



RDW

Vehicle Technology Division

**THE NETHERLANDS
(N E D E R L A N D)**



COMMUNICATION

Concerning ⁽¹⁾:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

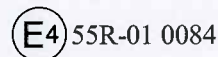
of a type of mechanical coupling device or component pursuant to Regulation number 55.

Approval number: E4 55R-01 0084

Extension number: --

Reason for extension : -

Approval mark:



1. Trade name or mark of the device or component : VBG
2. Manufacturer's name for the type of device or component : DBE 190
3. 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 name 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 : see item 3.
7. Submitted for approval on : 20.01.2011
8. Technical service responsible for conducting approval tests : TÜV SÜD Automotive GmbH
9. Brief description : non-standard miscellaneous coupling device (drawbar eye)
- 9.1. Type and class of device or component : DBE 190 / S
- 9.2. Characteristic values :
- 9.2.1. Primary values:

D (kN)	U (tonnes)	D _e (kN)	V (kN)	S (kg)
290	--	145	95	1000

Alternative values:

D (kN)	U (tonnes)	D _e (kN)	V (kN)	S (kg)
290	--	150	75	2000

- 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 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 manufacturers document no DBE190-R55+00-Idoc with 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.:
...N2, N3
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 : 20.01.2011
15. Number of test report : 11-00063-CX-GBM
16. Approval mark position : On type plate mounted on the upper side of the mounting flange
17. Reason(s) for extension of approval : Not applicable
18. Approval : granted
19. Place : Zoetermeer
20. Date : 28-JAN-2011
21. Signature :


P. Berger
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.

INFORMATION DOCUMENT No DBE190-R55+00-Idoc

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): DBE 190
- 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 EEC approval mark:
Type plate on the upper side of the mounting flange
- 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:

57 mm bolted on, flange type, drawbar eye
(Class S)

Drawings and material specifications: See enclosed list.

- 1.2. Class and type of coupling device(s):

Class S, miscellaneous coupling device (drawbar eye type)

- | | | |
|---|---------|---------|
| 1.3. Maximum D-value: | 290 kN | 290 kN |
| Dc-value: | 145 kN | 150 kN |
| | and | and |
| 1.4. Maximum vertical load S at the coupling point: | 1000 kg | 2000 kg |
| | and | and |
| 1.6. Maximum V-value: | 95 kN | 75 kN |

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

- 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

2010-09-30 JON

