



VCA Headquarters
1 The Eastgate Office Centre
Eastgate Road
Bristol, BS5 6XX
United Kingdom

Switchboard: +44 (0) 117 951 5151
Main Fax: +44 (0) 117 952 4103
Email: enquiries@vca.gov.uk
Web: www.vca.gov.uk

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/
APPROVAL EXTENDED ⁽¹⁾/ APPROVAL REFUSED ⁽¹⁾/ APPROVAL
WITHDRAWN ⁽¹⁾/ PRODUCTION DEFINITELY DISCONTINUED ⁽¹⁾ OF A TYPE
OF MECHANICAL COUPLING DEVICE OR COMPONENT, PURSUANT TO
REGULATION NO 55.01

Approval No: 55R-016279

Extension No: Not applicable

1. Trade name or mark of the device or component: VBG
2. Manufacturer's name for the type of device or component: MHCD-2
3. Manufacturer's name and address:

VBG GROUP AB
Box 1216
462 28 Vänersborg
Sweden
4. If applicable, name and address of the manufacturer's representative: Not applicable
5. Alternative supplier's names or trade marks applied to the device or component: Not applicable
6. Name and address of company or body taking responsibility for the conformity of production:
See point 3. above
7. Submitted for approval on: 31 August 2011
8. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH
9. Brief description: Non-standard drawbar
- 9.1. Type and class of device or component: MHCD-2, E

EAM242398

An executive agency of the Department for Transport
July 2010 Issue 2



9.2. Characteristic values:

9.2.1. Primary values:

D = 162 kN Dc..... kN S..... kg
 U.....tonnes V..... kN

Alternative values:

D..... kN Dc..... kN S..... kg
 U.....tonnes V..... kN

9.3. For Class A mechanical coupling devices or components, including towing brackets:

Vehicle manufacturer's maximum permissible vehicle mass: kg

Distribution of maximum permissible vehicle mass between the axles:


Vehicle manufacturer's maximum permissible towable trailer mass: kg

Vehicle manufacturer's maximum permissible static mass on coupling ball: kg

Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver: kg

Loading condition under which the tow ball height of a mechanical coupling device fitted to category M1 vehicles is to be measured -see paragraph 2 of annex 7, appendix 1

10. Instructions for the attachment of the coupling device or component type to the vehicle and photographs or drawings of the mounting points given by the vehicle manufacturer: See manufacturers documentation
11. Information on the fitting of any special reinforcing brackets or plates or spacing components necessary for the attachment of the coupling device or component: Not applicable
12. Additional information where the use of the coupling device or component is restricted to special types of vehicles - see annex 5, paragraph 3.4. Not applicable
13. For Class K hook type couplings, details of the drawbar eyes suitable for use with the particular hook type. Not applicable

14. Date of test report: 5 September 2011
15. Number of test report: 06-00561-CX-GBM extension 01
16. Approval mark position: On label mounted on the top of the middle section of the drawbar
17. Reason(s) for extension of approval: Not applicable
18. Approval GRANTED/~~EXTENDED~~/~~REFUSED~~/~~WITHDRAWN~~ ⁽¹⁾
19. Place: BRISTOL
20. Date: 09 SEPTEMBER 2011
21. Signature:  A. W. STENNING
Head of Technical and Quality Group
22. The list of documents deposited with the Administration Service which has granted approval is annexed to this communication and may be obtained on request.

(1) Strike out what does not apply.

VBG GROUP

INFORMATION DOCUMENT No MHCD-1-R55+00-Idoc (e11*94/20*6279*01 / E11 55R 016279)

relating to the EEC and ECE type-approval as a component of mechanical coupling devices
for motor vehicles and their trailers (94/20/EC and UNECE 55-01).

0. GENERAL

0.1. Make (trade name of manufacturer): VBG

0.2. Type and commercial description(s): MHCD-2

versions: Drawbar equipped with 50 mm drawbar eye
Drawbar equipped with 57,5 mm drawbar eye
Drawbar equipped with MFC/DW
Drawbar equipped with MFC/DW-H

0.5 Name and address of manufacturer: VBG GROUP AB
Box 1216
S-462 28 Vänersborg
Sweden

0.7. Location and method of affixing of the EEC approval mark:

On label mounted on the top of the middle section of the drawbar

0.8 Address(es) of assembly plant(s): VBG GROUP TRUCK EQUIPMENT AB
Tenggrenstorpsvägen 11
S-462 28 Vänersborg
Sweden

1. CONNECTIONS BETWEEN DRAWING VEHICLES AND TRAILERS AND SEMITRAILERS

1.1. Detailed technical description (including drawings and material specifications) of the type of the mechanical coupling device:

Hinged drawbar for mounting on a towed vehicle.
Overall dimensions: See enclosed information drawings.
Drawings and material specification: See enclosed list.

1.2. Class and type of coupling device(s): Class E, Non-standard drawbar.

1.3. Maximum D-value: 162 kN

Dc-value: Not applicable

1.4. Maximum vertical load S at the coupling point: Not applicable

1.5. Maximum load U at the fifth wheel coupling: Not applicable

1.6. Maximum V-value: Not applicable

1.7. Instructions for attachment of the coupling type to the vehicle, additional information regarding restrictions of use to special types of vehicles:

See enclosed mounting instructions.
Maximum permitted axle load of the steered axle, $A_v = 18$ tonnes.

1.8. Information on the fitting of special towing brackets or mounting plates:
Not applicable

2011-Aug-31 / JON

