

Xingyue Group Co., Ltd.

Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China

October 15, 2005

RDW rijksdienst voor het wegverkeer
Components and Motorcycles
Pestbus777
2700 AT Zoetermeer
The Netherlands

Dear Sirs

We as manufacturer/~~authorized representative~~¹ ask for a type approval acc. to 2002/24/EC for the following vehicle type:

¹delete where applicable

Vehicle type : XYKD260-2

Vehicle category : L7e

Name and address manufacturer : Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China

Name and address of manufacturers representative : not applicable

We confirm that the above mentioned application has not been submitted to any Other EC member state nor has any member state granted a corresponding type approval.

With best regards,



Mr. Jishen Hu/ President
Xingyue Group Co., Ltd.



**THE NETHERLANDS**
(N E D E R L A N D)**EC TYPE-APPROVAL CERTIFICATE**

Communication concerning:

- TYPE-APPROVAL ⁽¹⁾
~~- EXTENSION OF TYPE APPROVAL ⁽¹⁾~~
~~- REFUSAL OF TYPE APPROVAL ⁽¹⁾~~
~~- WITHDRAWAL OF TYPE APPROVAL ⁽¹⁾~~

of a type of vehicle with regard to directive 2002/24/EC as last amended by directive 2003/77/EC.

EC type-approval number : **e4*2002/24*1047*00**

Reason for extension : not applicable

Approval mark : *e4*2002/24*1047*

0. General
- 0.1. Make(s) (trade name of the manufacturer) : GSMoon; DIVINE STAR&MOON;
QSTRONG
- 0.2. Type : XYKD260-2
Variant : ---
Versions : version1:XYKD260-2L
version2:XYKD260-2R
- 0.2.1. Commercial name(s) : KART
- 0.3. Means of identification of type, if marked
on the vehicle : not applicable
- 0.3.1. Location of that marking : not applicable
- 0.4. Category ⁽²⁾ : L7e
- 0.5. Name and address of the vehicle
manufacturer : Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China
- 0.5.1. Name(s) and address(es) of assembly
plant(s) : ShangHai XingYue Power Machinery Co.,
Ltd
Pingqiao Village, Waxie Town,
Nanhui District, 201321, Shanghai
P.R.China



Type-approval number: e4*2002/24*1047*00


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 or several representative samples, selected by the competent 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.

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.

The approval is granted/~~refused/withdrawn~~ ⁽¹⁾.

Place : Zoetermeer

Signature :



J.C.M. Hoes

Date : 09-feb-2006

- Attachments:
- Information document, Parts 1 and 2 (Annex II).
 - Test results (Annex VII).
 - 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.
 - A model certificate of conformity.

⁽¹⁾ Delete where not applicable.

⁽²⁾ According to the classification introduced in Article 1.



ANNEX VII

TEST RESULTS

(Article 5(1), first subparagraph)

In each case, the information must make clear to which variant and version it is applicable. One version may not have more than one result.

1. Results of the sound level tests.

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:

97/24/EC chapter 9 amend. 2003/77/EC

Variant/version	version1:XYKD260-2L version2:XYKD260-2R	---	---
Moving dB(A)	80	---	---
Stationary dB(A)	86	---	---
at (min ⁻¹)	3500	---	---

2. Results of the exhaust emission tests.

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:

97/24/EC amend. 2003/77/EC chapter 5, (row A of table, Annex II, Section 2.2.1.1.5)

Variant/version	version1:XYKD260-2L version2:XYKD260-2R	---	---
-----------------	--------------------------------------------	-----	-----

2.1. Type I

CO (g/km)	3.550	---	---
HC (g/km) ⁽¹⁾	0.594	---	---
NO _x (g/km) ⁽¹⁾	0.371	---	---
HC + NO _x (g/km) ⁽²⁾	---	---	---

2.2. Type II

CO (g/min) ⁽²⁾	---	---	---
HC (g/min) ⁽²⁾	---	---	---
CO (% vol) at normal idle speed ⁽¹⁾	0.651	---	---
Specify the idle speed ^{(1) (3)} (min ⁻¹)	1700 ±100	---	---
CO (% vol) at high idle speed ⁽¹⁾	1.349	---	---
Specify the idle speed ^{(1) (3)} (min ⁻¹)	2500±100	---	---
Engine oil temperature ^{(1) (4)}	97°C	---	---

3. Compression ignition engine

Variant/version	---	---	---
Corrected value of absorption coefficient (m ⁻¹)	---	---	---

⁽¹⁾ Only for motorcycles and motor tricycles and for quadricycles as defined in Article 1, paragraph 3(b).

⁽²⁾ Only for mopeds and for light quadricycles as defined in Article 1, paragraph 3(a).

⁽³⁾ Mention the measurement tolerance.

⁽⁴⁾ Applicable for four-stroke engines only.

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Information document: 2002/24-XYKD260-2-00

Application date: Oct 15, 2005



Document information about: **four-wheel motorcycle**

Reference number of information document: **2002/24-XYKD260-2-00**

Application date: **Oct 15, 2005**

LIST OF CONTENT

I. 2002/24 INFORMATION DOCUMENT – GENERAL INFORMATION

II. CONTENT OF DRAWINGS

Drawing no.	Drawing subject
XYKD260-2-01-L	WHOLE VEHICLE-DIMENSION (L)
XYKD260-2-01-R	WHOLE VEHICLE-DIMENSION (R)
XYKD260-2-02	CYLINDER HEAD
XYKD260-2-03	PISTON
XYKD260-2-04	RING
XYKD260-2-05	CYLINDER
XYKD260-2-06	FUEL TANK
XYKD260-2-07	FUEL TANK INSTALLATION
XYKD260-2-08	IGNITION ADVANCE CURVE
XYKD260-2-09	ANTI RADIATION-SPARK PLUG
XYKD260-2-10	ANTI RADIATION-HIGH VOLTAGE CAP
XYKD260-2-11	INDUCTION SYSTEM
XYKD260-2-12	INDUCTION MANIFOLD
XYKD260-2-13	AIR FILTER
XYKD260-2-14	COMPLETE EXHAUST SYSTEM
XYKD260-2-15	MUFFLER
XYKD260-2-16	CATALYST
XYKD260-2-17	TIMING DIAGRAM
XYKD260-2-18	CRANKCASE-GAS RECYCLING DEVICE
XYKD260-2-19	TRANSMISSION DIAGRAM
XYKD260-2-20	SPEEDOMETER (1)
XYKD260-2-21	SPEEDOMETER (2)
XYKD260-2-22	SUSPENSION
XYKD260-2-23	REAR CUSHION
XYKD260-2-24	FRONT CUSHION
XYKD260-2-25	BRAKE SYSTEM (1)
XYKD260-2-26	BRAKE SYSTEM (2)
XYKD260-2-27	FRONT BRAKE
XYKD260-2-28	REAR BRAKE
XYKD260-2-29	HYDRAULIC RESERVOIRS
XYKD260-2-30	LAMP LOCATION DRAWING
XYKD260-2-31	ELECTRIC INSTRUMENT PANEL
XYKD260-2-32	LOCATION OF THE STATUTORY CHASSIS NUMBER & VIN
XYKD260-2-33	FRAME
XYKD260-2-34	HORN INSTALLATION
XYKD260-2-35	REAR-VIEW MIRROR

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XYKD260-2-36	ANTI-THEFT DEVICE
XYKD260-2-37	SPACE FOR REAR REGISTRATION PLATE
XYKD260-2-38	ENGINE EXTERNAL VIEW
XYKD260-2-39	ENGINE-TEMPERATURE CONTROL DEVICE

**III STATEMENT CONCERNING ANTI TAMPERING REQUIREMENTS AND ANTI THEFT
DEVICE (IF APPLICABLE)**



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2002/24/EC ANNEX II

INFORMATION DOCUMENT (a)

PART 1

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

0. General

- | | | | |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.1. | Make | : | GSMoon; DIVINE STAR&MOON; QSTRONG |
| 0.2. | Type (state any possible variants and versions: each variant and each version must be identified by a code consisting of numbers or a combination of letters and numbers) | : | XYKD260-2
Version 1: XYKD260-2L
Version 2: XYKD260-2R |
| 0.2.1. | Commercial name (where applicable) | : | KART |
| 0.3. | Means of type identification if stated on vehicle ^(b) | : | n.a. |
| 0.3.1. | Location of that means of identification | : | n.a. |
| 0.4. | Vehicle category ^(c) | : | L7e |
| 0.5. | Name and address of manufacturer | : | XINGYUE GROUP CO., LTD.
Gushan Town, Yongkang City,
321307, Zhejiang,
P.R.China |
| 0.5.1. | Name(s) and addresse(s) of assembly plants | : | ShangHai XingYue Power Machinery Co., Ltd
Pingqiao Village, Waxie Town,
Nanhui District, 201321, Shanghai
P.R.China |
| 0.6. | Name and address of manufacturer's authorised representative, if any | : | Not applicable |
| 0.7. | Location and method of affixing statutory inscriptions to the chassis | : | Statutory plate in the frame right side of right seating position by rivets and VIN number stamped on the right side of base plate |
| 0.7.1. | The serial numbering of the type begins with No | : | L4BAHNDC?56000000
The ninth character "?" means check number calculated automatically by VIN-print system, possible character including:
"0,1,2,3,4,5,6,7,8,9,X" |
| 0.8. | Position and method of affixing the component type-approval mark for components and separate technical units | : | Mark on the surface of the component and made by molding |



1. General arrangement of the vehicle

- | | | | |
|--------|---------------------------------------------|---|--------------------------------------------------------------------------------------------------|
| 1.1. | Photos and/or drawings of a typical vehicle | : | Version 1: Refer to drawing No. XYKD260-2-01-L
Version 2: Refer to drawing No. XYKD260-2-01-R |
| 1.2. | Dimensional drawing of the complete vehicle | : | Version 1: Refer to drawing No. XYKD260-2-01-L
Version 2: Refer to drawing No. XYKD260-2-01-R |
| 1.2.1. | Wheelbase | : | 1955mm |

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- | | | |
|--------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 1.3. | Number of axles and wheels (where appropriate, number of crawler tracks or belts) | : 2 axles / 4 wheels |
| 1.4. | Position and arrangement of engine | : in the middle of the main frame, cylinder horizontal longitude oriented |
| 1.5. | Number of seating positions | : 2 |
| 1.6. | Hand of drive – left or right ⁽¹⁾ | |
| 1.6.1. | Vehicle is equipped to be driven in right-hand or left hand rule of the road traffic ⁽¹⁾ | : Version1: right-hand
Version2: left-hand |

2. Masses (in kg) ⁽²⁾

- | | | |
|--------|--------------------------------------------------------------------------------------------------------|-------------------------------|
| 2.0. | Unladen mass ^{(d) (i)} | : 352kg ±15kg |
| 2.1. | Mass of vehicle in running order ⁽ⁱ⁾ | : 359kg ±15kg |
| 2.1.1. | Distribution of that mass between the axles | : Front: 124kg
Rear: 235kg |
| 2.2. | Mass of vehicle in running order , together with rider | : 434kg |
| 2.2.1. | Distribution of that mass between the axles | : Front: 162kg
Rear: 272kg |
| 2.3. | Maximum technically permissible mass declared by the manufacturer | : 509kg |
| 2.3.1. | Division of that mass between the axles | : Front: 192kg
Rear: 317kg |
| 2.3.2. | Maximum technically permissible mass on each of the axles | : Front: 192kg
Rear: 317kg |
| 2.4. | Maximum hill-starting ability at the maximum technically permissible mass declared by the manufacturer | : 25% |
| 2.5. | Maximum towable mass (where applicable) | : n.a. |
| 2.6. | Maximum mass of the combination | : n.a. |



3. Engine ^(e)

- | | | |
|------------|---------------------------------------------------------------|-----------------------------------|
| 3.0. | Manufacturer | : XINGYUE GROUP CO., LTD. |
| 3.1. | Make | : XINGYUE |
| 3.1.1. | Type (stated on the engine, or other means of identification) | : XY170MM |
| 3.1.2. | Location of engine number (if applicable) | : Right lower side of engine body |
| 3.2. | Spark- ignition engine ⁽¹⁾ | |
| 3.2.1. | Specific characteristics of the engine | |
| 3.2.1.1. | Operating cycle (four stroke, spark ignition) ⁽¹⁾ | : Four stroke, spark ignition |
| 3.2.1.2. | Number, arrangement and firing order of cylinders | : 1 cylinder, S, horizontal |
| 3.2.1.2.1. | Bore ^(f) | : 70mm |

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3.2.1.2.2.	Stroke ^(f)	:	66.8 mm
3.2.1.3.	Cylinder capacity ^(g)	:	257cm ³
3.2.1.4.	Compression ratio ⁽²⁾	:	9± 0.1: 1
3.2.1.5.	Drawings of cylinder head, piston(s), piston rings and cylinder(s)	:	Refer to drawing No. XYKD260-2-02, Refer to drawing No. XYKD260-2-03, Refer to drawing No. XYKD260-2-04, Refer to drawing No. XYKD260-2-05,
3.2.1.6.	Idling speed	:	1700±100 min ⁻¹
3.2.1.7.	Maximum net power output	:	11kW at 7000min ⁻¹
3.2.1.8.	Net maximum torque	:	17Nm at 5000min ⁻¹
3.2.2.	Fuel	:	Petrol
3.2.3.	Fuel tank	:	
3.2.3.1.	Maximum capacity ⁽²⁾	:	9.5L ± 0.1L
3.2.3.2.	Drawing of tank with indication of material used	:	Refer to drawing No.XYKD260-2-06
3.2.3.3.	Diagram clearly indicating the position of the tank on the vehicle	:	Refer to drawing No.XYKD260-2-07
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/æ ⁽¹⁾
3.2.4.1.1.	Make(s)	:	DENI
3.2.4.1.2.	Type(s)	:	PD30J
3.2.4.1.3.	Number fitted	:	1
3.2.4.1.4.	Settings ⁽²⁾	:	
	i.e. of	:	
3.2.4.1.4.1	Diffusers	:	Ø30 ^{+0.005} ₀ mm
3.2.4.1.4.2	Level in float chamber	:	18.5mm ± 1mm
3.2.4.1.4.3	Mass of float	:	7.2g± 0.2g
3.2.4.1.4.4	Float needle	:	Ø8 ^{+0.055} _{-0.08} mm
	or	:	
3.2.4.1.4.5	Fuel curve as a function of the air flow and setting required in order to maintain that curve	:	n.a.
3.2.4.1.5.	Cold-starting system ⁽¹⁾	:	automatic
3.2.4.1.5.1	Operating principle(s)	:	Enrich the air fuel mixture rate by using the electronic choke mechanism on the carburetor to assist the cold starting. The electronic choke is controlled by electricity from generator
3.2.4.2.	By fuel injection (solely in the case of compression ignition) (yes/no)	:	no
3.2.4.3.	By fuel injection (solely in the case of spark-ignition)	:	no
3.2.4.4.	Fuel pump	:	no



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3.2.5.	Electrical equipment	
3.2.5.1.	Nominal voltage	: 12V, negative earth ⁽¹⁾
3.2.5.2.	Generator	
3.2.5.2.1.	Type	: CFM260
3.2.5.2.2.	Nominal power	: 300 W
3.2.6.	Ignition	
3.2.6.1.	Make(s)	: XINGGUANG
3.2.6.2.	Type(s)	: FM
3.2.6.3.	Operating principle	: CDI
3.2.6.4.	Ignition advance curve or operating set point ⁽²⁾	: Refer to drawing No. XYKD260-2-08
3.2.6.5.	Static timing ⁽²⁾	: $13.5^{\circ} \pm 1^{\circ}$ degrees before TDC
3.2.6.6.	Points gap ⁽²⁾	: n.a.
3.2.6.7.	Dwell angle ⁽²⁾	: n.a.
3.2.6.8.	Anti-radio interference system	
3.2.6.8.1.	Terminology and drawing of anti-radio interference equipment	: By using the resistance to regulate the radio interference Refer to drawing No. XYKD260-2-09, Refer to drawing No. XYKD260-2-10
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	: Spark plug: $5k \pm 0.5 k \Omega$ Spark plug cap: $4.5k \Omega \sim 5.5k \Omega$
3.2.7.	Cooling system (liquid/air) ⁽¹⁾	liquid cooling
3.2.7.1.	Nominal setting for the engine-temperature control device	: 89°C
3.2.7.2.	Liquid	
3.2.7.2.1.	Nature of liquid	: Water + anti-freezed liquid
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	
3.2.8.1.	Supercharging	: no
3.2.8.1.1.	Make(s)	: n.a.
3.2.8.1.2.	Type(s)	: n.a.
3.2.8.1.3.	Description of system [example: maximum boost pressure in kPa, waste gate (where appropriate)]	: n.a.
3.2.8.2.	Intercooler	: without
3.2.8.3.	Description and drawings of induction pipework and accessories (plenum chamber, heating device, additional air intakes, etc.)	: Refer to drawing No. XYKD260-2-11

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3.2.8.3.1.	Description of induction manifold (with drawings and/or photos)	: Refer to drawing No XYKD260-2-12
3.2.8.3.2.	Air filter, drawings	: Refer to drawing No XYKD260-2-13
3.2.8.3.2.1.	Make(s)	: n.a.
3.2.8.3.2.2.	Type(s)	: n.a.
3.2.8.3.3.	Inlet silencer, drawings	: Refer to drawing No. XYKD260-2-13
3.2.8.3.3.1.	Make(s)	: n.a.
3.2.8.3.3.2.	Type(s)	: n.a.
3.2.9.	Exhaust system	
3.2.9.1.	Drawing of complete exhaust system	: Refer to drawing No XYKD260-2-14 Refer to drawing No XYKD260-2-15
3.2.10.	Minimum cross-section of the inlet and exhaust ports	: 706.8mm^2 at the inlet conduit 339.4mm^2 at the outlet of the exhaust
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	: Refer to drawing No. XYKD260-2-17
3.2.11.2.	Reference and/or setting ranges ⁽¹⁾	: n.a.
3.2.12.	Anti-air pollution measures adopted	
3.2.12.1.	Crankcase-gas recycling device, solely in the case of four-stroke engines (description and drawings)	: Refer to drawing No. XYKD260-2-18
3.2.12.2.	Additional anti-pollution devices (where present and not included under another heading)	: Catalytic converter in exhaust pipe and second air feed valve on muffler
3.2.12.2.1.	Description and/or drawings	: Refer to drawing No. XYKD260-2-14 Refer to drawing No. XYKD260-2-16
3.2.13.	Location of the coefficient of absorption symbol (compression-ignition engines only)	: n.a.
3.3.	Electric traction motor	
3.3.1.	Type (winding, excitation)	: n.a.
3.3.1.1.	Maximum continuous rated power ^(k)	: n.a.
3.3.1.2.	Operating voltage	: n.a.
3.3.2.	Battery	
3.3.2.1.	Number of cells	: n.a.
3.3.2.2.	Mass	: n.a.
3.3.2.3.	Capacity	: n.a.
3.3.2.4.	Location	: 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	



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- 3.5.1. Liquid cooling
- 3.5.1.1. Maximum temperature at outlet : 90°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 : Pressure spray
- 3.6.1.1. Location of oil reservoir (if any) : Inside the crankcase pump
- 3.6.1.2. Feed system (pump/injection into induction system/mixed with the fuel, etc.) ⁽¹⁾ : pump.
- 3.6.2. Lubricant mixed with the fuel
- 3.6.2.1. Percentage : n.a.
- 3.6.3. Oil cooler : no
- 3.6.3.1. Drawing(s) : n.a.
- or
- 3.6.3.1.1. Make(s) : n.a.
- 3.6.3.1.2. Type(s) : n.a.



4. Transmission ^(h)

- 4.1. Diagram of transmission system : refer to drawing No. XYKD260-2-19
- 4.2. Type (mechanical, hydraulic, electrical, etc.) : mechanical
- 4.3. Clutch (type) : Dry, automatic centrifugal type
- 4.4. Gearbox
- 4.4.1. Type : automatic
- 4.4.2. Method of selection : n.a.
- 4.5. Gear ratios

N		R1	R2	R3	Rt
Advance Gear	Min	1	0.8	12.44	9.952
	Max	1	2.6	12.44	32.344
Reverse Gear	Min	1	0.8	13.42	10.736
	Max	1	2.6	13.42	34.892
N gear ratio R1: CVT Transmission Ratio, from the crankshaft to the drive shaft R2: Engine Gear Reduction Ratio, from the drive shaft to the final shaft; R3: Transmission Ratio, from the engine final shaft to the rear wheel axle; Rt : Overall Transmission 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) ⁽ⁱ⁾ : 70km/h

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- 4.7. Speedometer
- 4.7.1. Make(s) : KBS
- 4.7.2. Type(s) : AIGU-01
- 4.7.3. Photographs and/or drawings of the complete system : Refer to drawing No.XYKD260-2-20
Refer to drawing No.XYKD260-2-21
- 4.7.4. Speed range displayed : 0~100km/h
- 4.7.5. Tolerance of the measuring mechanism of the speedometer : 0~+4km/h
- 4.7.6. Technical constant of the speedometer : 6.58rpm/degree
- 4.7.7. Method of operation and description of the drive mechanism : Electromagnetic induction
- 4.7.8. Overall transmission ratio of the drive mechanism : n.a
- 5. Suspension**
- 5.1. Drawing of suspension arrangement : Refer to drawing No. XYKD260-2-22
Refer to drawing No. XYKD260-2-23
Refer to drawing No. XYKD260-2-24
- 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 rims (standard type) : Tyre:
Front: 175/70-10 42N
Rear: 255/60-10 55N
Rim:
Front/ Rear: 5.5X10 / 8X10
- 5.2.1. Nominal rolling circumference : Front: 1660mm
Rear: 1630mm
- 5.2.2. Tyre pressures recommended by the manufacturer : Front: 150kPa
Rear: 150kPa
- 5.2.3. Tyre/wheel combinations : n.a.
- 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: 27
Rear: 44
- 5.2.6. Categories of use compatible for the vehicle : normal
- 6. Steering**
- 6.1. Steering gear and control
- 6.1.1. Type of gear : Steering gear and tire rod
- 6.1.2. Brief description of the electrical and/or electronic components used in the steering : n.a.



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system

7. Braking

- | | | |
|--------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 7.1. | Diagram of braking devices | : Refer to drawing No.XYKD260-2-25
Refer to drawing No.XYKD260-2-26 |
| 7.2. | Front disc brake ⁽¹⁾
Rear disc brakes ⁽¹⁾ | |
| 7.2.1. | Make(s) | : ChongQing Zhengling Braking Co., Ltd. |
| 7.2.2. | Type(s) | : Front disc: 346112010000
Rear disc: 345212000010 |
| 7.3. | Drawing of parts of the brake system | |
| 7.3.1. | Shoes and/or pads ⁽¹⁾ | : Refer to drawing No.XYKD260-2-27
Refer to drawing No.XYKD260-2-28 |
| 7.3.2. | Linings and/or pads (Indicate make, grade of material or identification mark) ⁽¹⁾ | : Refer to drawing No.XYKD260-2-27
Refer to drawing No.XYKD260-2-28 |
| 7.3.3. | Brake levers and/or pedals ⁽¹⁾ | : Refer to drawing No. XYKD260-2-25
Refer to drawing No. XYKD260-2-26 |
| 7.3.4. | Hydraulic reservoirs (where applicable) | : Refer to drawing No. XYKD260-2-29 |
| 7.4. | Other devices (where applicable) drawing and description | : Parking brake: refer to drawing No.XYKD260-2-26 |
| 7.5. | Brief description of the electrical and/or electronic components used in the braking system | : n.a. |

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) | : List below |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|



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Name	Make	Type	Quantity/color	Tell tale	Approval no.	Max. Intensity
Rear reflector	SHIJIN	SJ-F02	2/ red	n.a.	E4-3R-023257	n.a.
Front/Rear direction indicator	SHIJIN	SJ-XJTTUF	4/ amber	green	E4 50R-000695	n.a.
Stop lamp	SHIJIN	SJ-XJTCTL	2/ red	n.a.	E4 50R-0010933	n.a.
Rear position lamp	SHIJIN	SJ-XJTCTL	2/ red	n.a.	E4 50R-0010933	n.a.
Hazard Warning Device	SHIJIN	SJ-XJTTUF	4/ amber	green	E4 50R-000695	n.a.
Rear registration plate lamp	SHIJIN	SJ-P01	1/ white	n.a.	E4 50R-000774	n.a.
Driving lamp	SHIJIN	SJ-XJTCHL	2/ white	blue	C/R-BS PL E4 0010931	10000cd
Passing lamp	SHIJIN	SJ-XJTCHL	2/ white	n.a.	C/R-BS PL E4 0010931	n.a.
Front position lamp	SHIJIN	SJ-XJTFF	2/white	n.a.	E4 50R-0010931	n.a.

- 8.2. Diagram showing the location of the lighting and light-signalling devices : Refer to drawing No. XYKD260-2-30
- 8.3. Hazard warning lamps (where fitted) : Refer to drawing No. XYKD260-2-30
- 8.4. Additional requirements relating to special vehicles : n.a.
- 8.5. Brief description of the electrical and/or electronic components used in the lighting system and in the light-signalling system : n.a.

