

EC Certificate of Conformity
for complete vehicles

The undersigned : EUI-SANG GWEON
hereby certifies that the vehicle :

0 1 Make : GM DAEWOO

0 2 Type : KLAS

Variant : SH3

Version : 233

0 2 1 Commercial name(s) : DAEWOO KALOS

0 4 Category : M1

0 5 Name and address of the manufacturer of the base vehicle

GM Korea Company
233, Bupyeong-daero, Bupyeong-Gu,
Incheon, Korea

0 6 Location of the statutory plates : On the left side of bulkhead
dash panel of the engine compartment

Vehicle identification number :

Location of the vehicle identification number on the chassis :
On the right side of bulk head dash panel of the engine compartment
Conforms in all respects to the complete type described in

Type approval number : e4*2001/116*0063*05

Date : (mm/dd/yy) : 07/30/2003

The vehicle can be permanently registered without further approvals in the
Member States having right/left hand traffic and using metric/imperial units
for the speedometer

Incheon, Korea
(Place)

10/07/2003
(Date : mm/dd/yy)

E. S. Gweon

(Signature)

Senior Research Engineer

Vehicle Certification Department

(Position)

Official note : _____

Manufacturer note : _____

1. Number of Axles : 2 and wheels : 4
2. Powered axles : 1, front
3. Wheelbase : 2480 mm
5. Axle(s) track : 1. 1450 mm 2. 1410 mm
- 6.1. Length : 3880 mm
- 7.1 Width : 1670 mm
8. Height : 1495 mm
11. Rear overhang : 587 mm
- 12.1. Mass of the vehicle with bodywork in running order : 1105 kg*
- 14.1. Technically permissible maximum laden mass : 1535 kg
- 14.2. Distribution of this mass among the axles : 1. 814 kg 2. 721 kg
- 14.3. Technically permissible maximum mass on each axle : 1. 840 kg 2. 810 kg
16. Maximum permissible roof load : 100 kg
17. Maximum mass of trailer (braked) : 1100 kg, (unbraked) : 500 kg
18. Maximum mass of the combination : 2635 kg
- 19.1. Maximum vertical load at the trailer coupling point : 50 kg
20. Engine manufacturer : GM Daewoo
21. Engine code : F14D3
22. Working Principle : Positive ignition, Four stroke
- 22.1. Direct injection : No
23. Number and arrangement of cylinders : 4, in-line
24. Capacity : 1399 cm³
25. Fuel : Petrol
26. Maximum net power : 69 kw at 6200 min⁻¹
27. Clutch (type) : Single plate dry disc
28. Gearbox (type) : Manual
29. Gear ratios : 1 3.545 2. 1.952 3. 1.276 4. 0.971 5. 0.763
30. Final drive ratio : 3.944
32. Tyres and wheels : axle 1 : 185/60R14, 82H, 5.5JX14, OFFSET 45MM
axle 2 : 185/60R14, 82H, 5.5JX14, OFFSET 45MM
34. Steering, method of assistance : RACK & PINION, HYDRAULIC
35. Brief description of the braking device : Two circuit diagonal Brake ABS
Service brake system : Foot pedal type, Two circuits, Diagonal Distribution
Emergency brake system : Circuit 1 or Circuit II of service brake system
Parking brake system : Hand-operated braking device operating on axle 2
37. Type of body : AB HATCHBACK
38. Colour of vehicle : BLACK
41. Number and configuration of doors : 4, 2 on each side
- 42.1. Number and position of seats : 5, 2 front seats 3 rear seats
- 43.1. Approval mark of coupling device, if fitted : -
44. Maximum speed : 176 km/h
45. Sound level : Stationary : 84 dB(A), at engine speed : 4650 min⁻¹
Drive-by : 69.0 dB(A),
- 46.1. Exhaust emission : 2001/100A CO : 0.85 g/km HC : 0.10 g/km NOx : 0.02 g/km
HC+Nox : g/km Smoke : m⁻¹ Particulates : g/km
- 46.2. CO2 emissions/fuel consumption
- CO2 : 171 g/km
- urban conditions : 8.6 l/100km
- extra-urban conditions : 6.1 l/100km
- combined : 7.0 l/100km
47. Fiscal power of category : Italy : France : Spain : Belgium : Germany
Luxembourg : Denmark : Netherlands : Greece : United kingdom :
Ireland : Portugal : Austria : Sweden : Finland :
50. Remark
No 12 1* : upto 1160
51. Exemptions :