and demisting

N/A

2.6. Rear-view mirror(s) (please give the following information for each rear-view mirror)

2.6.1. Make:

YONGHUI

2.6.2. Type-approval mark:

E3 001004

2.6.3. Variant:

N/A

2.6.4. Drawing(s) showing the location of the rear-view mirror(s) in relation to the structure of the vehicle:

See drawing No.HF-33

2.6.5. Detailed information on the method of attachment, including that part of the structure of the vehicle to which the rear-view mirror is attached:

Bolted to specific supports

2.7. Seats

2.7.1. Number:

2

2.7.2. Location:

Forward facing in a row

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2.7.3. Coordinates or drawing of the R point

2.7.3.1. Driving seat:

See drawing No.HF-37

2.7.3.2. Other seats:

See drawing No.HF-37

2.7.4. Intended seat-back inclination

2.7.4.1. Driving seat:

20°

2.7.4.2. Other seats:

Passenger:20 °

2.7.5. Seat adjustment range, where appropriate

2.7.5.1. Driving seat:

Can be moved front and rear:120mm

2.7.5.2. Other seats:

N/A2.8. *Passenger-compartment heating system (where applicable)***N/A**

2.8.1. Summary description of type of vehicle in respect of the heating system if this uses heat from the liquid engine coolant:

N/A

2.8.2. Detailed description of the type of the vehicle in respect of the heating system if this uses the cooling air or exhaust gases as a heat source, including:

N/A2.9. *Safety belts*

2.9.1. Number and location of safety belts, together with a reference to the seats where that type of equipment may be installed:

	D/P	Approval mark	Variant
Front seats	D	S E4 040053	----
	P	S E4 040053	----
Rear seats	----	----	----
Centre rear and	----	----	----
centre front seats	----	----	----
Special devices	----	----	----

2.10. *Anchorage*

2.10.1. Number and location of the anchorages:

2.10.2. Photographs and / or drawings of the bodywork showing the true, effective location and dimensions of the anchorages, together with an indication of the R-point position:

See drawing No.HF-35

2.10.3. Drawings of the anchorages and the parts of the structure of the vehicle to which they are attached (together with a statement of the nature of the materials used):

See drawing No.HF-36

2.10.4. Designation of the types of belts authorised for attachment to the anchorages on the vehicle:

Type: HF



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			Location of anchorage	
			structure of vehicle	structure of seat
Front Right-hand seat	lower anch	outside	S	---
	upper anch	inside	S	---
			S	---
Central seat	lower anch	Outside	---	---
	upper anch	inside	---	---
			---	---
Left-hand seat	lower anch	Outside	S	---
	upper anch	inside	S	---
			S	---
Rear Right-hand seat	lower anch	outside	---	---
	upper anch	inside	---	---
			---	---
Central seat	lower anch	Outside	---	---
	upper anch	inside	---	---
			---	---
Left-hand seat	lower anch	Outside	---	---
	upper anch	inside	---	---
			---	---

"A": for a three-point belt

"B": for a lap belt

"S": for special types of belt, in this case provide specific information of the nature of these types under observations

"Ar", "Br", "Sr": for a belt incorporating an inertia reel

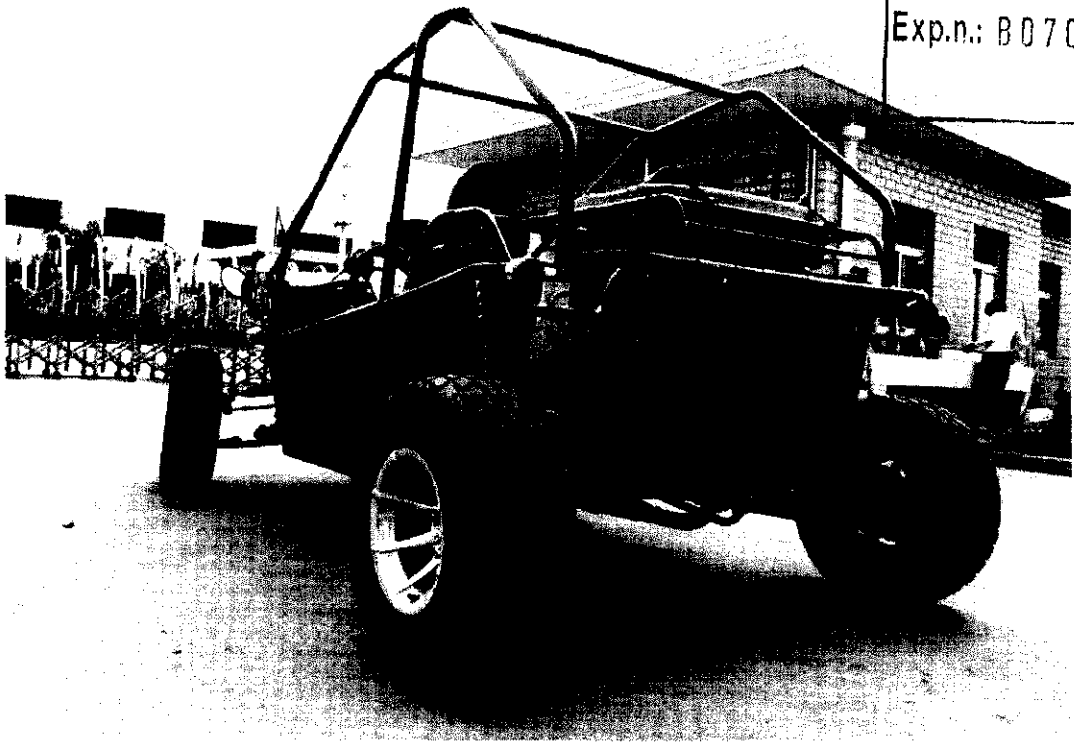
"Are", "Bre", "Sre": for a belt equipped with an inertia reel and an energy-absorption device of at least one anchorage

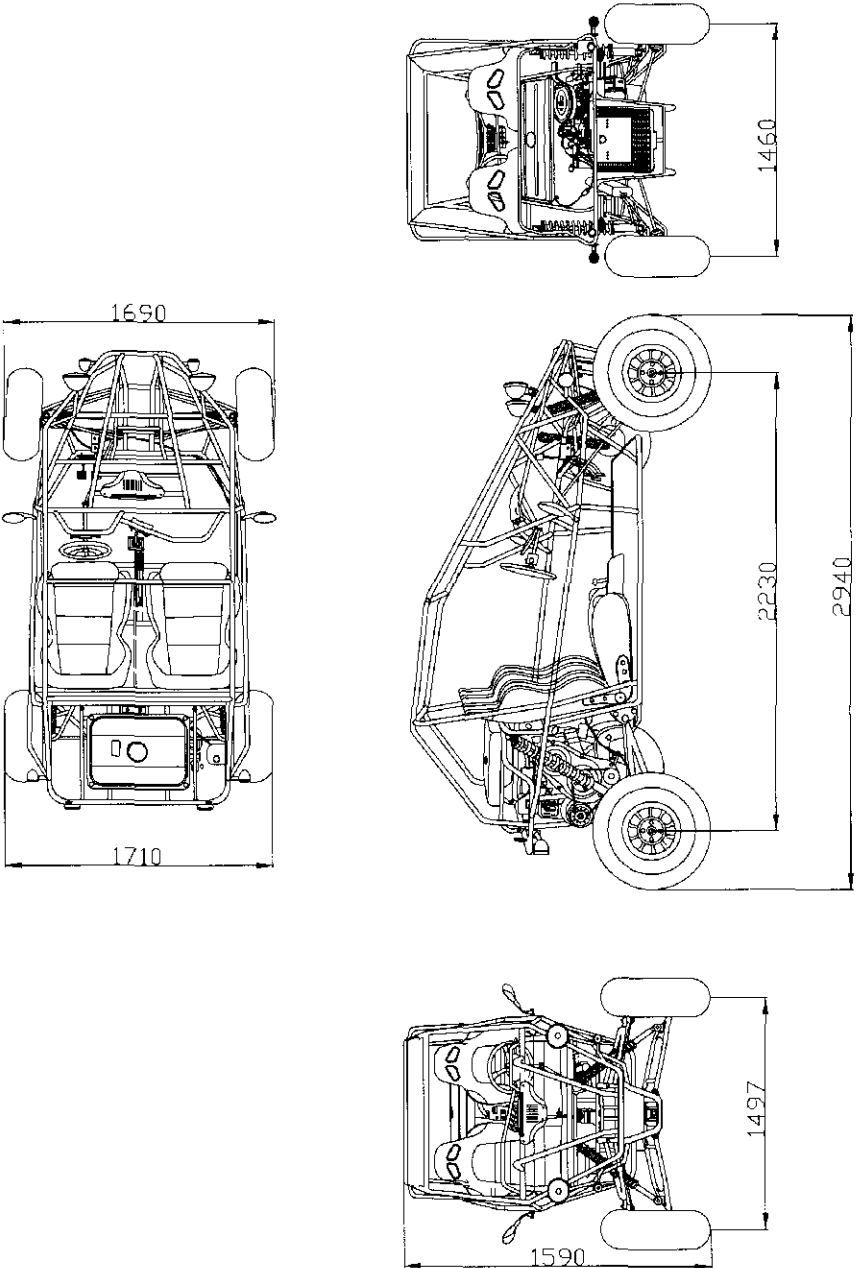
2.10.5. Description of a specific type of belt, one anchorage of which is attached to the seat back-rest or incorporates an energy-dissipation device:

N/A

TITLE: Typical Photo of Vehicle	Drawing NO: HF-01
	Vehicle Type: HF

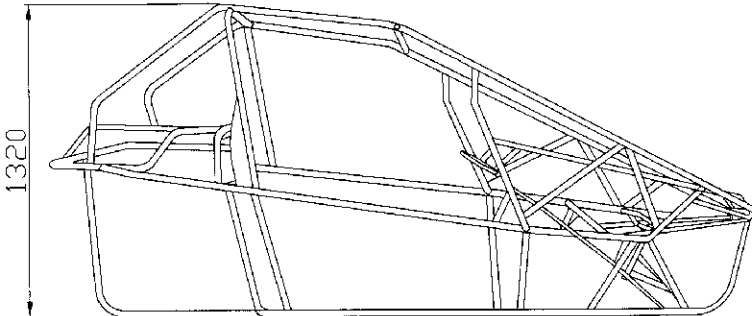
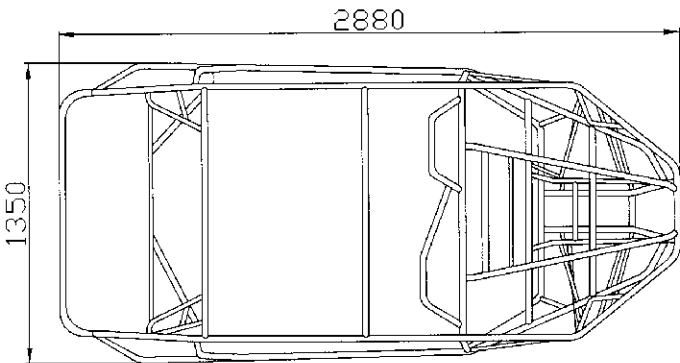
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Exp.n.: B0705002



TITLE:		Drawing NO: HF-02
Dimension measured on Vehicle		Vehicle Type: HF
<div>IDIADA</div> <div>Exp.n.: 80705002</div> <div><p>Technical drawing of a vehicle chassis showing four views: top, front, side, and rear. Dimensions are provided for each view.</p><ul style="list-style-type: none">Top view: 1690 (width), 1710 (depth)Front view: 1460 (height)Side view: 2230 (wheelbase), 2940 (overall length)Rear view: 1497 (height), 1590 (width)</div>		

