



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL GRANTED <sup>(1)</sup> / ~~APPROVAL EXTENDED <sup>(4)</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 / APPROVAL WITHDRAWN 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 55.03



Approval No: E11\*55R03/00\*13307\*00

1. Trade name or mark of the device or component: Brink
2. Type of device or component: 40729
3. Manufacturer's name and address:  
  
Brink Towing Systems B.V.  
Industrieweg 5  
NL - 7951 CX Staphorst  
The Netherlands
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: 22 April 2026
8. Technical Service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH

9. Brief description:
- 9.1. Type and class of device or component: 40729, F
- 9.2. Characteristic values:
- 9.2.1. Primary values:  
 D = 20,2 kN      D<sub>c</sub> = 20,2 kN      S = 150 Kg      U ..... tonnes      V ..... kN
- Alternative values: Not applicable  
 D ..... kN      D<sub>c</sub> ..... kN      S ..... Kg      U ..... tonnes      V ..... kN
- 9.3. For Class A mechanical coupling devices or components, including towing brackets:
- Maximum permissible vehicle mass as declared by the vehicle manufacturer's: 3500 kg
- Distribution of maximum permissible vehicle mass between the axles:  
 Front: 1860 kg ; Rear: 2250 kg
- Vehicle manufacturer's maximum permissible towable trailer mass: 3500 kg
- Vehicle manufacturer's maximum permissible static mass on coupling ball: 150 kg
- Maximum mass:
- Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver: 2350 kg
- Loading condition under which the tow ball height of a mechanical coupling device fitted to category M1 <sup>(2)</sup> vehicles is to be measured -see paragraph 2 of Annex 7, Appendix 1:
- 4 x 68kg (first and second row) plus 4 x 7kg luggage load
- 9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O<sub>1</sub> 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 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 (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: 21 April 2026
- 15. Number of test report: 26-00041-CX-GBM-00
- 16. Approval mark position: Type plate on crossbeam
- 17. Reason(s) for extension of approval: Not applicable
- 18. Approval: GRANTED / ~~EXTENDED~~ / ~~REFUSED~~ / ~~WITHDRAWN~~<sup>(4)</sup>
- 19. Place: BRISTOL
- 20. Date: 01 MAY 2026
- 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) Delete what does not apply
- (2) 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](http://www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html).



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APPROVAL NUMBER: E11\*55R03/00\*13307\*00

**INFORMATION PACKAGE CONTENTS**

**INDEX REVISION NUMBER: 00**

<b>Conformity of Production (COP) Declaration</b>	<b>COP Confirmed</b>
<b>Assessment Method</b>	<b>Compliance Statement</b>
<b>Date of Initial Clearance</b>	<b>Pre 2013</b>
<b>Date of Last Clearance</b>	<b>June 2024</b>

Total number of sheets: 28 (Twenty-eight)

Reasons for Revision: Not applicable

Revision Date  
&  
Office Stamp

Relating to the EEC Type Approval as a component of Mechanical Coupling Devices for Motor Vehicles and their trailers (ECE R55).

- 0 GENERAL
- 0.1 Make (trade name of Manufacture): Brink.
- 0.2 Type and commercial description(s): 40729 Vanstep.MB.01
- 0.5 Name and address of manufacturer: Brink Towing Systems B.V., Industrieweg 5, NL-7951 CX, Staphorst
- 0.7 In the case of components and separate technical units, location and method of affixing of the EEC approval mark: type plate on crossbeam.
- 0.8 Address(es) of assembly plants(s): **Brink Towing Systems B.V.**, Industrieweg 5, NL-7951 CX Staphorst, The Netherlands / **Brink Towing Systems SARL**, 7 Rue Henry Rol Tanguy, ZAC Les Naux, 51450 Bétheny (Reims), France / **Brink Towing Systems (Pty) Ltd**, 14 Old Field Road, Shortts Retreat, Pietermaritzburg-3201, KwaZulu Natal, South Africa / **Brink Towing Systems (Thailand) Co. Ltd**, 64/77-81 Moo.4 Eastern Seaboard Industrial Estate, ESIE 14, Pluak Daeng Pluak Daeng, Rayong, 21140, Thailand
- 1 CONNECTIONS BETWEEN DRAWING AND TRAILERS SEMI-TRAILERS
- 1.1 Detailed technical description (including drawings and material specifications) of the type of the mechanical coupling device: See drawing nr. 4072901\_01 Version C of 12-03-2026
- 1.2 Class and type of the coupling device(s): F
- 1.3 Maximum D-value (1): 20,2 kN
- 1.4 Maximum vertical load S at the coupling point (1): 150 Kg
- 1.5 Maximum load U at the fifth wheel coupling (1): -- t
- 1.6 Maximum V-value (1): -- kN
- 1.7 Instructions of attachment of the coupling type to the vehicle and photographs or drawing of the fixing points at the vehicle given by the manufacturer; additional information if the use of the coupling type is restricted to special types of vehicles:  
see fitting instructions type 4072971 dated 17-04-2026
- 1.8 information of the fitting of special towing brackets or mounting plates (1):  
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- Staphorst, 16-3-2026

Additional information regarding item 9. of ECE R55 Annex 1

0 GENERAL

Make (trade name of Manufacture): Brink.

