

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

COMMUNICATION

Concerning ⁽¹⁾:

- approval granted
- approval extended
- approval refused
- approval withdrawn
- production definitely discontinued

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

Approval number: E4*55R01/09*0063*04

1. Trade name or mark of the device or component : VBG
2. Manufacturer's name for the type of device or component : 750 V
3. Manufacturer's name and address : VBG GROUP AB
Herman Kreftings gata 4
S-462 28 Vänersborg
4. If applicable, name and address of the manufacturer's representative : Not applicable
5. Alternative supplier's name 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 : 16.07.2021
8. Technical service responsible for conducting approval tests : TÜV SÜD Auto Service GmbH



Approval number: E4*55R01/09*0063*04

9. Brief description : Automatic non standard clevis type drawbar coupling

9.1. Type and class of device or component : 750 V, S

9.2. Characteristic values :

9.2.1. Primary values:

D (kN)	D _c (kN)	S (kg)	U (tonnes)	V (kN)
190	120	1000	--	50

Alternative values:

D (kN)	D _c (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 : ... 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 :

9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O1 trailer : Not applicable
: yes/no⁽¹⁾

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 documentation



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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.:
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 : 16.07.2021
15. Number of test report : 09-00647-CX-GBM-04
16. Approval mark position : Type plate on the right side of the coupling mechanism
17. Reason(s) for extension of approval : Addition of drawbar guide
Modification of second safety
Update of Regulation
18. Approval : ~~granted/extended/refused/withdrawn~~⁽¹⁾
19. Place : Zoetermeer
20. Date : 25 October 2021
21. Signature : 

T. H. K. Spatz
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.
23. Remarks:

⁽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.

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): 750V
versions: 750V (standard manual) optional
750V B (B-handle manual)
750V-PA (with air actuator)
750V- AM (air mechanism)
750V-3 (standard manual)
750V-3 PA (with air actuator)
750V-3 AM (air mechanism)
- 0.5. Name and address of manufacturer: VBG GROUP AB
S-462 28 Vänersborg
Sweden
- 0.7. Location and method of affixing of the ECE approval mark:
Type plate on the upper right side of the coupling jaw
- 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:
Rubber buffered drawbar coupling intended for 57 mm drawbar eye
(Class S)
Overall dimensions: See enclosed information drawings.
Drawings and material specifications: See enclosed list.
- 1.2. Class and type of coupling device(s):
Class S, miscellaneous coupling device (drawbar coupling type)
- 1.3. Maximum D-value: 190 kN
Dc-value: 120 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: 50 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