9. Equipment

- 9.1. Coupling devices (where applicable)
- 9.1.1. Type (hook/ring/other) ⁽¹⁾ : n.a.
- 9.1.2. Photograph and/or drawings showing the position and the construction of the coupling devices : 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 : Refer to drawing No.XYKD260-2-21
Refer to drawing No.XYKD260-2-31
- 9.3. Statutory inscriptions
- 9.3.1. Photographs and/or drawings showing the location of the statutory inscriptions and the chassis number : Refer to drawing No. XYKD260-2-32
- 9.3.2. Photographs and/or drawings showing the official part of the inscription (with statement of dimensions) : Refer to drawing No. XYKD260-2-32
- 9.3.3. Photographs and/or drawings of the chassis number (with statement of dimensions) : Refer to drawing No. XYKD260-2-32



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- 9.4. Device(s) to protect against unauthorised use
- 9.4.1. Type of device(s) : TYPE 1
- 9.4.2. Summary description of device(s) used : Steering lock,
refer to drawing No. XYKD260-2-36
- 9.5. Audible warning device(s)
- 9.5.1. Summary description of device(s) used and their purpose : Electro magnetic actuated diaphragm
- 9.5.2. Make(s) : LI XIANG
- 9.5.3. Type(s) : DL129
- 9.5.4. Type-approval mark : E4-000045
- 9.5.5. Drawing(s) showing the location of the audible warning device(s) in relation to the structure of the vehicle : Refer to drawing No. XYKD260-2-34
- 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 : Refer to drawing No. XYKD260-2-34
- 9.6. Location of rear registration plate (indicate variants where necessary; drawings may be used as appropriate) : Refer to drawing No. XYKD260-2-37
- 9.6.1. Inclination of plane in relation to the vertical : 25° facing upward

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
- 1.1.1. Length : 2690mm
- 1.1.2. Width : 1500mm
- 1.1.3. Unladen height : 1465mm
- 1.1.4. Front overhang : 458mm
- 1.1.5. Rear overhang : 277mm
- 1.1.6. Limit position for centre of gravity of bodied vehicle : n.a
- 1.2. Masses (d)
- 1.2.1. Maximum payload declared by manufacturer : 75kg
2. **Equipment**
- 2.1. Bodywork : n.a
- 2.2. Windscreen and other glazing : n.a
- 2.3. Windscreen wiper(s) : n.a
- 2.4. Windscreen washer(s) : n.a



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- 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: : YONGZHAO
- 2.6.2. Type-approval mark: : L E4 000085
- 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: : Refer to drawing No. XYKD260-2-35
- 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: : Refer to drawing No. XYKD260-2-35
- 2.7. Seats
- 2.7.1. Number: : 2
- 2.7.2. Location: : r1: 1L; 1R
- 2.7.3. Coordinates or drawing of the R point (j)
- 2.7.3.1. Driving seat: : Version 1:L, X: 1090, Y: 220, Z: 390
Version 2:R, X: 1090, Y: 220, Z: 390
- 2.7.3.2. Other seats: : Version 2:L, X: 1090, Y: 220, Z: 390
Version 1:R, X: 1090, Y: 220, Z: 390
- 2.7.4. Intended seat-back inclination : n.a.
- 2.7.4.1. Driving seat: : n.a.
- 2.7.4.2. Other seats: : n.a.
- 2.7.5. Seat adjustment range, where appropriate
- 2.7.5.1. Driving seat: : 130mm
- 2.7.5.2. Other seats: : 130mm
- 2.8. Passenger-compartment heating system (where applicable) : n.a
- 2.9. Safety belts : n.a.
- 2.10. Anchorages : n.a.



PART 2 SEPARATE DIRECTIVE APPROVAL NUMBERS

The following information shall be supplied on the vehicle to be type approved with regard to existing system, separate technical unit or component approvals ^(*):

Heading No	Separate Directive No	Subject	Approval No ⁽¹⁾	Extension date	Variants and versions covered
18	95/1/EC	Maximum torque and maximum net power of engine	N.A.	--	
19	97/24/EC (C7)	Anti-tampering measures for mopeds and motorcycles	N.A.	--	
20	97/24/EC (C6)	Fuel tank	N.A.	--	
25	95/1/EC	Maximum design speed of vehicle	N.A.	--	
26	93/93/EEC	Masses and dimensions	N.A.	--	
27	97/24/EC (C10)	Trailer coupling devices	N.A.	--	
28	97/24/EC (C5)	Anti-air pollution measures	N.A.	--	
29	97/24/EC (C1)	Tyres	Acc to ECE R75 refer to information part 1	--	
31	93/14/EEC	Braking system	N.A.	--	
32	93/92/EEC	Installation of lighting and light-signalling devices on the vehicle	N.A.	--	
33	97/24/EC (C2)	Lighting and light-signalling devices	Refer to Information part I	--	
34	93/30/EEC	Audible warning device	Refer to Information part I	--	
35	93/94/EC	Position for the mounting of rear registration plate	Refer to Information part I	--	
36	97/24/EC (C8)	Electromagnetic compatibility	N.A.	--	
37	97/24/EC (C9)	Sound level and exhaust system	N.A.	--	
38	97/24/EC (C4)	Rear-view mirror(s)	Refer to Information part I	--	
39	97/24/EC (C3)	External projections	N.A.	--	
40	93/31/EEC	Stand (except in the case of vehicles having three or more wheels)	N.A.	--	
41	93/33/EEC	Devices to prevent unauthorised use of the vehicle	N.A.	--	
42	97/24/EC (12)	Windows; windscreen wipers; windscreen washers; and so on	N.A.	--	
43	93/32/EEC	Passenger hand-hold for two-wheel vehicles	N.A.	--	
44	97/24/EEC (C11)	Anchorage points for safety belts and safety belts	N.A.	--	
45	2000/7/EC	Speedometer	N.A.	--	
46	93/29/EEC	Identification of controls, tell-tales and indicators	N.A.	--	
47	93/34/EEC	Statutory inscriptions	N.A.	--	



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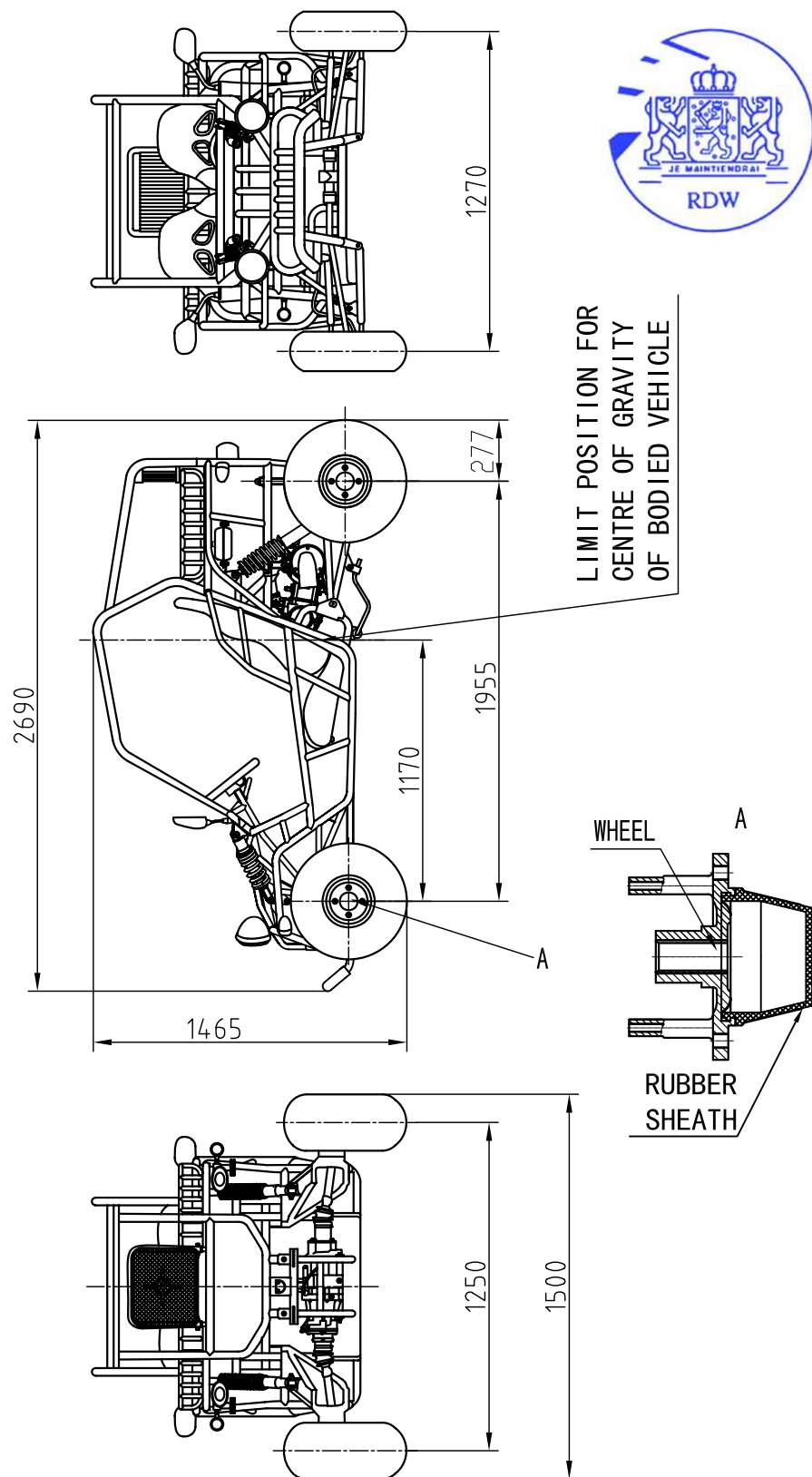
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VEHICLE TYPE	XYKD260-2
WHOLE VEHICLE-DIMENSION (L)	
DRAWING NO.	XYKD260-2-01-L



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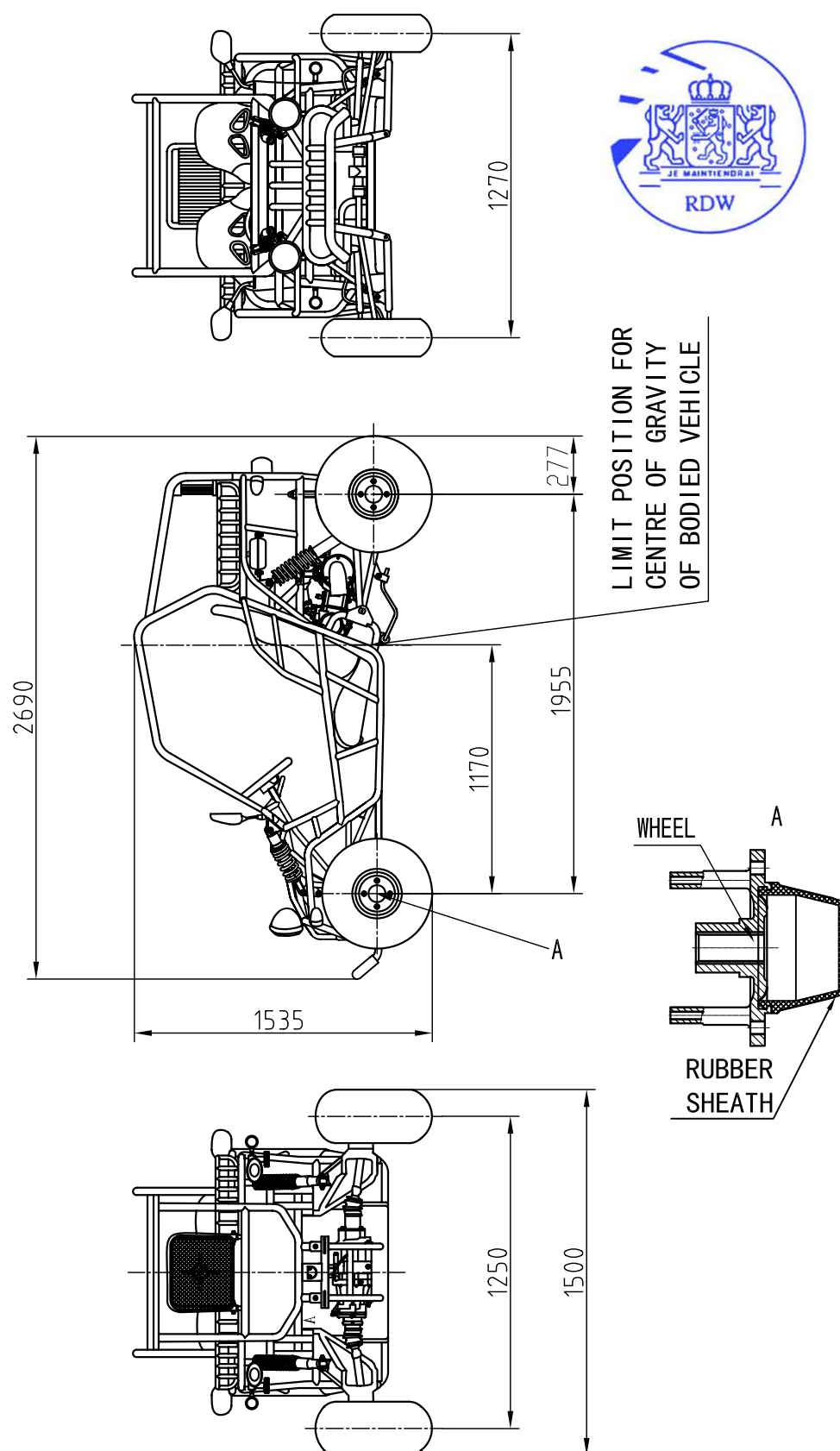
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VEHICLE TYPE	XYKD260-2
WHOLE VEHICLE-DIMENSION(R)	
DRAWING NO.	XYKD260-2-01-R



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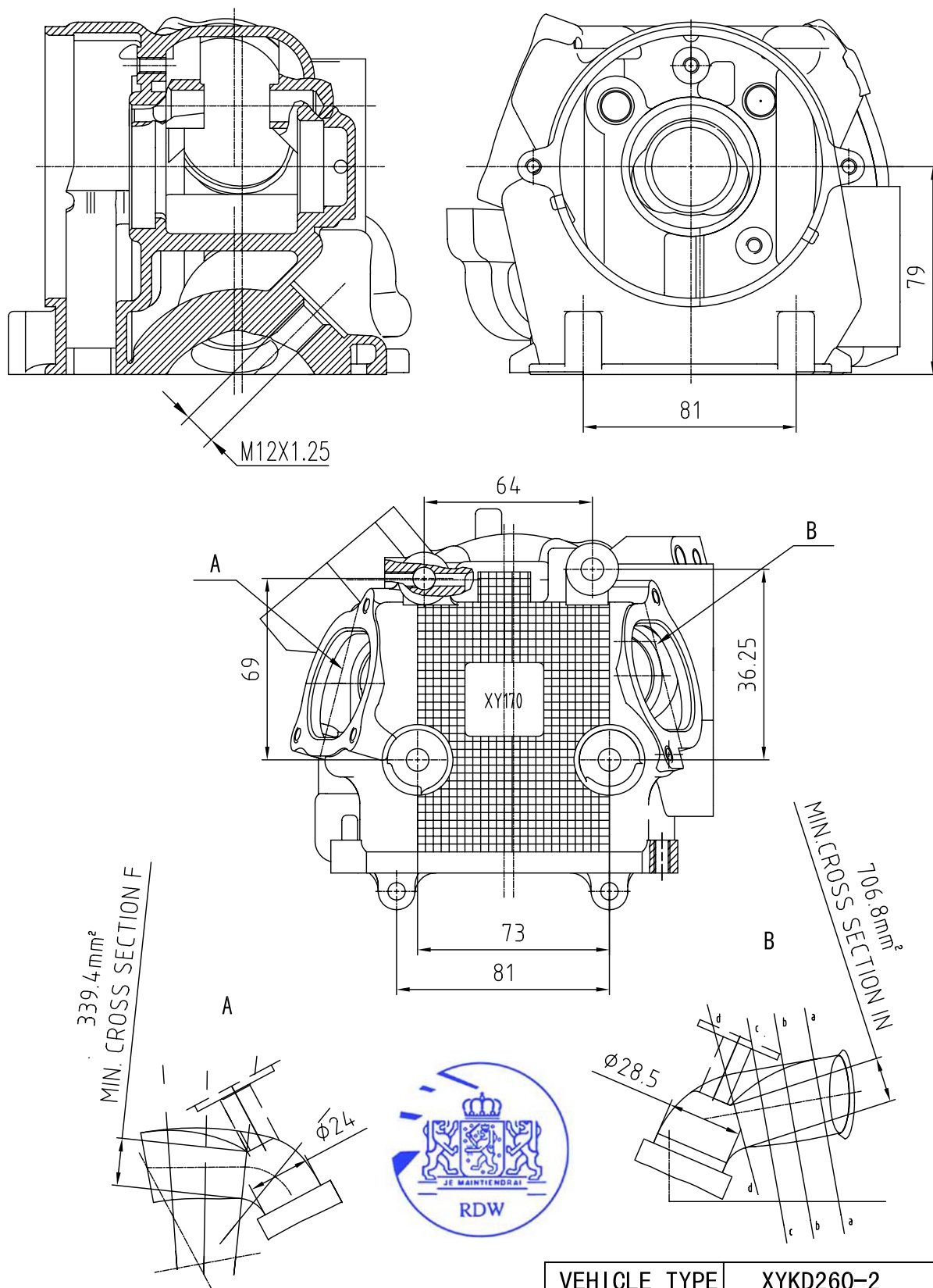
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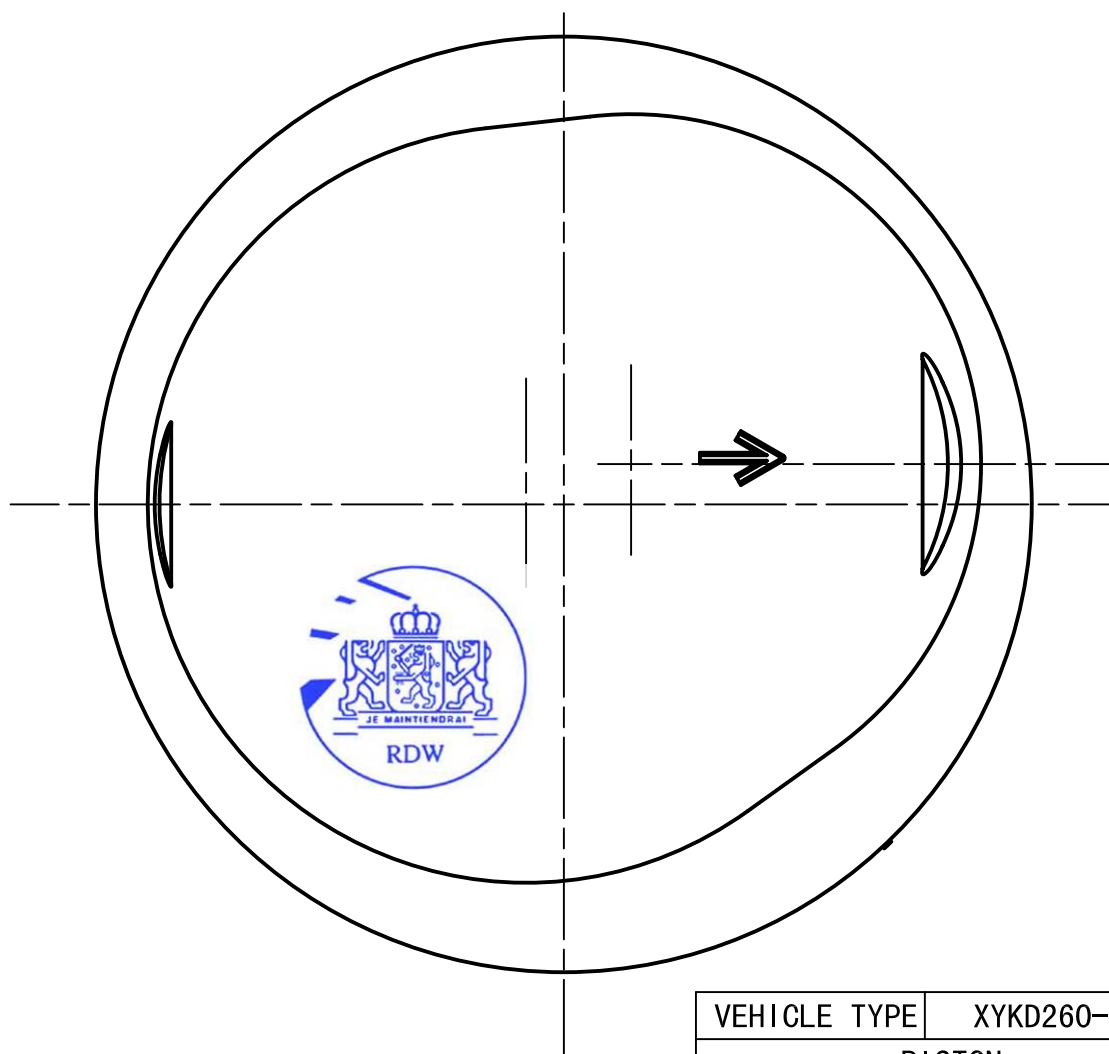
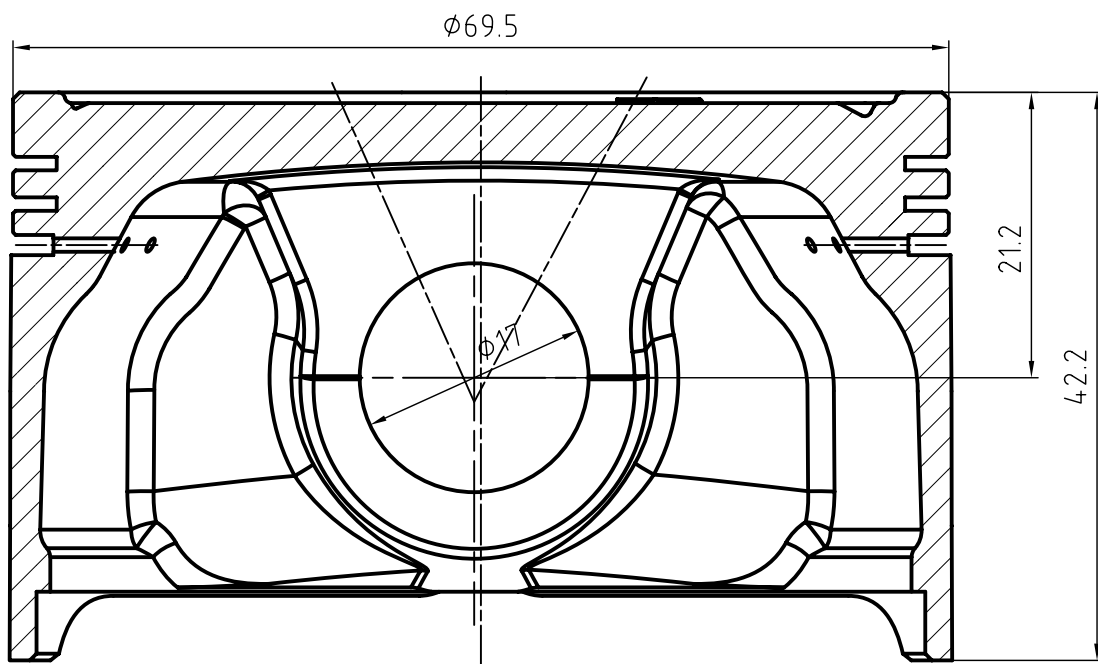
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VEHICLE TYPE	XYKD260-2
PISTON	
DRAWING NO.	XYKD260-2-03



