



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APPROVAL REFUSED ⁽⁴⁾/ APPROVAL WITHDRAWN ⁽⁴⁾/ PRODUCTION DEFINITELY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-016291

Extension No: 02

1. Trade name or mark of the device or component: RINGFEDER or VBG
2. Manufacturer's name for the type of device or component: 4040/G145
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:
See item 3
7. Submitted for approval on: As before and 01 April 2015
8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH



9. Brief description: Automatic drawbar coupling

9.1. Type and class of device or component: 4040/G145, S

9.2. Characteristic values:

9.2.1. Primary values:

D: 100 kN Dc: 92 kN S: 1000 kg

U: - tonnes V: 38kN

Alternative values: Not applicable

D..... kN Dc..... 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: 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

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 01 April 2015
- 15. Number of test report: 10-00769-CX-GBM Extension 02
- 16. Approval mark position: On type plate glued or riveted on the coupling head
- 17. Reason(s) for extension of approval: To cover modified secondary safety device.
- 18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~⁽¹⁾

19. Place: BRISTOL

20. Date: 18 JUNE 2015

21. Signature:  D LAWLOR
Head of Technology, Standards and Legislation

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 **4040/G145**

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 4040/G145, automatic drawbar coupling**
- 0.5. Name and address of manufacturer:
**VBG GROUP AB,
Herman Kreftings gata 4
S-46228 Vänersborg, Schweden**
- 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,
Tenggrenstorpsvägen 11
S-46228 Vänersborg, Schweden**
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 S , type 4040/G145**
- 1.3. Maximum D-value: **100 kN**
Maximum Dc-value: **92 kN**
- 1.4. Maximum vertical load S at the coupling: **1000kg**
- 1.6. Maximum V-value: **38 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

01.04.2015 M. Huckenbeck

