



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

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~~APPROVAL REFUSED ⁽¹⁾/ APPROVAL WITHDRAWN ⁽¹⁾/ PRODUCTION DEFINITELY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



Approval No: 55R-010310

Extension No: 01

1. Trade name or mark of the device or component: V. ORLANDI SPA
2. Manufacturer's name for the 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: 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: 24 September 2019
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: E504, standard 50mm pin diameter clevis type drawbar coupling, C50-4
- 9.2. Characteristic values:
- 9.2.1. Primary values:
- | | | |
|------------|----------------------|----------|
| D 110 kN | D _c 70 kN | S 900 kg |
| U - tonnes | V 25 kN | |
- 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: Not applicable
- Distribution of maximum permissible vehicle mass between the axles: Not applicable
- Vehicle manufacturer's maximum permissible towable trailer mass: Not applicable
- Vehicle manufacturer's maximum permissible static mass on coupling ball: Not applicable
- Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver: Not applicable
- 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:
Not applicable
- 9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O₁ trailer
YES/NO 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
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: 24 September 2019
15. Number of test report: 19-00371-CX-GBM
16. Approval mark position: Type plate on the top of the housing
17. Reason(s) for extension of approval: To cover:
1. Updated regulation
 2. Changed name of technical service
 3. Updated drawings
18. Approval ~~GRANTED/EXTENDED/REFUSED/WITHDRAWN~~⁽¹⁾
19. Place: BRISTOL
20. Date: 29 OCTOBER 2019
21. Signature:  D LAWLOR
Chief Technical and Statutory Operations Officer
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 7

- (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.