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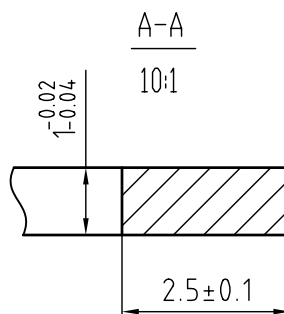
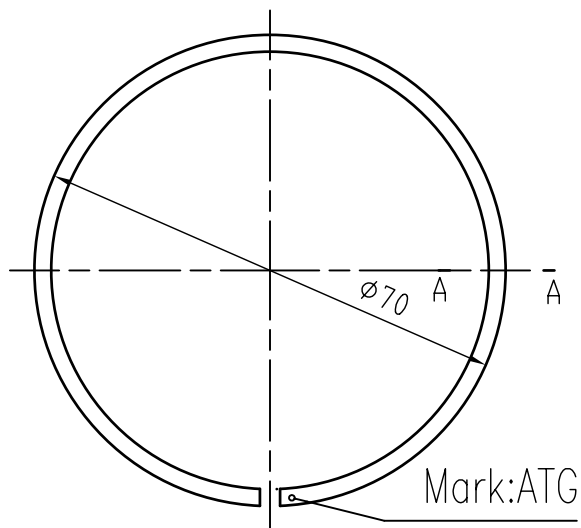
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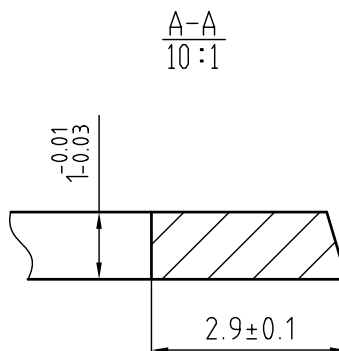
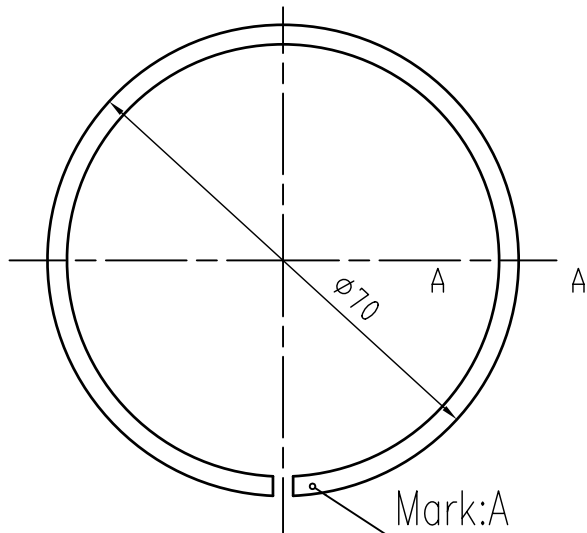
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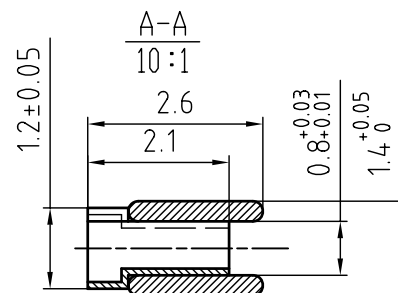
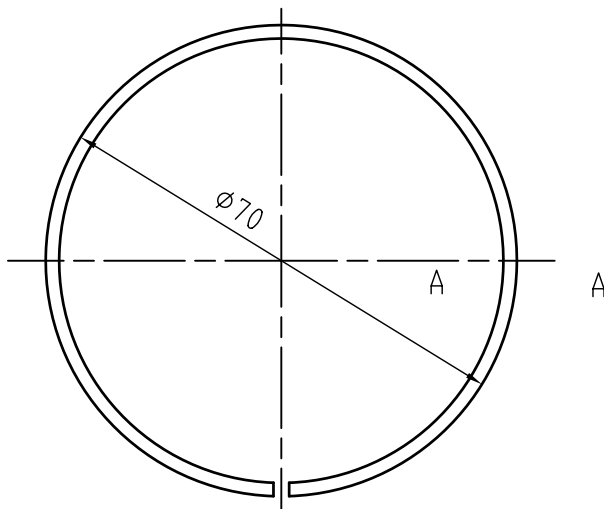
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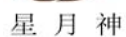
RING, PISTON 2ND



RING, PISTON OIL

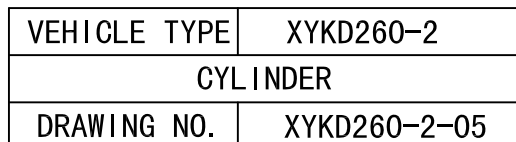


VEHICLE TYPE	XYKD260-2
RING	
DRAWING NO.	XYKD260-2-04



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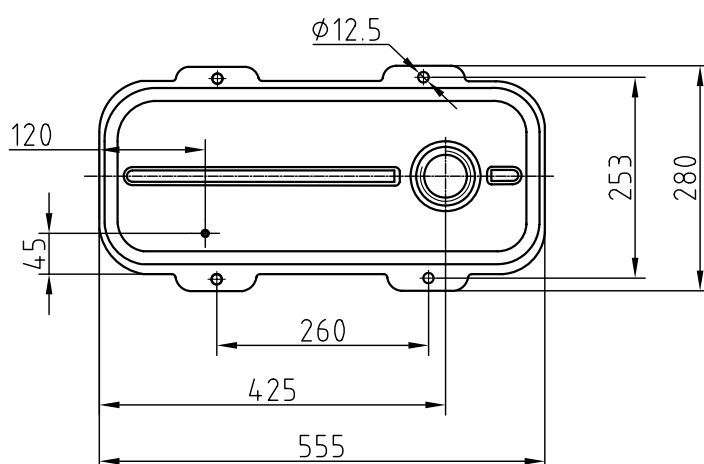
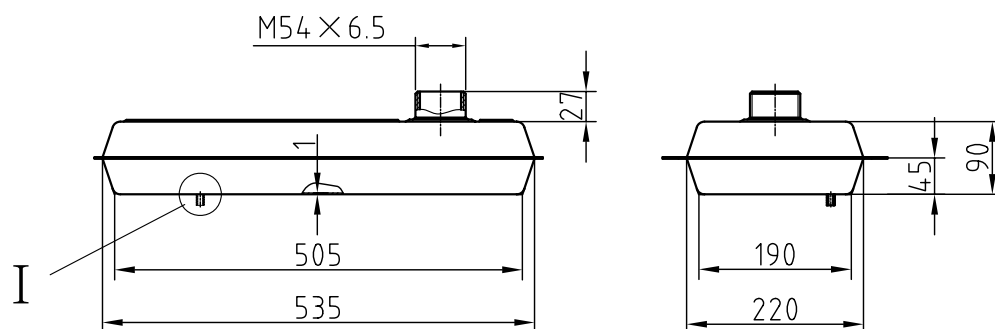
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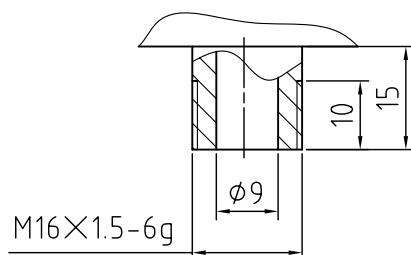
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I
10:1



MATERIAL: METAL PLATE

VEHICLE TYPE	XYKD260-2
FUEL TANK	
DRAWING NO.	XYKD260-2-06



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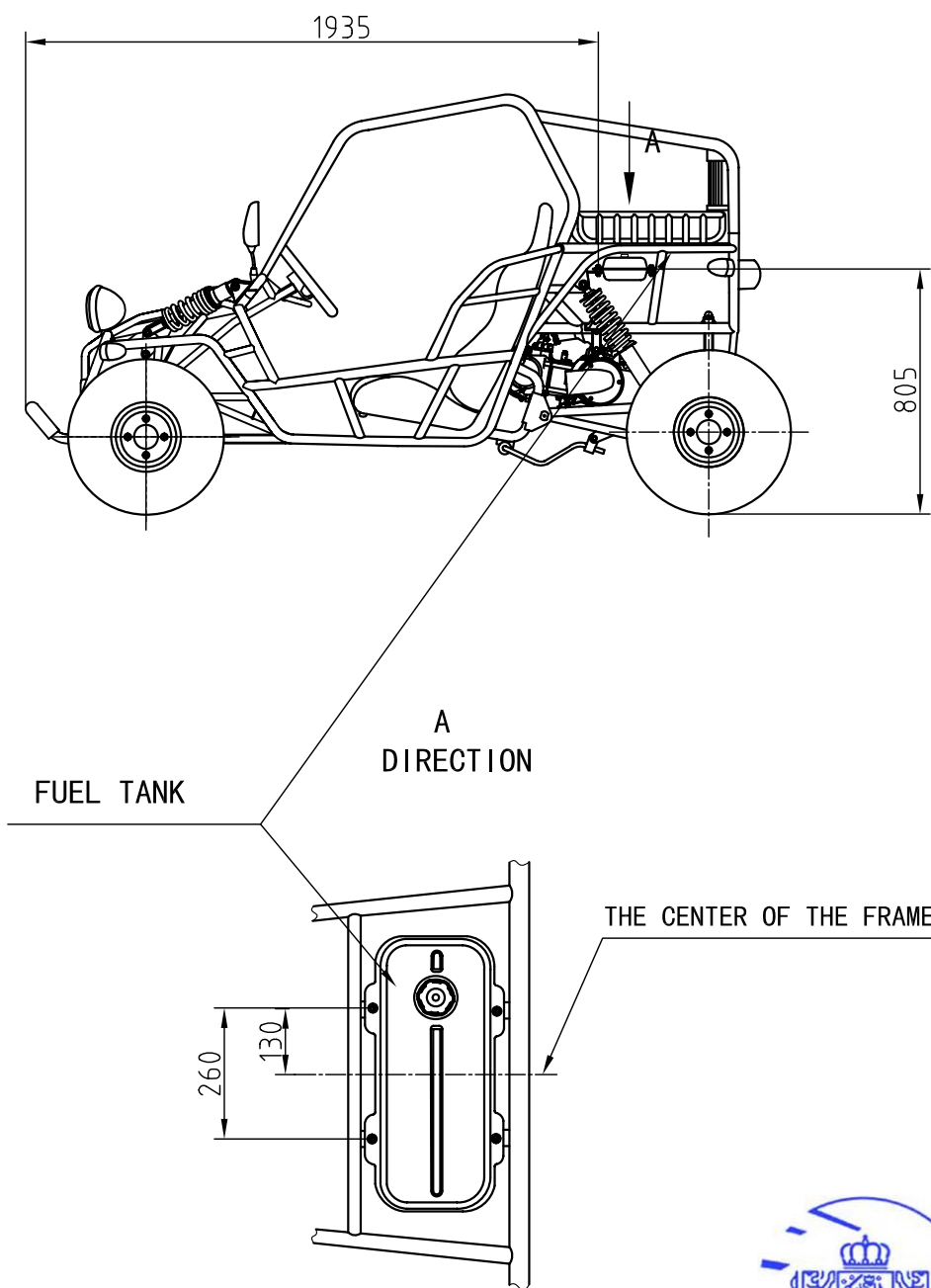
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VEHICLE TYPE	XYKD260-2
FUEL TANK INSTALLATION	
DRAWING NO.	XYKD260-2-07



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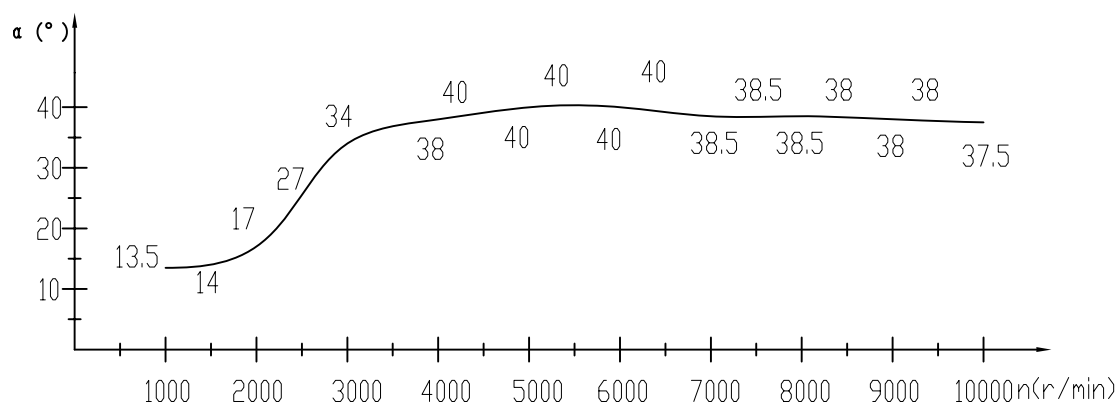
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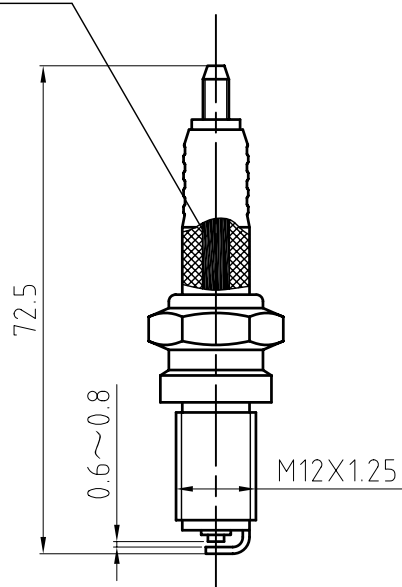
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VEHICLE TYPE	XYKD260-2
IGNITION ADVANCE CURVE	
DRAWING NO.	XYKD260-2-08



Resistance $5K \pm 0.5K \Omega$



VEHICLE TYPE	XYKD260-2
ANTI RADIATION-SPARK PLUG	
DRAWING NO.	XYKD260-2-09



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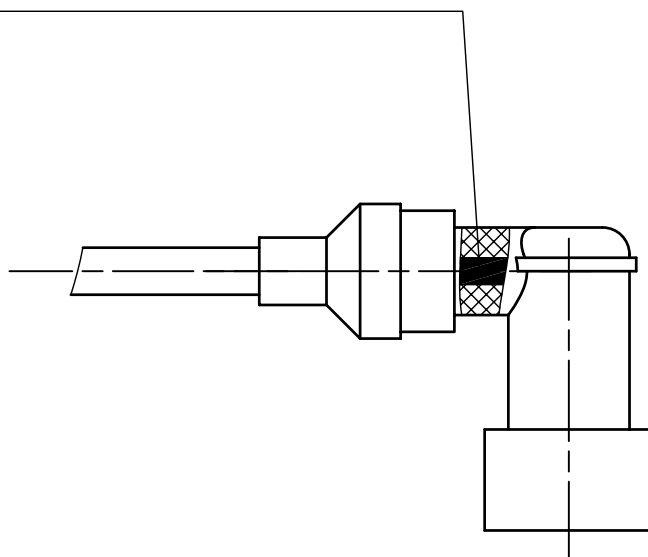
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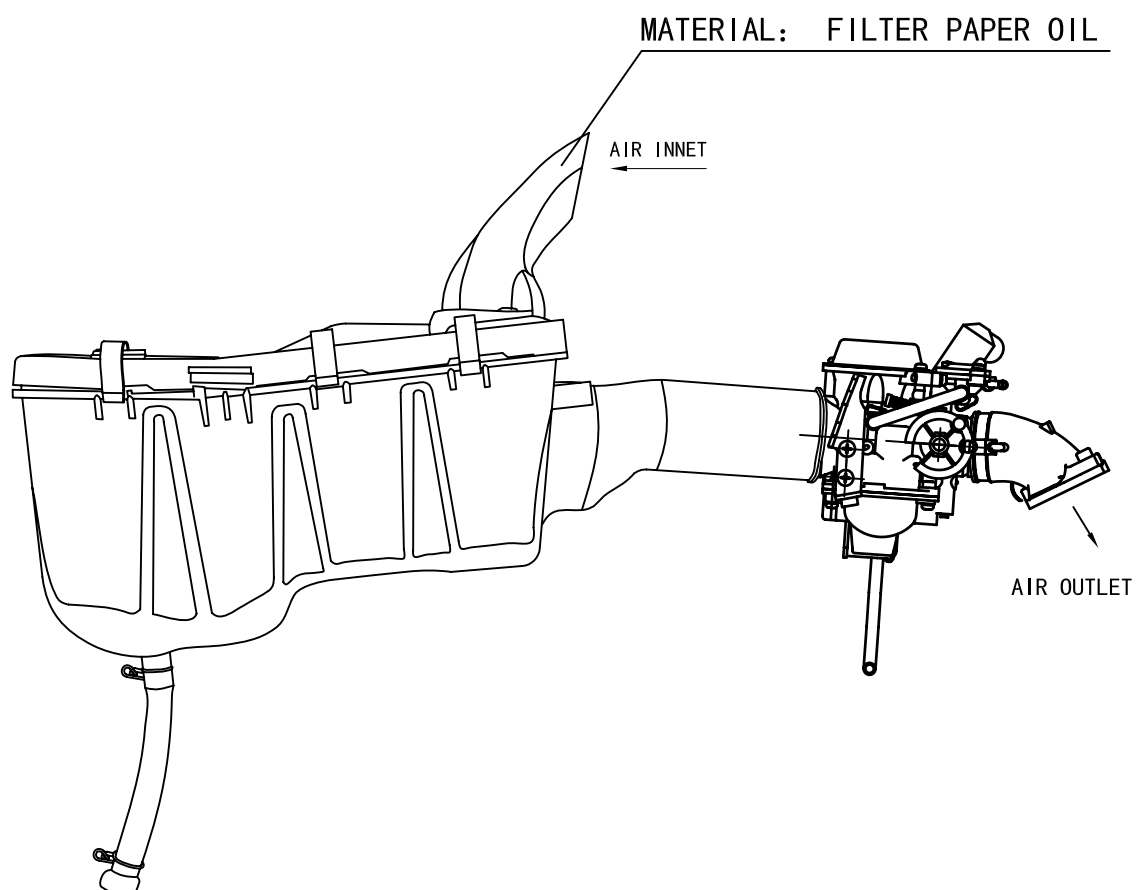
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Resistance $4.5K\Omega \sim 5.5K\Omega$



VEHICLE TYPE	XYKD260-2
ANTI RADIATION-HIGH VOLTAGE CAP	
DRAWING NO.	XYKD260-2-10



VEHICLE TYPE	XYKD260-2
INDUCTION SYSTEM	
DRAWING NO.	XYKD260-2-11



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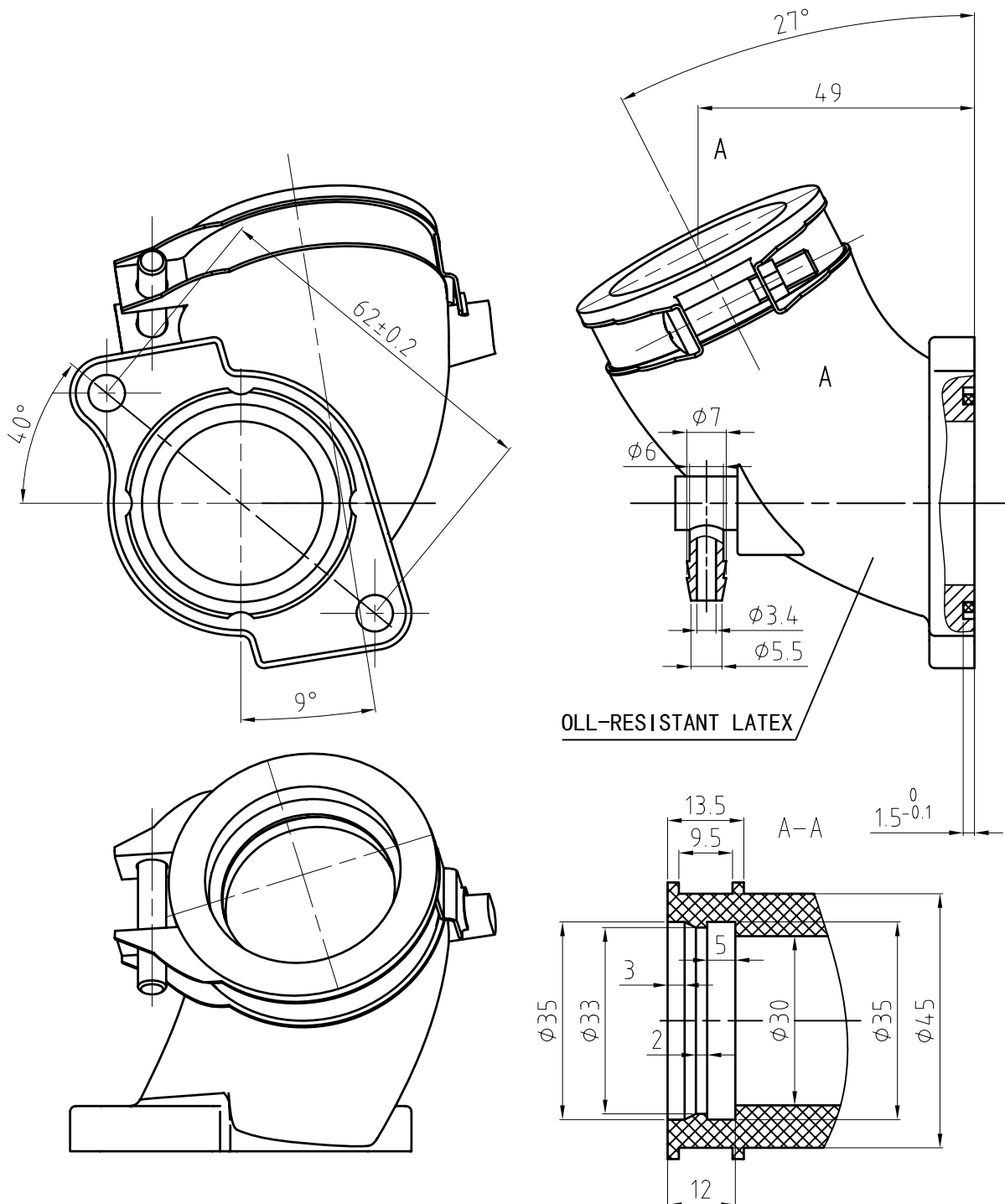
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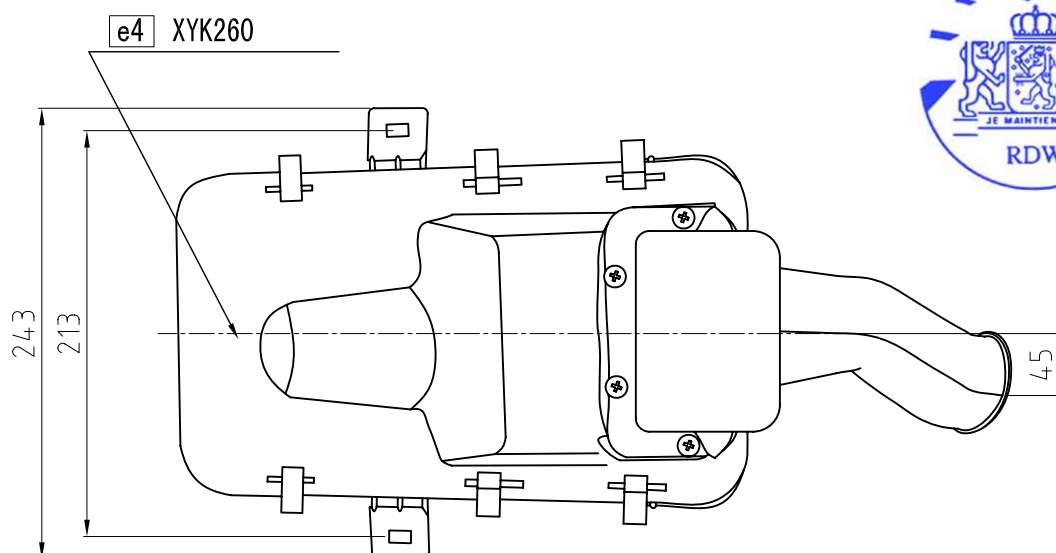
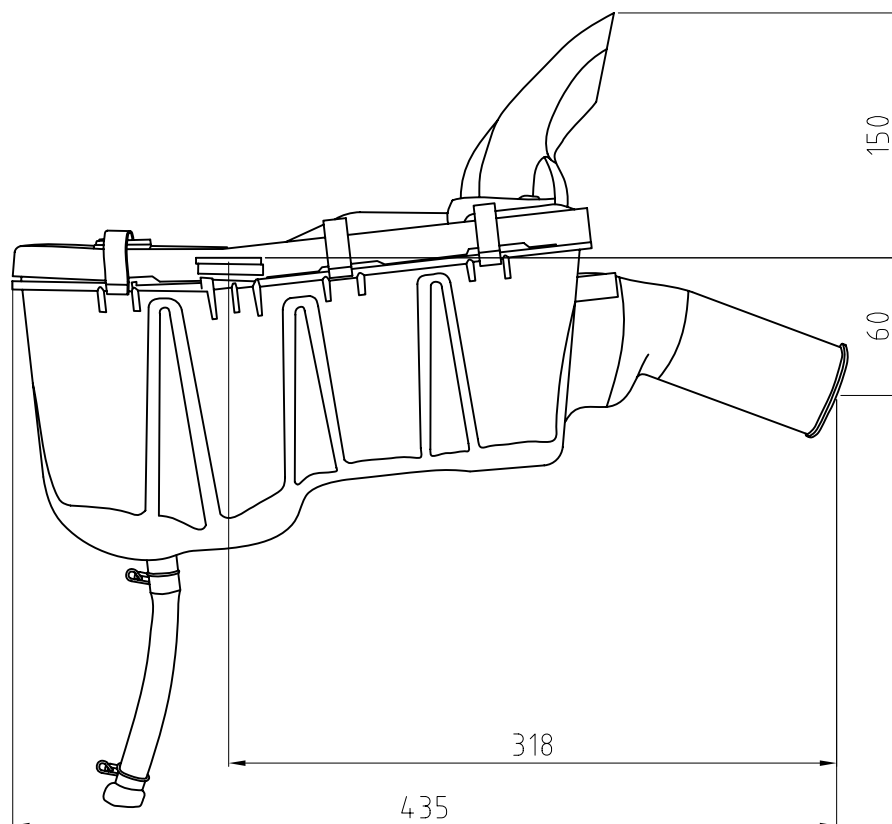


