



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF MECHANICAL
COUPLING DEVICE OR COMPONENT, PURSUANT TO REGULATION NO 55.01



Approval No: E11*55R01/09*6701*02

1. Trade name or mark of the device or component: VBG

2. Type of device or component:
TB30D

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 trademarks 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 23 March 2022

8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH

9. Brief description: Non-standard drawbeam with endplates to fix on vehicles frame

9.1. Type and class of device or component: TB30D, F

9.2. Characteristic values:

9.2.1. Primary values:

D 41 kN

D_c 30 kN

S 350 kg

U - tonnes

V 18 kN

Alternative values: Not applicable

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: 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 ⁽¹⁾ 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 O₁ trailer:
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 (see Annex 2, Appendix 1) given by the vehicle manufacturer: See manufacturer's documentation, mounting instruction.
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 Annex 2, Appendix 1):
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 30 March 2022
15. Number of test report: 08-00470-CX-GBM extension 03
16. Approval mark position: Label on the rear face of the drawbeam
17. Reason(s) for extension of approval:
1) Further vertical extensions
2) Update of EC Regulation
3) Changed structure of approval number
18. Approval EXTENDED
19. Place: BRISTOL
20. Date: 11 APRIL 2022

21. Signature:



C McCABE
Chief Technical and Statutory Operations Officer

22. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request.

Any remarks: None

(1) As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 - www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.



Vehicle
Certification
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

APPROVAL NUMBER: E11*55R01/09*6701*02

INFORMATION PACKAGE CONTENTS

INDEX REVISION NUMBER: Not applicable

Conformity of Production (COP) Declaration	COP Confirmed
Assessment Method	COP Audit
Date of Initial Clearance	- Pre 2013
Date of Last Clearance	May 2021

Total number of sheets: 13 (Thirteen)

Reasons for Revision: See approval certificate

Revision Date
&
Office Stamp

EAY563923

An executive agency of the Department for Transport
July 2021 Revision 2
Page 1 of 1



INFORMATION DOCUMENT No TB30D-R55+02-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): TB 30 D,

versions: Towing Bracket TB 30 D, lengths 600 – 875 mm, separately for centrally mounting in truck frame, and in combination with endplates for fully underslung mounting. See appendix "TB30D, List of type approved parts".

0.5 Name and address of manufacturer: VBG Group AB
Herman Kreftings gata 4
SE-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:

Towing Bracket for drawbar couplings
Overall dimensions: See enclosed information main drawing.
Drawings and material spec.: See enclosed list.

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

Class F, None standard drawbeams.

1.3. Maximum D-value: 41 kN
Dc-value 30 kN

1.4. Maximum vertical load S at the coupling point: 350 kg

1.6. Maximum V-value: 18 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:

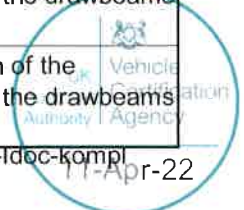
See enclosed mounting instructions.

1.8. Information on the fitting of special towing brackets or mounting plates:
Not applicable

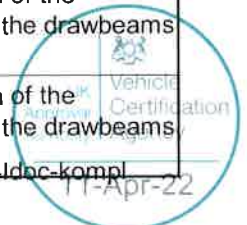
23.03.2023 / MH



List of Parts included in VBG TB30D drawbeam type approval.				
A. Drawbeams with different lengths and for different frame hole patterns.				
Ref.No	Part No *	Type	Marking	Description
A-01	21-1652xx	TB30D L=850	VBG 21-1652 Year/Week	Drawbeam centrally or fully underslung mounting. Must be mounted with one of the two reinforcement kits.
A-02	21-1658xx	TB30D L=834	VBG 21-1658 Year/Week	Drawbeam centrally or fully underslung mounting. Must be mounted with one of the two reinforcement kits.
A-03	21-1659xx	TB30D L=770	VBG 21-1659 Year/Week	Drawbeam centrally or fully underslung mounting. Must be mounted with one of the two reinforcement kits.
A-04	21-1660xx	TB30D L=752	VBG 21-1660 Year/Week	Drawbeam centrally or fully underslung mounting. Must be mounted with one of the two reinforcement kits.
B. Endplates for fully underslung mounting				
Ref.No	Part No *	Type	Marking	Description
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	21-1123xx	EDH-2TB	21-1123 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.
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	21-2196xx	EDM-2 Scania	21-2196	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.



B-12	21-2199xx	EDM-2 Volvo/RVI	21-2199	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-13	21-2202xx	EDM-2 MAN	21-2202	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-14	21-2205xx	EDM-2 MB 50x45	21-2205	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-15	21-2208xx	EDM-2 MB 50x50	21-2208	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-16	21-2211xx	EDM-2 DAF	21-2211	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-17	21-2214xx	EDM-2 IVECO	21-2214	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-18	21-2217xx	EDL-2 Scania	21-2217	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-19	21-2220xx	EDL-2 Volvo/RVI	21-2220	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-20	21-2223xx	EDL-2 MAN	21-2223	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-21	21-2226xx	EDL-2 MB 50x45	21-2226	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-22	21-2229xx	EDL-2 MB 50x50	21-2229	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-23	21-2232xx	EDL-2 DAF	21-2232	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-24	21-2235xx	EDL-2 IVECO	21-2235	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-25	21-2324xx	EDL-2 SAXAS/DAF	21-2324	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-26	21-5882xx	EDF 150	EDF150 21-5880	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-27	21-5885xx	EDF 150 tipper	EDF150 21-5881	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-28	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-29	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-30	21-5725xx	EDF 250	EDF 250 21-5725	Drawbeam endplates intended for installation of the drawbeams fully underslung. Intended for all the drawbeams lengths.
B-31	21-735800	VFD	21-7358/ 21-7359 Year	Scania version intended for mounting directly on truck frames (left and right).
	21-735900			
B-32	21-761600	VFD	21-7616/ 21-7617 Year	Universal version intended for mounting directly on truck frames (left and right)
	21-761700			
B-33	21-761900	VFD	21-7619/ 21-7620 Year	Universal version intended for mounting directly on truck frames (left and right)
	21-716200			

C. Reinforcement kits.

Ref.No	Part No *	Type	Marking	Description
C-01	21-1655xx	Reinforcement kit 90, TB 30D	VBG 21-1653 Year/Week	Two reinforcement brackets with hole pattern 90x0 mounted together with one of the beams (Ref.No A).
C-02	21-1656xx	Reinforcement kit 120x55 and 83x56, TB 30D	VBG 21-1654 Year/Week	Two reinforcement brackets with hole pattern 120x55 and 83x56 mounted together with one of the beams (Ref.No A).

D. Spacers for adjustment of different frame widths.

Ref.No	Part No *	Type	Marking	Description
D-01	21-1661xx	Spacer t=2	VBG 21-1661 Year/Week	Square shaped spacer with 60 mm spacing (4 holes)
D-02	21-1662xx	Spacer t=4	VBG 21-1662 Year/Week	Square shaped spacer with 60 mm spacing (4 holes)

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