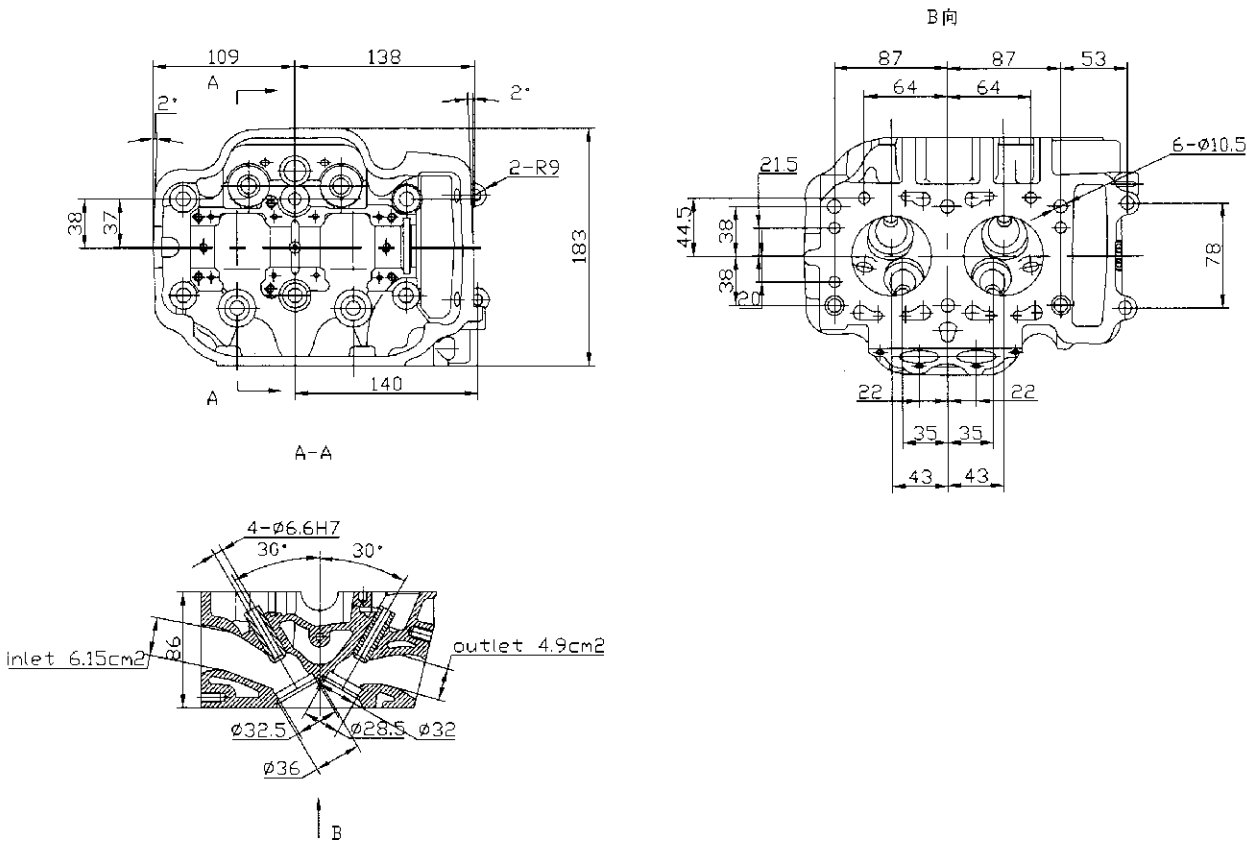
TITLE: Frame	Drawing NO: HF-04
	Vehicle Type: HF

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Exp.n.: B0705002



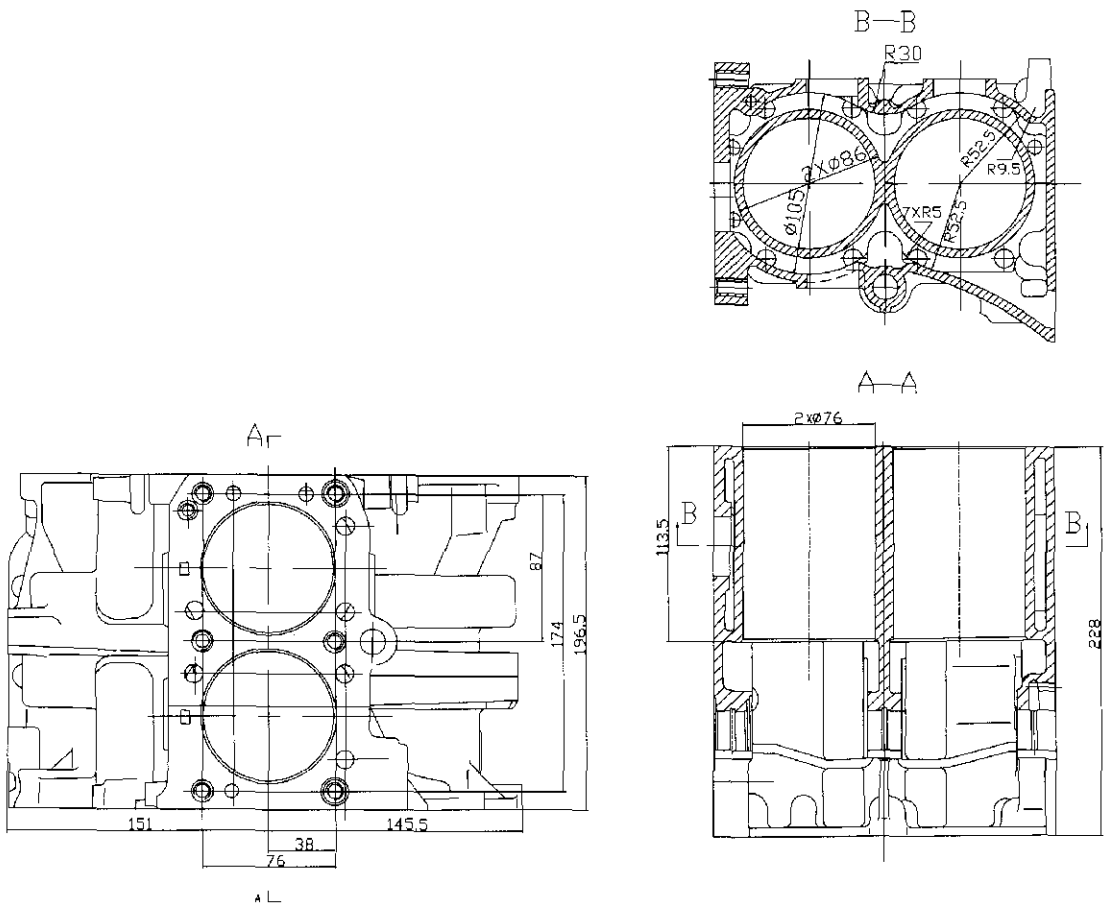
TITLE: Cylinder Head	Drawing NO: HF-05
	Vehicle Type: HF

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Exp.n.: B0705002



TITLE: Cylinder Body	Drawing NO: HF-06
	Vehicle Type: HF

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Exp.n.: B0705002



TITLE:

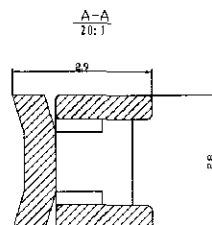
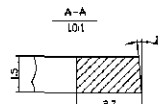
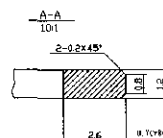
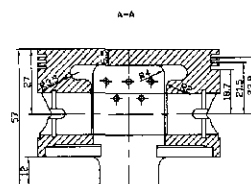
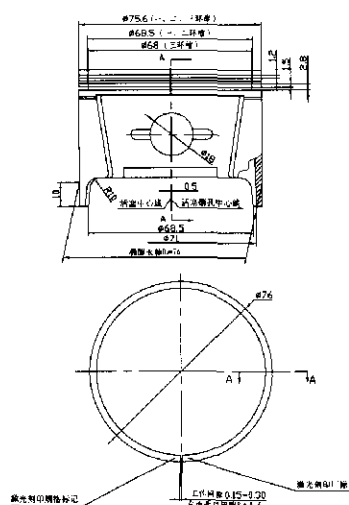
Piston&Piston Ring

Drawing NO: HF-07

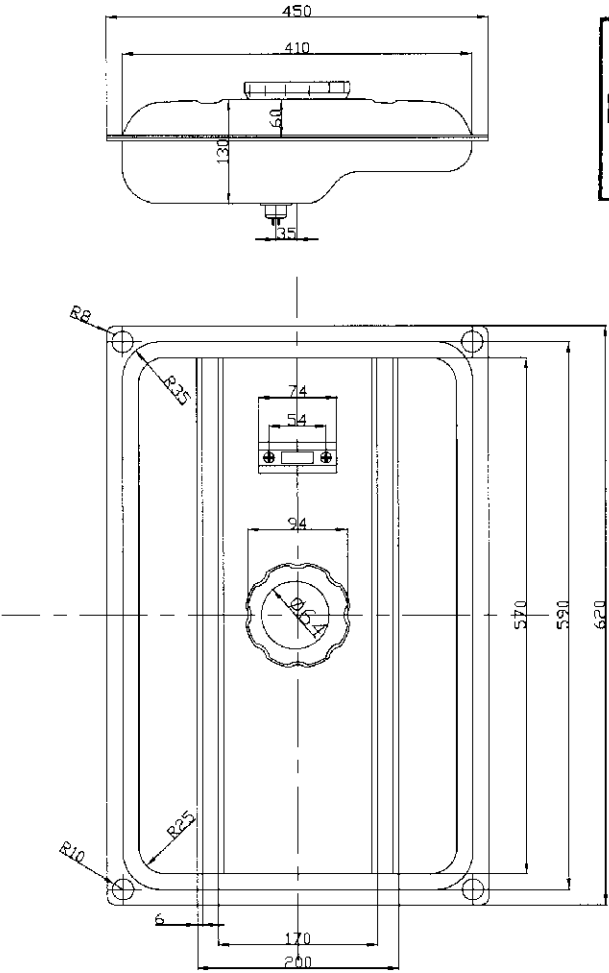
Vehicle Type: HF

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Exp.n.: B 0705002

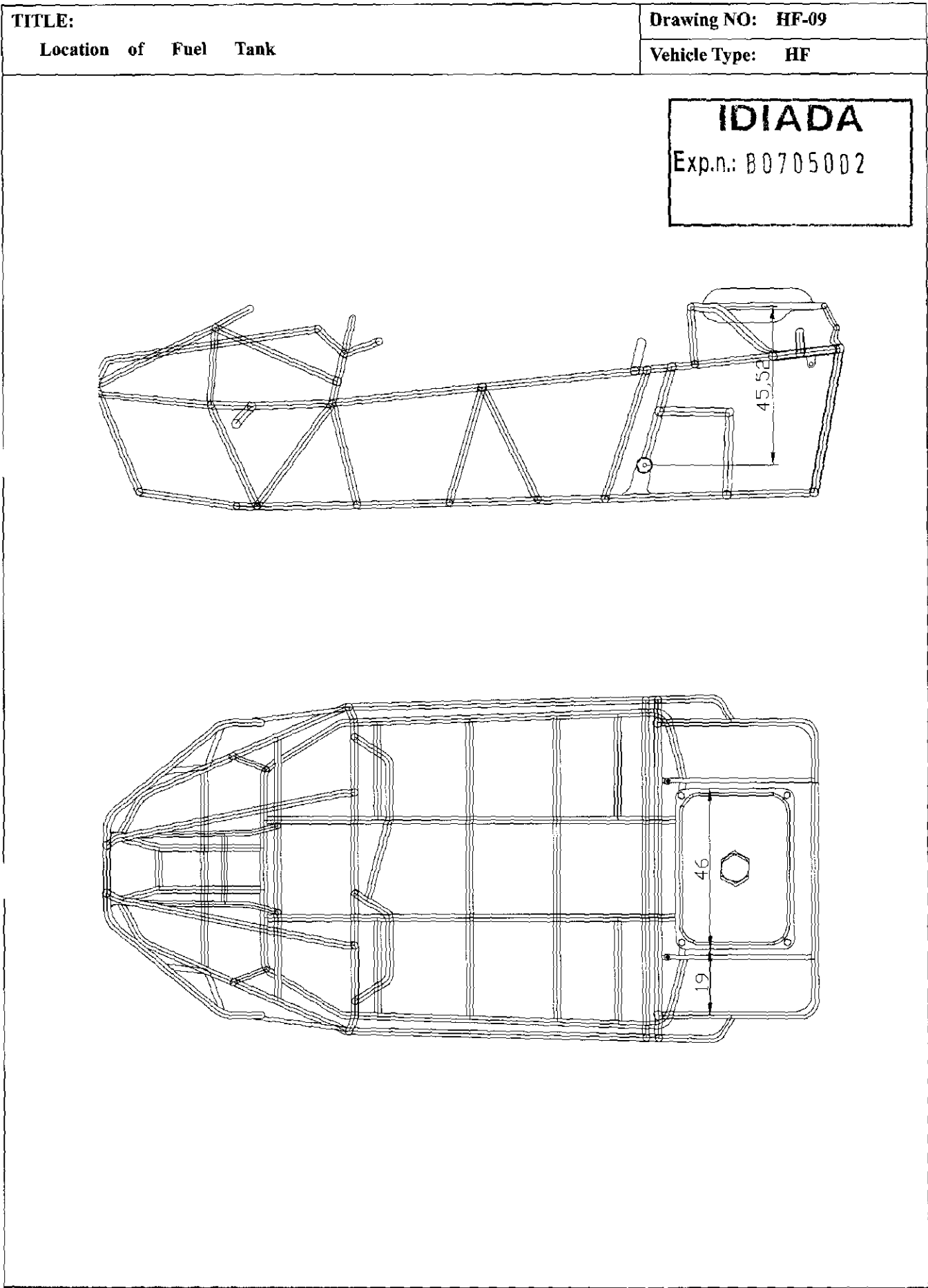


TITLE: Fuel Tank	Drawing NO: HF-08
	Vehicle Type: HF



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Exp.n.: B0705002

Type: DY-188
Capacity: 20±0.25L



TITLE:

Carburetor

Drawing NO: HF-10

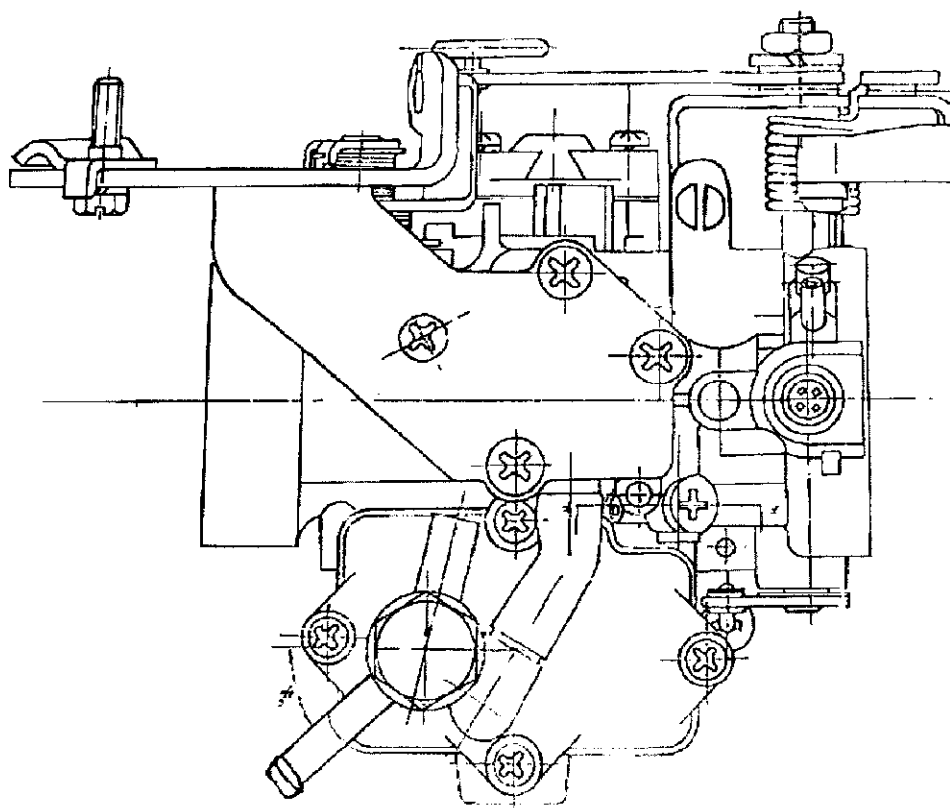
Vehicle Type: HF

IDIADA

Exp.n.: B0705002

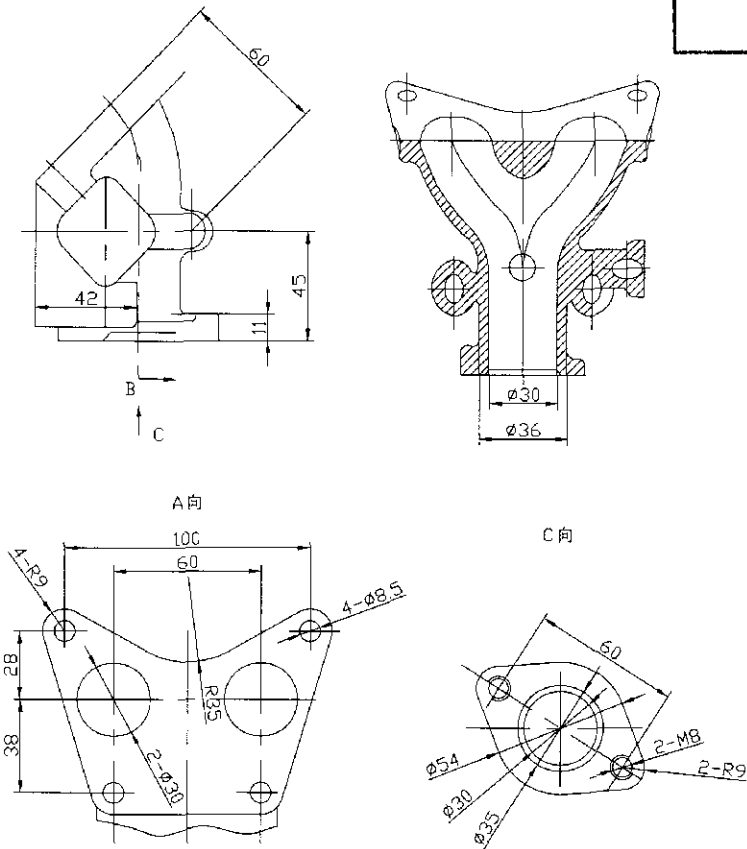
Make:XINANG LI

Type:CSH101E



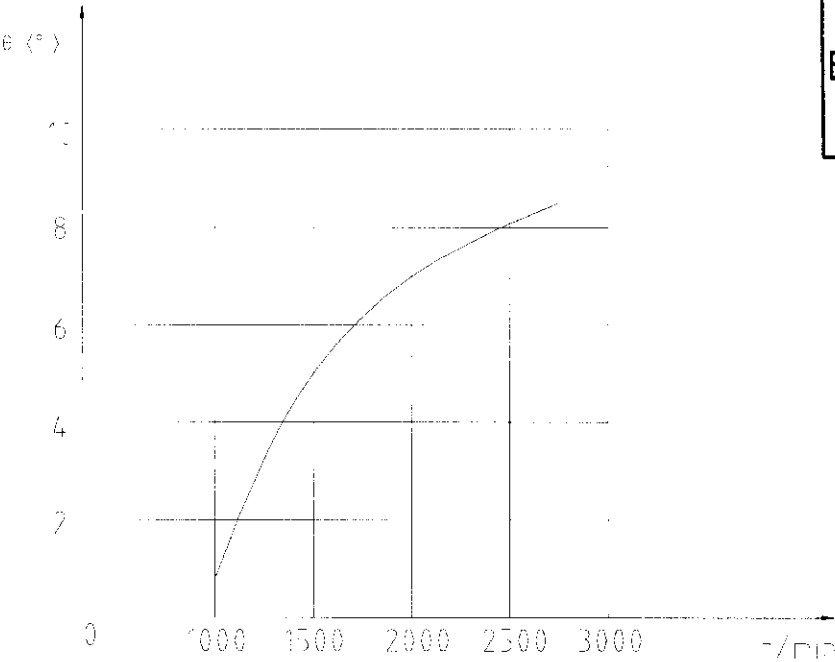
TITLE: Induction manifold	Drawing NO: HF-11
	Vehicle Type: HF

IDIADA
Exp.n.: B0705002



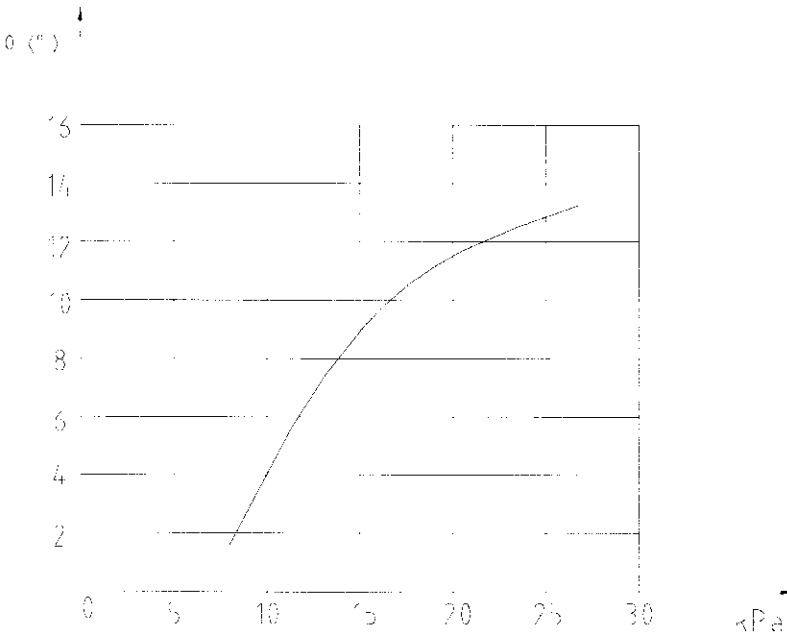
TITLE: Ignition Advance Curve	Drawing NO: HF-12
	Vehicle Type: HF

n (r/min)	1000	1500	2000	2750
θ (°)	0 ~ 1.5	4.0 ~ 6.0	6 ~ 8	7.5 ~ 9.5

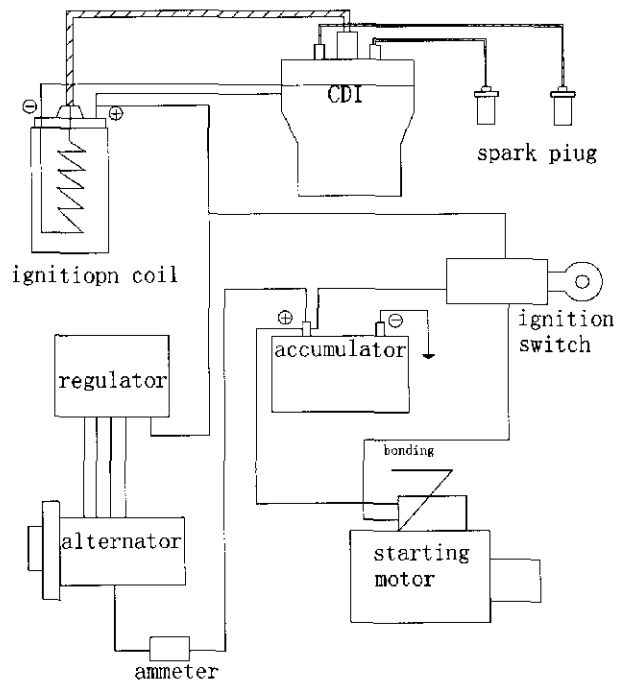


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Exp.n.: B0705002

kPa	8	18.6	26.7
mmHg	(60)	(140)	(200)
θ (°)	0 ~ 3.5	9 ~ 13	11.5 ~ 15

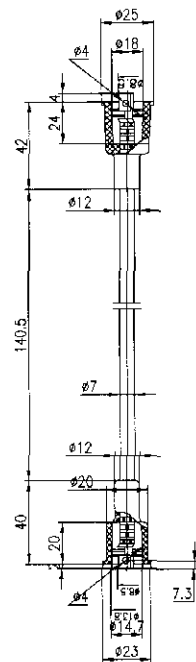


TITLE: Anti- Radio Interference Equipment	Drawing NO: HF-13
	Vehicle Type: HF

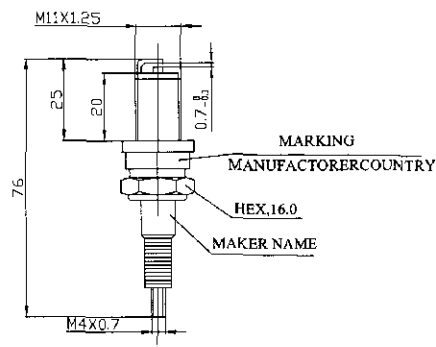


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Exp.n.: 80705002

NOISE SUPPRESSION CAP:



SPARK PLUG:

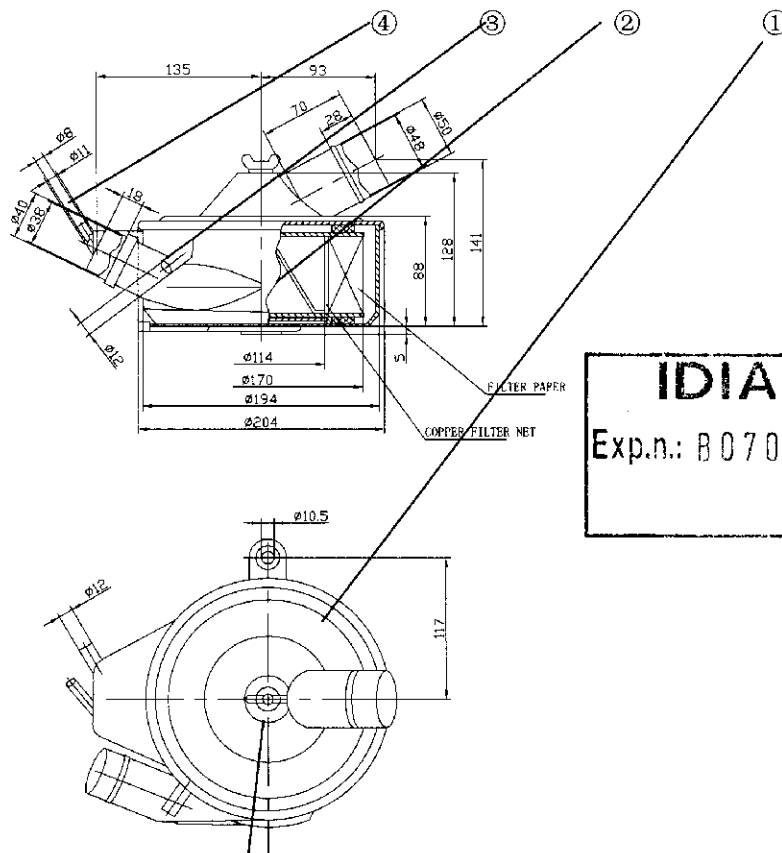


TITLE:

