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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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

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Approval No: 55R-016819

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: 5090
3. 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
6. 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: 07 September 2010
8. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH

EAL225843

An executive agency of the Department for Transport  
Date July 2010 Issue 2



9. Brief description: Automatic drawbar coupling

9.1. Type and class of device or component: 5090, C50-X

9.2. Characteristic values:

9.2.1. Primary values:

D= 310 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:                      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: 07 SEPTEMBER 2010
- 15. Number of test report: 10-00839-CX-GBM
- 16. Approval mark position: type plate on the coupling head
- 17. Reason(s) for extension of approval: Not applicable.
- 18. Approval GRANTED
- 19. Place: BRISTOL
- 20. Date: 15 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.