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## THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT, PURSUANT TO REGULATION NO 55.01

Approval No: 55R-017981

Extension No: Not applicable

- 1. Trade name or mark of the device or component: RINGFEDER or VBG
- 2. Manufacturer's name for the type of device or component: RUwg K3D
- Manufacturer's name and address:
   VBG Group AB
   S-46228 Vanersborg
   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
- Name and address of company or body taking responsibility for the conformity of production: VBG Group AB S-46228 Vanersborg SWEDEN
- 7. Submitted for approval on: 24 August 2010
- 8. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH



- 9. Brief description: Non standard automatic hook.
- 9.1. Type and class of device or component: Type coupling, S
- 9.2. Characteristic values:
- 9.2.1. Primary values:

$$D = 100 kN$$

$$Dc = 70 \text{ kN}$$

$$S = 1000 \text{ kg}$$

$$V = 25kN$$

Alternative values:

$$Dc = kN$$

$$S = kg$$

U.....tonnes V = kN

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

Vehicle manufacturer's maximum permissible vehicle mass:

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:

- 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: 24 August 2010.
- 15. Number of test report: 10-00803-CX-GBM
- 16. Approval mark position: Type plate on side of the jaw
- 17. Reason(s) for extension of approval: Not applicable
- 18. Approval GRANTED
- 19. Place: BRISTOL
- 20. Date: 08 SEPTEMBER 2010
- 21. Signature:

A. W. STENNING Head of Technical and Quality 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.
- (1) Strike out what does not apply.