Air Filter

Drawing NO: HF-14

Vehicle Type: HF



Type: e9 K1706B

1.TUBE INLET

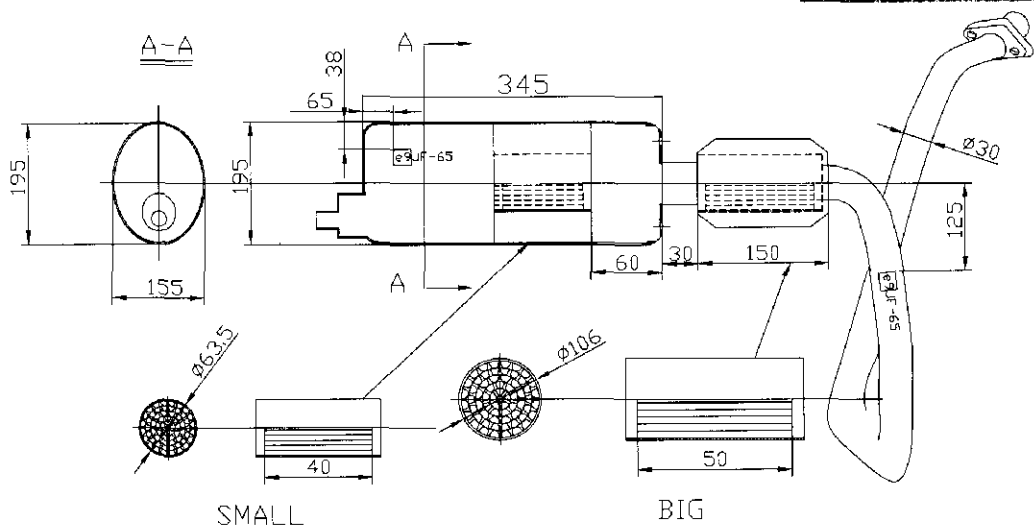
2.FILTER COMP AIR CLEANER

3.GASKET AIR CLEANER

4.WASTE PIPE

TITLE: Exhaust System	Drawing NO: HF-15
	Vehicle Type: HF

IDIADA
Exp.n.: B0705002



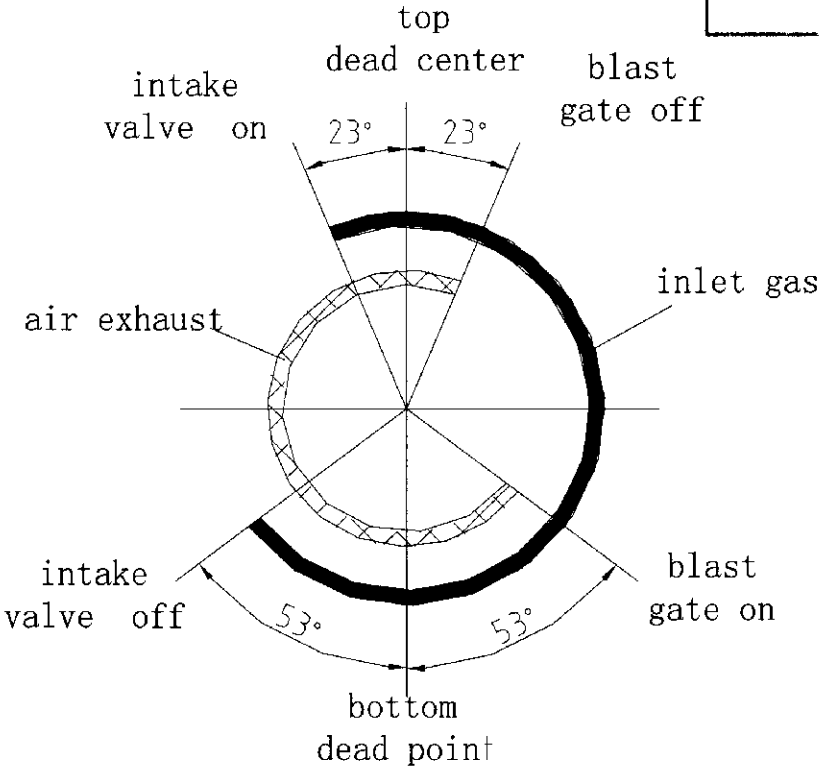
Type:Three way catalytic converter

	Total charge of Precious metal	Ratio	cell density
The big one	30g	Pt:Pd:Rh=5:5:1	100cpsi
The small one	30g	Rh	200cpsi

TITLE:
timing diagram and ports

Drawing NO: HF-16
Vehicle Type: HF

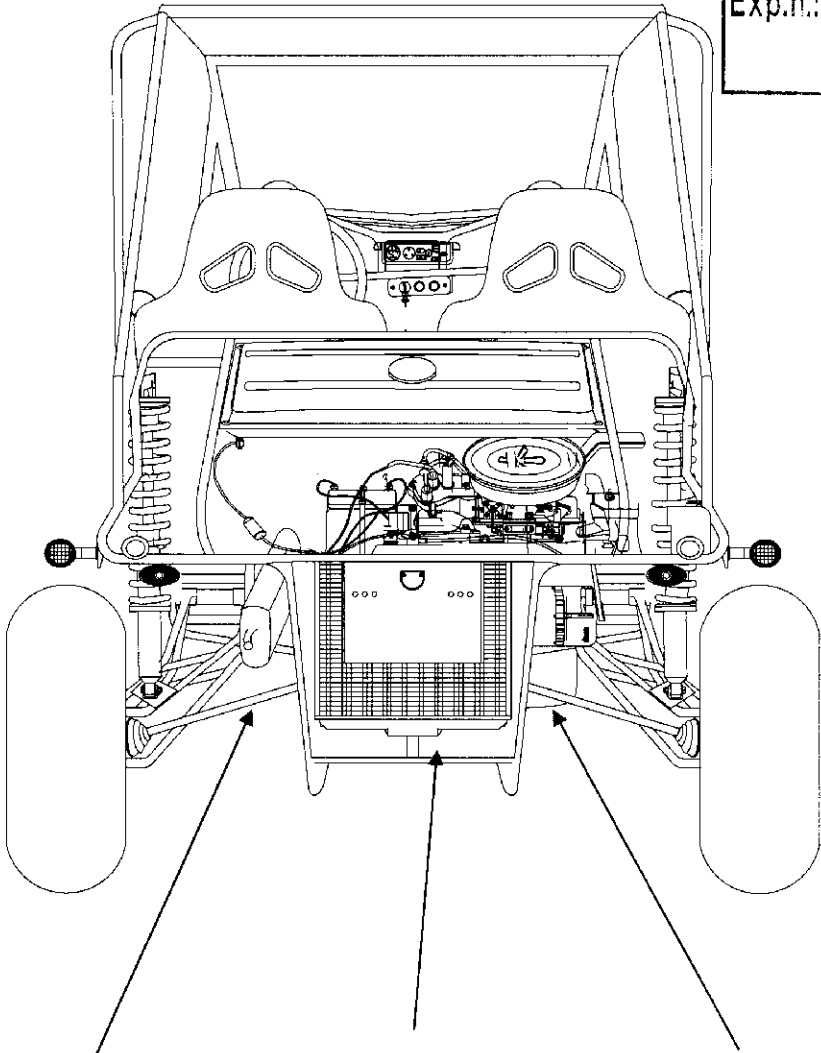
IDIADA
Exp.n.: 80705002



TITLE:
Rear Power-Transmission System

Drawing NO: HF-17
Vehicle Type: HF

IDIADA
Exp.n.: B0705002



Drive axle Engine Transmission Engine

Engine: LJ276MT-2 TAIXING LINDI MACHINERY CO,LTD
Engine Transmission: TAIXING LINDI MACHINERY CO,LTD
Drive axle: JIALING MOTOCLE CO,LTD

TITLE:

Engine Transmission

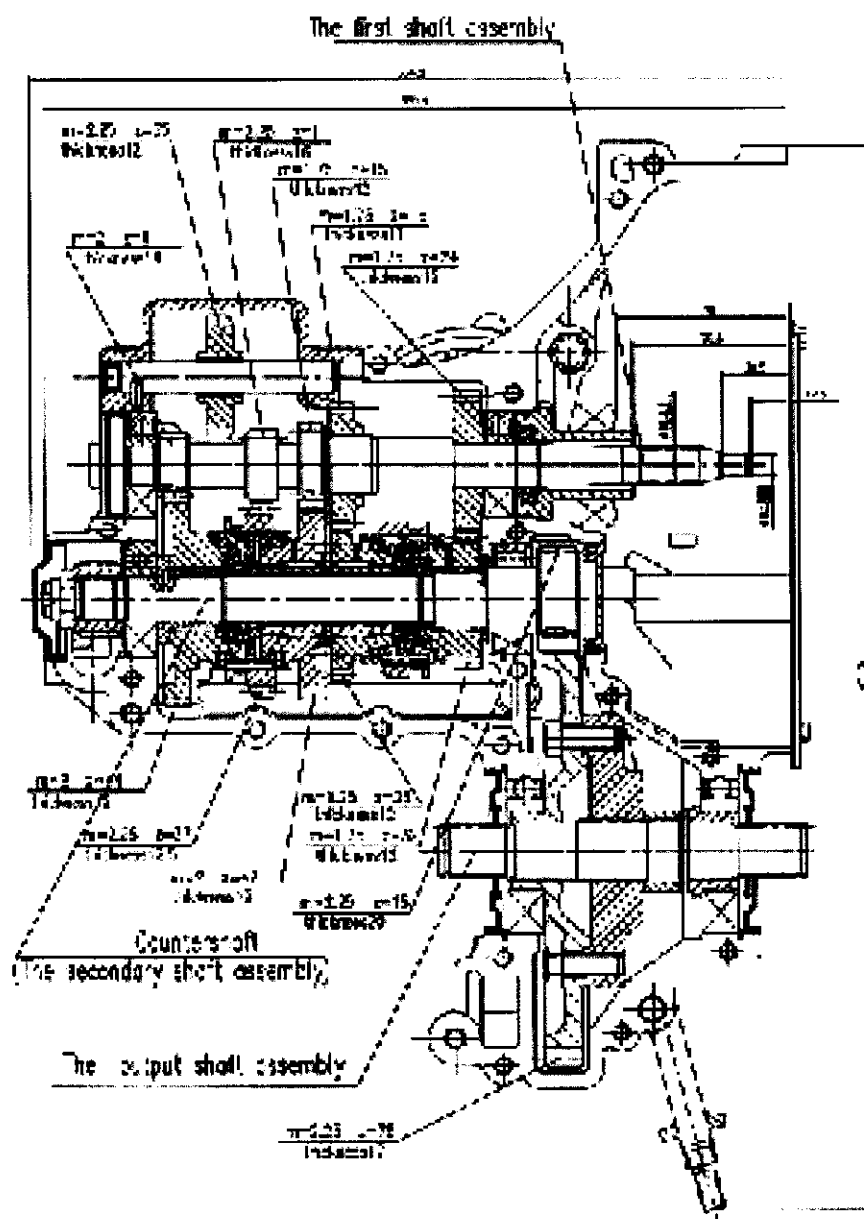
Drawing NO: HF-18

Vehicle Type **IDIADA**

Exp.n.: 80705002

Technical description

gear ratio						Motor speed	Maximum torque
gear	input	output	ratio	input	output	rpm	kgm
1st	2.8	2.1	1.33	1363	1.5	6233	21.5