VEHICLE TYPE	XYKD260-2
INDUCTION MANIFOLD	
DRAWING NO.	XYKD260-2-12



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VEHICLE TYPE	XYKD260-2
AIR FILTER	
DRAWING NO.	XYKD260-2-13



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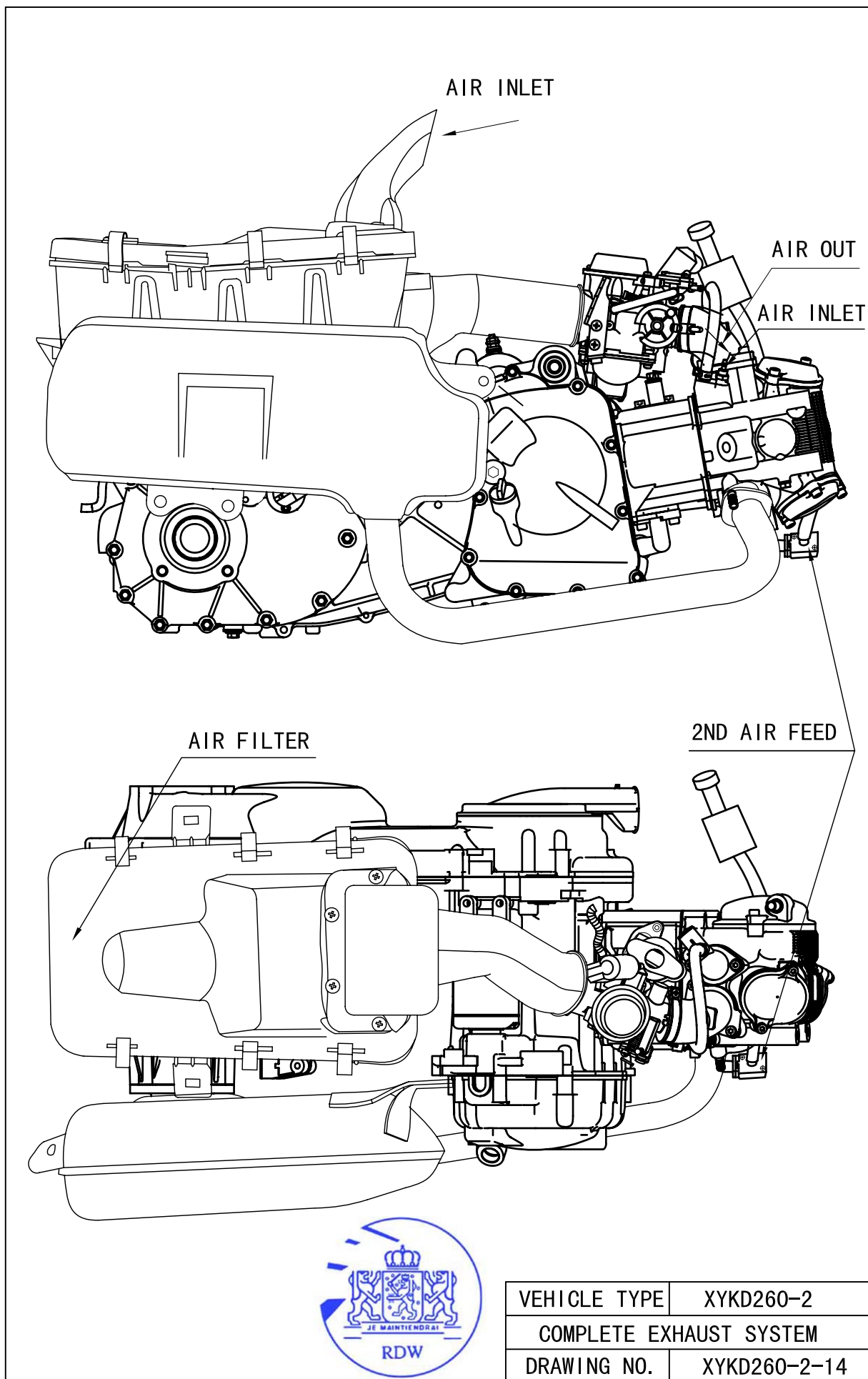
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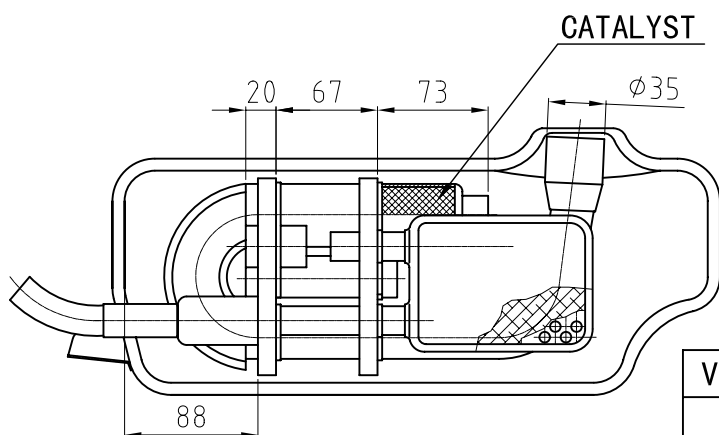
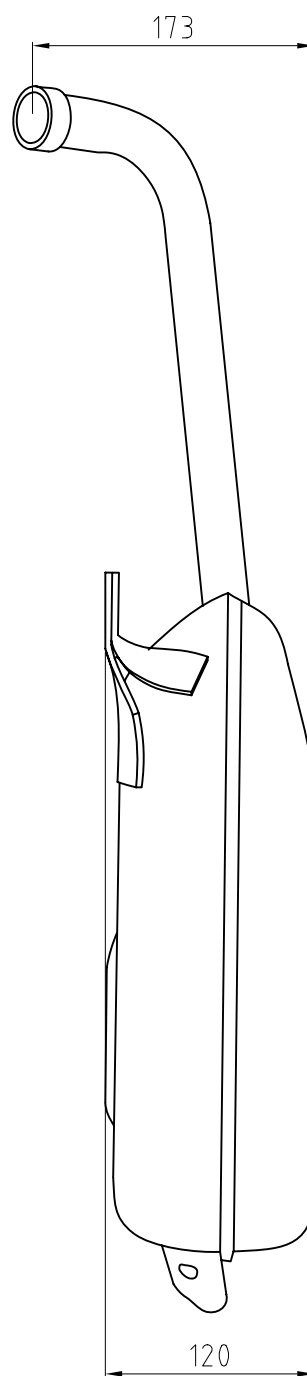


VEHICLE TYPE	XYKD260-2
COMPLETE EXHAUST SYSTEM	
DRAWING NO.	XYKD260-2-14



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VEHICLE TYPE	XYKD260-2
MUFFLER	
DRAWING NO.	XYKD260-2-15



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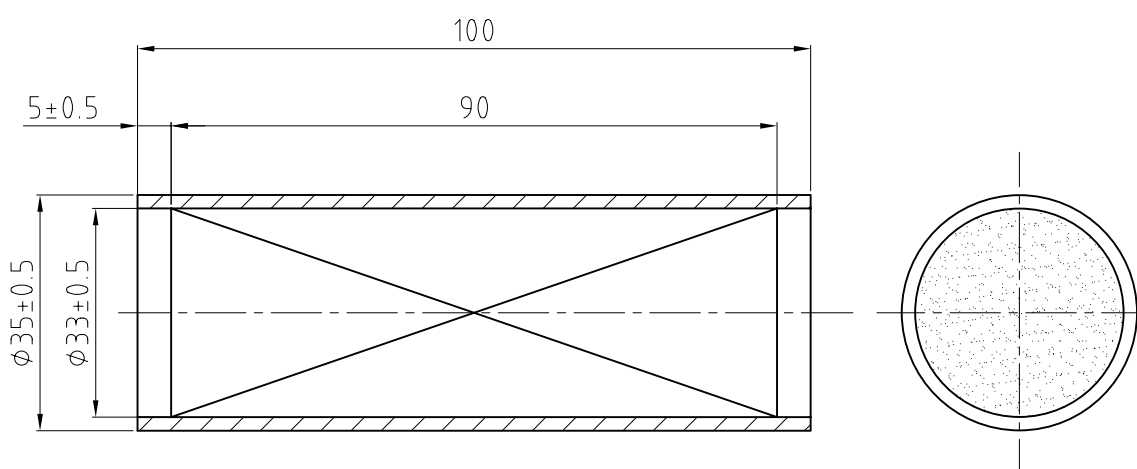
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5	NM RATIO	Pt/Rh=5/1
4	PART NO	3103 MC
3	VOLUME	0.0838 LITERS
2	MATRIX DIMENSIONS	33mm×90mm 100cps i
1	MONOLITH	(LYDS Technology)

VEHICLE TYPE	XYKD260-2
CATALYST	
DRAWING NO.	XYKD260-2-16



XINGYUE GROUP CO., LTD

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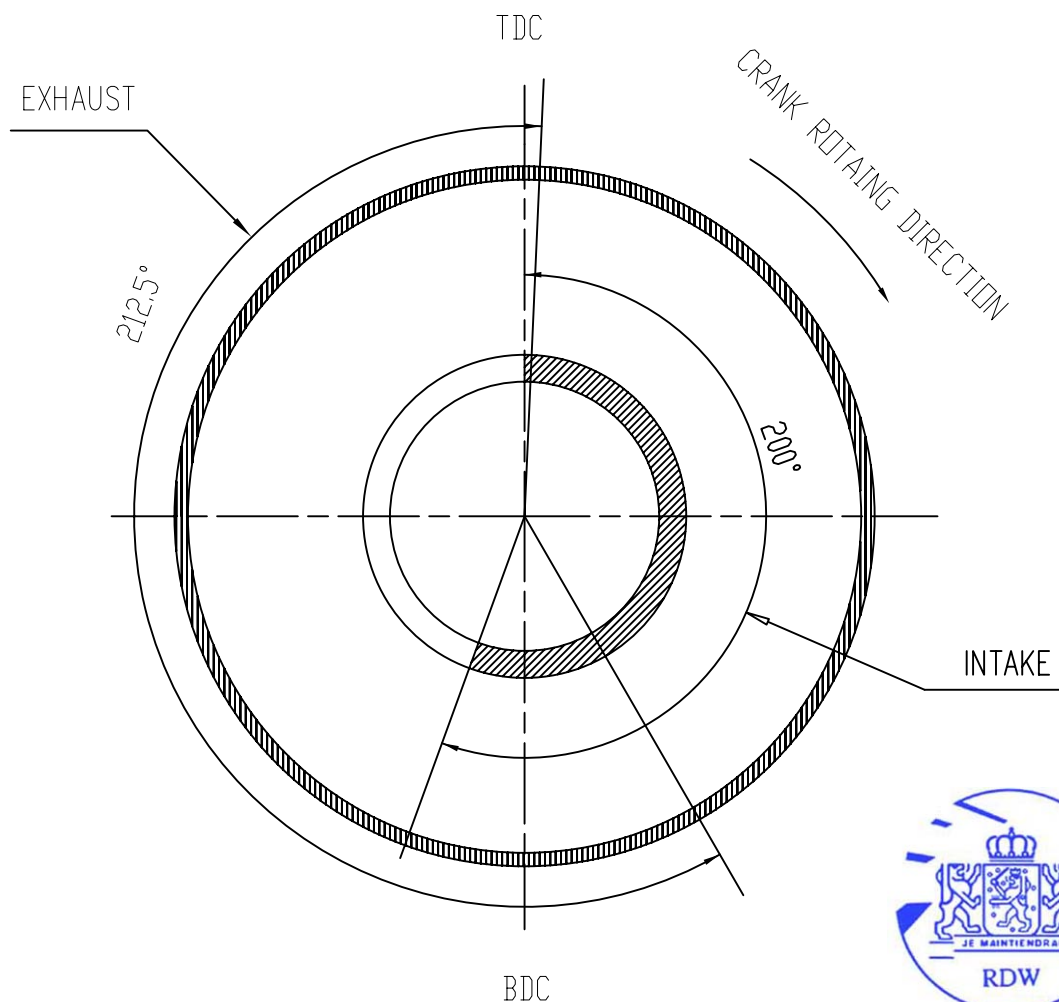
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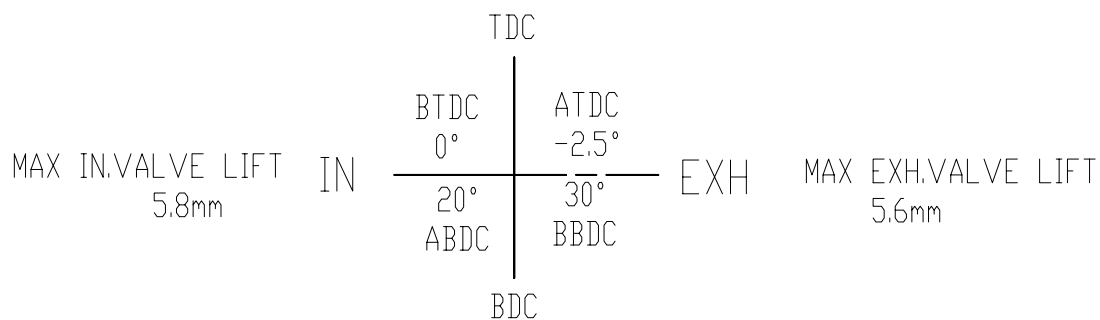
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TIMING DIAGRAM



TIMING DIAGRAM WHEN 1.05mm VALVE LIFT



VEHICLE TYPE	XYKD260-2
TIMING DIAGRAM	
DRAWING NO.	XYKD260-2-17



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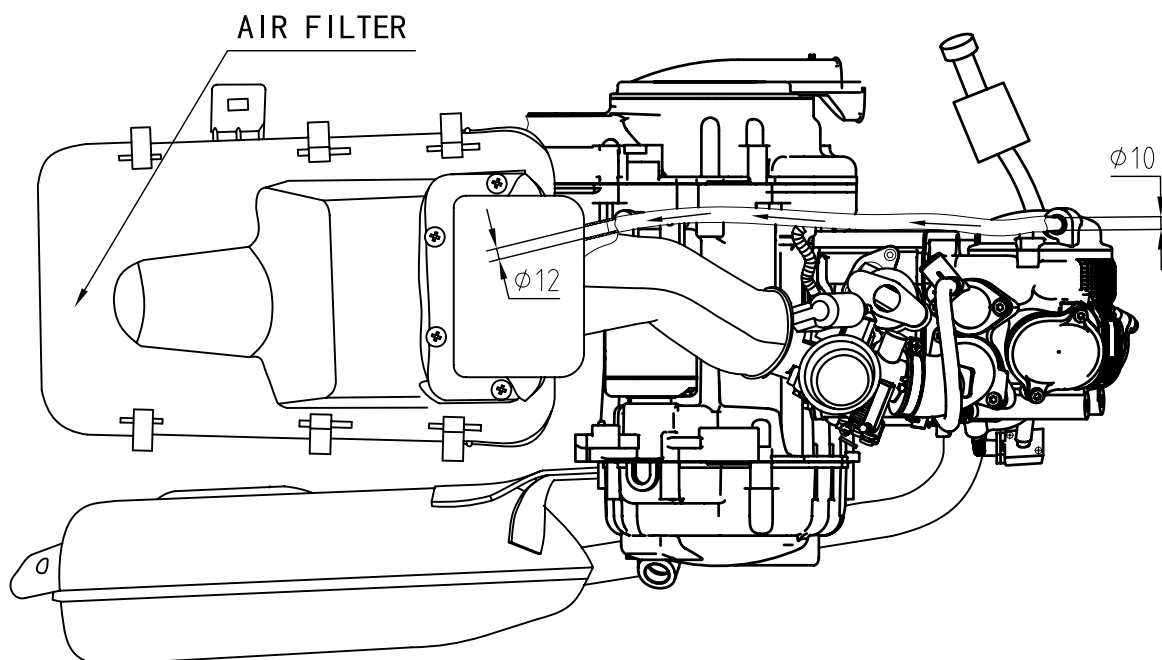
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VEHICLE TYPE	XYKD260-2
CRANKCASE GAS RECYCLING DEVICE	
DRAWING NO.	XYKD260-2-18



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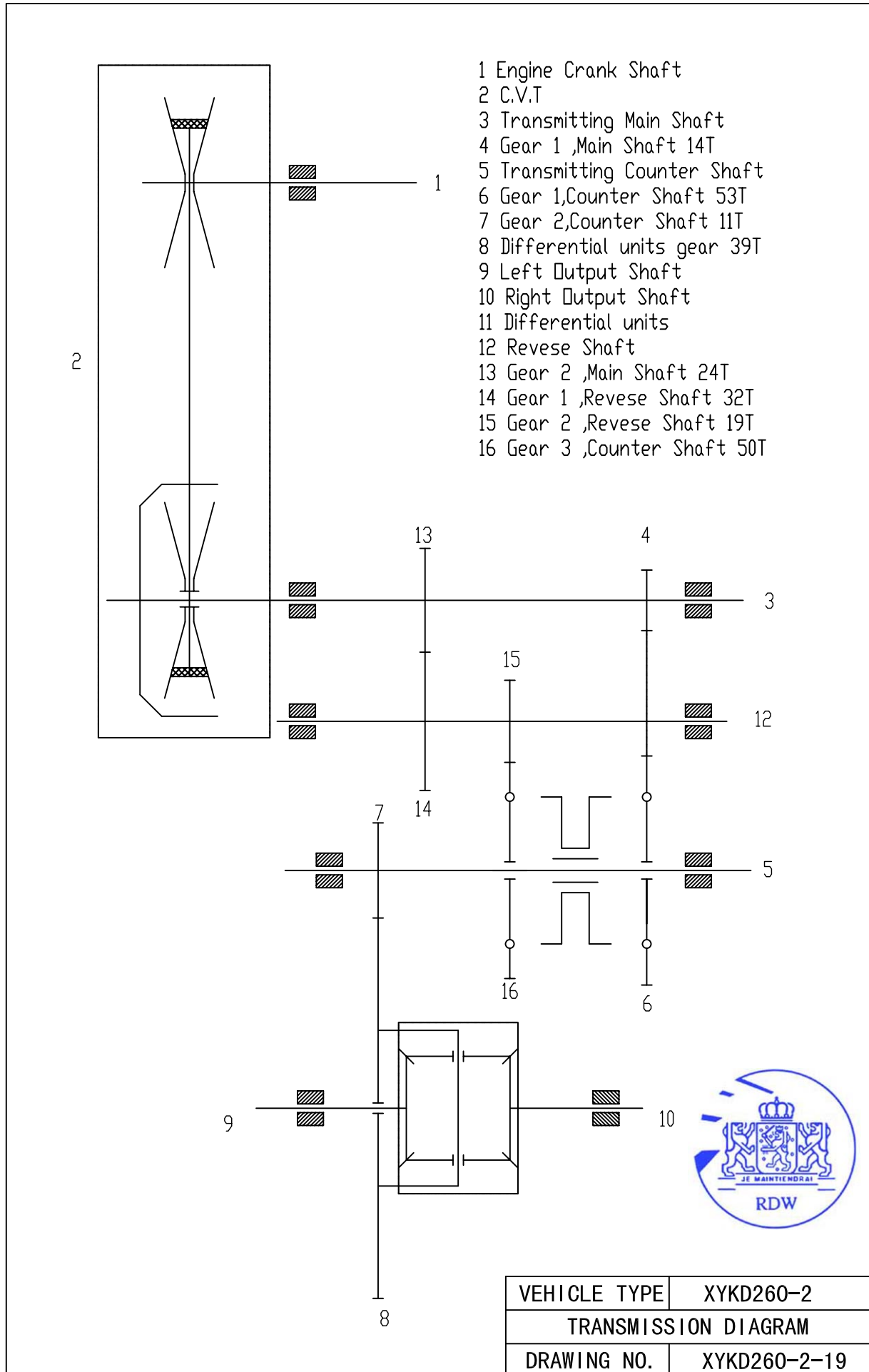
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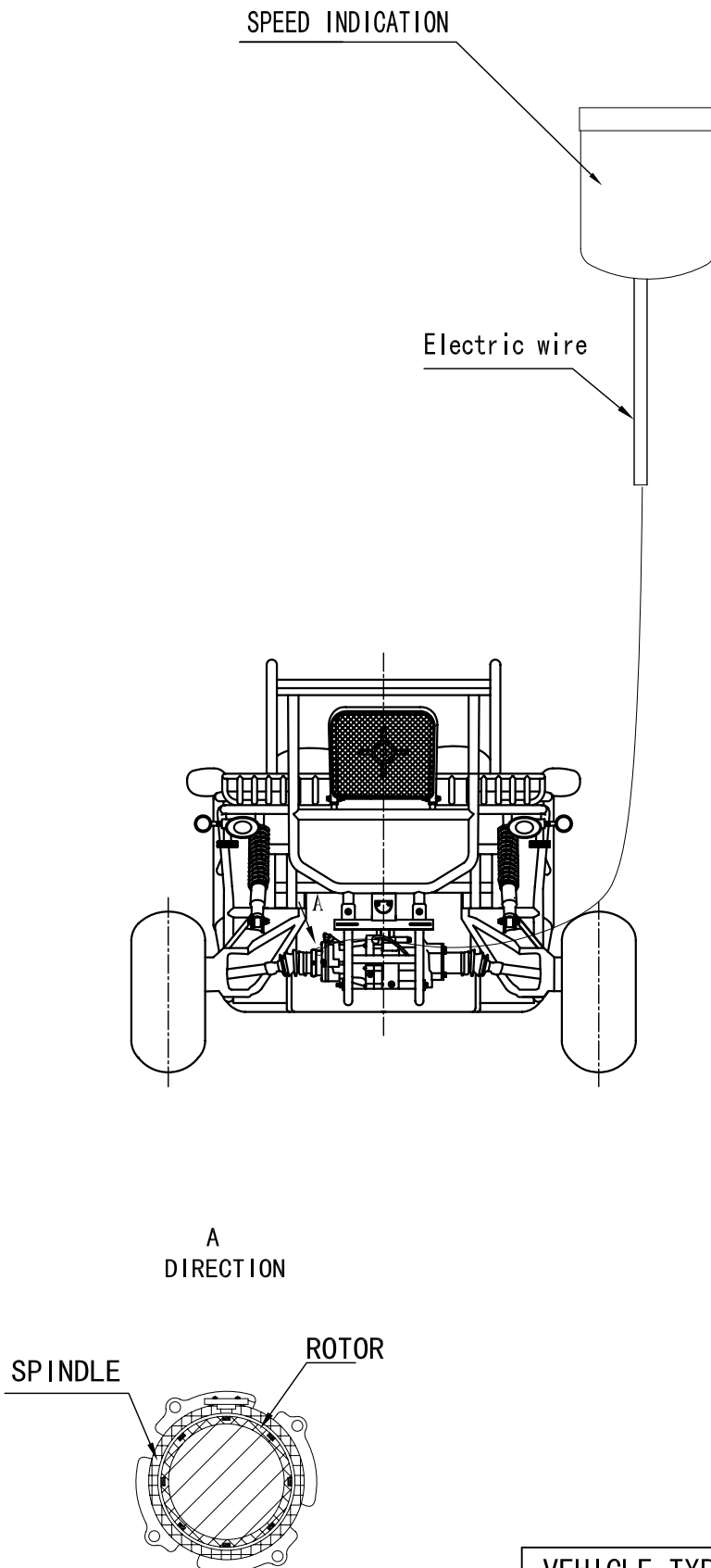
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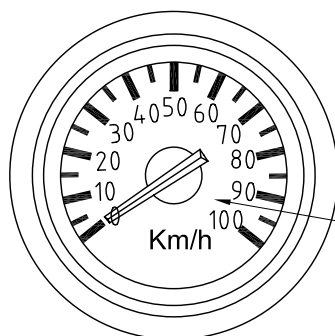
First Application