Type and commercial description(s): 40729

Name and address of manufacturer: Brink Towing Systems B.V., Industrieweg 5, NL-7951 CX, Staphorst

9 Brief Description

9.1 Type and class of device or component: F

9.2 Primary values:

D 20,2 kN S 150 kg

Alternative values: Not applicable

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

Vehicle manufacturer's maximum permissible vehicle mass: 3500 kg

Distribution of maximum permissible vehicle mass between the axles: Front 1860 kg  
Back 2250 kg

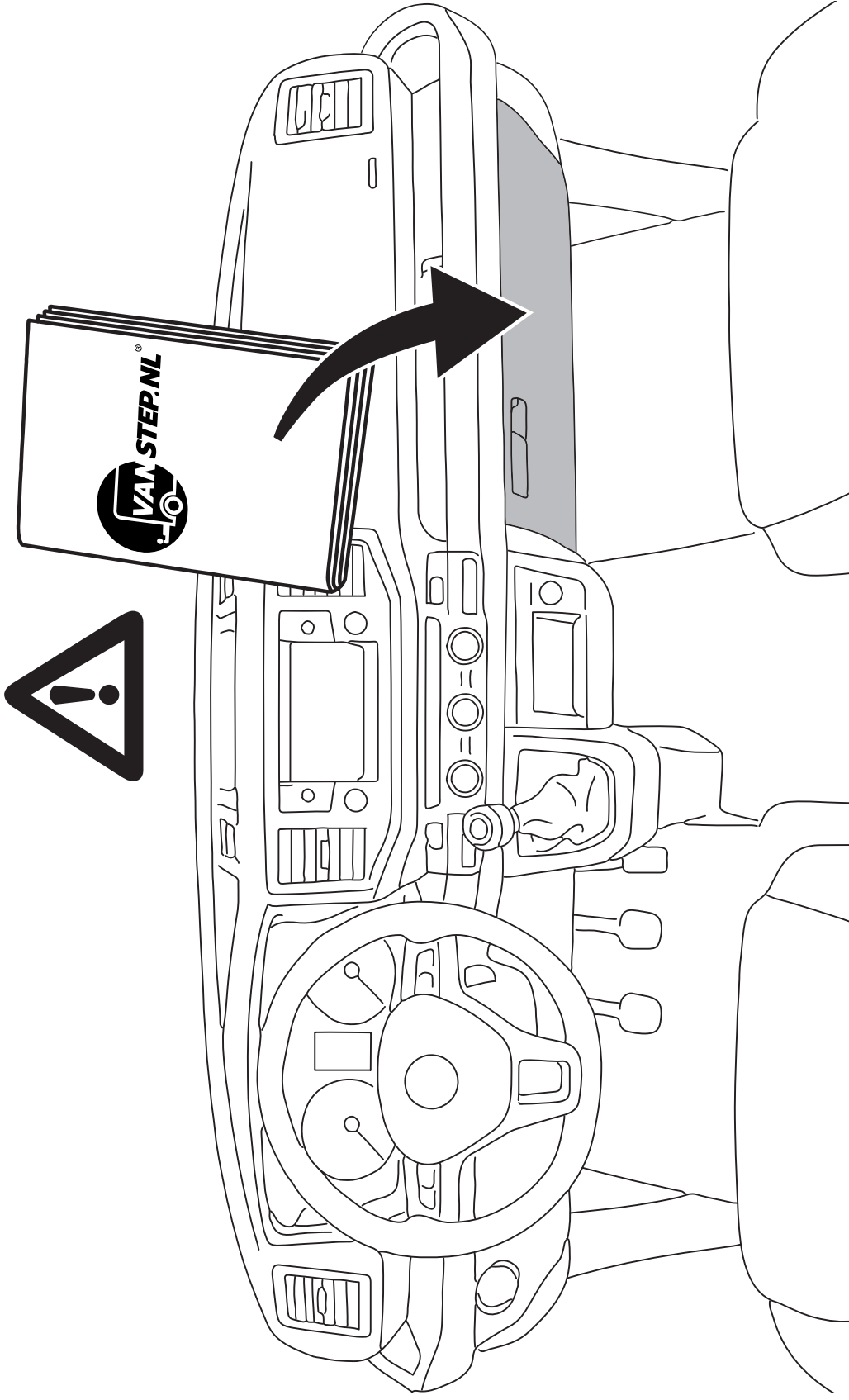
Vehicle manufacturer's maximum permissible towable trailer mass: 3500 kg

