



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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/ APPROVAL WITHDRAWN 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



Approval No: 55R-015820

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: DBE157
3. Manufacturer's name and address:  
VBG GROUP AB  
Herman Kreftings gata 4  
S-46228 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:  
Same as item 3
7. Submitted for approval on: 17 February 2014
8. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH



9. Brief description: Non-standard drawbar eye

9.1. Type and class of device or component: DBE157, S

9.2. Characteristic values:

9.2.1. Primary values:

D 290 kN Dc 135 kN S 1000 kg

U.....tonnes V 75 kN

Alternative values:

D..... kN Dc..... kN S 2500 kg

U.....tonnes V 63 kN

9.3. For Class A mechanical coupling devices or components, including towing brackets: Not applicable

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 M<sub>1</sub> 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 O<sub>1</sub> trailer YES/NO Not applicable

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 information document

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: 17 February 2014
15. Number of test report: 14-00111-CX-GBM
16. Approval mark position: Type plate on the component
17. Reason(s) for extension of approval: Not applicable
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~ (1)
19. Place: BRISTOL
20. Date: 21 MARCH 2014

21. Signature:



A. W. STENNING  
Head of Technical and Quality Support 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.

Any remarks: Approval to Supplement 3

- (1) ~~Strike out what does not apply.~~

## INFORMATION DOCUMENT No DBE157-55R+00-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 157
- 0.5. Name and address of manufacturer: VBG GROUP AB  
Herman Kreftings gata 4  
S-462 28 Vänersborg  
Sweden
- 0.7. Location and method of affixing of the ECE approval mark:  
Type plate on the upper side of the drawbar eye shaft
- 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 drawbar eye for mounting with special clamp  
Drawings and material specifications: See enclosed list.
- 1.2. Class and type of coupling device(s):  
Class S, non standard drawbar eye 57
- 1.3. Maximum D-value: 290 kN  
Dc-value: 135 kN
- 1.4. Maximum vertical load S at the coupling point: 1000 kg alt-1: 2500 kg
- 1.5. Maximum load U at the fifth wheel coupling: Not applicable
- 1.6. Maximum V-value: 75 kN alt-1: 63 kN
- 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

2014-FEB-17 / JON