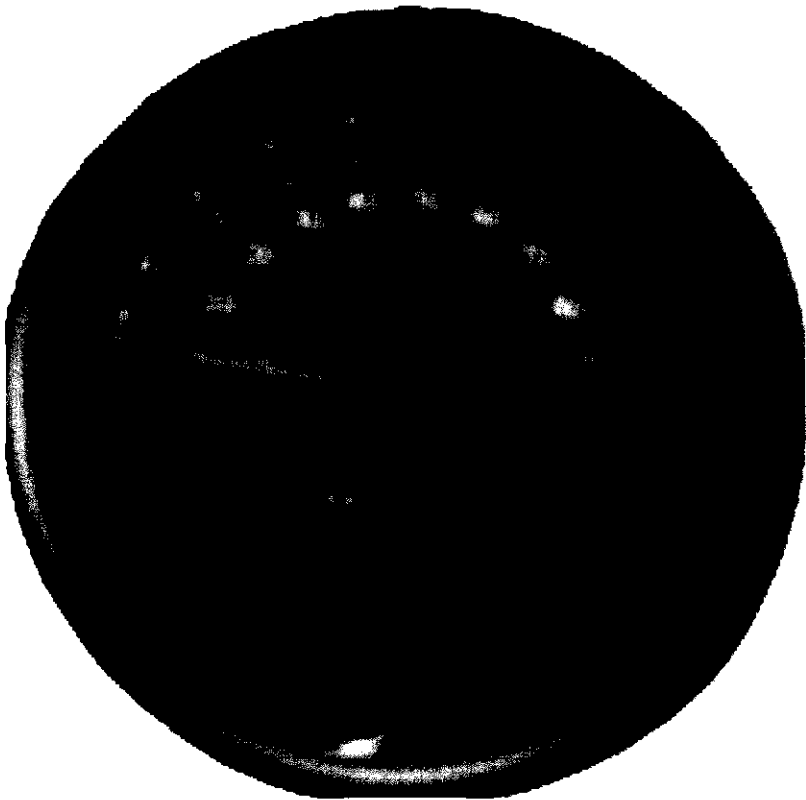
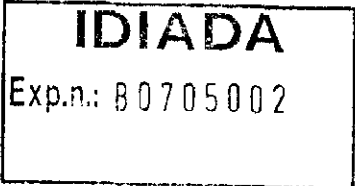
First ratio: 1.33
 second ratio: 1.5
 third ratio: 1.75
 Reverse ratio: 1.33

TITLE: Speedmeter	Drawing NO: HF-19
	Vehicle Type: HF

MAKE: Nan King Pingyuan Mobile Regulator Factory

Type :NJJPYB-01

Speed range displayed:0 to 90km/h



TITLE:

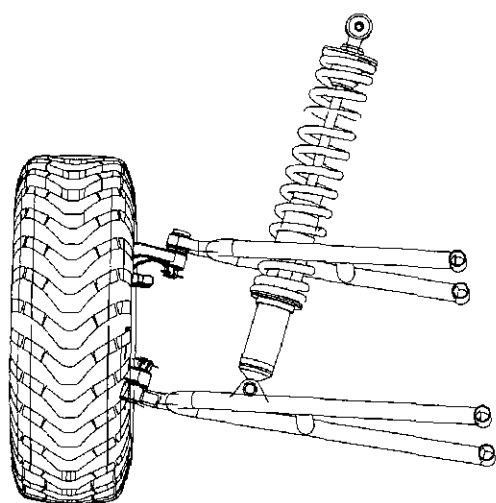
Front Suspension system

Drawing NO: HF-20

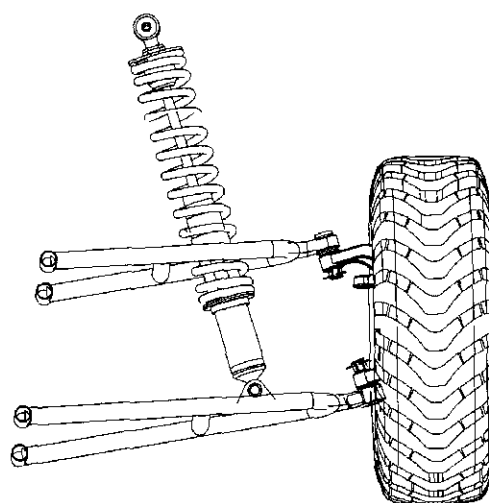
Vehicle Type: HF

IDIADA

Exp.n.: B0705002



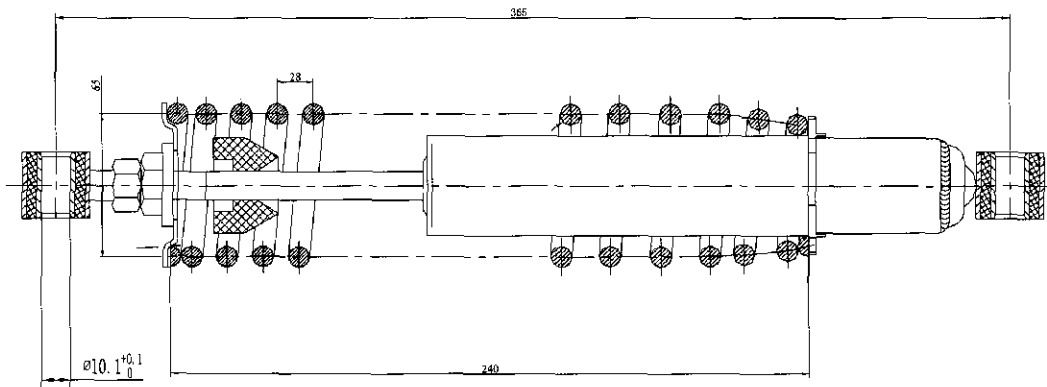
LEFT



RIGHT

TITLE: Front Shock Absorber	Drawing NO: HF-21
	Vehicle Type: HF

IDIADA
Exp.n.: B0705002



MAX : 65MM

MIN : 40MM

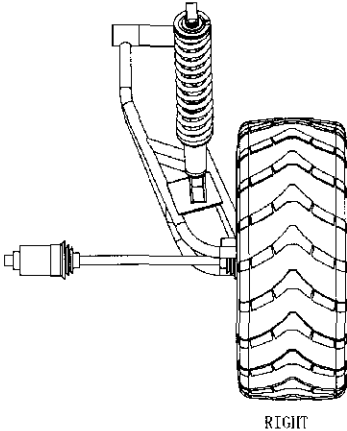
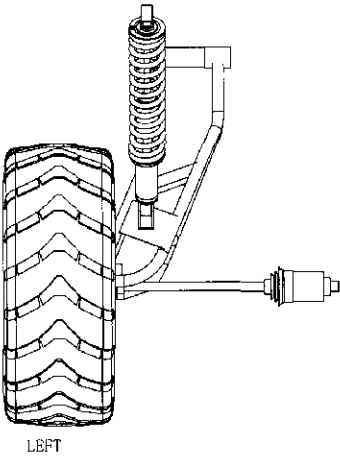
TITLE:

Rear Suspension System

Drawing NO: HF-22

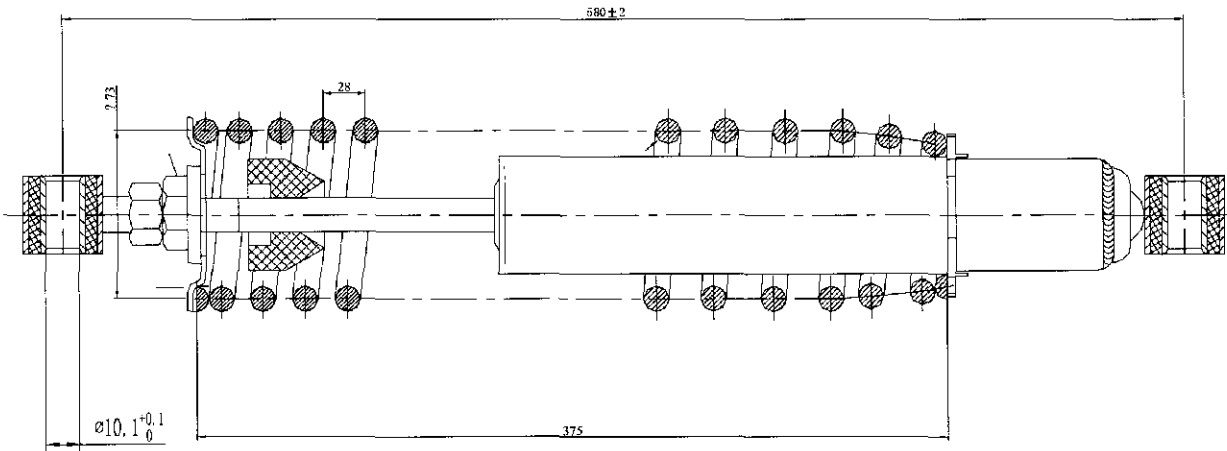
Vehicle Type: HF

IDIADA
Exp.n.: 80705002



TITLE: Rear Shock Absorber	Drawing NO: HF-23
	Vehicle Type: HF

IDIADA
Exp.n.: B0705002



MAX : 150MM

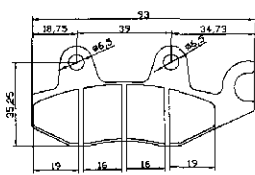
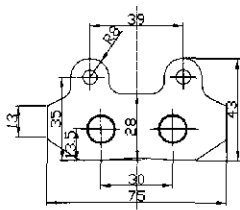
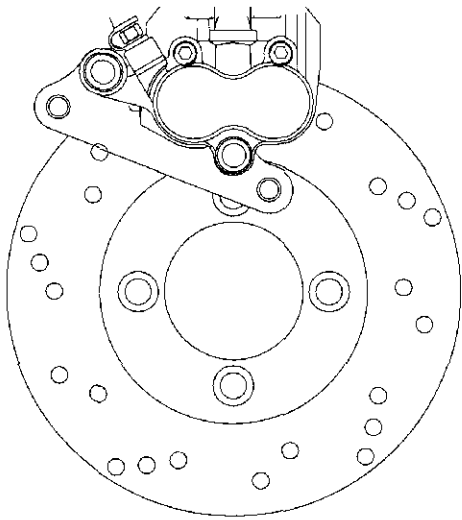
MIN : 90MM

