

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

COMMUNICATION

Concerning ⁽¹⁾:

- ~~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- ~~approval withdrawn~~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*55R01/09*0067*03

1. Trade name or mark of the device or component : VBG
2. Type of device or component : 8500
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 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 : 11.08.2021
8. Technical service responsible for conducting approval tests : TÜV SÜD Auto Service GmbH
9. Brief description : non standard drawbar coupling clevis type 50



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9.1. Type and class of device or component : 8500, C50-X

9.2. Characteristic values :

9.2.1. Primary values:

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

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:

Vehicle manufacturer's maximum permissible vehicle mass : ... kg

Distribution of maximum permissible vehicle mass between the axles : ... kg

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 ⁽²⁾ vehicles is to be measured – see paragraph 2 of annex 7, appendix 1 : According to manufacturer documentation

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 documents

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



Approval number: E4*55R01/09*0067*03

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 : 11.08.2021

15. Number of test report : 09-00614-CX-GBM-03

16. Approval mark position : Type plate on coupling head

17. Reason(s) for extension of approval : Updated regulation, modified second safety locking

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 Type Approval Authority 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.

VBG GROUP

INFORMATION DOCUMENT No 8500-R55+03-Idoc

relating to the UNECE type-approval as a component of mechanical coupling devices for motor vehicles and their trailers (R55).

0. GENERAL

- 0.1. Make (trade name of manufacturer): VBG
- 0.2. Type and commercial description(s): 8500
- versions: 8500 (standard manual) optional
8500 B (B-handle manual)
8500-PA (with air actuator)
8500 AM (air mechanism)
8500-3 (standard manual)
8500-3 PA (with air actuator)
8500-3 AM (air mechanism)
- 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 left side of the guiding funnel
- 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: Automatic rubber buffered drawbar coupling intended for standard drawbar eye 50 mm. Overall dimensions: See enclosed data drawing. Drawings and material specifications: See enclosed list.
- 1.2. Class and type of coupling device(s): C 50-X , Non-standard drawbar couplings 50
- 1.3. Maximum D-value: 190 kN
Dc-value: - - - kN
- 1.4. Maximum vertical load S at the coupling point: 0 kg (*)
- 1.5. Maximum load U at the fifth wheel coupling: not applicable
- 1.6. Maximum V-value: - - - kN
- 1.7. Instructions for attachment of the coupling type to the vehicle, additional information regarding restrictions of use to special types of vehicles:
Mounting dimensions 160x100 according to ISO 3584, weight category 3.
- (*) Coupling intended only for hinged drawbar trailers
See enclosed mounting instructions.
- 1.8. Information on the fitting of special towing brackets or mounting plates:
Not applicable