



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- ~~approval withdrawn~~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-010319

Extension number: 00

1. Trade name or mark of the device or component : VBG
2. Manufacturer's name for the type of device or component : DBE160
3. Manufacturer's name and address : VBG GROUP AB
Herman Kreftings gata 4
S-462 56 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 : Same as item 3.
7. Submitted for approval on : 15.05.2013
8. Technical service responsible for conducting approval tests : TÜV SÜD Automotive GmbH



P.O. Box 777
2700 AT Zoetermeer
The Netherlands

Tel. +31 (0)79 345 81 43
Fax +31 (0)79 345 80 43
www.rdw.nl

Vehicle Approval and Information

9. Brief description : Drawbar eye 57mm

9.1. Type and class of device or component : DBE160, S

9.2. Characteristic values :

9.2.1. Primary values:

D (kN)	D _c (kN)	S (kg)	U (tonnes)	V (kN)
190	120	1000	-	40

Alternative values:

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

Vehicle manufacturer's maximum
permissible vehicle mass :

Distribution of maximum permissible
vehicle mass between the axles :

Vehicle manufacturer's maximum
permissible towable trailer mass :

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

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

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 : According to manufacturers documentation

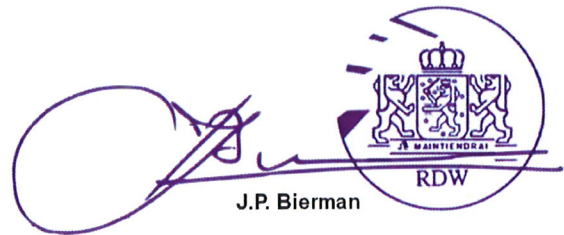
9.4. For class B coupling heads, is the
coupling head intended to be fitted to
an unbraked 01 trailer : ~~yes~~ Not applicable⁽¹⁾

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 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.:
See manufacturers documentation
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 : 15.05.2013
15. Number of test report : 13-00391-CX-GBM
16. Approval mark position : Type plate on the lower side of the drawbar eye
17. Reason(s) for extension of approval : Not applicable
18. Approval : granted/~~extended/refused/withdrawn~~⁽¹⁾
19. Place : ZOETERMEER
20. Date : 10-JUL-2013
21. Signature :



J.P. Bierman

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 DBE160-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 160
- 0.5. Name and address of manufacturer: VBG GROUP AB
Herman Kreftings gata 4
S-462 56 Vänersborg
Sweden
- 0.7. Location and method of affixing of the ECE approval mark:
Type plate on the lower side of the drawbar eye.
- 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, socket 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: 190 kN
Dc-value: 120 kN

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

- 1.6. Maximum V-value: 40 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

2013-05-15 JON

