



Vehicle
Certification
Agency

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~~APPROVAL REFUSED~~⁽¹⁾/ ~~APPROVAL WITHDRAWN~~⁽¹⁾/ ~~PRODUCTION DEFINITELY~~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-015819

Extension No: 02

1. Trade name or mark of the device or component: VBG
2. Manufacturer's name for the type of device or component: DBE153
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 trademarks applied to the device or component: Not applicable
6. Name and address of company or body taking responsibility for the conformity of production:
See item 3
7. Submitted for approval on: As before and 14 November 2019
8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH

EAV478979



9. Brief description: DBE153 non-standard drawbar-eye (57mm)

9.1. Type and class of device or component: DBE153, S

9.2. Characteristic values:

9.2.1. Primary values:

D 250 kN D_c 152 kN S 100 kg

U - tonnes V 63 kN

Alternative values:

D - kN D_c - kN S - kg

U - tonnes V - kN

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

Vehicle manufacturer's maximum permissible vehicle mass: Not applicable

Distribution of maximum permissible vehicle mass between the axles: Not applicable

Vehicle manufacturer's maximum permissible towable trailer mass: Not applicable

Vehicle manufacturer's maximum permissible static mass on coupling ball: Not applicable

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


Loading condition under which the tow ball height of a mechanical coupling device fitted to category M₁⁽²⁾ vehicles is to be measured -see paragraph 2 of Annex 7, Appendix 1:
Not applicable

9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O₁ 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 (see Annex 2, Appendix 1) given by the vehicle manufacturer: See manufacturer's 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 (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: 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: As before and 14 November 2019
15. Number of test report: 13-00195-CX-GBM including extension 02
16. Approval mark position: Upper side of the drawbar eye shaft
17. Reason(s) for extension of approval: Increased D_c value
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~⁽¹⁾
19. Place: BRISTOL
20. Date: 18 NOVEMBER 2019
21. Signature:  D LAWLOR
Chief Technical and Statutory Operations Officer
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 6

- (1) Strike out what does not apply.
- (2) 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.

INFORMATION DOCUMENT No DBE153-R55+02-Idoc

relating to the EEC and 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 153
- 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 three M20 screws

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: 250 kN
Dc-value: 152 kN

- 1.4. Maximum vertical load S at the coupling point: 1000 kg

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

- 1.6. Maximum V-value: 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

2019-11-14 / MH