TITLE: Front Brake System	Drawing NO: HF-24
	Vehicle Type: HF

DISC OUTER DIA:190 mm

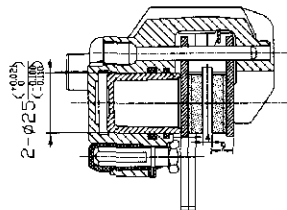
THICKNESS:4mm

IDIADA
Exp.n.: B0705002

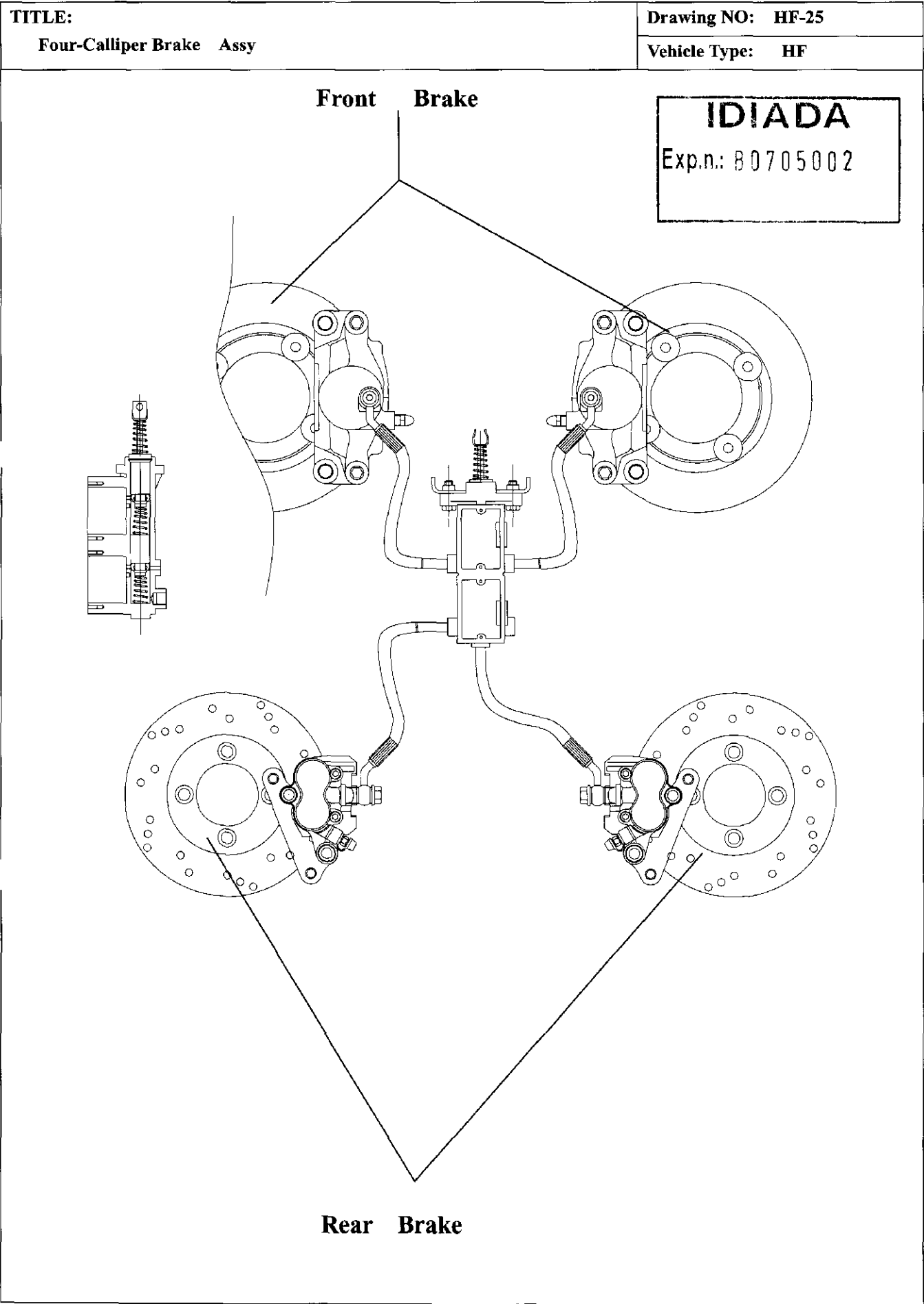


PAD

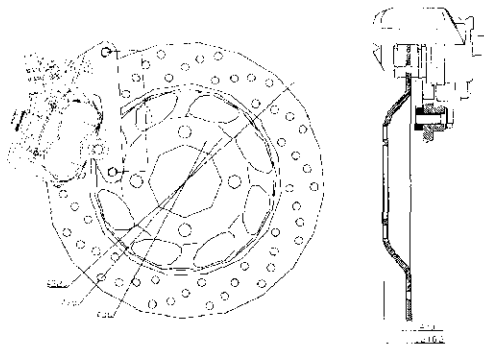
Type:CD-F007



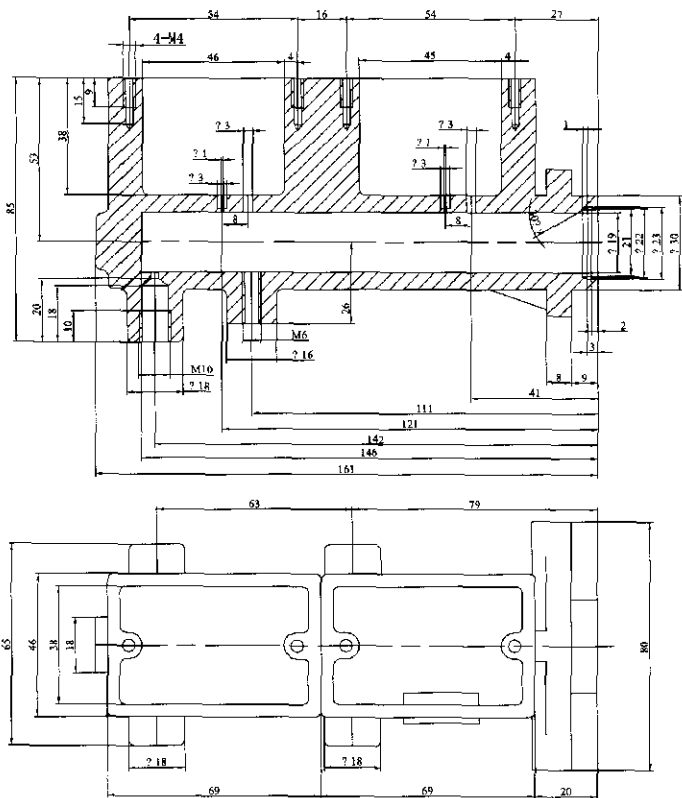
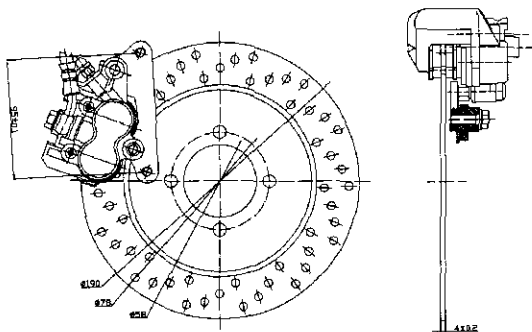
CALIPER



TITLE: Hydraulic Reservoir (Front/Rear)	Drawing NO: HF-26
	Vehicle Type: HF

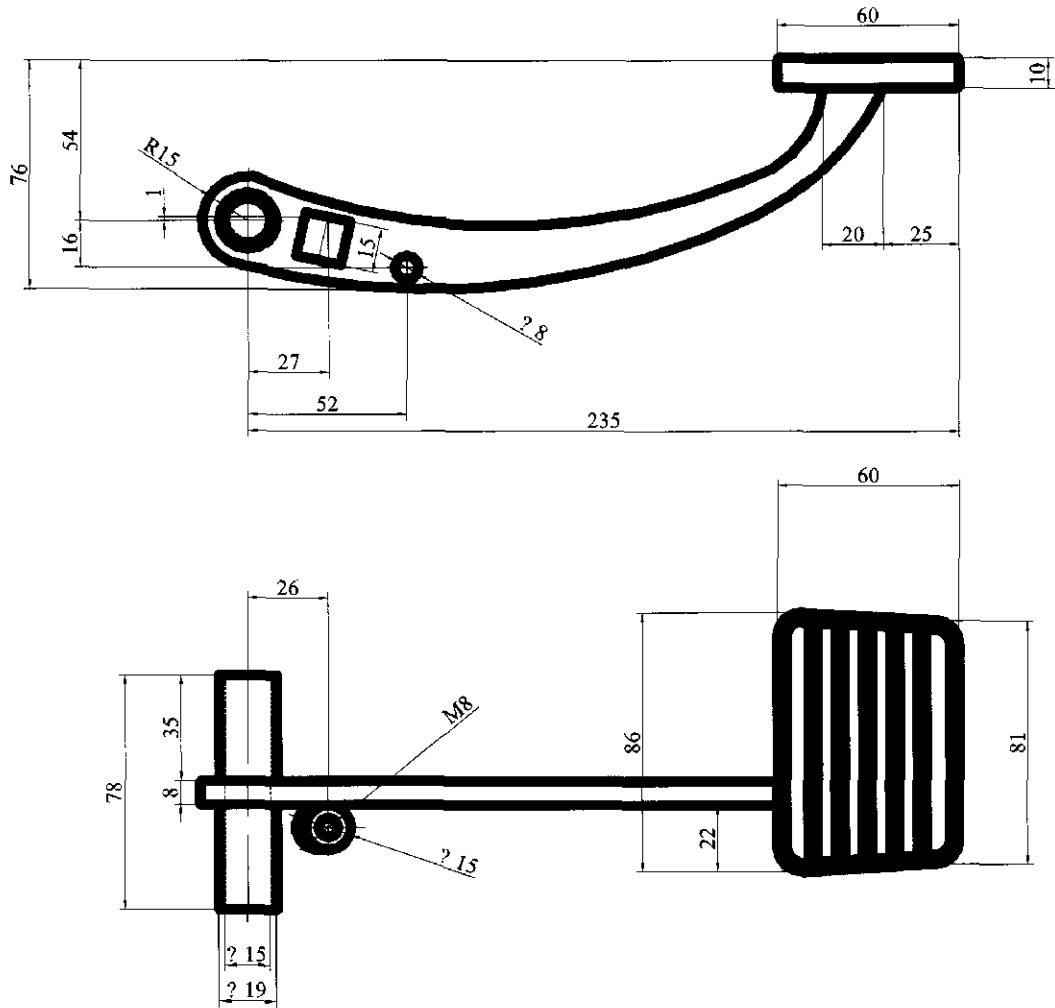


IDIADA
Exp.n.: B0705002



TITLE: Brake Pedal(Front/Rear)	Drawing NO: HF-27
	Vehicle Type: HF

IDIADA
Exp.n.: B0705002

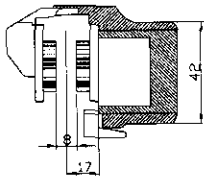
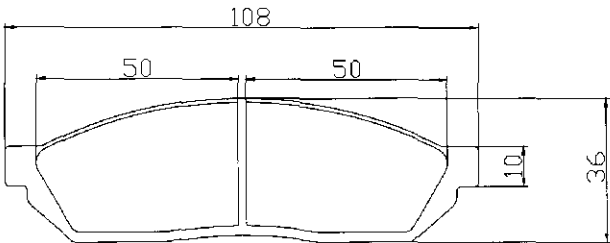
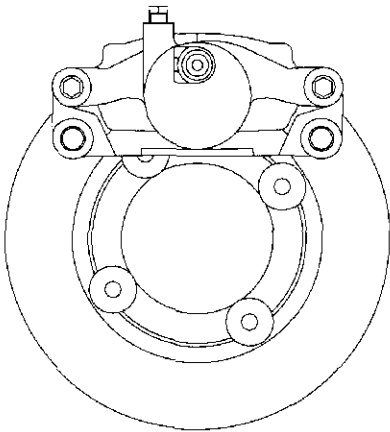


