

THE NETHERLANDS  
(N E D E R L A N D)

## COMMUNICATION

Concerning <sup>(1)</sup>:

- ~~approval granted~~
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitively discontinued~~

of a type of mechanical coupling device or component pursuant to Regulation number 55.

**Approval number: E4\*55R01/07\*0332\*01**

- |    |  |   |  |
|----|--|---|--|
| 1. | Trade name or mark of the device or component  | : | VBG  |
| 2. | Manufacturer's name for the type of device or component                                    | : | DBE 173  |
| 3. | Manufacturer's name and address  | : | VBG GROUP AB<br>Herman Kreftings gata 4<br>S-462 28 Vänersborg<br>Sweden |
| 4. | If applicable, name and address of the manufacturer's representative                       | : | Not applicable   |
| 5. | Alternative supplier's names or trademarks applied to the device or component              | : | Not applicable   |
| 6. | Name and address of company or body taking responsibility for the conformity of production | : | Same as item 3.  |
| 7. | Submitted for approval on  | : | 04.06.2018   |
| 8. | Technical service responsible for conducting approval tests                                | : | TÜV SÜD Auto Service GmbH  |

**Approval number: E4\*55R01/07\*0332\*01**

9. Brief description : non standard drawbar eye 57mm

9.1. Type and class of device or component : DBE 173, S

9.2. Characteristic values :

9.2.1. Primary values:

D (kN)	D <sub>c</sub> (kN)	S (kg)	U (tonnes)	V (kN)
225	--	--	--	--

Alternative values:

D (kN)	D <sub>c</sub> (kN)	S (kg)	U (tonnes)	V (kN)
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9.3. For class A mechanical coupling devices or components, including towing brackets:  
Not applicable

Vehicle manufacturer's maximum  
permissible vehicle mass :

Distribution of maximum permissible  
vehicle mass between the axles :

Vehicle manufacturer's maximum  
permissible towable trailer mass :

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

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

Loading condition under which the  
tow ball height of a mechanical  
coupling device fitted to category  
M1 <sup>(2)</sup> vehicles is to be measured –  
see paragraph 2 of annex 7, appendix 1 :

9.4. For class B coupling heads, is the  
coupling head intended to be fitted to  
an unbraked Q1 trailer : Not applicable  
yes/no <sup>(1)</sup>

10. Instructions for the attachment of the coupling device or component type to the vehicle and  
photographs or drawings of the mounting points (see Annex 2, Appendix 1) given by the  
vehicle manufacturer:

See manufacturers documents



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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 (see Annex 2, Appendix 1):  
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.:  
See manufacturers documentation
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 : 04.06.2018
15. Number of test report : 13-00840-CX-GBM including extension 01
16. Approval mark position : Type plate on the upper side of the drawbar eye
17. Reason(s) for extension of approval : Increase of D-value, update of regulation
18. Approval : ~~granted~~/extended/~~refused~~/~~withdrawn~~<sup>(1)</sup>
19. Place : Zoetermeer
20. Date : 02-JUL-2018
21. Signature :



**R. F. R. Clement**

22. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request.

<sup>(1)</sup> Strike out what does not apply.

<sup>(2)</sup> As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 - [www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html](http://www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html).

## INFORMATION DOCUMENT No DBE173-R55+01-Idoc

relating to the UNECE type-approval as a component of mechanical coupling devices for motor vehicles and their trailers (ECE 55R).

### 0. GENERAL

- 0.1. Make (trade name of manufacturer): VBG
- 0.2. Type and commercial description(s): DBE 173
- 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 and ECE approval mark:  
Type plate on the upper side on drawbar eye.
- 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:

57 mm welded on drawbar eye.  
Overall dimensions: See enclosed data.  
Drawings and material specifications:  
See enclosed list.

- 1.2. Class and type of coupling device(s):

Class S, Non-standard miscellaneous coupling device (drawbar eye type).

- 1.3. Maximum D-value: 225 kN  
Dc-value: - - - - -

- 1.4. Maximum vertical load S at the coupling point: 0 kg (hinged drawbar trailers)

- 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.

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

2018-Jun-04 JON

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