



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ ~~APPROVAL EXTENDED <sup>(4)</sup>/~~  
~~APPROVAL REFUSED <sup>(4)</sup>/~~ ~~APPROVAL WITHDRAWN <sup>(4)</sup>/~~ ~~PRODUCTION DEFINITELY~~  
~~DISCONTINUED <sup>(1)</sup>~~ OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT,  
PURSUANT TO REGULATION NO 55.01



Approval No: 55R-0110663

Extension No: Not applicable

1. Trade name or mark of the device or component: VBG
2. Manufacturer's name for the type of device or component: CMS-MFC 75V-3
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:  
Same as 3
7. Submitted for approval on: 28 September 2016
8. Technical service responsible for conducting approval tests:
9. Brief description: Non standard drawbeam

EAR332839



9.1. Type and class of device or component: CMS-MFC 75V-3, F

9.2. Characteristic values:

9.2.1. Primary values:

D.....188.. kN      Dc.....130.. kN      S.....1000.... kg

U.....tonnes      V.....75. kN

Alternative values:

D.....188. kN      Dc.....147 kN      S.....1000... kg

U.....tonnes      V.....35.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 M<sub>1</sub> 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 O<sub>1</sub> trailer  
YES/NO 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 enclosures

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: 28 September 2016

- 15. Number of test report: 16-00439-CX-GBM
- 16. Approval mark position: Type plate riveted on component
- 17. Reason(s) for extension of approval: Not applicable
- 18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~ (1)
- 19. Place: BRISTOL

20. Date: 19 OCTOBER 2016

21. Signature:



D LAWLOR  
Head of Technical Standards & 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 4

- (1) Strike out what does not apply.

INFORMATION DOCUMENT No: CMS-MFC 75V-3-R55+00-Idoc (E11 55R 0110663)

relating to the ECE type-approval as a component of mechanical coupling devices  
for motor vehicles and their trailers (ECE 55R).

0. GENERAL

- 0.1. Make (trade name of manufacturer): VBG
- 0.2. Type and commercial description(s): CMS-MFC 75V-3  
versions: CMS-MFC 75V-3 (standard)  
See appendix "CMS-MFC 75V-3, List of type approved parts".
- 0.5 Name and address of manufacturer: VBG GROUP AB  
Herman Kreftings gata 4  
S-462 28 Vänersborg  
Sweden
- 0.7. Location and method of affixing of the ECE approval mark:  
Type plate placed on the rear side of the rear crossbeam.
- 0.8 Address(es) of assembly plant(s): VBG GROUP TRUCK EQUIPMENT AB  
Tenggrenstorpsvägen 11  
S-462 28 Vänersborg  
Sweden

1. CONNECTIONS BETWEEN DRAWING VEHICLES AND TRAILERS AND SEMITRAILERS

- 1.1. Detailed technical description (including drawings and material specifications) of the type of the mechanical coupling device:

Drawbeam for Fully automatic drawbar coupling  
Overall dimensions: See enclosed information drawings.  
Drawings and material specifications: See enclosed list.

- 1.2. Class and type of coupling device(s):  
Class F, Non-standard miscellaneous drawbeam.

- 1.3. Maximum D-value: 188 kN 188 kN  
Dc-value: 130 kN 147 kN

- 1.4. Maximum vertical load S at the coupling point: 1000 kg 1000 kg

- 1.5. Maximum load U at the fifth wheel coupling: Not applicable

- 1.6. Maximum V-value: 75 kN 35 kN

- 1.7. Instructions for attachment of the coupling type to the vehicle, additional information regarding restrictions of use to special types of vehicles:

See enclosed mounting instructions.

- 1.8. Information on the fitting of special towing brackets or mounting plates:

Not applicable

2016-Sep-28 / JON

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**CMS-MFC 75V-3**  
**List of Type Approved Parts.**

List of Parts included in CMS-MFC 75V drawbeam type approval.				
A. Drawbeams with different lengths and for different frame hole patterns.				
Ref.No	Part No *	Type	Marking	Description
A-01	21-6004xx	CMS-MFC 75V-3 (DAF)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-02	21-6005xx	CMS-MFC 75V-3 (DAF)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-03	21-6006xx	CMS-MFC 75V-3 (IVECO)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-04	21-6007xx	CMS-MFC 75V-3 (IVECO)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-05	21-6008xx	CMS-MFC 75V-3 (MAN)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-06	21-6009xx	CMS-MFC 75V-3 (MAN)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-07	21-6010xx	CMS-MFC 75V-3 (MB)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-08	21-6011xx	CMS-MFC 75V-3 (MB)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-09	21-6012xx	CMS-MFC 75V-3 (MB)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-10	21-6013xx	CMS-MFC 75V-3 (MB)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-11	21-6014xx	CMS-MFC 75V-3 (Scania)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-12	21-6015xx	CMS-MFC 75V-3 (Scania)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-13	21-6016xx	CMS-MFC 75V-3 (Volvo)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
A-14	21-6017xx	CMS-MFC 75V-3 (Volvo)	See type plate	Drawbeam fully under slung mounting of the MFC coupling.
B. Spacers for adjustment of different frame widths.				
Ref.No	Part No *	Type	Marking	Description
B-01	21-6050xx	Spacer 420x180 t=5	21-6050 Year/Week	Spacer 420x180 t=5
B-02	21-6051xx	Spacer 600x180 t=5	21-6051 Year/Week	Spacer 600x180 t=5
B-03	21-6052xx	Spacer 405x180 t=4	21-6052 Year/Week	Spacer 405x180 t=4
B-04	21-6053xx	Spacer 405x180 t=3	21-6053 Year/Week	Spacer 405x180 t=3
B-05	21-6054xx	Spacer 585x180 t=4	21-6054 Year/Week	Spacer 585x180 t=4
B-06	21-6055xx	Spacer 585x180 t=3	21-6055 Year/Week	Spacer 585x180 t=3
B-07	21-6056xx	Spacer 400x180 t=4	21-6056 Year/Week	Spacer 400x180 t=4
B-08	21-6057xx	Spacer 400x180 t=3	21-6057 Year/Week	Spacer 400x180 t=3
B-09	21-6058xx	Spacer 550x180 t=4	21-6058 Year/Week	Spacer 550x180 t=4
B-10	21-6059xx	Spacer 550x180 t=3	21-6059 Year/Week	Spacer 550x180 t=3



**CMS-MFC 75V-3**  
**List of Type Approved Parts.**

B-11	21-6060xx	Spacer 400x150 t=6	21-6060 Year/Week	Spacer 400x150 t=6
B-12	21-6061xx	Spacer 550x150 t=6	21-6061 Year/Week	Spacer 550x150 t=6
B-13	21-6062xx	Spacer 400x150 t=8	21-6062 Year/Week	Spacer 400x150 t=8
B-14	21-6063xx	Spacer 550x150 t=8	21-6063 Year/Week	Spacer 550x150 t=8
B-15	21-6064xx	Spacer 400x180 t=5	21-6064 Year/Week	Spacer 400x180 t=5
B-16	21-6065xx	Spacer 550x150 t=5	21-6065 Year/Week	Spacer 550x150 t=5

\* The part.no ends with "xx" for different colour codes.