TITLE: Rear Brake	Drawing NO: HF-29
	Vehicle Type: HF

DISC OUTER DIA:215 mm

THICKNESS:10mm

IDIADA
Exp.n.: 80705002

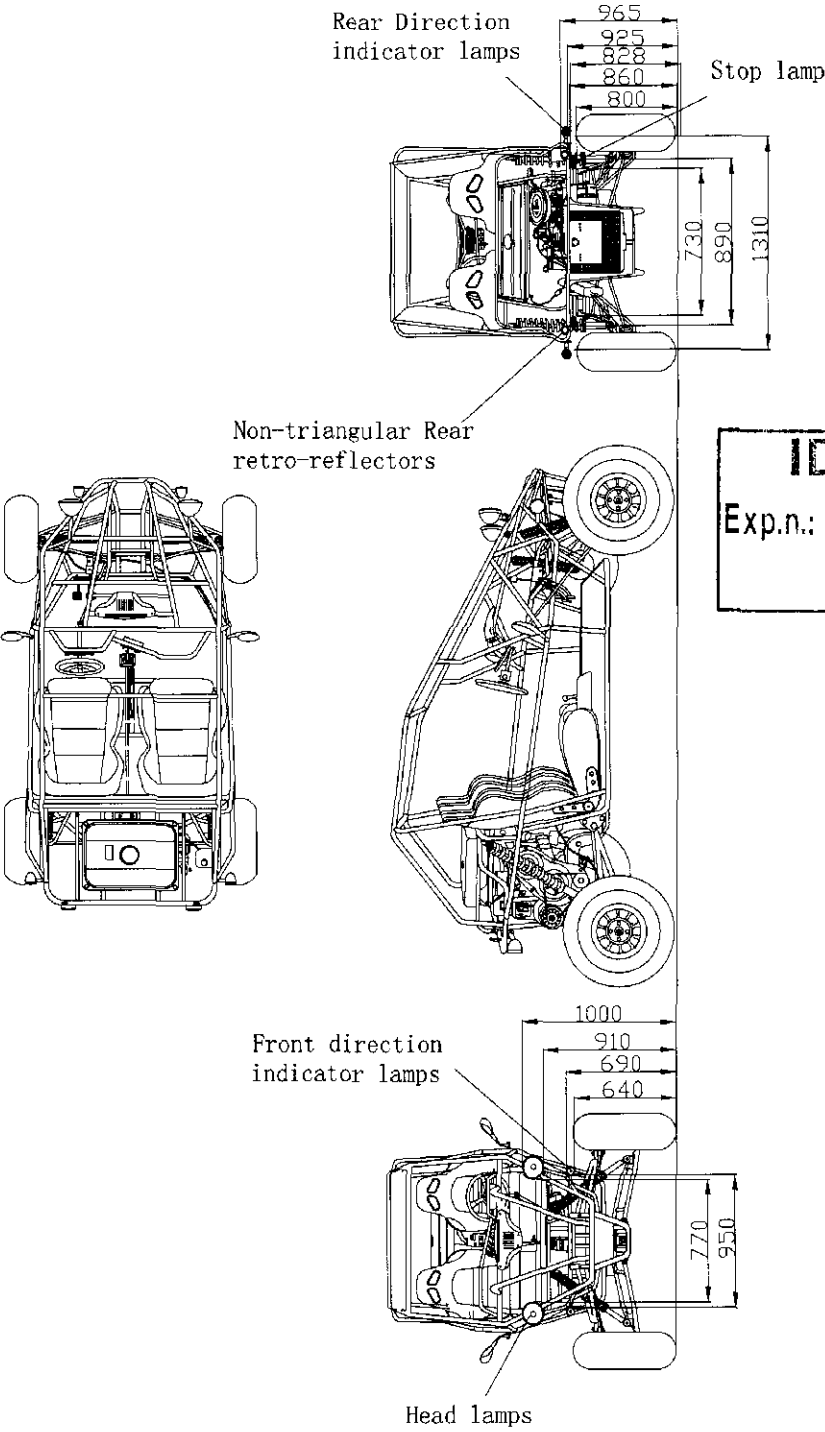


PAD

CALIPER

TYPE:SOL022

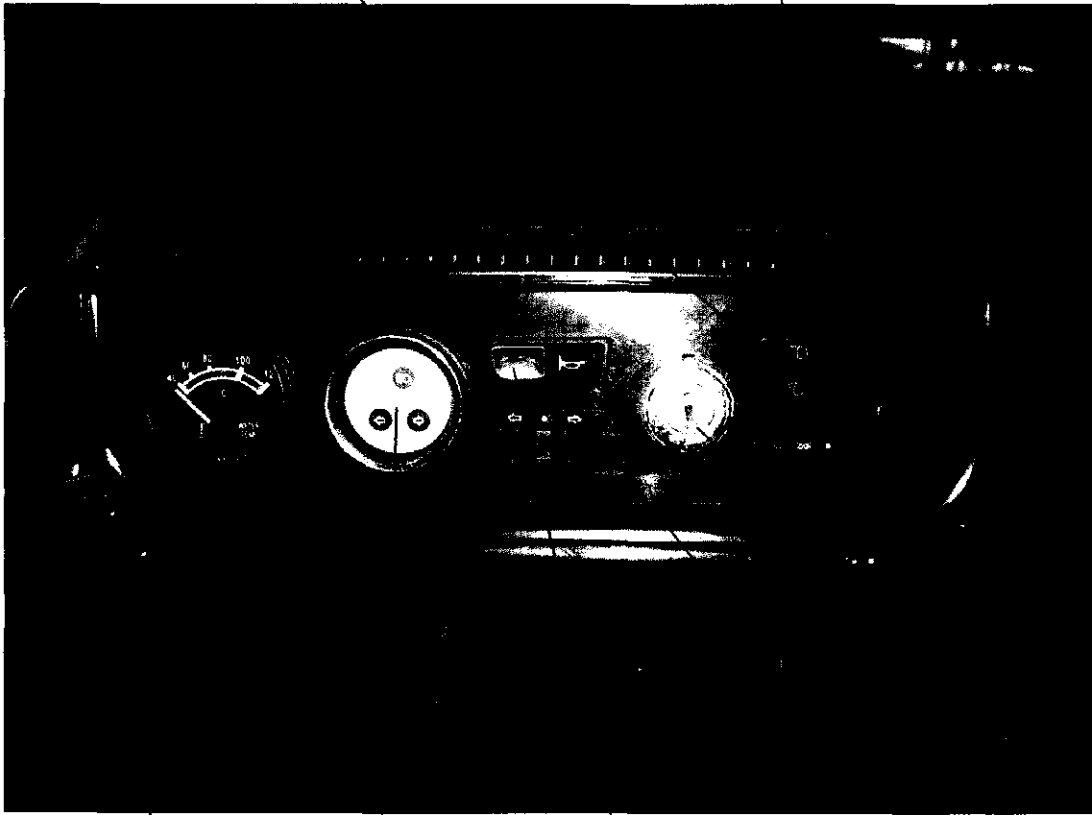
TITLE: Location of Lights	Drawing NO: HF-30
	Vehicle Type: HF



IDIADA
Exp.n.: B0705002

TITLE: Controls Telltales and Indicators	Drawing NO: HF-31
	Vehicle Type: HF

Main/Dipped Beam Head lamp Lamp Control Hazard Warning Lamp

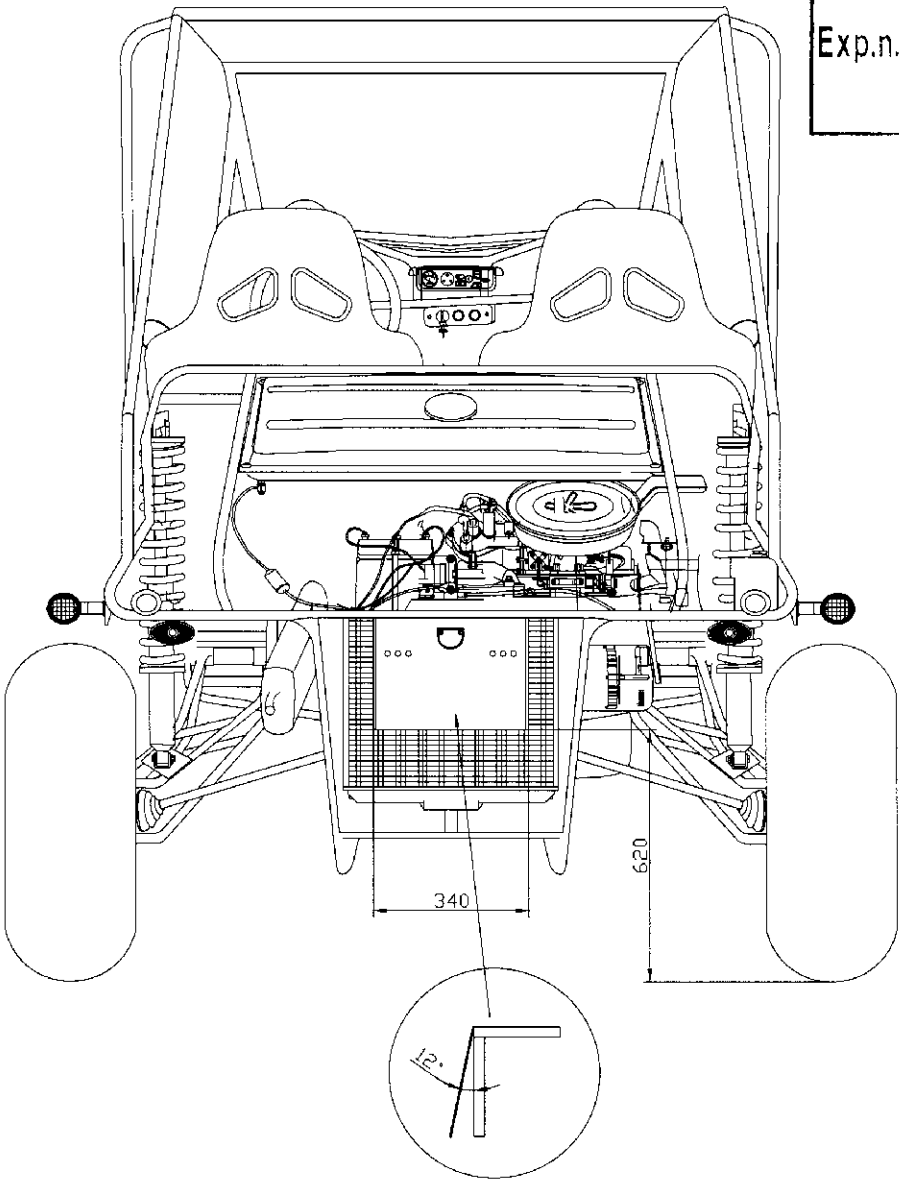


Water Thermometer Electric Starter Direction control Signal Display Horn Button

IDIADA
Exp.n.: B0705002

TITLE: Rear Registration Plate	Drawing NO: HF-32
	Vehicle Type: HF

IDIADA
Exp.n.: B0705002



TITLE:

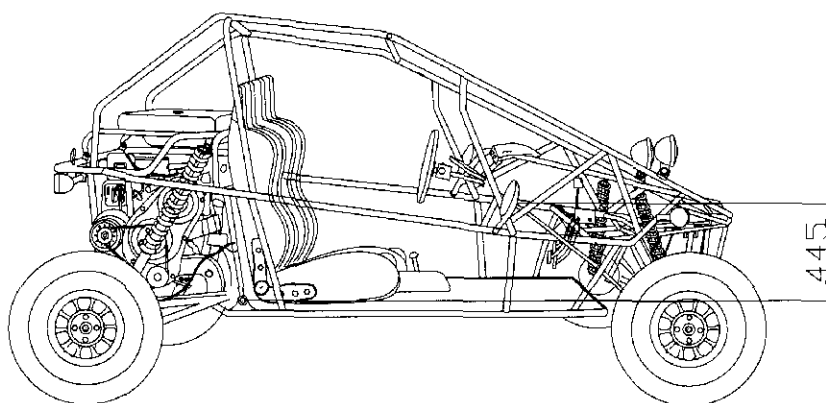
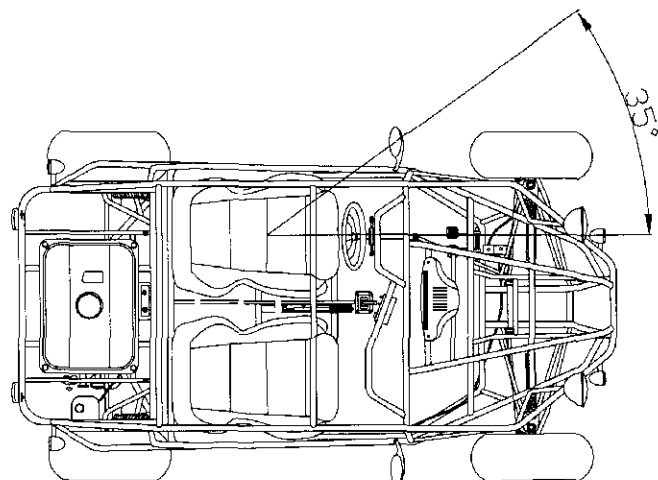
Location of Rear View Mirror

Drawing NO: HF-33

Vehicle Type: HF

IDIADA

Exp.n.: B0705002



Installation: M8

SHANGHAI GOKA SPORTS MOTOR CO.,LTD

DOC NO:HF-001

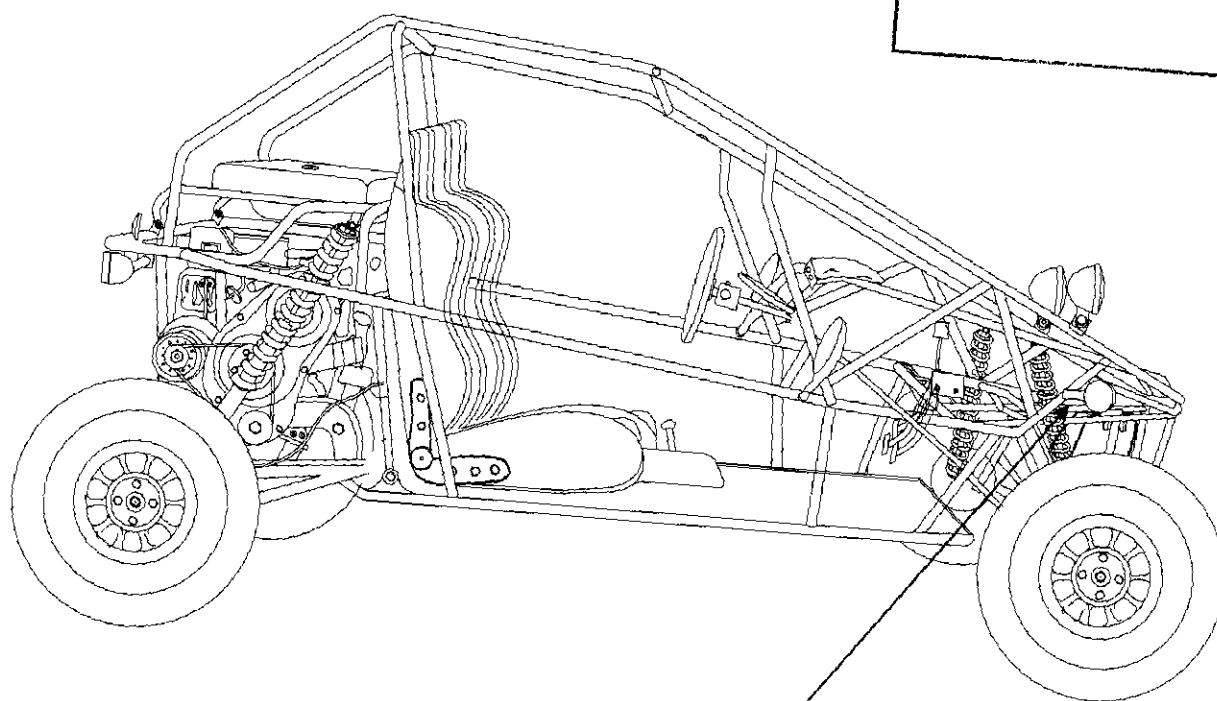
TITLE:

Audible Waring Device

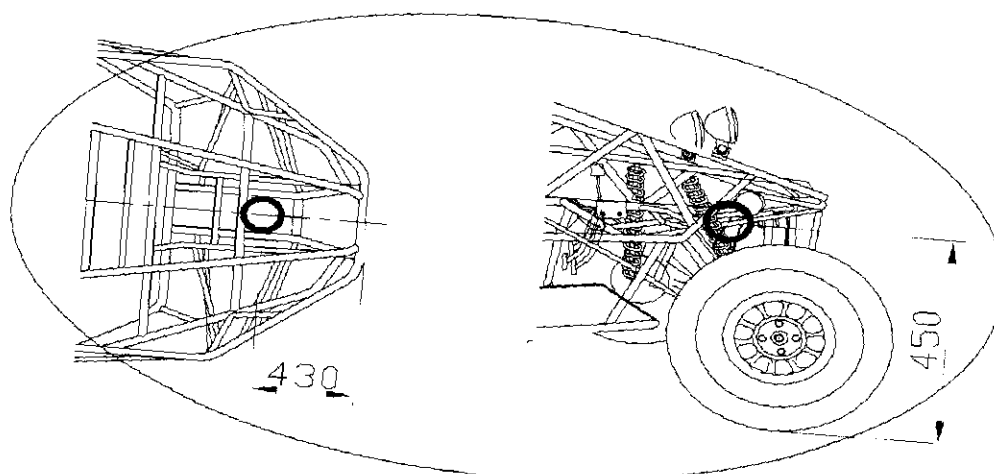
Drawing NO: HF-34

Vehicle Type: HF

IDIADA
Exp.n.: B0705002



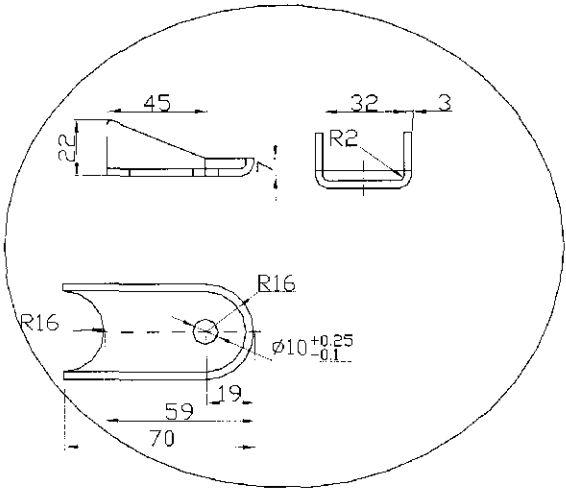
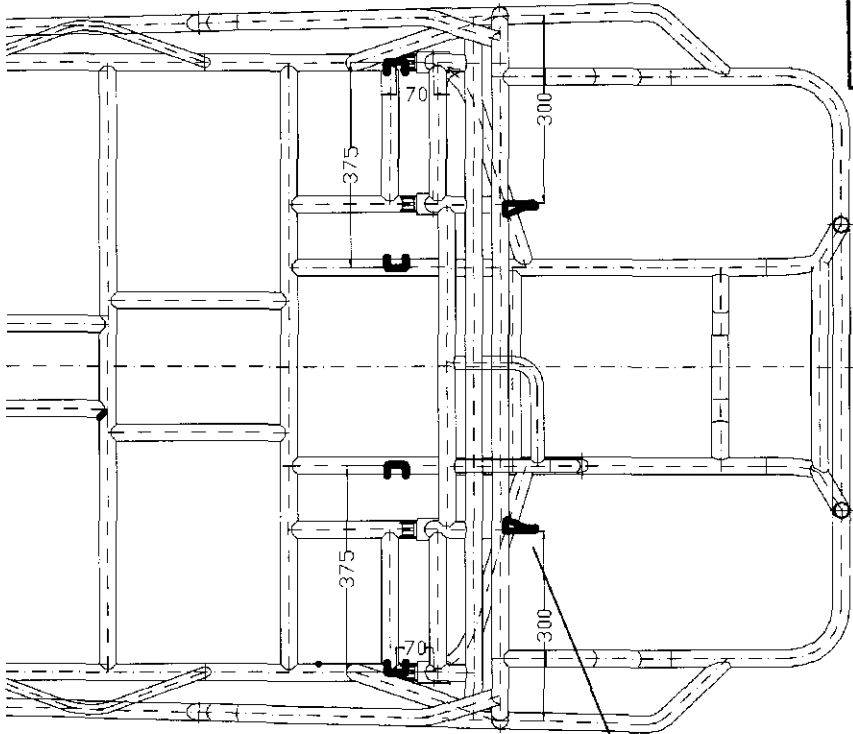
HORN



TITLE:
The parts of the structure to which anchorages are attached

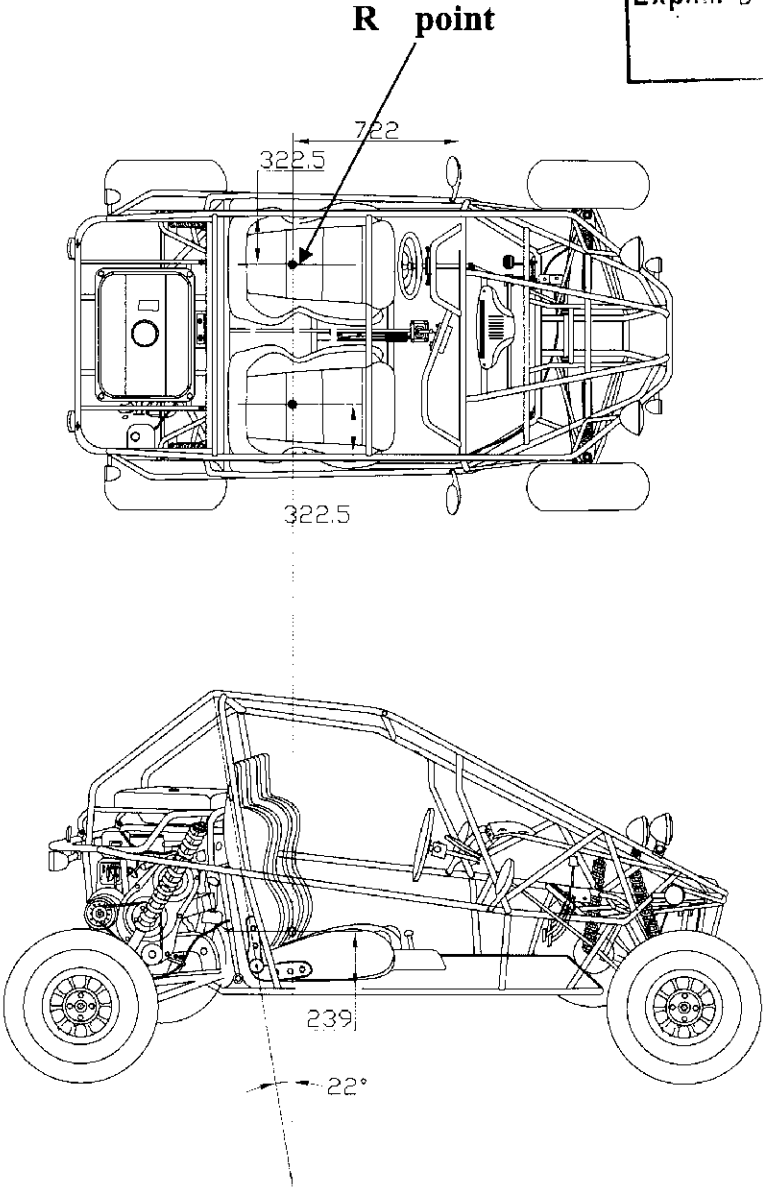
Drawing NO: HF-36
Vehicle Type: HF

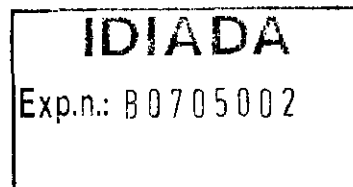
IDIADA
Exp.n.: B0705002



TITLE: R point R	Drawing NO: HF-37
	Vehicle Type: HF

IDIADA
Exp.n.: 80705002





EC CERTIFICATE OF CONFORMITY

The undersigned,

hereby certifies that the following vehicle:

0.1.	Make:	
0.2.	Type:	
	Variant:	
	Version:	
0.2.1	Commercial name(s) (where appropriate):	
0.4	Vehicle category:	
0.4.1	Vehicle category according to Directive 97/24/EC, Chapter 7	
0.5.	Name and address of the manufacturer:	
0.6.	Location of the statutory plate:	
	Vehicle identification number:	
0.7.	Location of the vehicle identification number on the chassis:	

Conforms in all respects to the type described in EC type-approval

— EC type-approval number:

— Dated:

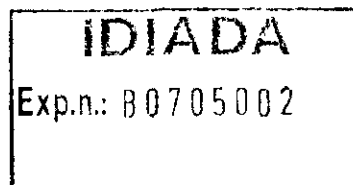
The vehicle can be permanently registered without requiring any further approvals, for driving on the right and left and for using metric/imperial units for the speedometer.

(place)

(date)

(signature)

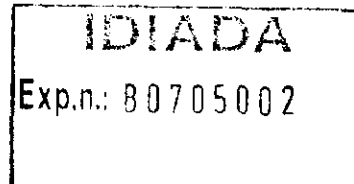
(Position)



Additional information

1.	Number of axles:		and wheels:				
3.	Wheel base:				mm		
6.1	Length:				mm		
7.1	Width:				mm		
8.	Height:				mm		
12.1.	Mass of the vehicle (with bodywork) in running order:				kg		
12.2.	Unladen mass of the vehicle:				kg		
14.1.	Technically permissible maximum laden mass:				kg		
14.2	Distribution of this mass among the axles:	1.		Kg	2.		kg
14.3.	Technically permissible mass on each axle:	1.		Kg	2.		kg
17.	Maximum mass of trailer:	(braked):		Kg	(unbraked):		kg
19.1.	Maximum vertical load at the coupling point for a trailer:				kg		
20.	Engine manufacturer:						
21.	Engine type as marked on the engine:						
21.2.	Engine number:						
22.	Working principle: Electric/spark ignition/compression ignition, four/two stroke						
23.	Number and arrangement of cylinders:						
24.	Cylinder capacity:					cm ³	
25.	Fuel:						
26.	Maximum net power or maximum continuous rated power:					kW at min ⁻¹	
26.1.	Ratio: maximum net power or maximum continuous rated power/mass of the vehicle in running order:					(kW/kg)	
28.	Gearbox (type):						
29.	Gear ratios:						
32.	Tyre size designation:	Axle 1:		Axle 2:			
37.	Body: yes/no						
41.	Number and configuration of doors:						
42.1	Number and position of seats:						
43.1	Approval mark of coupling device, if fitted:						
44.	Maximum speed:					km/h	
45.	Sound level: 97/24/EC chapter 9						
	Stationary:		dB(A)	at engine speed:		min ⁻¹	
	Drive-by:		dB(A)				
46.	Exhaust emissions: 97/24/EC chapter 5 Annex I, as amended by 2003/77/EC (Implementation stage A)						
	Type I test:	CO:		g/km	HC:		g/km
		NO _x :		g/km	HC+ NO _x :		g/km
	Type II test:	for mopeds: CO :		g/min	HC:		g/min
		for motorcycles and tricycles: CO :					% vol
	Visible air pollution caused by an engine with compression ignition:						
	- corrected value of absorption coefficient :						m ⁻¹
47.	Fiscal power or national code number (s) :						
	Italy:	France:			Spain:		
	Belgium:	Germany:			Luxembourg:		
	Denmark:	Netherlands:			Greece:		
	United kingdom:	Ireland:			Portugal:		
	Austria:	Sweden:			Finland:		
50.	Remarks:						
51.	Exemptions :						

SHANGHAI GOKA SPORTS MOTOR CO.,LTD
#358 Xiangting Road,Chedun Industrial Area,Songjiang, Shanghai R.P China



Statement Concerning Authority Of Signature On COC Paper

We, SHANGHAI GOKA SPORTS MOTOR CO.,LTD declare that the undersigned, zhengdongquan the Assistant of General manager of our company, will be the authorized person to sign the COC paper of the following vehicle:

Type:HF

Comercial name: N.A

Specification of signature of COC:

Zhengdongquan

A handwritten signature in Chinese characters, appearing to be "郑冬权", written in a cursive style.

Signature(General Manager):

SHANGHAI GOKA SPORTS MOTOR CO.,LTD

Date: January 20th,2007

A handwritten signature in Chinese characters, appearing to be "谢新平", written in a cursive style.