Vehicle manufacturer's maximum permissible static vertical mass on coupling ball: 150 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: 2350 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:  
4 x 68kg (first and second row) plus 4 x 7kg luggage load

If known EC type approval of vehicle: e1\*2007/46\*0301





**Prüfbericht**  
**Test report**

**Nr. / No.: 26-00041-CX-GBM-00**

Prüfung eines Bauteiltyps  
in Bezug auf die Richtlinie / Verordnung (EG/EU) / Regelung Nr. **ECE-R55**  
in der Fassung der Änderung Nr. **03, Ergänzung 00**  
Genehmigungsgegenstand: **Mechanische Verbindungseinrichtungen**

*Test of a component type*  
*with regard to Directive / Regulation (EC/EU) / Regulation No. ECE-R55*  
*taking into consideration amendment No. 03, supplement 00*  
*Approval subject: Mechanical coupling components*

Genehmigungsstand / Approval status	
<input checked="" type="checkbox"/>	Erteilung einer Typgenehmigung <i>Granting of a type approval</i> E11*55R03/00*13307*00
<input type="checkbox"/>	Nachtrag/Änderung zur Typgenehmigung Nr. <i>Extension/correction to type approval no.</i> --

**Gründe des Nachtrags / Reasons for extension**

- entfällt  
- *Not applicable*





**0. Allgemeine Angaben**  
**General**

- 0.1. Fabrikmarke : BRINK  
(Firmenname des Herstellers)  
*Make (trade name of manufacturer)*
- 0.2. Typ und Bauart der : 40729  
Verbindungseinrichtung nicht genormte Zugstange,  
*Type of the coupling device non-standard drawbeam*
- 0.3. Klasse der Verbindungseinrichtung : F  
*Class of the coupling device*
- 0.4. Name und Anschrift des : Brink Towing Systems B.V.  
Herstellers Industrieweg 5  
*Manufacturer's name and address* NL - 7951 CX Staphorst
- 0.5. Beschreibungsbogen  
*Information document*
- Nr. : 40729  
*No.*
- Ausgabedatum : 16.03.2026  
*Date of issue*
- 0.6. Kennwerte : D/D<sub>C</sub> = 20,2 kN  
*Characteristic values* S = 150 kg
- Alternative Werte* : Entfällt  
*Alternative values* *Not applicable*





**1. Prüfgegenstand**  
**Testobject**

- 1.1. Beschreibung : nicht genormte Zugstange,  
*Description non-standard drawbeam*
- 1.2. Kennzeichnung : 40729-2-45-25  
*Marking*
- 1.3. Bemerkungen : --  
*Remarks*
- 1.4. Worst-Case-Auswahl : Dynamische Prüfung:  
*Worst-case selection*  
Da die dynamische Prüfung an dem Typ 40729 durchgeführt wurde, ist eine Worst-Case Betrachtung nicht erforderlich.  
Statische Prüfung:  
Die statische Prüfung wurde an der gleichwertigen Hilfskupplung (Test.-Nr. 2nd\_coupling\_TRI\_0006\_00) durchgeführt. Die Prüfergebnisse sind auf den Typ 40729 übertragbar, da der Worst-Case (Materialdicke) geprüft wurde.  
Dynamic test:  
*Because the dynamic test was performed on the type 40729, a worst-case consideration is not required.*  
Static test:  
*The static test has been performed on the quite similar secondary coupling device (test-no 2nd\_coupling\_TRI\_0006\_00). The test results can be transferred to the type 40729 because the worst case of material thickness was tested*





## 2. Prüfprotokoll Test record

### 2.1 Prüfbedingungen *Test conditions*

- 2.1.1 Meß- und Prüfeinrichtungen : Hydropulsanlage  
*Equipment for measuring and testing* Nr. 02 (Serien-Nr. 28200, Kalib.-Datum 21.08.25)  
*Hydropulse test bench*  
*No. 02 (Serial-No. 28200, calib.-date 21.08.25)*
- 2.1.2 Prüfparameter : Resultierende Prüfkraft (Wechsellast): ±12,120 kN  
*Parameter of the test* *Test load F (alternating load):*  
Errechneter D-Wert: 20,2 kN  
*Calculated D-value:*  
Prüfwinkel α: + 15°  
*Angle of test load α:*  
Prüffrequenz: 6,5-9 Hz  
*Frequency:*  
Lastspielzahl: 2 x 10<sup>6</sup>  
*Load cycles:*
- 2.1.3 Werkstoffprüfungen : wurden nicht durchgeführt  
*Material tests* *not carried out*
- 2.1.4 Statische Prüfung auf zusätzlichen Befestigungspunkt (60 sec.) : Prüfkraft: 15 kN  
*Static test on secondary coupling* *Test load*  
*(60 sec)*





