



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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~~APPROVAL REFUSED ⁽⁴⁾/ APPROVAL WITHDRAWN ⁽⁴⁾/ PRODUCTION DEFINITELY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



Approval No: 55R-0110486

Extension No: Not applicable

1. Trade name or mark of the device or component: VBG
2. Manufacturer's name for the type of device or component: 303 AUS
3. Manufacturer's name and address:
VBG GROUP AB
S-46228 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:
Same as 3
7. Submitted for approval on: 05 December 2014
8. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH

EAQ313329



9. Brief description: Non-standard drawbar coupling 50

9.1. Type and class of device or component: 303 AUS; C50-X

9.2. Characteristic values:

9.2.1. Primary values:

D 320 kN Dc 135 kN S 1000 kg

U.....tonnes V 75 kN

Alternative values:

D..... kN Dc 135 kN S 2000 kg

U.....tonnes V 63 kN

Alternative values:

D..... kN Dc 135 kN S 2500 kg

U.....tonnes V 50 kN

Alternative values:

D..... kN Dc 170 kN S 1000 kg

U.....tonnes V 60 kN

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: kg

Vehicle manufacturer's maximum permissible towable trailer mass: kg

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

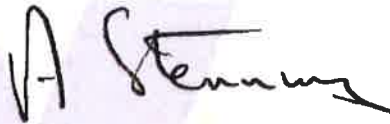
Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver: kg

Loading condition under which the tow ball height of a mechanical coupling device fitted to category M₁ 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
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 manufacturers document

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: 18 December 2014
- 15. Number of test report: 14-00862-CX-GBM
- 16. Approval mark position: Type plate on component
- 17. Reason(s) for extension of approval: Not applicable
- 18. Approval GRANTED/~~EXTENDED/REFUSED~~WITHDRAWN (1)
- 19. Place: BRISTOL
- 20. Date: 09 JANUARY 2015
- 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 3

(1) Strike out what does not apply.



Information Document No **303 AUS**

relating to the ECE Type Approval as a component of mechanical coupling devices for vehicles and their trailers (ECE 55-01).

0. GENERAL

0.1. Make (trade name of manufacturer): **RINGFEDER or VBG**

0.2. Type and commercial description(s): **Type 303 AUS, automatic drawbar coupling**

0.5. Name and address of manufacturer: **VBG GROUP AB, BOX 1216 , 46228 Vänersborg, S**

0.7. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: **On type plate glued or riveted on the coupling head**

0.8. Address(es) of assembly plant(s):

VBG GROUP TRUCK EQUIPMENT AB and VBG GROUP TRUCK EQUIPMENT GMBH	
Tenggrenstorpsvägen 11	Oberschlesienstraße 15
S- 462 00 Vänersborg	47807 Krefeld
Sweden	Germany

1. CONNECTIONS BETWEEN DRAWING AND TRAILERS AND SEMI-TRAILERS

1.1. Detailed technical description (including drawings and material specifications) of the type of the mechanical coupling device: **see enclosures**

1.2. Class and type of the coupling device(s): **Class C50-X , type 303 AUS**

1.3. Maximum D-value: **320 kN**

Maximum Dc-value: **135 kN or 170kN in comb. with S=1000kg and V=60kN**

1.4. Maximum vertical load S at the coupling: **1000kg or 2000kg or 2500kg or 1000kg**
and and and and

1.6. Maximum V-value: **75 kN 63 kN 50 kN 60 kN**

1.7. Instructions of attachment of the coupling type to the vehicle and photographs or drawing of the fixing points at the vehicle given by the manufacturer; additional information if use of the coupling type is restricted to special types of vehicles:

See Installation- and Operation Instructions

1.8. Information of the fitting of special towing brackets or mounting plates :-----

Date, Name

2014-12-05 M. Huckenbeck

