



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE ~~APPROVAL GRANTED⁽⁴⁾~~/ APPROVAL EXTENDED ⁽¹⁾/~~APPROVAL REFUSED⁽⁴⁾~~/ ~~APPROVAL WITHDRAWN⁽⁴⁾~~/ PRODUCTION DEFINITELY
~~DISCONTINUED⁽⁴⁾~~ OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT,
PURSUANT TO REGULATION NO 55.02




Approval No: E11*55R02/01*0310*02

1. Trade name or mark of the device or component: V. Orlandi Spa
2. Type of device or component: E504
3. Manufacturer's name and address:

V.Orlandi Spa
Via Quinzano 3
I-25020 Flero (Bs)
Italy
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:
V. Orlandi Spa
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 01 July 2021

8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH
9. Brief description: Standard 50mm pin diameter clevis type drawbar coupling
- 9.1. Type and class of device or component: E504, C50-4
- 9.2. Characteristic values:
- 9.2.1. Primary values:
 D.....100... kN D_c.....70.... kN S.....900..... kg
 U....--.....tonnes V.....25..... 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
- Maximum permissible vehicle mass as declared by the vehicle manufacturers: 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:
- 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⁽²⁾ 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: YES/NO⁽¹⁾ 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, 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 01 July 2021
15. Number of test report: 19-00371-CX-GBM including extension 01
16. Approval mark position: Type plate on the coupling head
17. Reason(s) for extension of approval:
 1) Update of regulation
 2) Modified flange packet
 3) Correction to D-value
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~⁽¹⁾
19. Place: BRISTOL
20. Date: 23 SEPTEMBER 2021
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.

(1) Strike out 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.