Issue Date: Oct 15, 2005

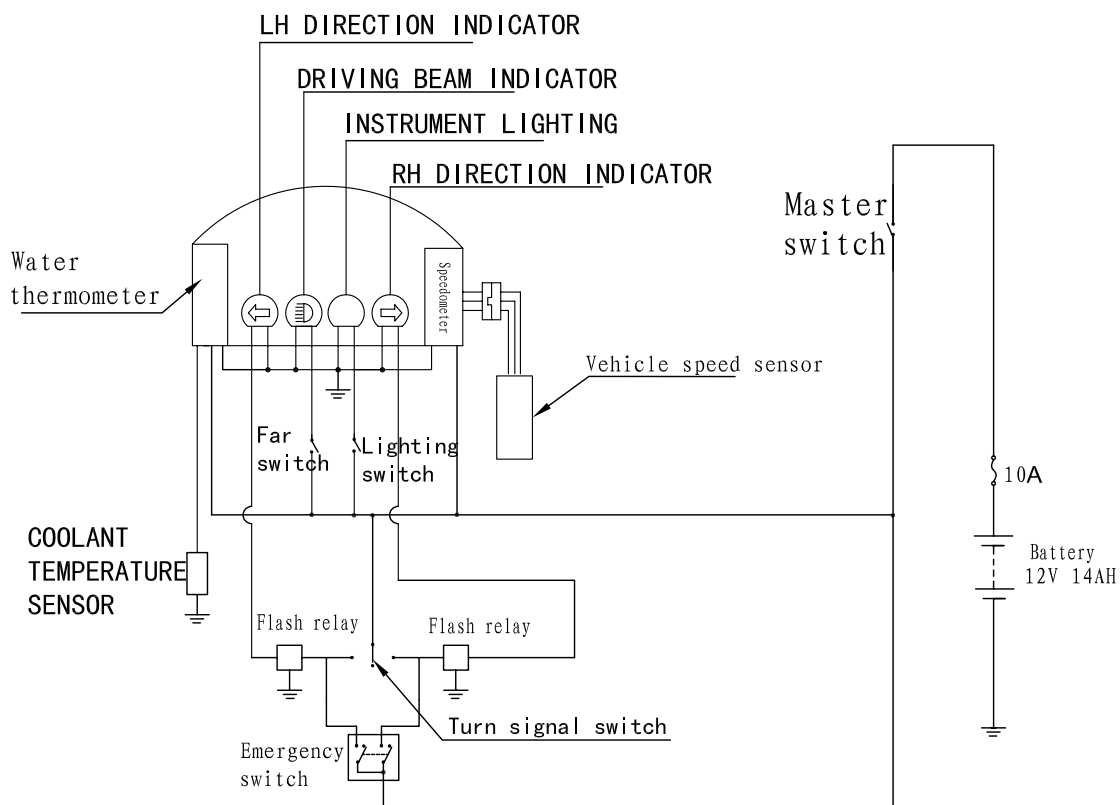
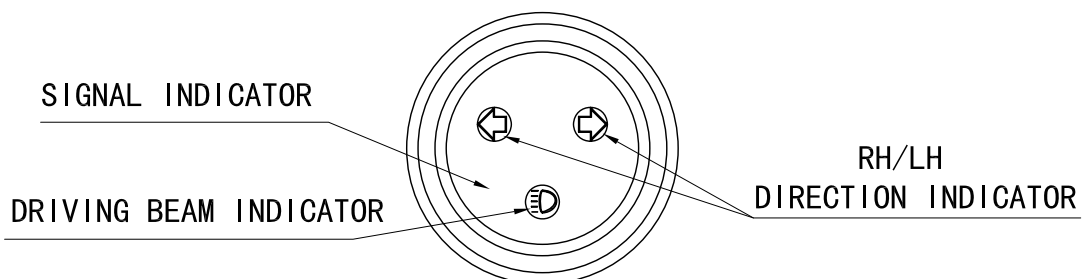




VEHICLE TYPE	XYKD260-2
SPEEDOMETER (1)	
DRAWING NO.	XYKD260-2-20



SPEED INDICATOR



VEHICLE TYPE	XYKD260-2
SPEEDOMETER (2)	
DRAWING NO.	XYKD260-2-21



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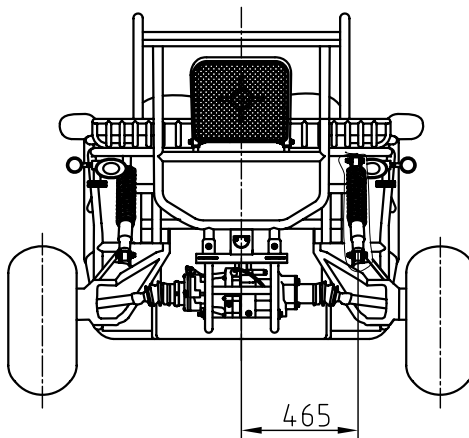
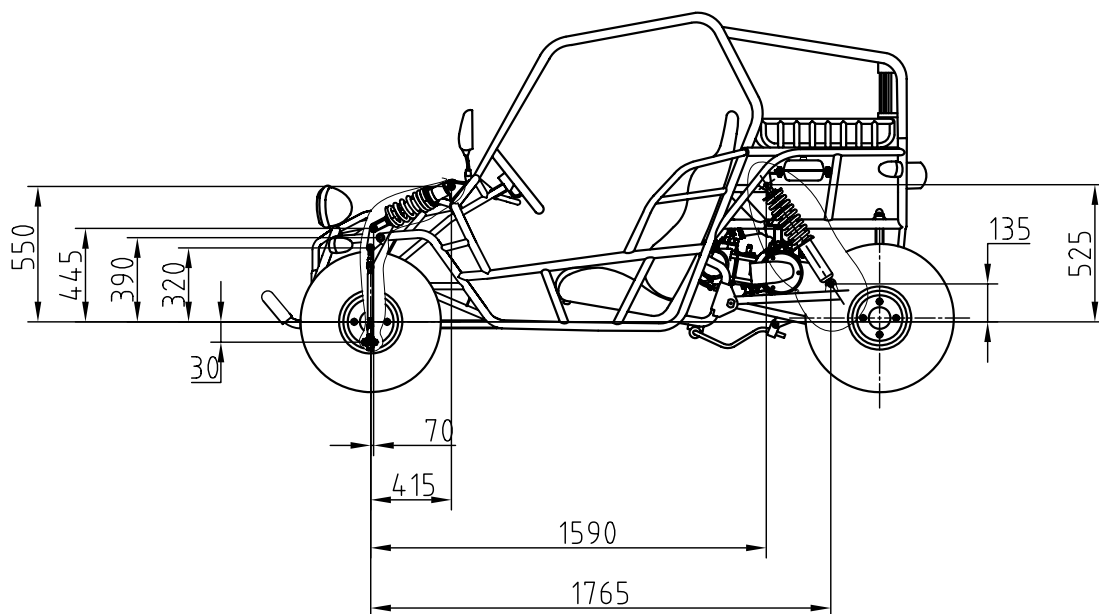
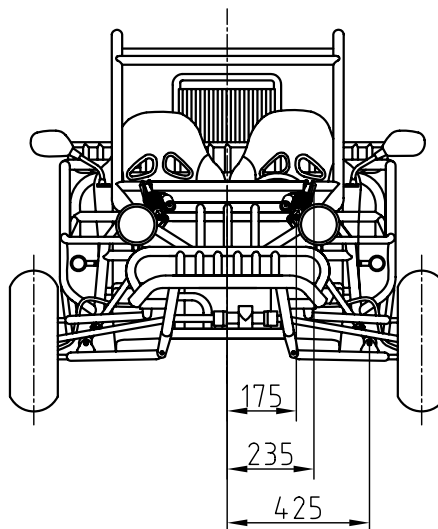
XINGYUE GROUP CO., LTD

Gushan Town, Yongkang City, Zhejiang, 321307

DOC. NO. : 2002/24-XYKD260-1-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-1
SUSPENSION	
DRAWING NO.	XYKD260-1-22



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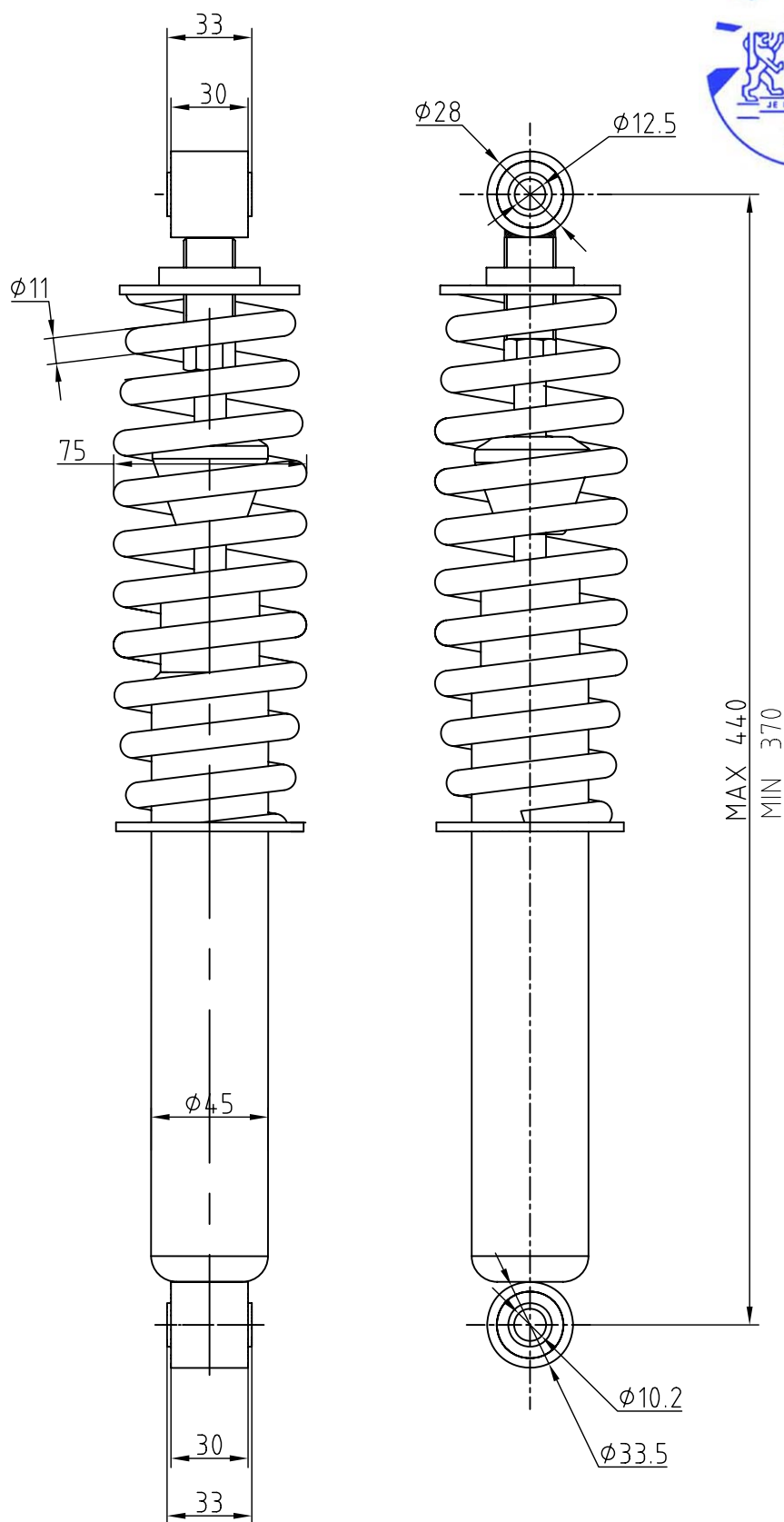
XINGYUE GROUP CO., LTD

Wushan Town, Yongkang City, Zhejiang, 321307

DOC. NO. : 2002/24-XYKD260-1-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-1
REAR CUSHION	
DRAWING NO.	XYKD260-1-23

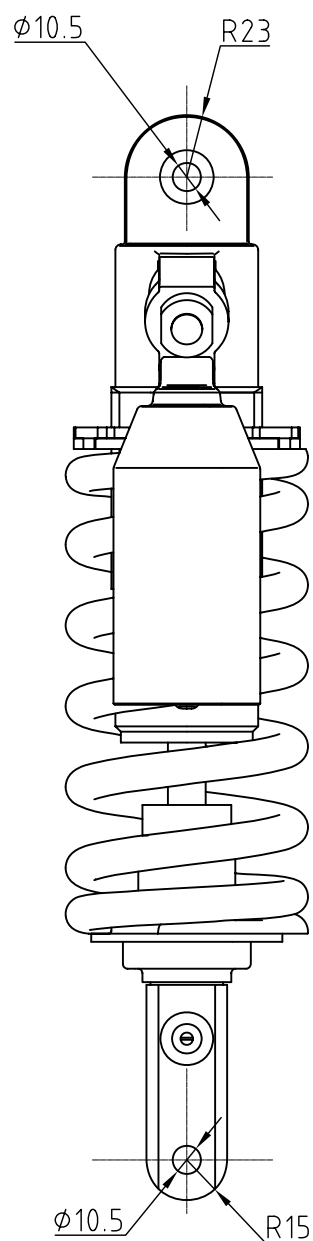
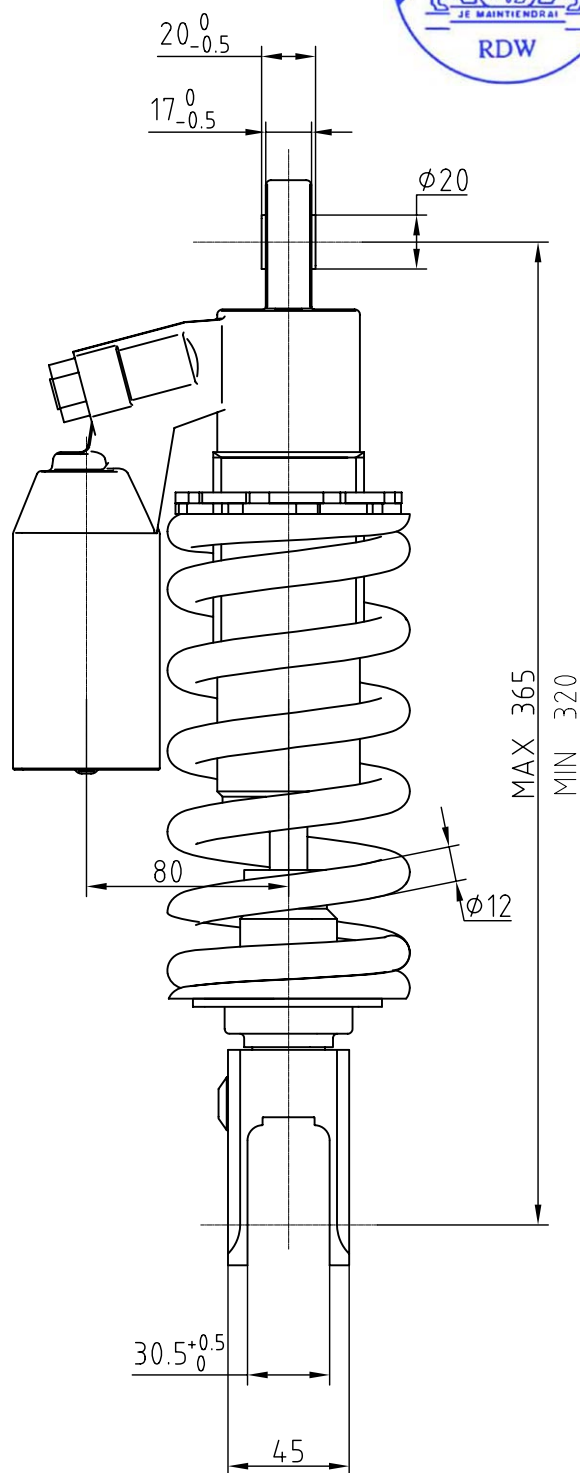


INGYUE GROUP CO., LTD
Jushan Town, Yongkang City, Zhejiang, 321307
星月神 R. China

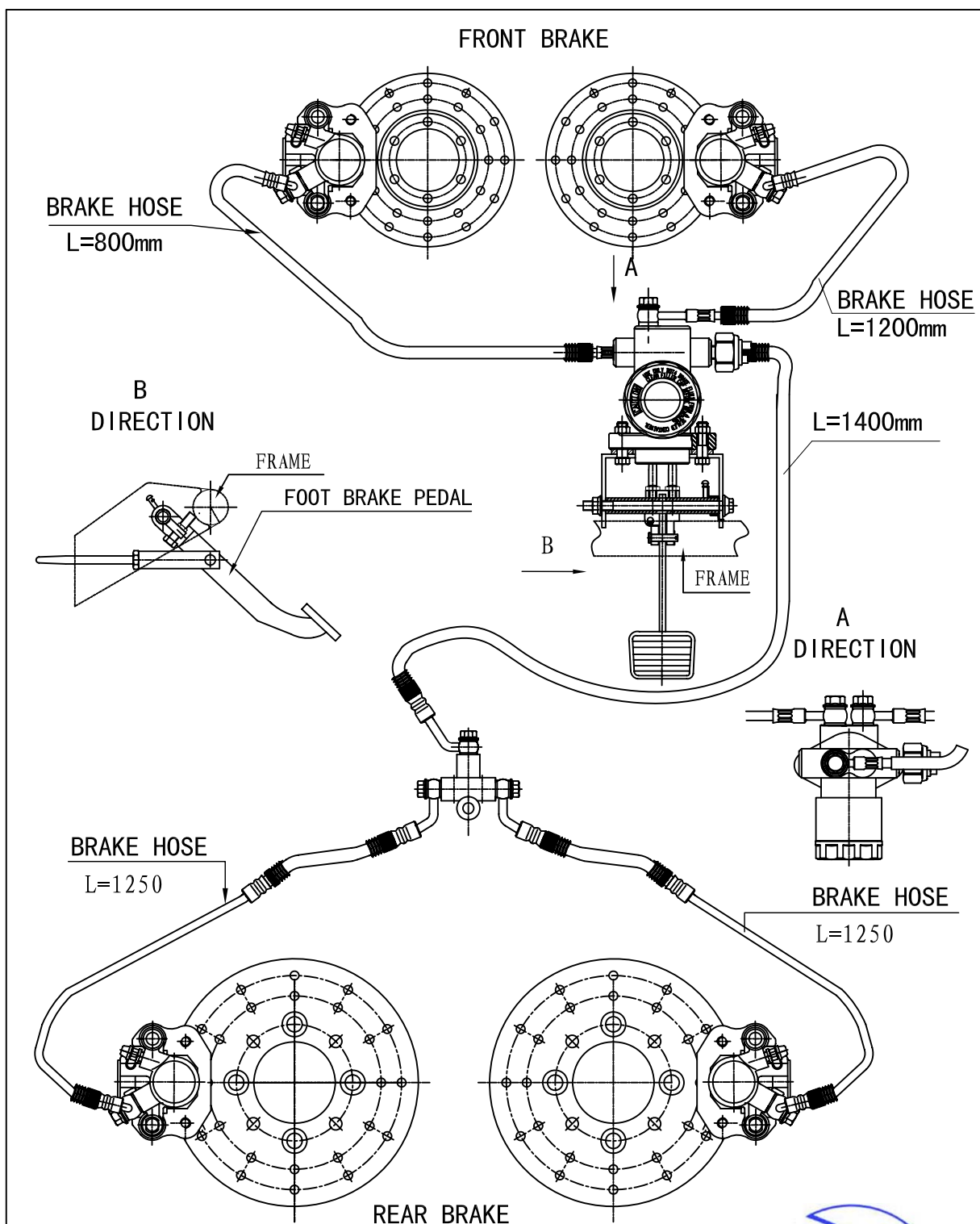
DOC. NO. : 2002/24-XYKD260-1-00

First Application

Issue Date: Oct 15, 2005



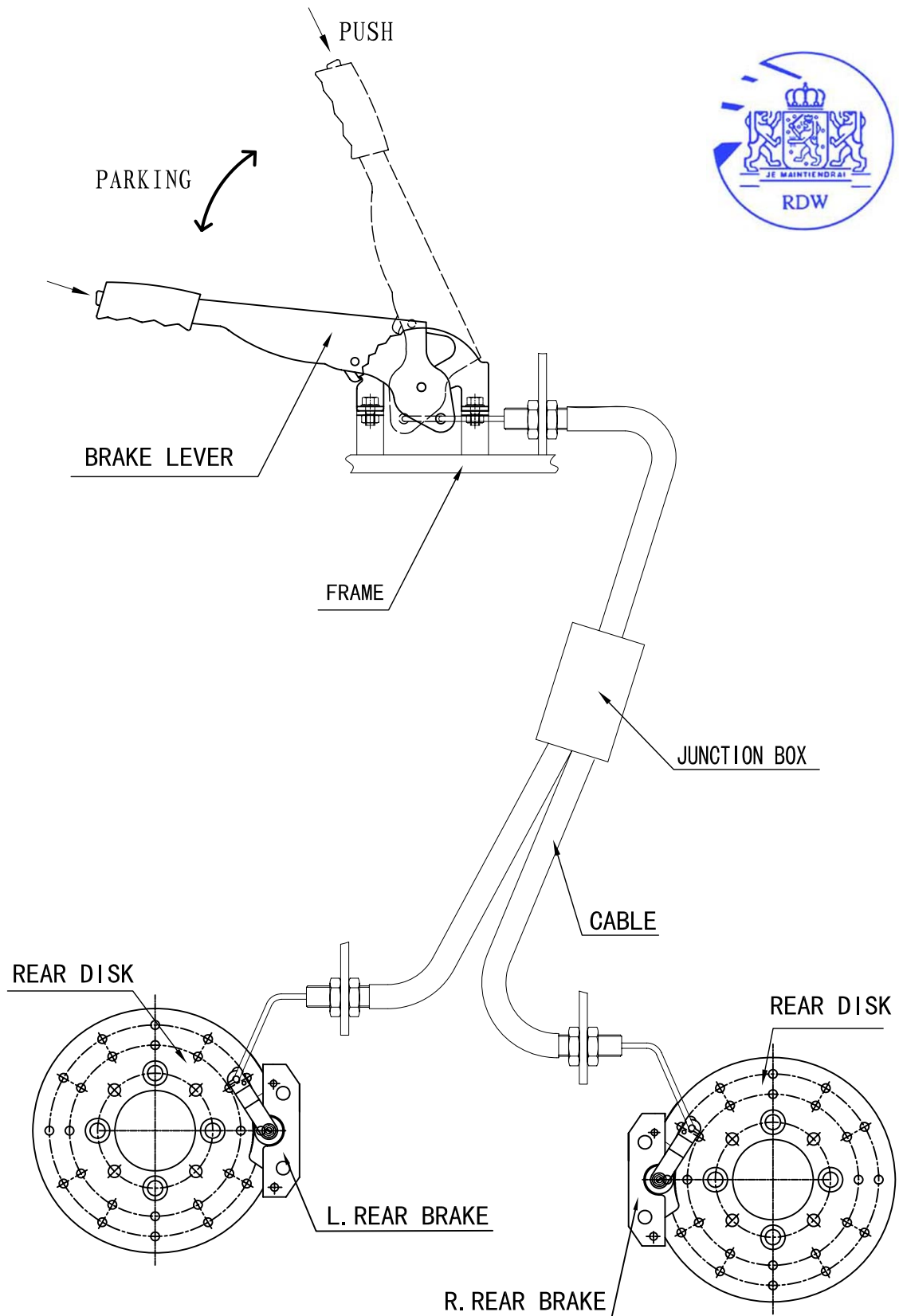
VEHICLE TYPE	XYKD260-1
FRONT CUSHION	
DRAWING NO.	XYKD260-1-24



Item	Parameters
Master Pump Piston Diameter	mm $\phi 12.7, \phi 14$
Master Pump Piston Working Distance	mm 19
Master Pump Piston Empty Distance	mm < 2
Front And Rear Brake Sub-Pump Piston Diameter	mm $\phi 30$
Front Brake Disc Dimension	mm $\phi 130 \times 3.7$
Front Brake Disc Effective Radius	mm R53
Rear Brake Disc Dimension	mm $\phi 170 \times 4$
Rear Brake Disc Effective Radius	mm R73
Friction Factor	0.35-0.45
Rated Working Pressure	MPa 8
Left And Right Front Brake Maximum Braking Torque	N.m 210
Left And Right Rear Brake Maximum Braking Torque	N.m 290



VEHICLE TYPE	XYKD260-2
BRAKE SYSTEM(1)	
DRAWING NO.	XYKD260-2-25



VEHICLE TYPE	XYKD260-2
BRAKE SYSTEM (2)	
DRAWING NO.	XYKD260-2-26



XINGYUE GROUP CO., LTD

Gushan Town, Yongkang City, Zhejiang, 321307

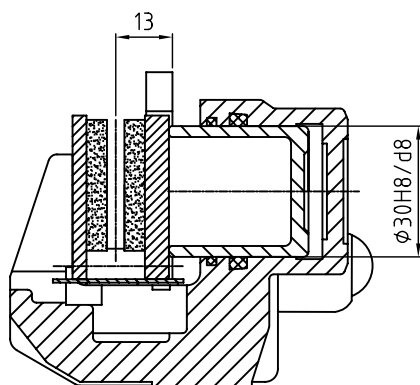
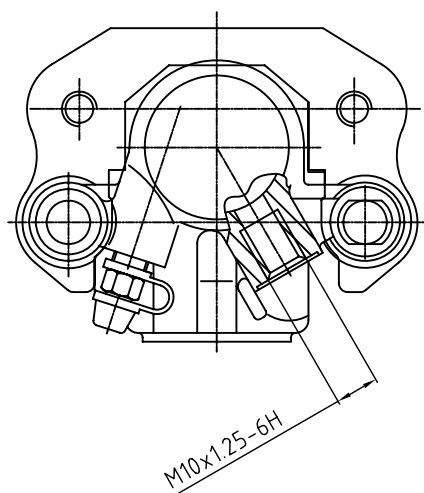
P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

