



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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/ APPROVAL WITHDRAWN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



Approval No: 55R-018244

Extension No: 10

1. Trade name or mark of the device or component: VBG
2. Manufacturer's name for the type of device or component: DB75V-2
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 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:  
See item 3
7. Submitted for approval on: As before and 13 January 2017
8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH



9. Brief description: Non-standard drawbeam coupling 50

9.1. Type and class of device or component: DB75V-2, F

9.2. Characteristic values:

9.2.1. Primary values:

D: 200 kN                      Dc: 130 kN                      S: 1000 kg

U: - tonnes                      V: 75 kN

Alternative values:

D: 200 kN                      Dc: 130 kN                      S: 2000 kg

U: - tonnes                      V: 63 kN

Alternative values:

D: 200 kN                      Dc: 150 kN                      S: 1000 kg

U: - tonnes                      V: 50 kN

Alternative values:

D: 200 kN                      Dc: 141 kN                      S: 1000 kg

U: - tonnes                      V: 63 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 <sup>(1)</sup> 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 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: 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: As before and 21 February 2017
15. Number of test report: 11-01173-CX-GBM Extension 10
16. Approval mark position: On label mounted on rear face of drawbeam
17. Reason(s) for extension of approval: To cover
  - 1) Addition of alternative endplate variant of EDF250
  - 2) Update supplement level of the ECE Regulation
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~<sup>(1)</sup>
19. Place: BRISTOL
20. Date: 20 MARCH 2017
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 06

(1) Strike out what does not apply.

# VBG GROUP

## INFORMATION DOCUMENT No DB75V-2-R55+10-Idoc

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): DB75V-2,

versions: Drawbeam DB 75V-2, lengths 590-885 mm, separately for centrally mounting in the truck frame, and in combination with endplates for fully underslung mounting. See appendix "VBG DB75V-2, 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:

On label mounted on rear face of drawbeam.

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:

Drawbeams for mounting of drawbar couplings.  
Overall dimensions: See enclosed information drawings.  
Drawings and material spec.: See enclosed list.

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

Class F, Non-standard drawbeams.

1.3. Maximum D-value:	200	200	200	200 kN
Dc-value:	130	130	150	141 kN
	and	and	and	and
1.4. Maximum vertical load S at the coupling point:	1000	2000	1000	1000 kg
	and	and	and	and
1.6. Maximum V-value:	75	63	50	63 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

21-Feb-2017 / JON



**DB75V-2**  
**List of Type Approved Parts.**

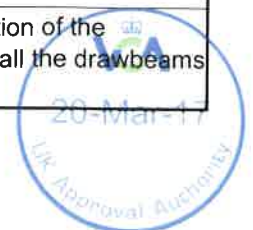
List of Parts included in VBG DB75V-2 drawbeam type approval.

**A. Drawbeams with different lengths and for different frame hole patterns.**

<u>Ref.No</u>	<u>Part No *</u>	<u>Type</u>	<u>Marking</u>	<u>Description</u>
A-01	20-1067xx	DB75V-2 L=885	VBG 20-1067 Year/Week	Drawbeam centrally or fully underslung mounting
A-02	20-1069xx	DB75V-2 L=850	VBG 20-1069 Year/Week	Drawbeam centrally or fully underslung mounting
A-03	20-1071xx	DB75V-2 L=826	VBG 20-1071 Year/Week	Drawbeam centrally or fully underslung mounting
A-04	20-1073xx	DB75V-2 L=784	VBG 20-1073 Year/Week	Drawbeam centrally or fully underslung mounting
A-05	20-1075xx	DB75V-2 L=770	VBG 20-1075 Year/Week	Drawbeam centrally or fully underslung mounting
A-06	20-1077xx	DB75V-2 L=762	VBG 20-1077 Year/Week	Drawbeam centrally or fully underslung mounting
A-07	20-1079xx	DB75V-2 L=752	VBG 20-1079 Year/Week	Drawbeam centrally or fully underslung mounting
A-08	20-1081xx	DB75V-2 L=728	VBG 20-1081 Year/Week	Drawbeam centrally or fully underslung mounting
A-09	20-1083xx	DB75V-2 L=590	VBG 20-1083 Year/Week	Drawbeam centrally or fully underslung mounting
A-10	20-1108xx	DB75V-2 L=756	VBG 20-1108 Year/Week	Drawbeam centrally or fully underslung mounting
A-11	20-1110xx	DB75V-2 L=766	VBG 20-1110 Year/Week	Drawbeam centrally or fully underslung mounting
A-12	20-1112xx	DB75V-2 L=742	VBG 20-1112 Year/Week	Drawbeam centrally or fully underslung mounting
A-13	20-1510xx	DB75V-2 L=854	VBG 20-1510 Year/Week	Drawbeam centrally or fully underslung mounting
A-14	20-1512xx	DB75V-2 L=790	VBG 20-1512 Year/Week	Drawbeam centrally or fully underslung mounting
A-15	20-1514xx	DB75V-2 L=775	VBG 20-1514 Year/Week	Drawbeam centrally or fully underslung mounting

**B. Endplates for fully underslung mounting**

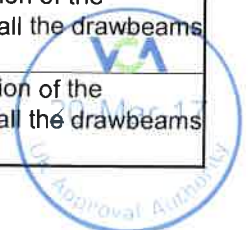
<u>Ref.No</u>	<u>Part No *</u>	<u>Type</u>	<u>Marking</u>	<u>Description</u>
B-01	21-1344xx	EDH-2V	21-1344 L/R Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-02	21-1345xx	EDH-2	21-1345 L/R Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-03	21-2081xx	EDH-2 MB	21-2081 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-04	21-2130xx	EDH-3 MAN	21-2130 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-05	21-2133xx	EDH-3 MB 50x45	21-2133 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.





