

ECE TYPE-APPROVAL CERTIFICATE

Communication concerning the approval extended of a type of mechanical coupling device or component pursuant to Regulation No.55.



Approval No: **E24 55R-010105**

Extension No: **02.**

Reason for extension:

-Addition of S, Dc and V values.

1. Trade name or mark of the device or component: ***VBG***
2. Manufacturer's name for the type of device or component: ***MFC***
Version(s): ***MFC (standard)
MFC (with hydraulic)***
3. Manufacturer's name and address: ***VBG GROUP AB
Herman Kreftings gata 4
S-462 28 Vänernborg,
Sweden.***
4. If applicable, name and address of the manufacturers representative: ***N/A***
5. Alternative supplier's names or trade marks applied to the device or component: ***N/A***
6. Name and address of the company or body taking responsibility for the conformity of production: ***See 3. above***
7. Submitted for approval on: ***As before and 11.06.2015***
8. Technical service responsible for conducting approval tests: ***TÜV SÜD Automotive GmbH,
Westendstrasse 199,
D-80868 München,
Germany.***



NSAI

Certification

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9. Brief description

9.1 Type and class of device or component:

Class: S
Type: MFC
(non-standard miscellaneous coupling device)

9.2 Characteristic values

9.2.1 Primary values:

D: 188 kN
Dc: 147 kN
S: 1000 kg
U: --
V: 35kN

Alternative values:

D: --
Dc: --
S: --
U: --
V: --

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

N/A

Vehicle manufacturer's maximum permissible vehicle mass:

N/A

Distribution of maximum permissible vehicle mass between the axles:

N/A

Vehicle manufacturer's maximum permissible towable trailer mass:

N/A

Vehicle manufacturer's maximum permissible static mass on coupling ball:

N/A

Maximum mass of vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied)but not including driver:

N/A

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 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:

See manufacturer's documentation.



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12. Additional information where the use of coupling device or component is restricted to special types of vehicles
- see annex 5, paragraph 3.4.: *See manufacturer's documentation.*
13. For Class K hook type couplings, details of the drawbar eyes suitable for use with the particular hook type: *N/A*
14. Date of test report: *As before and: 05.06.2015*
15. Number of test report: *12-00556-CX-GBM-up to 02*
16. Approval mark position: *Type plate on the top of the coupling.*
17. Reason(s) for extension of approval: *Addition of S, Dc and V values.*
18. Approval ~~granted~~/extended/~~refused~~/~~withdrawn~~: *Extended.*
19. Place: *Dublin*
20. Date: *15th July, 2015*
21. Signature: 
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.



VBG GROUP

INFORMATION DOCUMENT No MFC-R55+02-Idoc, approval no E24 55R 010105 ext. 02

relating to the UNECE type-approval as a component of mechanical coupling devices
for motor vehicles and their trailers (R55) .

0. GENERAL

- 0.1. Make (trade name of manufacturer): VBG
- 0.2. Type and commercial description(s): MFC
versions: MFC (standard)
MFC-H (with hydraulic)

- 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 on the top of the coupling.

- 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:

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 S, Non-standard miscellaneous coupling device.

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

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

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

- 1.6. Maximum V-value: 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

2015-Jun-05 JON