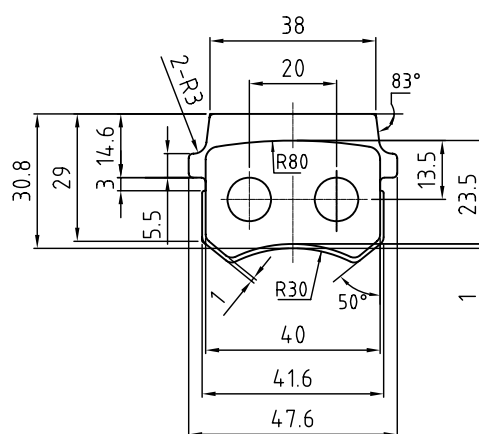
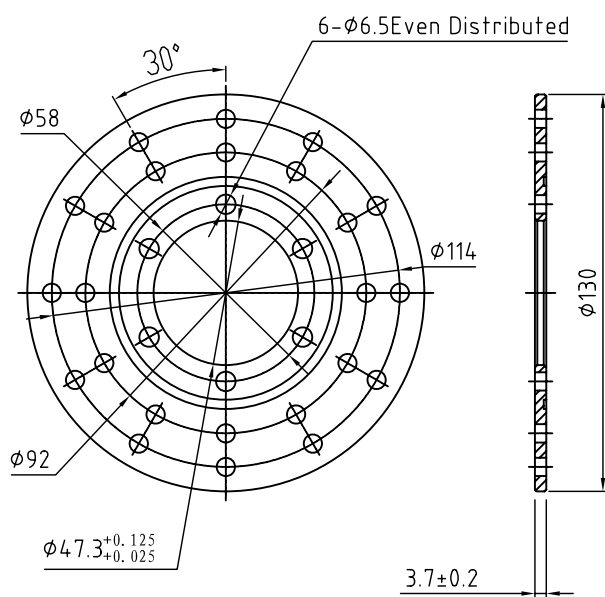
First Application

Issue Date: Oct 15, 2005

Front Brake Chamber Assembly



Front Disc Brake Plate



VEHICLE TYPE	XYKD260-2
FRONT BRAKE	
DRAWING NO.	XYKD260-2-27



XINGYUE GROUP CO., LTD

Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

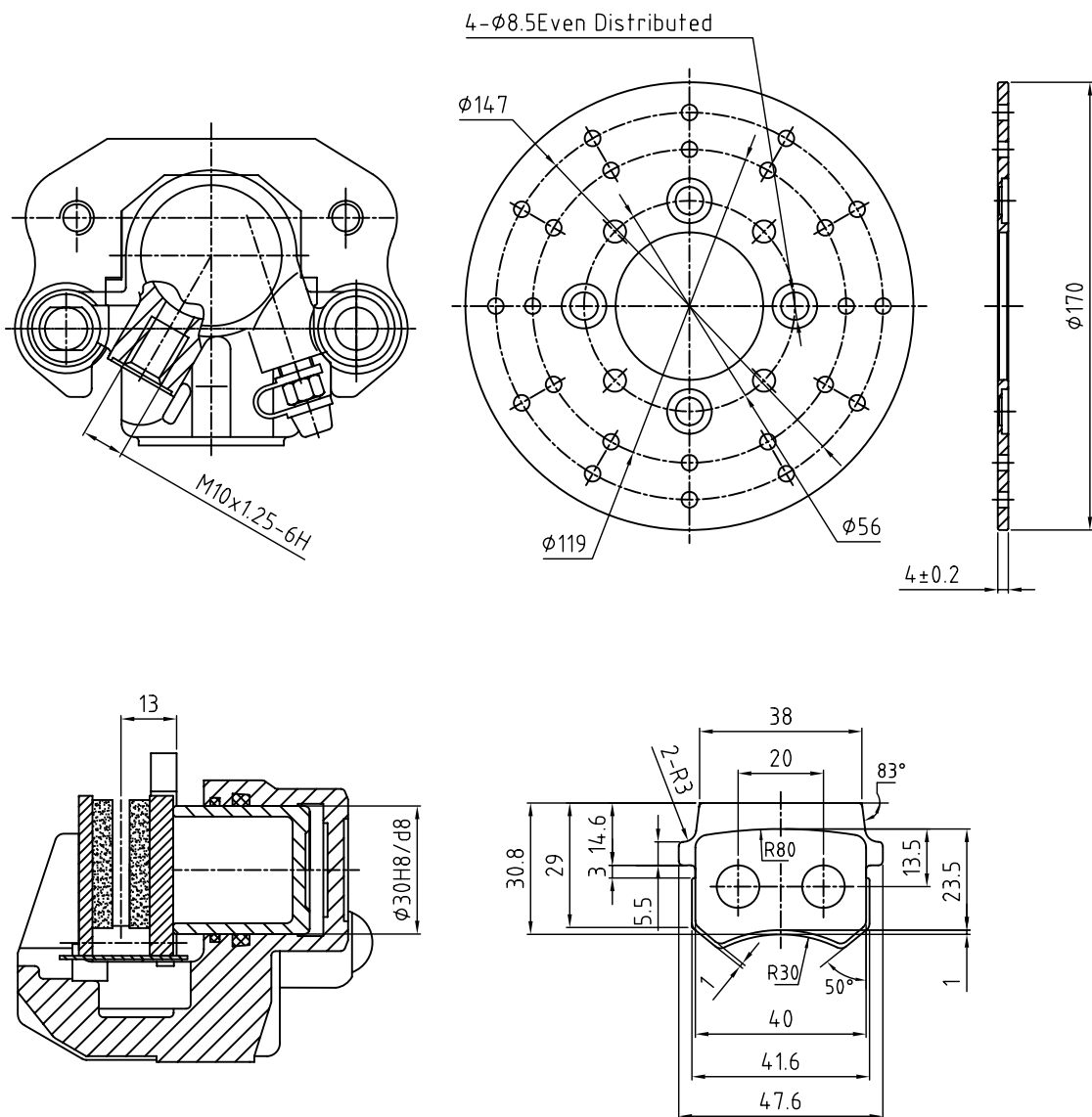
DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005

Rear Brake Chamber Assembly

Rear Disc Brake Plate



VEHICLE TYPE	XYKD260-2
REAR BRAKE	
DRAWING NO.	XYKD260-2-28



XINGYUE GROUP CO., LTD

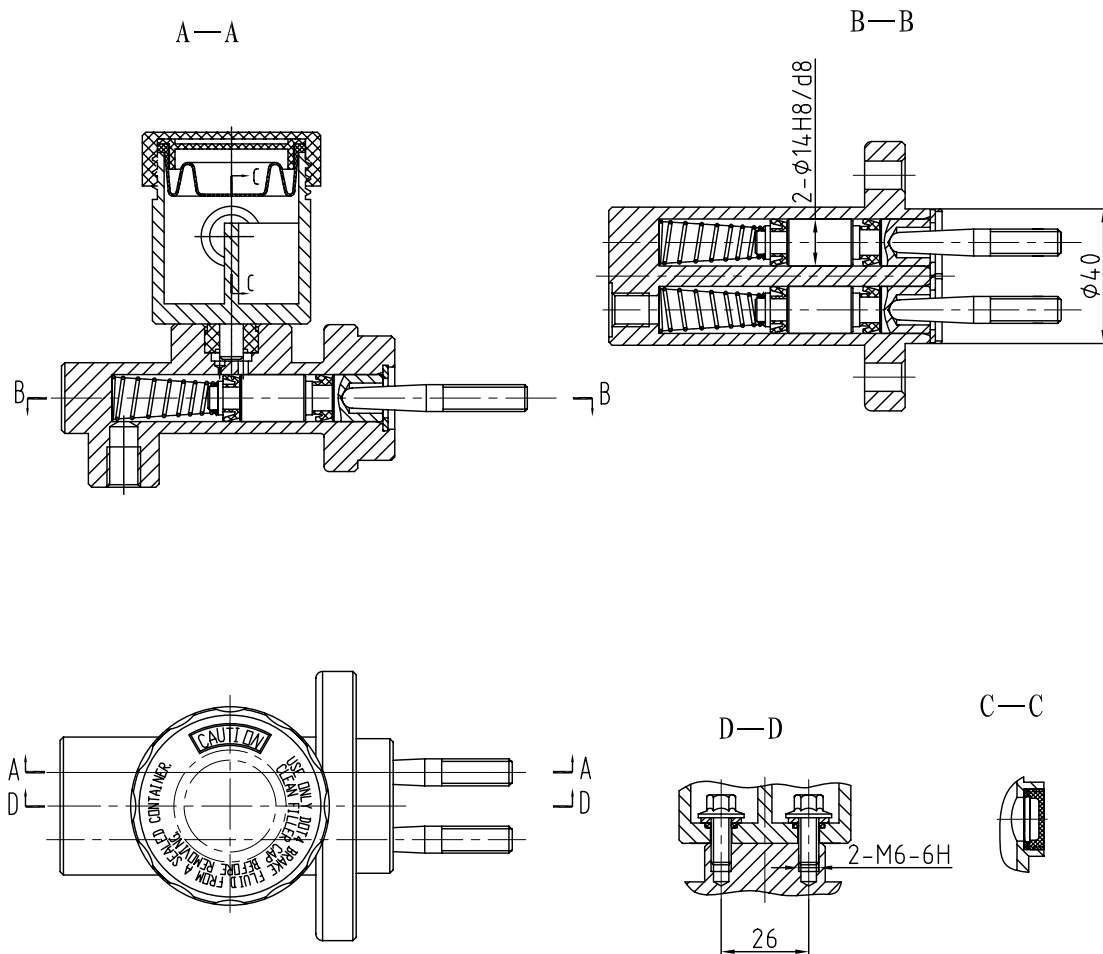
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
HYDRAULIC RESERVOIRS	
DRAWING NO.	XYKD260-2-29



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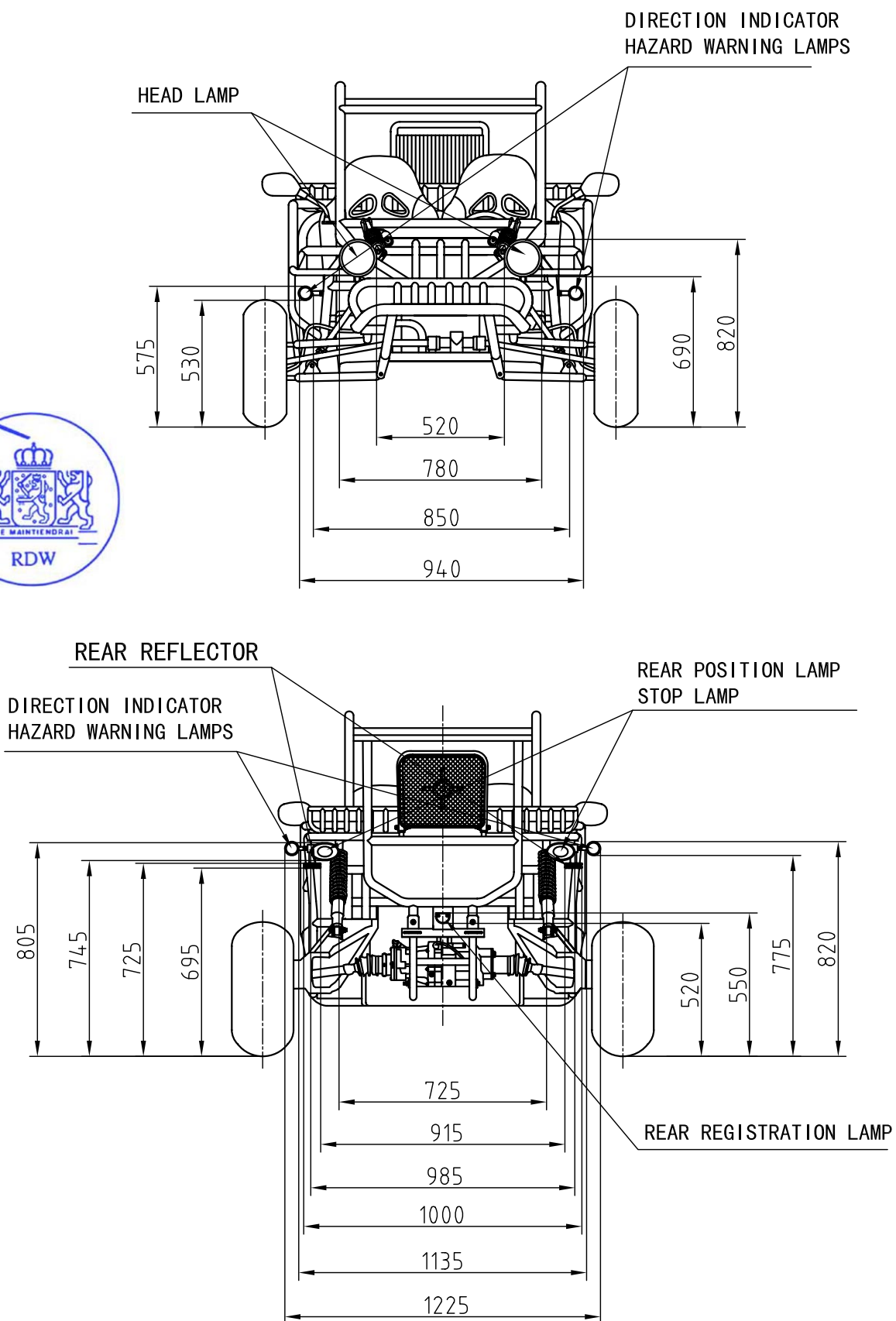
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
LAMPS LOCATION DRAMING	
DRAWING NO.	XYKD260-2-30



星月神

XINGYUE GROUP CO., LTD

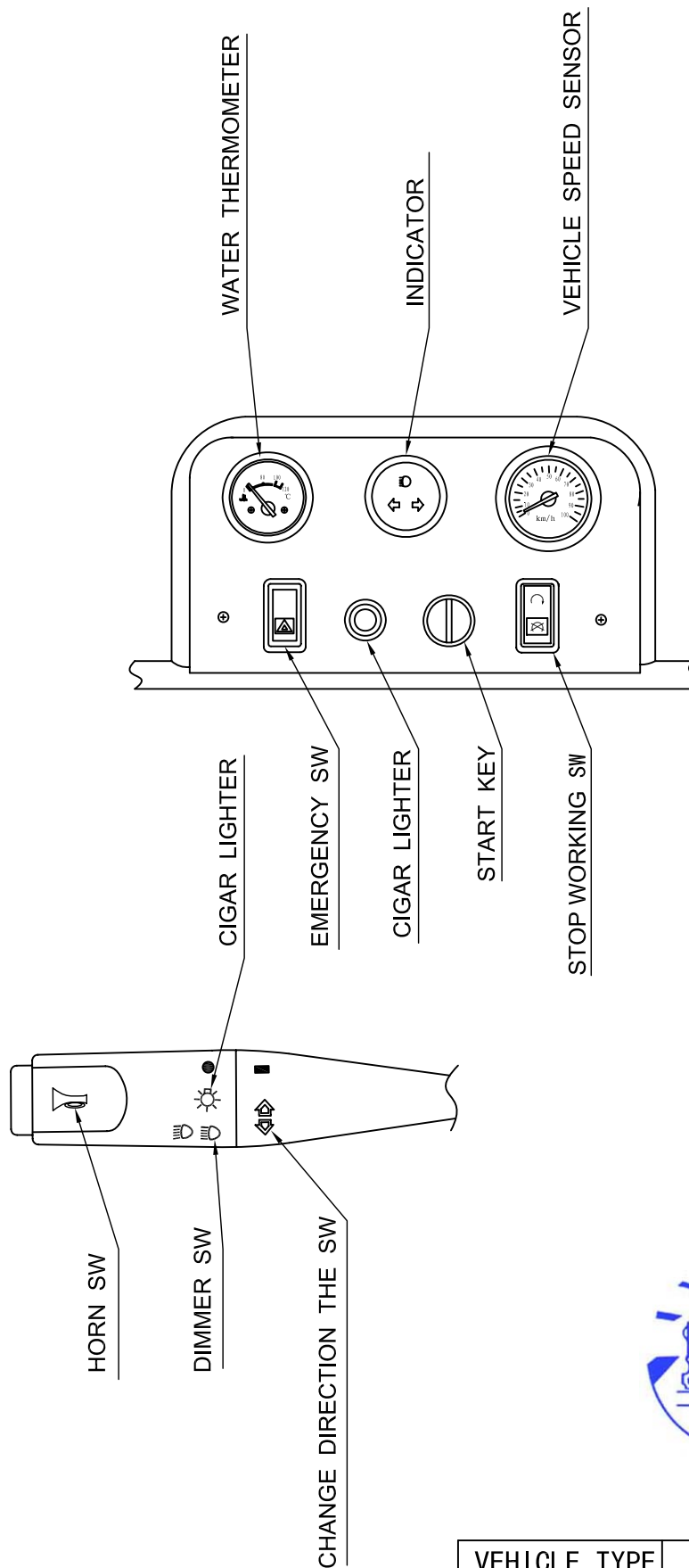
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
ELECTRIC INSTRUMENT PANEL	
DRAWING NO.	XYKD260-2-31



XINGYUE GROUP CO., LTD

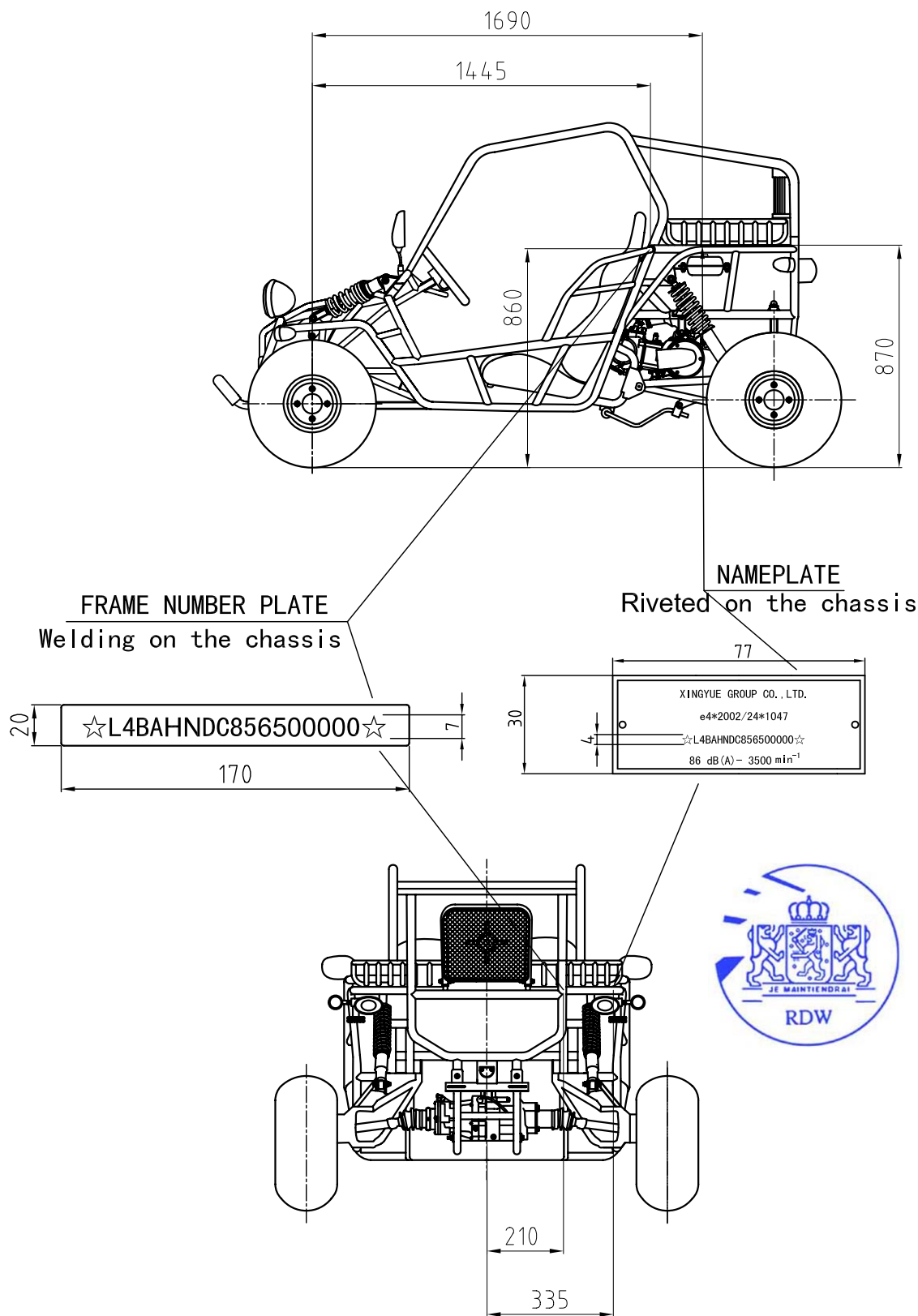
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
Location Of The Statutory Chassis Number&VIN	
DRAWING NO.	XYKD260-2-32



星月神

XINGYUE GROUP CO., LTD

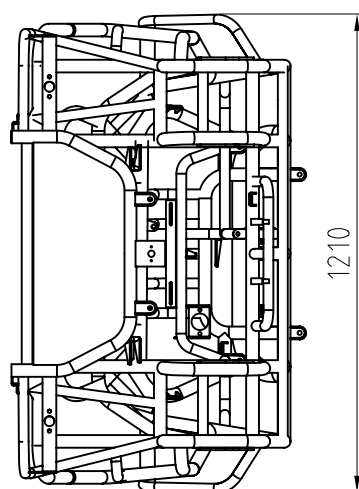
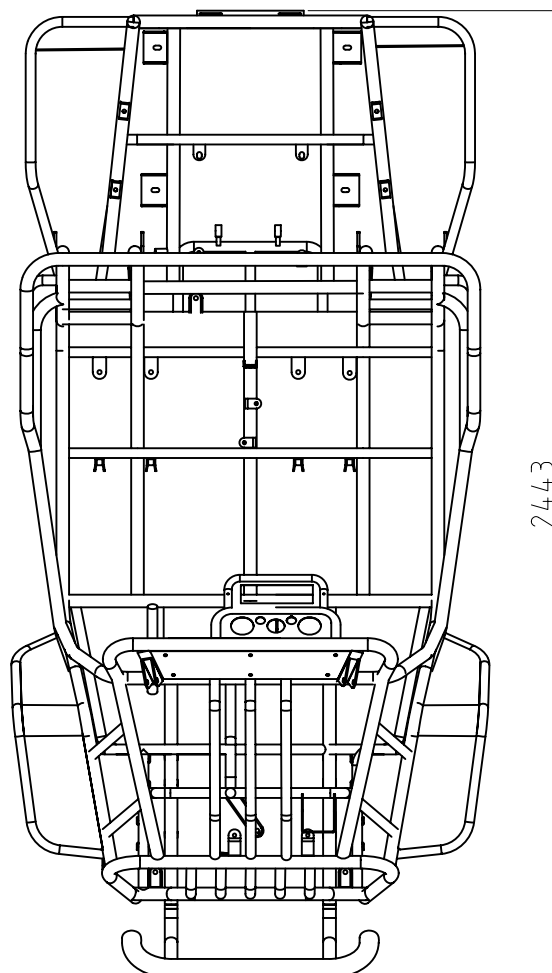
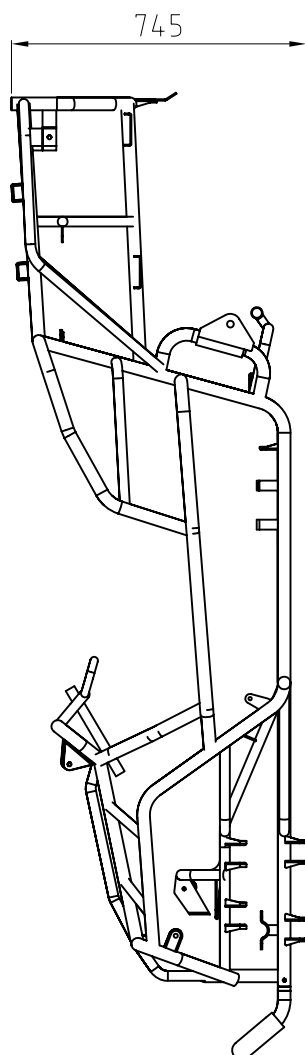
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

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First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
FRAME	
DRAWING NO.	XYKD260-2-33