## 2.2. Prüfergebnisse *Test Results*

Ergebnis der Untersuchungen <i>Result of the tests</i>	: Nach den genannten Prüfungen wurden keine Brüche, Risse oder übermäßigen Verformungen festgestellt (Farbeindringprüfung). <i>The test sample withstood the dynamic fatigue test and the static test without cracks checked by penetrating means.</i>
Montage- und Betriebsanleitung <i>Installation and operating instructions</i>	: Die Montage- und Betriebsanleitung enthält ausreichende Informationen zur Montage und zum ordnungsgemäßen Betrieb. <i>The installation and operating instructions contain sufficient information for mounting and duly operation.</i>

## 2.3. Allgemeine Angaben *General information*

Datum der Prüfung <i>Date of testing</i>	: 30.10.2025 (dynamisch / <i>dynamic</i> ) 16.12.2022 (statisch / <i>static</i> )
Prüfort <i>Location of testing</i>	: Staphorst

## 3. Anlagen Appendices

Beschreibungsbogen <i>Information document</i>	: 40729 bestehend aus Beschreibungsbogen, Zeichnungen, Einbauanleitung (28 Seiten) <i>40729 consisting of Information document, Drawings, Fitting instructions (28 pages)</i>
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## 4. Schlussbestätigung Statement of conformity

Die erwähnte Beschreibungsmappe und der darin beschriebene Typ entsprechen der genannten Prüfgrundlage. Probenentnahmeplan bzw. -verfahren ergeben sich aus den Vorgaben der Prüfgrundlage. Die ungünstigste Konfiguration wurde entsprechend der Prozessbeschreibung "Anforderungen an Prüfberichte (AS-PB-T-02)" bestimmt. Es gilt die Entscheidungsregel nach ILAC G8:09/2019, 4.2.1: In Bezug auf die Einhaltung der Grenzwerte wurde die Messunsicherheit nicht berücksichtigt.





Der Hersteller trägt die Verantwortung für die zu Verfügung gestellten Informationen (3.) und Prüfmuster. Die Prüfergebnisse beziehen sich auf die erhaltenen und in (2.) genannten Prüfmuster. Diese sind repräsentativ für den in (3.) beschriebenen Typ. Der Prüfbericht darf nur vom Auftraggeber und nur in vollem Wortlaut vervielfältigt und weitergegeben werden. Eine auszugsweise Vervielfältigung und Veröffentlichung des Prüfberichtes sind nur nach schriftlicher Genehmigung zulässig.

*The mentioned information folder and the type described therein are in accordance with the test basis mentioned above. Sampling plan or method result from the requirements of the test basis. The worst-case configuration was selected in accordance with process description "Requirements for Test Reports (AS-PB-T-02)". Valid decision rule in accordance with ILAC G8:2019, 4.2.1: in question of meeting the limits the measurement uncertainty was ignored.*

*The manufacturer is responsible for the information (3.) and the test specimens provided by him. The test results relate only to the test specimens as received and mentioned (2.). The test specimens are representative for the type described (3.).*

*The test report may be reproduced and published in full and by the client only. It can be reproduced partially with the written permission of the test laboratory only.*

TÜV SÜD Auto Service GmbH ist benannt als Technischer Dienst durch:  
 TÜV SÜD Auto Service GmbH is designated as Technical Service by:

Genehmigungsbehörde Approval authority	Land Country	Registriernummer Registration number
Kraftfahrt-Bundesamt (KBA)	Deutschland Germany	KBA-P 00100-10
Vehicle Certification Agency (VCA)	Vereinigtes Königreich United Kingdom	VCA-TS-006
Approval Authority of the Netherlands (RDW)	Niederlande The Netherlands	RDWT-082-XX
National Standards Authority of Ireland (NSAI)	Irland Ireland	Technical Service Number: 49
Vehicle Safety Certification Center (VSCC)	Taiwan/Taiwan	DE04-06-2
Société Nationale de Certification et d'Homologation s.à.	Luxemburg Luxembourg	13/B(g)
Swedish Transport Agency (STA)	Schweden Sweden	TT 0024

Dieser Prüfbericht umfasst die Seiten 1 bis 6.  
 The Test Report comprises of pages 1 to 6.



*P. Kallen*

München, 21.04.2026  
 Munich, 21.04.2026

Dipl.-Ing. (FH) Peter Kallen

