

ECE TYPE-APPROVAL CERTIFICATE

Communication concerning the approval granted of a type of mechanical coupling device or component pursuant to Regulation No.55.



Approval No: **E24 55R-010426**

Extension No: *N/A*

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| Reason for extension: | <i>N/A.</i> |
| 1. Trade name or mark of the device or component: | <i>VBG</i> |
| 2. Manufacturer's name for the type of device or component: | <i>DW35V</i>
<i>Non-standard Drawbar wedge</i> |
| Version(s): | <i>DW35V (Standard)</i>
<i>DW35V – H (with hydraulic)</i> |
| 3. Manufacturer's name and address: | <i>VBG GROUP AB</i>
<i>Herman Krefnings gata 4</i>
<i>S-46228 Vänersborg</i>
<i>Sweden</i> |
| 4. If applicable, name and address of the manufacturers representative: | <i>N/A</i> |
| 5. Alternative supplier's names or trade marks applied to the device or component: | <i>N/A</i> |
| 6. Name and address of the company or body taking responsibility for the conformity of production: | <i>See 3. above</i> |
| 7. Submitted for approval on: | <i>25.06.2015</i> |
| 8. Technical service responsible for conducting approval tests: | <i>TÜV SÜD Auto Service GmbH</i>
<i>Westendstrasse 199</i>
<i>D-80868 München</i>
<i>Germany</i> |
| 9. Brief description | |
| 9.1 Type and class of device or component: | <i>Type: DW35V</i>
<i>Class: S</i> |

9.2 Characteristic values

9.2.1 Primary values:

D: **188kN**
 Dc: **147 kN**
 S: **1000 kg**
 U: **--**
 V: **35kN**

Alternative values:

D: **--**
 Dc: **--**
 S: **--**
 U: **--**
 V: **--**

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

Vehicle manufacturer's maximum permissible vehicle mass: *N/A*

Distribution of maximum permissible vehicle mass between the axles: *N/A*

Vehicle manufacturer's maximum permissible towable trailer mass: *N/A*

Vehicle manufacturer's maximum permissible static mass on coupling ball: *N/A*

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

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: *N/A*

9.4 For class B coupling heads, is the coupling head intended to be fitted to an unbraked O1 trailer: (yes/no) *N/A*

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 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 manufacturer's documentation.*

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| 12. | Additional information where the use of coupling device or component is restricted to special types of vehicles - see annex 5, paragraph 3.4: | <i>See manufacturer's documentation.</i> |
| 13. | For Class K hook type couplings, details of the drawbar eyes suitable for use with the particular hook type: | <i>N/A</i> |
| 14. | Date of test report: | <i>04.06.2015</i> |
| 15. | Number of test report: | <i>15-00260-CX-GBM</i> |
| 16. | Approval mark position: | <i>Type plate on the flat face on upper side on drawbar wedge.</i> |
| 17. | Reason(s) for extension of approval: | <i>N/A.</i> |
| 18. | Approval granted/ extended/refused/withdrawn : | <i>Granted.</i> |
| 19. | Place: | <i>Dublin</i> |
| 20. | Date: | <i>23rd July, 2015.</i> |
| 21. | Signature:  |  |
| 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. | |

INFORMATION DOCUMENT No DW35V-R55+00-Idoc

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

0. GENERAL
- 0.1. Make (trade name of manufacturer): VBG
- 0.2. Type and commercial description(s): DW35V
- versions: DW35V (standard)
DW35V -H (with hydraulic)
- 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 flat face on upper side on drawbar wedge
- 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:
Drawbar wedge for Fully automatic drawbar coupling
Overall dimensions: See enclosed information drawings.
Drawings and material specifications: See enclosed list.
- 1.2. Class and type of coupling device(s):
Class S, Non-standard miscellaneous coupling device.
- 1.3. Maximum D-value: 188 kN
Dc-value: 147 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: 35 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

2015-jun-04 JON