星月神

XINGYUE GROUP CO., LTD

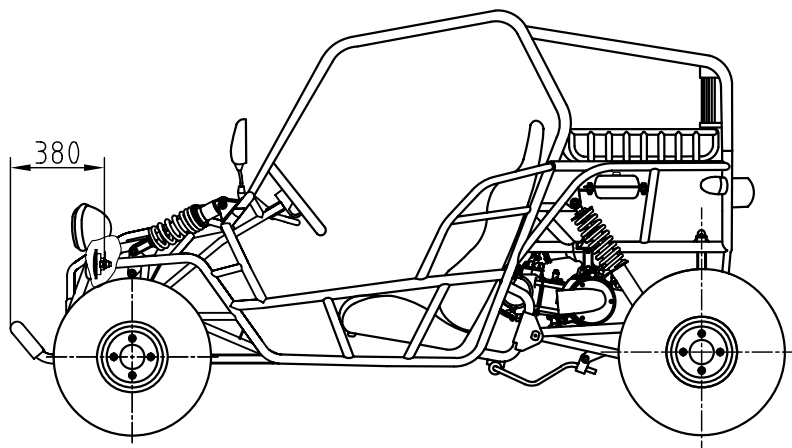
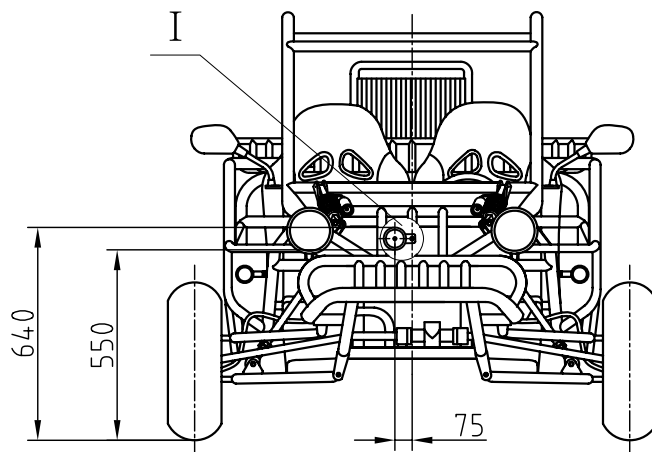
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

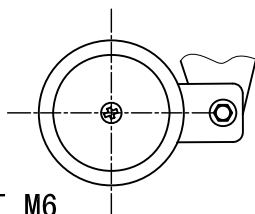
DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



I
4: 1



BLOCKING NUT M6

FRONT FACEPLATE BRACKET

BOLT M6×12



VEHICLE TYPE XYKD260-2

HORN INSTALLATION

DRAWING NO. XYKD260-2-34



星月神

XINGYUE GROUP CO., LTD

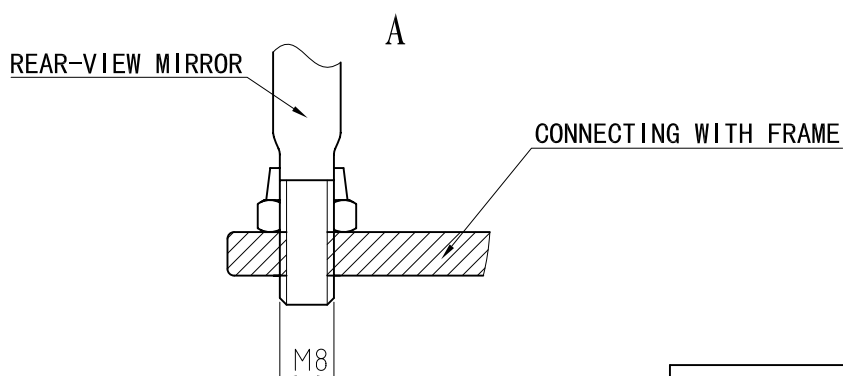
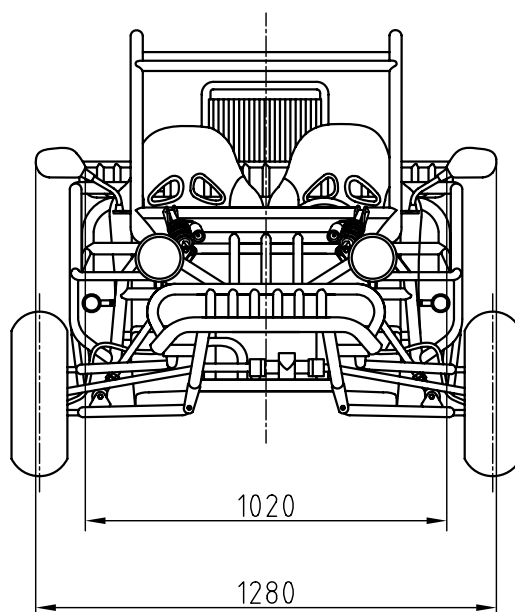
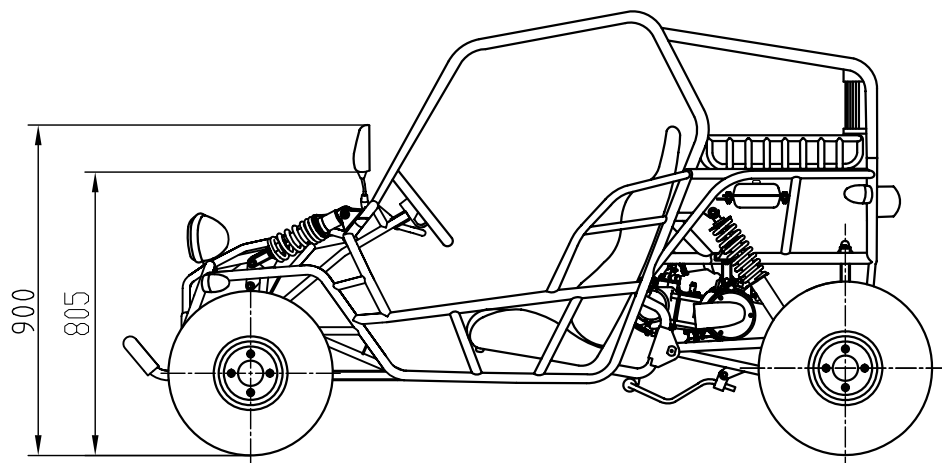
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
REAR-VIEW MIRROR	
DRAWING NO.	XYKD260-2-35



星月神

XINGYUE GROUP CO., LTD

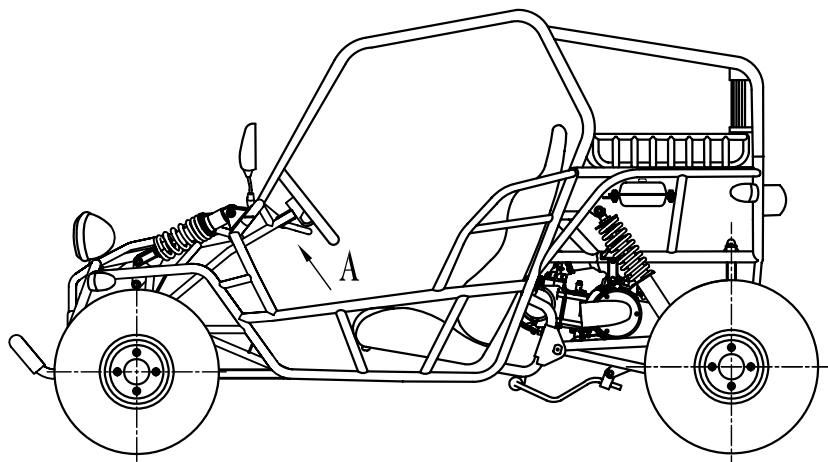
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

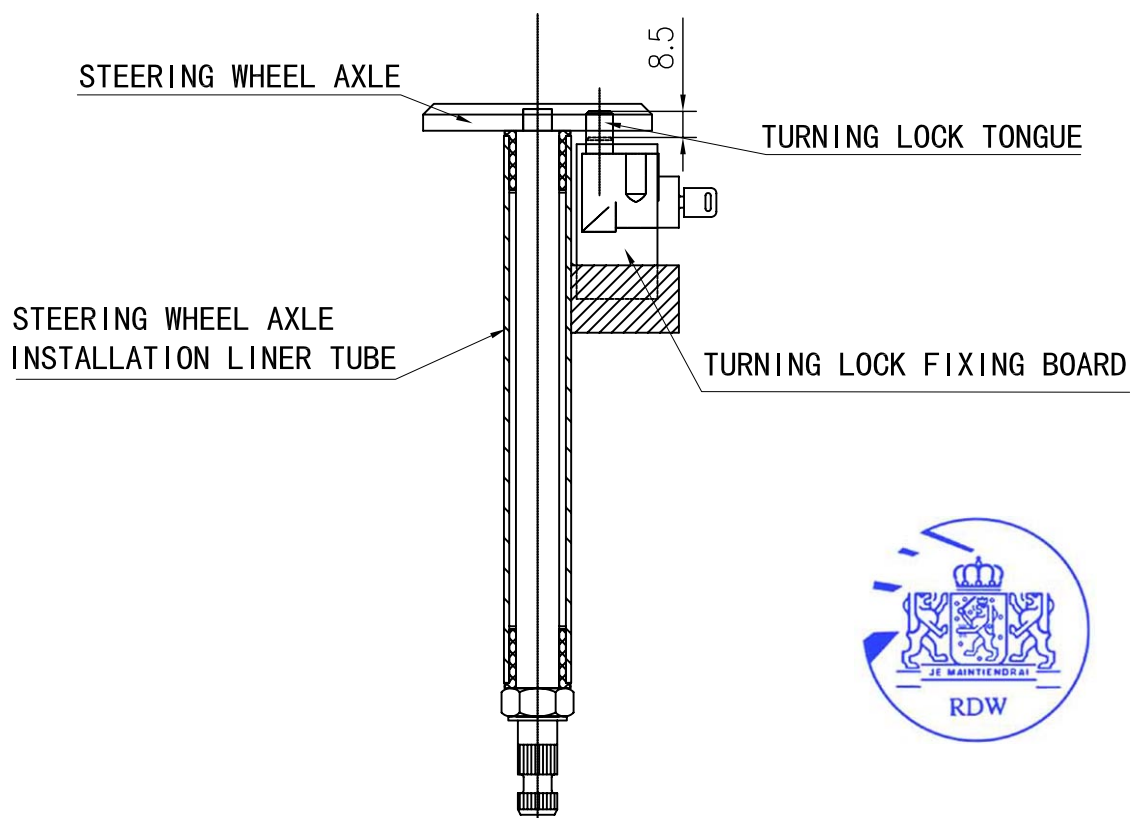
First Application

Issue Date: Oct 15, 2005



A-DETAIL

4:1



VEHICLE TYPE	XYKD260-2
ANTI-THEFT DEVICE	
DRAWING NO.	XYKD260-2-36



星月神

XINGYUE GROUP CO., LTD

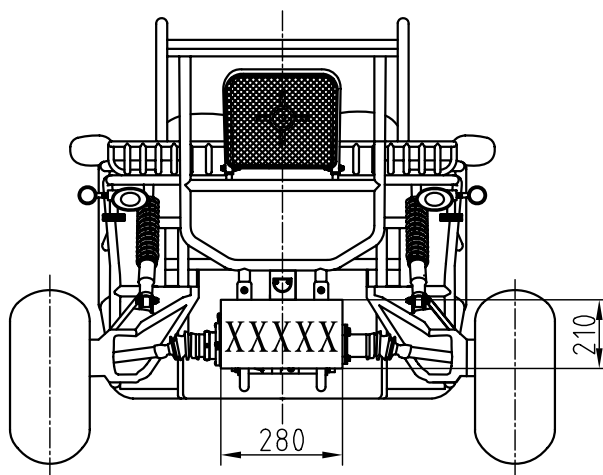
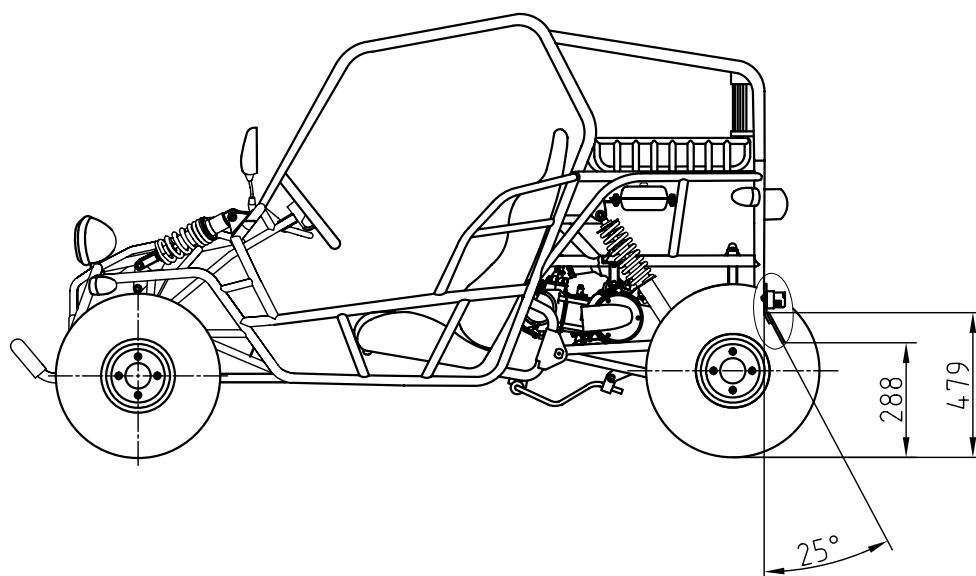
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



VEHICLE TYPE	XYKD260-2
SPACE FOR REAR REGISTRATION PLATE	
DRAWING NO.	XYKD260-2-37



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XINGYUE GROUP CO., LTD

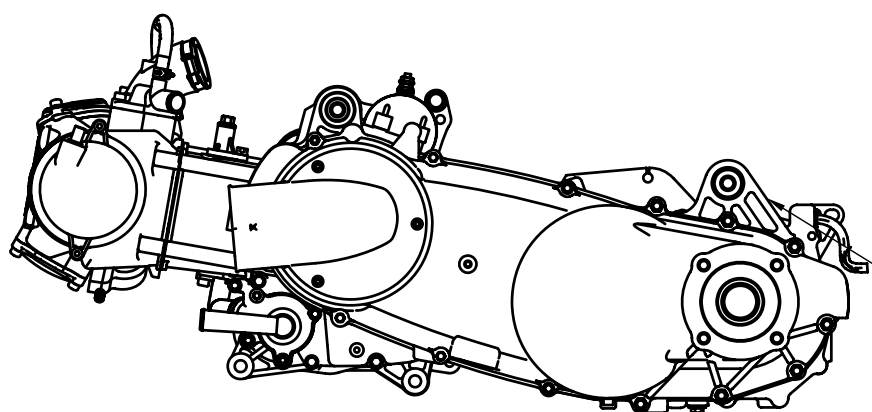
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

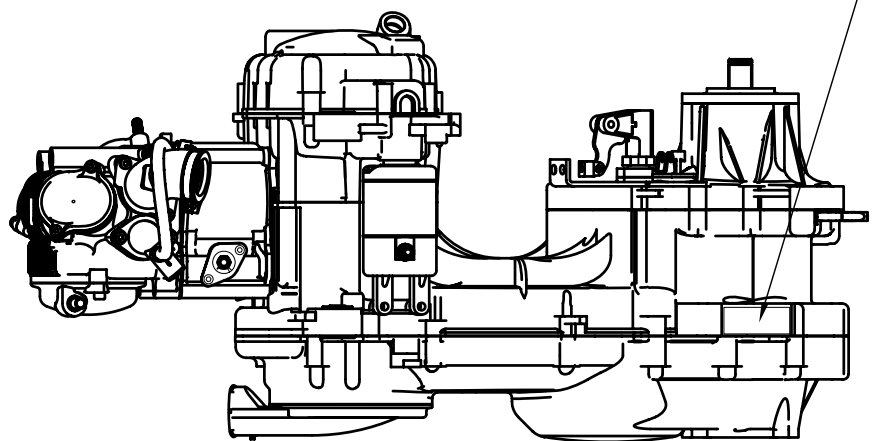
DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



POSITION OF
ENGINE NUMBER
INDICATION



VEHICLE TYPE	XYKD260-2
ENGINE EXTERNAL VIEW	
DRAWING NO.	XYKD260-2-38



星月神

XINGYUE GROUP CO., LTD

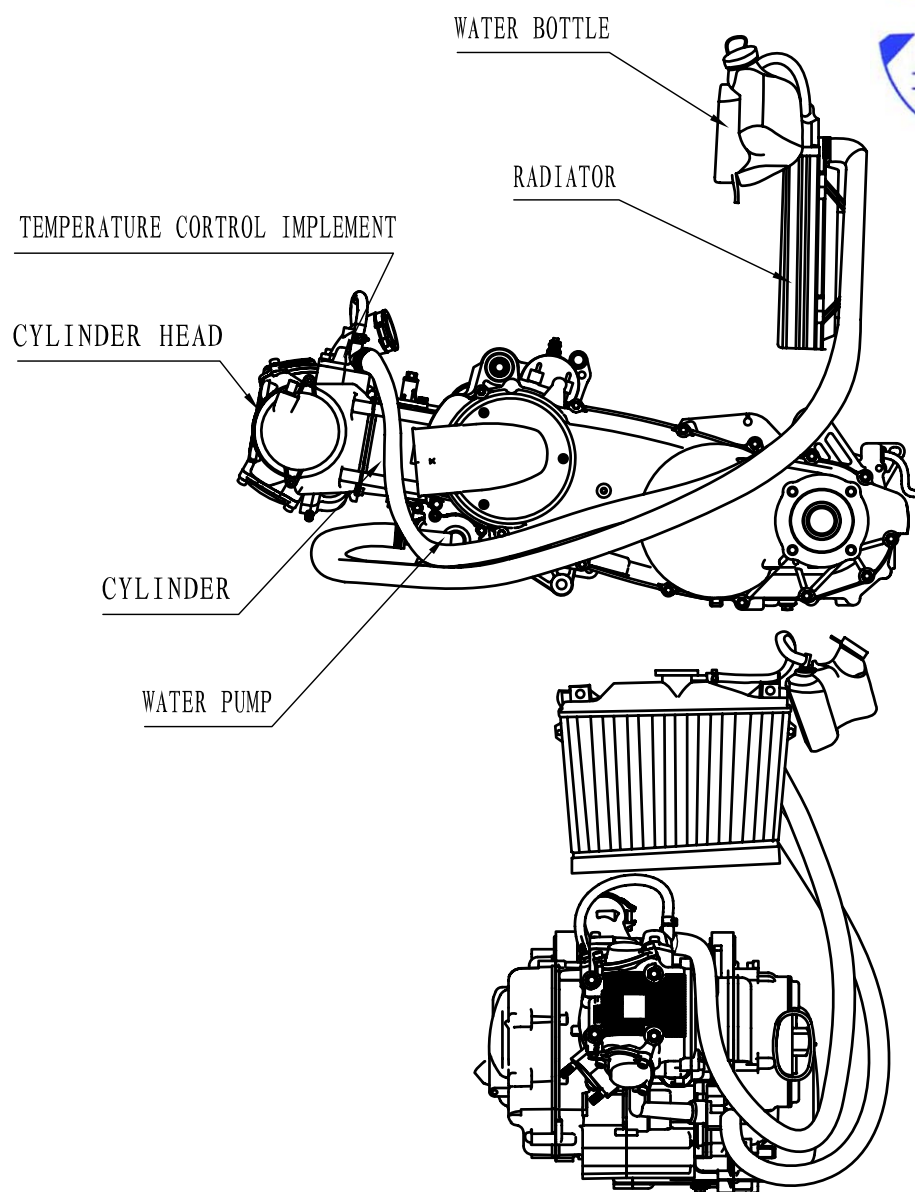
Gushan Town, Yongkang City, Zhejiang, 321307

P. R. China

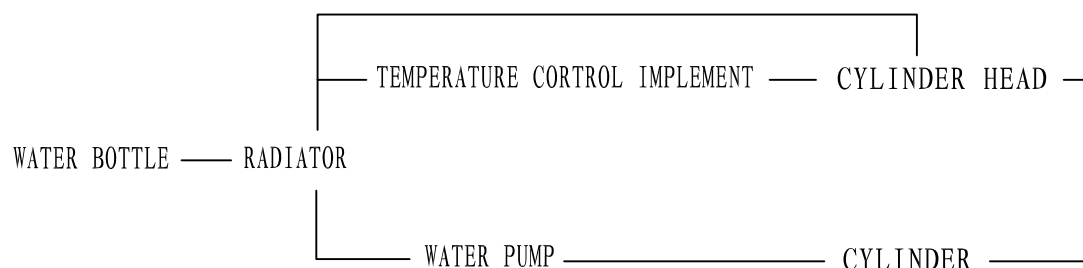
DOC. NO. : 2002/24-XYKD260-2-00

First Application

Issue Date: Oct 15, 2005



WATER CYC COURSE SKETCH MAP



VEHICLE TYPE	XYKD260-2
ENGINE-TEMPERATURE CONTROL DEVICE	
DRAWING NO.	XYKD260-2-39

Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China

To whom it may concern,

For the vehicle type XYKD260-2:

Acc. to 93/33/EC annex 1, No.3.6

The vehicle's key locking system incorporates more than 1000 different combinations.

With best regards,



Mr. Jishen Hu/ President
Xingyue Group Co., Ltd.



Xingyue Group Co., Ltd.

Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China

Statement Concerning Authority Of Signature On COC Paper

We, Xingyue Group Co., Ltd., declare that the undersigned, Mr. Jishen Hu, the President of our company, will be the authorized person to sign the COC paper of the motorcycle.

Type: XYKD260-2

Specification of signature of COC:



Mr. Jishen Hu/ President
Xingyue Group Co., Ltd.



Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China

EC CERTIFICATE OF CONFORMITY

The undersigned:
Mr. Jishen Hu

Hereby certifies that the following vehicle:

- | | | |
|--------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 0.1. | Make: | GSMoon; DIVINE STAR&MOON; QSTRONG |
| 0.2. | Type: | XYKD260-2 |
| | Variant: | --- |
| | Version: | XYKD260-2L |
| 0.2.1 | Commercial name(s) (where appropriate): | KART |
| 0.4. | Vehicle category | L7e |
| 0.4.1. | Vehicle category according to Directive 97/24/EC amend.2003/77/EC, Chapter 7 (if applicable): | n.a. |
| 0.5. | Name and address of the manufacturer: | Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307, Zhejiang,
P.R. China |
| 0.6. | Location of the statutory plate: | R: x 1690, y 335, z 870 |
| | Vehicle identification number: | L4BAHNDC***** |
| 0.7. | Location of the vehicle identification number on the chassis: | R: x 1445, y 210, z 860 |

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

— EC type-approval number: e4*2002/24*1047*00

— dated: MMMM DD, YYYY

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.



Shanghai, P.R.China
(place)

(signature)

MMMM DD, YYYY
(date)

President
(position)

Xingyue Group Co., Ltd.

Gushan Town, Yongkang City,

321307, Zhejiang,

P.R. China

Additional information

1. Number of axles: 2 and wheels: 4 3. Wheel base: 1955mm
- 6.1 Length: 2690 mm 7.1 Width: 1500 mm 8. Height: 1465 mm
- 12.1. Mass of the vehicle (with bodywork) in running order: 359 kg
- 12.2. Unladen mass of the vehicle: 352 kg
- 14.1. Technically permissible maximum laden mass: 509 kg
- 14.2. Distribution of this mass among the axles: 1. 192kg 2. 317kg
- 14.3. Technically permissible mass on each axle: 1. 192kg 2. 317kg
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: Xingyue Group Co., Ltd.
21. Engine type as marked on the engine: XY170MM
- 21.2. Engine number: 050900010
22. Working principle: ~~electric~~ spark ignition / ~~compression ignition~~, four / ~~two~~ stroke
23. Number and arrangement of cylinders: ~~L / V / O / S~~
24. Cylinder capacity: 257 cm³ 25. Fuel: P / ~~D / M / LPG / O~~
26. Maximum net power or maximum continuous rated power as applicable: 11.0 kW at 7000 min⁻¹
- 26.1. Ratio: maximum net power or maximum continuous rated power/mass of the vehicle in running order: 0.031(kW/kg)
28. Gearbox (type): A
29. Gear ratios: Front : Max ratio: 32.344 Min ratio: 9.952 Reverse: 34.892~10.736
32. Tyre size designation: Axle 1: 175/70-10 Axle 2: 255/60-10
37. Body: ~~yes~~/no
41. Number and configuration of doors : not applicable
- 42.1. Number and position of seats: r1: 1R r1: 1L
- 43.1. Approval mark of coupling device, if fitted: not applicable
44. Maximum speed: 70 km/h
45. Sound level : 97/24/EC amend. 2003/77/EC chapter 9
- Stationary: 86 dB(A) at engine speed: 3500 min⁻¹
- Drive-by: 80 dB(A)
46. Exhaust emissions: 97/24/EC amend. 2003/77/EC chapter 5, (row A of table, Annex II, Section 2.2.1.1.5)
- Type I test: CO : 3.550 g/km HC: 0.594 g/km
- NO_x: 0.371g/km HC+ NO_x : --- g/km
- Type II test: for mopeds: CO : -- g/min HC: -- g/min
- for motorcycles and tricycles: CO : 0.651 % 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 : |
| Czech Republic : | Estonia : | Cyprus : |
| Latvia : | Lithuania : | Hungary : |
| Malta : | Poland : | Slovenia : |
50. Remarks : ---
51. Exemptions : ---



Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

TECHNICAL REPORT

according to Council Directive on the approximation of
the laws of the Member States relating to the

Type-approval of two or three-wheel motor vehicles

2002/24/EC

including all amendments until

2003/77/EC

Previously granted		
EEC - system type approval	:	---
ECE - certificate	:	---

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

0. General information

- 0.1 Make (trade name of the manufacturer) : GSMoon; DIVINE STAR&MOON; QSTRONG
- 0.2 Type : XYKD260-2
Variants : ---
Versions : version1:XYKD260-2L
version2:XYKD260-2R
- 0.3 Category of vehicle : L7e
- 0.4 Name and address of the manufacturer : Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307,Zhejiang,
P.R. China
- 0.5 Order issued by : ---
(if different from manufacturer)
- 0.6 No. of information folder : 2002/24-XYKD260-2-00
date of issue : October 15, 2005
date of last amendment : ---

1. Test object(s)

- 1.1 Test object(s)
- type : XYKD260-2
- version : version1:XYKD260-2L
version2:XYKD260-2R
- variant : ---
- 1.2 Remarks : test object's tyres:
175/70-10
255/60-10

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

2. Test minutes

- 2.1 Test facilities : The test equipment used was in compliance with the requirements of the directive
- 2.2 Test results : see Appendices
- 2.3 General test information
- Test object / test vehicle received on : ---
- version : version1:XYKD260-2L
version2:XYKD260-2R
- 2.4 Test date : November 3, 2005 to November 23, 2005
- 2.5 Test site : ShangHai XingYue Power Machinery Co., Ltd
Pingqiao Village, Waxie Town,
Nanhui District, 201321, Shanghai
P.R.China
- 2.6 Remark : The results of the test refer exclusively to the object(s) mentioned under point 1.1 of this report.

