



RDW

Vehicle Technology Division

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



COMMUNICATION

Concerning <sup>(1)</sup>:

- ~~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- ~~approval withdrawn~~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: E4-55R-010067**

**Extension number: 01**

1. Trade name or mark of the device or component : VBG
2. Manufacturer's name for the type of device or component : 8500
3. Manufacturer's name and address : VBG GROUP AB  
Herman Kreftings gata 4  
S-462 28 Vänersborg  
Sweden
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 : 07.07.2014
8. Technical service responsible for conducting approval tests : TÜV SÜD Auto Service GmbH



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

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

9.2. Characteristic values :

9.2.1. Primary values:

D (kN)	D <sub>c</sub> (kN)	S (kg)	U (tonnes)	V (kN)
190	--	--	-	--

Alternative values:

D (kN)	D <sub>c</sub> (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 :

Distribution of maximum permissible vehicle mass between the axles :

Vehicle manufacturer's maximum permissible towable trailer mass :

Vehicle manufacturer's maximum permissible static mass on coupling ball :

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

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 01 trailer : Not applicable  
: ~~yes~~/no<sup>(1)</sup>

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 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:  
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.:  
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 : 07.07.2014
15. Number of test report : 09-00614-CX-GBM extension 01
16. Approval mark position : Type plate on the right side of the coupling mechanism
17. Reason(s) for extension of approval : Minor modifications, optional pneumatic opening
18. Approval : ~~granted/extended/refused/withdrawn~~<sup>(1)</sup>
19. Place : Zoetermeer
20. Date : 13-OCT-2014
21. Signature :

**R.F.R. Clement**

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.

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<sup>(1)</sup> Strike out what does not apply.

## INFORMATION DOCUMENT No 8500-R55+01-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)
- 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

2014-07-07 JON