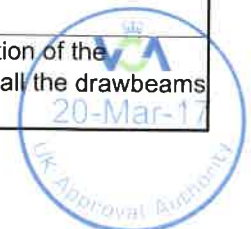
## List of Type Approved Parts.

B-06	21-2136xx	EDH-3 Scania	21-2136 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-07	21-2139xx	EDH-3 Volvo	21-2139 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-08	21-2142xx	EDH-3 DAF	21-2142 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-09	21-2145xx	EDH-3 IVECO	21-2145 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-10	21-2148xx	EDH-3 MB 50x50	21-2148 L/R	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-11	21-0051xx	EDM	VBG 21-0191/ 21-0056	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-12	21-0052xx	EDL	VBG 21-0052	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-13	21-1316xx	EDK	21-1316	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-14	21-1327xx	EDK 600	21-1327	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-15	21-1349xx	EDU-2	21-1349 L/R VBG Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-16	21-1475xx	EDC-1	21-1475 VBG Year/Week Left/Right	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-17	21-1525xx	EDH-2SKV	21-1518 L/R Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-18	21-1526xx	EDH-2SKH Long	21-1521 R 21-1522 L Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-19	21-1527xx	EDH-2SKH short	21-1523 R 21-1524 L Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-20	21-1642xx	EDMS-2	VBG 21-1642 L/R Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-21	21-1673xx	EDHZ	VBG 21-1673 Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-22	21-1684xx	EDK Sc	VBG 21-1684 L/R Year/Week	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-23	21-2196xx	EDM-2 Scania	VBG 21-2196	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-24	21-2199xx	EDM-2 Volvo/RVI	VBG 21-2199	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.



**DB75V-2**  
**List of Type Approved Parts.**

B-25	21-2202xx	EDM-2 MAN	VBG 21-2202	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-26	21-2205xx	EDM-2 MB 50x45	VBG 21-2205	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-27	21-2208xx	EDM-2 MB 50x50	VBG 21-2208	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-28	21-2211xx	EDM-2 DAF	VBG 21-2211	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-29	21-2214xx	EDM-2 IVECO	VBG 21-2214	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-30	21-2217xx	EDL-2 Scania	VBG 21-2217	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-31	21-2220xx	EDL-2 Volvo/RVI	VBG 21-2220	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-32	21-2223xx	EDL-2 MAN	VBG 21-2223	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-33	21-2226xx	EDL-2 MB 50x45	VBG 21-2226	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-34	21-2229xx	EDL-2 MB 50x50	VBG 21-2229	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-35	21-2232xx	EDL-2 DAF	VBG 21-2232	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-36	21-2235xx	EDL-2 IVECO	VBG 21-2235	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-37	21-1853xx/ 21-1854xx	EDH Scania Short	1908590 1908591	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-38	21-1875xx/ 21-1876xx	EDH Scania Long	1925470 1925471	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-39	21-2026xx/ 21-2027xx	EDH Scania Extra Long	2056579 2056587	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-40	21-2322xx/ 21-2323xx	EDL-2 SAXAS/DAF	VBG 21-2324	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-41	21-5719xx	EDF 350	EDF 350 21- 5719	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-42	21-5722xx	EDF 300	EDF 300 21- 5722	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-43	21-5725xx	EDF 250	EDF 250 21- 5725	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.



**DB75V-2**  
**List of Type Approved Parts.**

B-44	21-5880xx	EDF 150	EDF 150 21-5880	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-45	21-5881xx	EDF 150	EDF 150 21-5881	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-46	21-5892xx	EDFA 350	EDF 350 21-5892	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-47	21-5893xx	EDFA 300	EDF 300 21-5893	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-48	21-5894xx	EDFA 250	EDF 250 21-5894	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-49	21-5940xx/ 21-5941xx	EDF 250 - N205	VBG 21-5940 VBG 21-5941	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.

**C. Spacers for adjustment of different frame widths.**

<u>Ref.No</u>	<u>Part No *</u>	<u>Type</u>	<u>Marking</u>	<u>Description</u>
C-01	20-1086xx	Spacer t=1	20-1086	U shaped spacer with 60 mm spacing (7 holes)
C-02	20-1087xx	Spacer t=2	20-1087	U shaped spacer with 60 mm spacing (7 holes)
C-03	20-1088xx	Spacer t=5	20-1088	U shaped spacer with 60 mm spacing (7 holes)
C-04	20-1089xx	Spacer t=8	20-1089	U shaped spacer with 60 mm spacing (7 holes)
C-05	20-1090xx	Spacer t=10	20-1090	U shaped spacer with 60 mm spacing (7 holes)

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