- 3. Remark concerning tested object(s)** : All versions of the vehicle type as stated in the information document are covered with the tested vehicle version(s) and test object(s) respectively.

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

4. Appendices

- 0 List of modifications
 - 1 Test minutes of frame directive : 7 Pages
 - 2 Test minutes braking system : 4 Pages
 - 3 Test minutes max. engine power : 4 Pages
and torque
 - 4 Test minutes anti-pollution : 3 Pages
devices
 - 5 Test minutes anti-tampering : Not attached as not relevant to quadricycle
measures
 - 6 Test minutes noise-measuring : 3 Pages
- Information folder

5. Statement of conformity

The information folder and the type described therein comply with the requirements in the above mentioned directive.

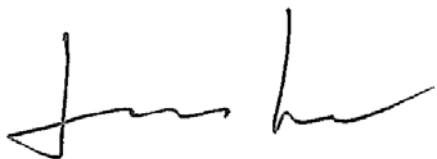
The test laboratory is accredited for the above mentioned tests by the accreditation body of the RDW, Vehicle Technology and Information Centre, as the competent Administrative Department for the Netherlands:

Certification No: RDW-99050014-02.

The technical report comprises the pages 1 to 26 (including appendices 0 to 6) and shall not be reproduced except in full without the written approval of the test laboratory.

Cologne, January 6, 2006

JL



B.S.M.E. J. Lee

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

List of modifications

Appendix 0

Correction of : - ---

Modification of : - ---

Addition of : - ---

Deletion of : - ---

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

Test minutes of frame directive

Appendix 1

0. GENERAL

- 0.1. Make(s) (trade name of the manufacturer): : GSMoon; DIVINE STAR&MOON; QSTRONG
- 0.2. Type: : XYKD260-2
- Variant(s) : ---
- Version(s) : version1:XYKD260-2L
version2:XYKD260-2R
- 0.2.1. Commercial name(s): : KART
- 0.3. Means of identification of type, if marked on the vehicle : not applicable
- 0.3.1. Location of that marking : not applicable
- 0.4. Category : L7e
- 0.5. Name and address of the vehicle manufacturer: : Xingyue Group Co., Ltd.
Gushan Town, Yongkang City,
321307,Zhejiang,
P.R. China
- 0.5.1. Name(s) and address(es) of assembly plant(s): : ShangHai XingYue Power Machinery Co.,
Ltd
Pingqiao Village, Waxie Town,
Nanhui District, 201321, Shanghai
P.R.China

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

1. VEHICLE COMPONENTS AND CHARACTERISTICS

4. Name and address of manufacturer's : not applicable
authorized representative
5. Category of vehicle : L7e
Vehicle equipped with pedals : not applicable
6. Number of wheels : 4
Position in case of 3 wheel vehicle : Symmetrical/~~asymmetrical~~
7. Outline drawing of frame : see Information Document 2002/24-XYKD260-2-00,
8. Manufacturer of engine : see Information Document 2002/24-XYKD260-2-00,
3.0
9. Make and description of engine : see Information Document 2002/24-XYKD260-2-00,
3.1
Type : XY170MM
10. Type of-engine ignition : spark-ignition engine
11. Engine operating cycle : see Information Document 2002/24-XYKD260-2-00,
3.2.1.1
12. Type of engine cooling : see Information Document 2002/24-XYKD260-2-00,
3.2.7
13. Type of engine lubrication : see Information Document 2002/24-XYKD260-2-00,
3.6
14. Number, arrangement and firing order : see Information Document 2002/24-XYKD260-2-00,
of cylinders 3.2.1.2
15. Bore, stroke and cylinder capacity or : see Information Document 2002/24-XYKD260-2-00,
volume of combustion chamber 3.2.1.2.1 – 3.2.1.3
16. Full diagram of induction system : see Information Document 2002/24-XYKD260-2-00,
3.2.8.3
17. Engine compression ratio : see Information Document 2002/24-XYKD260-2-00,
3.2.1.4
18. Maximum net power and maximum : according to SD 95/1/EC amend. 2002/41/EC

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

- | | | |
|-----|----------------------------------------------------|------------------------------------------------------------------|
| | torque of engine | for test results see Appendix 3 |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| 19. | Anti-tampering measures for mopeds and motorcycles | : not applicable |
| 20. | Fuel tank | : according to SD 97/24/EC Chap. 6 amend. 2003/77/EC |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| 21 | Traction battery/ies | : not applicable |
| | Electric traction motor | : not applicable |
| 22 | Carburettor or other engine fuel supply | : see Information Document 2002/24-XYKD260-2-00, 3.2.4.1 |
| 23 | Electrical system (nominal voltage) | : see Information Document 2002/24-XYKD260-2-00, 3.2.5 |
| 24 | Generator (type and maximum output) | : see Information Document 2002/24-XYKD260-2-00, 3.2.5.2 |
| 25. | Maximum design speed of the vehicle | : according to SD 95/1/EC amend. 2002/41/EC, |
| | Maximum design speed | : 70km/h
: see Information Document 2002/24-XYKD260-2-00, 4.6 |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| 26 | Masses and dimensions | : according to SD 93/93/EEC amend.2004/86/EC |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| | Mass of vehicle in running order | : see Information Document 2002/24-XYKD260-2-00, |

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

2.1

Distribution of that mass between the axles : see Information Document 2002/24-XYKD260-2-00, 2.1.1

Mass of vehicle in running order together with rider : see Information Document 2002/24-XYKD260-2-00, 2.2

Distribution of that mass between the axles : see Information Document 2002/24-XYKD260-2-00, 2.2.1

Maximum technically permissible mass declared by the manufacturer : see Information Document 2002/24-XYKD260-2-00, 2.3

Division of that mass between the axles : see Information Document 2002/24-XYKD260-2-00, 2.3.1

Maximum technically permissible mass on the axles : see Information Document 2002/24-XYKD260-2-00, 2.3.2

Vehicle length : 2690 mm

Vehicle width : 1500 mm

Vehicle height : 1465 mm

Wheel base : 1955 mm

27. Coupling devices and their attachment : not applicable

28. Anti-pollution devices : according to SD 97/24/EC amend. 2003/77/EC Chap. 5 for test results see Appendix 4

Conformity checks : requirements fulfilled

Approval number : not applicable

29. Tyres : according to SD 97/24/EC amend. 2003/77/EC Chap. 1, see Information Document 2002/24-XYKD260-2-00, 5.2

Conformity checks : requirements fulfilled

Tyres of any tyre manufacturer may be fitted provided that they are of the same dimensions, E/e-mark approved according to ECE-R75 or 97/24/EC amend. 2003/77/EC, chapter 1 and of a load index of 27(front tyre) / 44 (rear tyre) or more and a speed index of F or

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

- more.
30. Transmission automatic
31. Braking system : according to SD 93/14/EEC
for test results see Appendix 2
- Conformity checks : requirements fulfilled
- Approval number : not applicable
32. Installation of lighting and light-signalling devices : According to SD 93/92/EEC amend. 2000/73/EC
- Conformity checks : requirements fulfilled
- Approval number : not applicable
33. Lighting and light-signalling devices : according to SD 97/24/EC amend. 2003/77/EC Chap. 2
- Conformity checks : requirements fulfilled
- Approval number : see Information Document 2002/24-XYKD260-2-00, 8.1
34. Audible warning device : according to SD 93/30/EEC
- Conformity checks : requirements fulfilled
- Approval number acc. to 93/30/EEC, annex II : not applicable
- Approval number acc. to 93/30/EEC, annex I : see Information Document 2002/24-XYKD260-2-00, 9.5.5
35. Position of mounting rear registration plate : according to SD 93/94/EEC amend. 1999/26/EC
- Conformity checks : requirements fulfilled
- Approval number : not applicable
36. Electromagnetic compatibility : according to SD 97/24/EC amend. 2003/77/EC Chap. 8,
see Information Document 2002/24-XYKD260-2-00, 3.2.6.8
- Conformity checks : requirements fulfilled

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

- | | | |
|-----|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| | Approval number | : not applicable |
| 37. | Sound level and exhaust system | : according to SD 97/24/EC amend. 2003/77/EC Chap. 9, for test results see Appendix 6 |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| | Make of exhaust system | : see Information Document 2002/24-XYKD260-2-00, 3.2.9 |
| | Type of exhaust system | : 1 main exhaust silencer interconnected pipe |
| | Sound level | |
| | stationary noise, dB(A) at rpm | : 86 / 3500 |
| | noise when in motion in dB(A) | : 80 |
| 38. | Rear-view mirror(s) | : according to SD 97/24/EC Chap. 4 amend. 2003/77/EC |
| | Conformity checks | : requirements fulfilled |
| | Approval number (Arrangement) | : not applicable |
| | Approval number (Component) | : see Information Document 2002/24-XYKD260-2-00, B 1.1.2 |
| 39. | External projections | : according to SD 97/24/EC amend. 2003/77/EC Chap. 3 |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| 40. | Stand | : not applicable |
| 41. | Devices to prevent unauthorized use | : according to SD 93/33/EEC amend. 1999/23/EC |
| | Conformity checks | : requirements fulfilled |
| | Approval number | : not applicable |
| 42. | Windows, windscreen wipers, windscreen washers for vehicle with bodywork | : not applicable |

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

43. Hand-hold for two-wheel vehicles : not applicable
44. Anchorage points for safety belts and : not applicable
safety belts for vehicle with bodywork
45. Speedometer : according to SD 2000/7/EC
see Information Document 2002/24-XYKD260-2-00,
4.7
- Conformity checks : requirements fulfilled
- Approval number : not applicable
46. Identification of controls, tell-tales and : according to SD 93/29/EEC amend. 2000/74/EC,
indicators see Information Document 2002/24-XYKD260-2-00,
9.2
- Conformity checks : requirements fulfilled
- Approval number : not applicable
47. Statutory inscriptions : according to SD 93/34/EEC amend. 1999/25/EC,
see Information Document 2002/24-XYKD260-2-00,
9.3
- Conformity checks : requirements fulfilled
- Approval number : not applicable
- Location of statutory plate : Fasten at the right side of the vehicle frame, metal rivet
fixed.

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

Test minutes braking system

Appendix 2

0. Test condition

Test place : China National Motorcycle Testing Center(shanghai)
Shanghai, P.R.China

1 Test facilities : The test equipment used was in compliance with the requirements of the directive.

2 Test object(s)

2.1 Type : XYKD260-2
Version : ---
Variant : version1:XYKD260-2L
version2:XYKD260-2R

2.2 Technically permissible mass on axles

axle 1 [kg] : 192
axle 2 [kg] : 317

2.3 Load conditions of the vehicle during the test

	unladen	laden
axle 1 [kg]	162	192
axle 2 [kg]	272	317
total [kg]	434	509

2.4 Number and arrangement of the axles : 2 axles

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

2.5 Brief description of the service braking : ~~front/rear~~ / combined device

- | | |
|-----------------------------------|----------------------------------------------------|
| Combined brake | : Foot pedal, manually operated |
| | Front: disk brake, hydraulic transfer |
| | Rear: disk brake, hydraulic transfer |
| - Manufacturer of brake pad | : Chongqing Zhengling braking Co., Ltd. |
| - Manufacturer of master cylinder | : Chongqing Zhengling braking Co., Ltd. |
| - Manufacturer of wheel cylinder | : Chongqing Zhengling braking Co., Ltd. |
| Secondary brake | : Hand bar, manually operated, mechanical transfer |
| - Manufacturer of brake pad | : Chongqing Zhengling braking Co., Ltd. |
| - Manufacturer of master cylinder | : n.a. |
| - Manufacturer of wheel cylinder | : n.a. |

2.6 Other devices (anti-lock, etc..) : Parking Brake device controlled by a hand brake acting on rear brake device

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

3 Test results

3.1 Type-0 test, with engine disconnected

Conditions	test speed [km/h]	measured performance [m/s ²]	Measured force applied to control [N]
unladen, dry brakes			
service brake	60	5.26	451
secondary brake	60	4.01	137
laden, dry brakes			
service brake	60	5.11	487
secondary brake	60	3.65	129
reference test for wet brake (laden)			
service brake, 0.5-1s	-	-	-
service brake, maximum	-	-	-
secondary brake, 0.5-1s	-	-	-
secondary brake, maximum	-	-	-
laden, wet brakes			
service brake, 0.5-1s	-	-	-
service brake, maximum	-	-	-
secondary brake, 0.5-1s	-	-	-
secondary brake, maximum	-	-	-

3.2 Type-0 test, engine connected

condition : unladen
dry brakes
both service braking devices applied

conditions	test speed [km/h]	measured performance [m/s ²]	measured control force combined foot pedal [N]
v_{max} = 70 km/h			
30% v _{max}	21	5.50	460
55% v _{max}	39	5.22	366
80% v _{max}	56	5.50	453

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

3.3 Type-1 test, (fade test)

condition : Laden
dry brakes

distance between the initiation of : 1000 m
two consecutive stops

number of brakings : 10

Conditions		service brake	
		combined	Secondary
applied force to the control to maintain a mean deceleration of 3 m/s ²	[N]	207	98
initial vehicle speed	[km/h]	49	49

Conditions 60-120 % of ref. Test	test speed [km/h]	Measured performance [m/s ²]	measured force applied to control [N]
reference test service brake	60	5.11	487
type-I test service brake	60	4.33	452
reference secondary brake	-	-	-
type-I test secondary brake	-	-	-

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

Test minutes max. engine power and torque

Appendix 3

- 0. Test condition
 - Test place : China National Motorcycle Testing Center(shanghai)
Shanghai, P.R.China
- 1 Test facilities : The test equipment used was in compliance with the requirements of the directive.
- 2 Test Vehicle(s)
 - 2.1 Type : XYKD260-2
 - Variant : ---
 - Version : version1:XYKD260-2L
version2:XYKD260-2R
- 2.2 Engine type / number : XY170MM / 050900021
- 3. Engine performance
 - 3.1 Test conditions
 - 3.1.1 Pressures measured at maximum power
 - 3.1.2 Barometric : 102.5kPa
 - 3.1.3 Water vapour pressure : 2.22 kPa
 - 3.1.4 Exhaust : ---
(to be measured when the original induction systems are not used)
 - 3.1.5 Inlet depression at engine intake : ---
system (to be measured when the original induction systems are not used)
 - 3.1.6 Temperatures measured at maximum power of the engine
 - Intake air : 296 K
 - Outlet of the inlet inter- cooler : ---

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

Cooling liquid

Engine cooling liquid outlet : 367 K

Reference point in case of air cooling : ---

Oil in the oil sump : 353 K

Fuel

Carburettor intake : 295 K

Fuel-consumption measuring device : 296 K

Exhaust gas, measured at the point adjacent to the outlet flange(s) of the exhaust manifolds : 1017 K

3.1.7 Characteristics of the dynamometer

Make : Luoyang Nanfeng Mechanical Co., Ltd.

Type : Eddy-Current CW20

3.1.8 Fuel

For positive ignition engines operating on liquid fuel

Make : Haltermann

Specification : Haltermann High Octane Gasoline

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

Anti-knock additive (lead, etc.)

Type : unlead

Content mg/litre : 0.75

Octane number

RON No. : 95

MON No. : 85

Relative density
at 15 ° C : 0.750
at 4 ° C : 0.753

Calorific value : 46,900 kJ/kg

3.1.9 Lubricant

Make : SHELL

Specifications : ---

SAE viscosity grade : 15W-40

3.1.10 Correction factor for mechanical efficiency of the transmission

Overall factor ($n_1 \cdot n_2 \cdot n_3 \cdot n_4$) : 1.000

Gear wheel (n1) : ---

Chain (n2) : ---

Belt (n3) : ---

Hydraulic coupling or converter (n4) : ---

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

Detailed results of measurement

Engine speed	Rotational speed of dynamometer brake	Dynamometer brake load	Torque measured at crankshaft	Power measured	Barometric pressure	Ingested air temperature	Steam pressure	Atmospheric correction factor a ₁	Mechanical correction factor a ₂	Corrected torque at crankshaft	Corrected power	Measured fuel flow (not corrected)	Engine cooling temperature b)	Oil temperature at measuring point	Air temperature after pressure chamber	Exhaust temperature	Air temperature downstream of	Pressure downstream of
min ⁻¹	min ⁻¹	N	Nm	kW	KPa	K	kPa			Nm	kW	g/kWh	K	K	K	K	K	kPa
7522	--	--	12.45	9.81	102.5	296	2.22	0.981	1.000	12.22	9.62	327	366	353	--	1040	--	--
7014	--	--	15.23	11.19	102.5	296	2.22	0.981	1.000	14.95	10.98	330	367	353	--	1017	--	--
6516	--	--	16.12	11.00	102.5	296	2.22	0.981	1.000	15.81	10.79	328	364	355	--	985	--	--
6015	--	--	16.56	10.43	102.5	296	2.22	0.981	1.000	16.24	10.23	331	364	355	--	976	--	--
5513	--	--	16.73	9.66	102.5	296	2.22	0.981	1.000	16.42	9.48	329	361	354	--	992	--	--
5016	--	--	17.04	8.95	102.5	296	2.22	0.981	1.000	16.72	8.78	324	360	355	--	985	--	--
4514	--	--	17.03	8.05	102.5	296	2.22	0.981	1.000	16.71	7.90	323	361	355	--	956	--	--
4016	--	--	15.81	6.65	102.5	296	2.22	0.981	1.000	15.51	6.52	321	360	356	--	909	--	--

Location of measuring point : the measurement has been carried out :
a) at the liquid cooling point
b) ~~at the spark plug washer~~
c) ~~elsewhere , at~~

Maximum net power, measured : **10.98 kW at 7014 min⁻¹**

Maximum net torque, measured : **16.72 Nm at 5016 min⁻¹**

Maximum net power, rated : **11.0 kW at 7000 min⁻¹**

Maximum net torque, rated : **17.0 Nm at 5000 min⁻¹**

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

Test minutes anti-pollution devices

Appendix 4

- 0. Test condition
 - Test place : China National Motorcycle Testing Center(shanghai)
Shanghai, P.R.China
- 1 Test facilities : The test equipment used was in compliance with the requirements of the directive.
 - 1.1 Equivalent inertia mass : 410 kg
- acc. to section 5.2
 - 1.2 Absorbed power Pa : 1.37KW at 50 km/h
- acc. to section 5.2
 - 1.3 Method of setting according to : Annex II, Appendix 1, point 5.1.3 of the directive.
- 2 Test Vehicle(s)
 - 2.1 Type : XYKD260-2
Version : version1:XYKD260-2L
Variant : version2:XYKD260-2R
--- - 2.2 Identification number : L4BAHNDC565000001
 - 2.3 Masses
 - 2.3.1 Mass in running order : 359 kg
 - 2.3.2 Reference mass (mass in running order + 75 kg) : 434 kg
 - 2.3.3 Maximum mass of vehicle : 509 kg
 - 2.4 Gear box
 - 2.4.1. Transmission type : automatic
 - 2.4.2. Number of gear ratios : n.a.

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

2.4.3. Gear ratio

(primary) : 1.000
First gear : ---
Second gear : ---
Third gear : ---
Fourth gear : ---
Fifth gear : ---
Min. 0.8
Max. 2.6
Final drive ratio : 12.44

Tyres	front	rear
dimensions	175/70-10	255/60-10
dynamic rolling circumference	1660mm	1630mm

2.4.4. Check of performances referred to in annex II, appendix 1, paragraph 3.1.5. to this regulation : not applicable

2.5 Tire pressure of the driven wheel on the dynamometer : Front 150 kPa
Rear 150 kPa

3 Type I test : (verifying the average emission of gaseous pollutants in a congested urban area)

	CO [g/km]	HC [g/km]	NOx [g/km]	HC+NOx [g/km]
1st measured value*	2.582	0.539	0.330	---
2nd measured value*	4.095	0.657	0.399	---
3rd measured value*	3.973	0.587	0.384	---
mean value*	3.550	0.594	0.371	---
test result*	3.550	0.594	0.371	---
limit value 4-stroke	7.0	1.5	0.4	---
	1.0	---	---	1.2

* rounded value

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

4 Type II test : (verifying the emission of carbon monoxide at idling speed)

CO corr.	0.651 Vol. %	1.349Vol. %
idling speed	1650 min ⁻¹	2500 min ⁻¹
Engine oil temperature	97°C	97°C
limit value	4.5 %	

5 Reference fuel No. : CEC 08-A-85

Manufacturer : Xingyue Group Co., Ltd.
Type : XYKD260-2

Test minutes noise-measuring

Appendix 6

- 0. Test condition
 - Test place : China National Motorcycle Testing Center(shanghai)
Shanghai, P.R.China
- 1 Test facilities : The test equipment used was in compliance with the
requirements of the directive.
- 2 Test Vehicle(s)
 - 2.1 Type : XYKD260-2
Version : version1:XYKD260-2L
version2:XYKD260-2R
 - Variant : ---
 - 2.2 Identification number : L4BAHNDC565000001
- 2 Engine
 - 2.1 Manufacturer : Xinyue Group Co., Ltd.
 - 2.2 Type : XY170MM
 - 2.3 Model : four-stroke / ~~two-stroke~~
 - 2.4 Rated max. power : 11.0 kW at 7000 min⁻¹(95/1/EC)
(according to ...)
 - 2.5 Maximum design speed [km/h] : 70 km/h
- 3 Transmission : automatic transmission

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

4 Equipment

4.1 Exhaust silencer

Manufacturer or authorised representative : Xingyue Group Co., Ltd.

Model : expansion, reflection

EEC type-approval number : ---

Type : XYK260

in acc. with drawing no. : XYKD260-2-15

4.2 Intake silencer

Manufacturer or authorized representative : Xingyue Group Co., Ltd.

Model : air filter, dry

EEC type-approval number : not applicable

Type : - case
- element
- cover
- inlet duct

in acc. with drawing no. : XYKD260-2-13

4.3 Tyre size

- front : 175/70-10

- rear : 255/60-10

Manufacturer : **Xingyue Group Co., Ltd.**
Type : **XYKD260-2**

5 Measurement

5.1 Sound level of motorcycle in motion

5.1.1 Correction factor : not applicable

	Measurement result ₁₎		
	left-hand side dB(A) ₁₎	right-hand side dB(A) ₁₎	approach speed
1 st measurement	81	79	50 km/h 2 nd / 3 rd gear
2 nd measurement	80	80	50 km/h 2 nd / 3 rd gear
3 rd measurement	---	---	km/h 2 nd / 3 rd gear
Test result	80 dB(A)/E ³⁾		

5.2 Sound level of stationary motorcycle

	left dB(A) ⁴⁾	right dB(A) ⁴⁾	engine speed min⁻¹
1 st measurement	---	84	3500
2 nd measurement	---	86	3500
3 rd measurement	---	85	3500
Test result	86 dB(A)/E ³⁾		

1) measurement values are given rounded, with the 1dB(A) deduction in acc. with provisions of items 2.1.5.2 and 2.1.5.3. of Annex I

2) delete where inapplicable

3) 'E' indicates that the measurements in question were conducted in accordance with the Directive

4) measurement values are given rounded in acc. with the provisions of section 5.4.2 of Annex I

8 Vehicle submitted for test on : November 3, 2005 to November 23, 2005

Date of report : January 6, 2006