



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ APPROVAL EXTENDED <sup>(1)</sup>/  
APPROVAL REFUSED <sup>(4)</sup>/ APPROVAL WITHDRAWN <sup>(4)</sup>/ PRODUCTION DEFINITELY  
DISCONTINUED <sup>(4)</sup> OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT,  
PURSUANT TO REGULATION NO 55.01



Approval No: 55R-016775

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: 5190D
3. Manufacturer's name and address:  
VBG Group AB  
462 28 Vänersborg  
Sweden
4. If applicable, name and address of the manufacturer's representative: Not applicable
5. Alternative supplier's names 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:  
See item 3.
7. Submitted for approval on: As before and 04 July 2014
8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH



9. Brief description: Non-standard drawbar coupling 50

9.1. Type and class of device or component: 5190D, C50-X

9.2. Characteristic values:

9.2.1. Primary values:

D: 200 kN                      Dc..... kN                      S..... kg

U.....tonnes                      V..... kN

Alternative values:

D..... kN                      Dc..... kN                      S..... kg

U.....tonnes                      V..... kN

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

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 M<sub>1</sub> 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 O<sub>1</sub> 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 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: 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 04 July 2014
15. Number of test report: 08-00179-CX-GBM and up to Extension 04
16. Approval mark position: Type plate on the component
17. Reason(s) for extension of approval: To cover  
1) Change of name of technical service  
2) Minor modification  
3) Optional pneumatic opening  
4) Minor change of manufacturer's address

18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~<sup>(1)</sup>

19. Place: BRISTOL

20. Date: 10 JULY 2014

21. Signature:



A. W. STENNING  
Head of Technical and Quality Support Group

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 03

(1) Strike out what does not apply.

INFORMATION DOCUMENT No 5190D-R55+02-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): 5190 D
- versions: 5190 D (standard manual)  
5190 D- PA (with air actuator)  
5190 D- AM (air mechanism)
- 0.5 Name and address of manufacturer: VBG GROUP AB  
Herman Kreflings gata  
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 coupling drawbar.

- 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 50 mm drawbar eye , Class C 50 X  
Overall dimensions: See enclosed information drawings.  
Drawings and material specifications: See enclosed list.
- 1.2. Class and type of coupling device(s):
- Class C 50 - X, Nonstandard drawbar couplings 50
- 1.3. Maximum D-value: 200 kN  
Dc-value: - - - - -
- 1.4. Maximum vertical load S at the coupling point: Not applicable
- 1.5. Maximum load U at the fifth wheel coupling: Not applicable
- 1.6. Maximum V-value: Not applicable
- 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

