



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE ~~APPROVAL GRANTED⁽⁴⁾~~ / APPROVAL EXTENDED⁽¹⁾ /
~~APPROVAL REFUSED⁽⁴⁾~~ / ~~APPROVAL WITHDRAWN⁽⁴⁾~~ / PRODUCTION DEFINITELY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-015984

Extension No: 03

1. Trade name or mark of the device or component: RINGFEDER or VBG
2. Manufacturer's name for the type of device or component: 663/KA3, automatic standard hook type coupling.
3. Manufacturer's name and address:
VBG Group AB
S- 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 06 December 2017
8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH

9. Brief description: Non-standard hook coupling
- 9.1. Type and class of device or component: 663/KA3, K (subclass K3)
- 9.2. Characteristic values:
- 9.2.1. Primary values:
 D: 190 kN Dc: 120 kN S: 1000 kg
 U: - tonnes V: 64 kN
 Alternative values:
 D: - kN Dc: - kN S: 1500 kg
 U: - tonnes V: 54 kN
 Alternative values:
 D: - kN Dc: - kN S: 2000 kg
 U: - tonnes V: 48 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:
- 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⁽¹⁾ 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, mounting instruction.
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: Class L and VG 74059 (Nato)
14. Date of test report: As before and 06 December 2017
15. Number of test report: 06-00070-CX-GBM including extension 03
16. Approval mark position: On type plate mounted on the side of the jaw
17. Reason(s) for extension of approval: To cover
1) Increase of D-value
2) Change of name of technical service
3) Modified drawings
4) Update of ECE Regulation
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~⁽¹⁾
19. Place: BRISTOL
20. Date: 14 FEBRUARY 2018
21. Signature:  D LAWLOR
Chief Technical and Statutory Operations Officer
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 6

(1) Strike out what does not apply.

Information Document No **663 / KA3**

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): **663/KA3,
automatic standard hook type coupling**

0.5. Name and address of manufacturer: **VBG GROUP AB , 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 mounted on the side of the jaw**

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

**VBG GROUP TRUCK EQUIPMENT AB
S- 462 28 Vänersborg
Sweden**

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): **K; 663/KA3**

1.3. Maximum D-value ⁽¹⁾: **190 kN**

Maximum Dc-value **120 kN**

1.4. Maximum vertical load S at the coupling ⁽¹⁾: **1000kg or 1500kg or 2000kg
and and and**

1.6. Maximum V-value ⁽¹⁾: **64 kN 54 kN 48 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 vehicles:

See Installation- and Operation Instructions

1.8. Information of the fitting of special towing brackets or mounting plates ⁽¹⁾:

Date, Name

06.12.2017 M. Huckenbeck

