

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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



Approval No: E11*55R01/10*6292*06

- Trade name or mark of the device or component: RINGFEDER or VBG
- 2. Type of device or component:

4040/G150

Manufacturer's name and address:

VBG Group AB Herman Kreftings gata 4 S-46228 Vänersborg Sweden

4. If applicable, name and address of the manufacturer's representative:

Not applicable

5. Alternative supplier's names or trademarks 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 July 2024
- 8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH

Vehicle Certification Agency

03-Sep-24

Vehicle

Authority | Agency

03-Sep-24

Certification

9.	Brief description:		
9.1.	Type and class of device or component: 4040/G150, S		
9.2.	Characteristic values:		
9.2.1.	Primary values:		
	D	137 kN	
	D_c	92 kN	
	S	1000 kg	
	U	- tonnes	
	V	40 kN	
	Alternative values: Not applicable		
	D	- kN	
	D_c	- kN	
	S	- kg	
	U	- tonnes	
	V	- kN	
9.3.	For Class A mechanical coupling devices or components, including towing brackets: Not applicable		
	Vehi	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	
	Distr		
	Vehi		
	Vehicle manufacturer's maximum permissible static mass on coupling ball: - kg		

Loading condition under which the tow ball height of a mechanical coupling device fitted to category M1 ⁽¹⁾ vehicles is to be measured -see paragraph 2 of Annex 7, Appendix 1: -

and spare wheel (if supplied) but not including driver: - kg

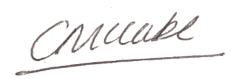
Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools

9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O₁ trailer: 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 (see Annex 2, Appendix 1) 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 (see Annex 2, Appendix 1): 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
- Date of test report: As before and 16 July 2024
- 15. Number of test report: 10-00766-CX-GBM-06
- 16. Approval mark position: On type plate glued or riveted on the coupling head
- 17. Reason(s) for extension of approval:
 - 1) Updated regulation
 - 2) Minor technical changes
 - Updated drawings
- Approval EXTENDED
- 19. Place: BRISTOL
- Date: 03 SEPTEMBER 2024



21. Signature:



C McCABE

Chief Technical and Statutory Operations Officer

22. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request.

Any remarks: None

(1) As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 - www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.



Information Document No 4040/G150 Ext. 06

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

- GENERAL
- 0.1. Make (trade name of manufacturer): RINGFEDER or VBG
- 0.2. Type and commercial description(s): Type 4040/G150, automatic drawbar coupling
 with the different Variants from Typ: 4040G150 and RF40/G150
- 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

- 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/G150
- 1.3. Maximum D-value: 137 kN

Maximum Dc-value: 92 kN

- 1.4. Maximum vertical load S at the coupling: 1000kg
- 1.6. Maximum V-value: 40 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

06.07.2024 M. Huckenbeck

