

V. ORLANDI SPA

Via Quinzano n. 3
25020 Flero (Bs) - ITALY
Tel. 030/3582722 Fax. 030/3582262
P. Iva e Cod. Fisc. 00273270173



COPIA CONFORME ALL'ORIGINALE
DICHIARIAMO DI GARANTIRE L'AUTENTICITA'
E LA VERIDICITA' DI QUANTO RISULTA DAI
DOCUMENTI ALLEGATI, ASSUMENDO, AGLI EFFETTI
DELLE VIGENTI DISPOSIZIONI, PIENA E DIRETTA
RESPONSABILITA'.

VCA Headquarters
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Eastgate Road
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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



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

Approval No: 55R-017665

Reason(s) for Extension: Not applicable

1. Trade name or mark of the device or component: V. Orlandi S.p.A.
2. Manufacturer's name for the type of device or component: DE713
3. Manufacturer's name and address:
V. Orlandi S.p.A.
25020 FLERO-BS
Italy
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:
As section 3. above
7. Submitted for approval on: 10 November 2009
8. Technical service responsible for conducting approval tests: TÜV SÜD Automotive GmbH
9. Brief description: Non standard coupling balls 50
- 9.1. Type and class of device or component: DE713 / A50-X
- 9.2. Characteristic values:
EAK211758

An executive agency of the Department for Transport

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9.2.1. Primary values:

D.....18 kN Dc..... kN S.....200kg
U.....tonnes V..... N

Alternative values: Not applicable

D..... kN Dc..... 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:
Distribution of maximum permissible vehicle mass between the axles:

Vehicle manufacturer's maximum permissible towable trailer mass:

Vehicle manufacturer's maximum permissible static vertical load on coupling ball:

Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, and spare wheel (if supplied) but not including driver:

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:

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: See manufacturer's documentation
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: See manufacturer's documentation
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: 19 November 2009
15. Number of test report: 09-00571-CX-GBM
16. Approval mark position: Manufacturer's plate on socket plate



17. Reason(s) for extension of approval (if applicable): Not applicable

18. Approval: GRANTED

19. Place: BRISTOL

20. Date: 30 NOVEMBER 2009

21. Signature:



A W STENNING
Head of Technical and Quality Group

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

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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE GRANTING OF EEC TYPE APPROVAL AS A
COMPONENT OF MECHANICAL COUPLING DEVICES FOR MOTOR VEHICLES AND THEIR
TRAILERS PURSUANT TO DIRECTIVE 94/20/EC OF 30 MAY 1994 (STU)

Type Approval No⁽¹⁾: e11*94/20*7665*00

Reason(s) for Extension: Not applicable

SECTION I

- 0.1 Make (trade name of manufacturer): V. Orlandi S.p.A.
- 0.2 Type and general commercial description(s): DE713 / non standard coupling balls 50
- 0.3 Means of identification of type if marked on the component⁽²⁾: Make (trade name) and type
- 0.3.1 Location of that marking: Type plate on socket plate
- 0.5 Name and address of manufacturer:
V. Orlandi S.p.A.
Via Quinzano 3
25020 FLERO-BS
Italy
- 0.7 In the case of components and separate technical units, location and method of affixing of the EEC approval mark: Manufacturers plate on socket plate, riveted
- 0.8 Name(s) and address(es) of assembly plants:
V. Orlandi S.p.A.
Via Quinzano 3
25020 FLERO-BS
Italy



SECTION II

1. Additional information (where applicable): See Appendix I
2. Technical service responsible for carrying out the tests: TÜV SÜD Automotive GmbH
3. Date of test report: 19 November 2009
4. Number of test report: 09-00571-CX-GBM
5. Remarks (if any): See Appendix I
6. Place: BRISTOL
7. Date: 30 NOVEMBER 2009
8. Signature:  A. W. STENNING
Head of Technical and Quality Group
9. The index to the information package lodged with the competent authority that has granted type approval, which may be obtained on request, is attached.

- (1) The EEC type approval number appearing on this document shall consist of all sections outlined in Annex VII to Directive 70/156/EEC as last amended by Directive 92/53/EEC. The component itself shall be marked as prescribed in the relevant separate Directive.
- (2) If the means of identification of type contains characters not relevant to describe the component types covered by this type approval certificate such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).

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94/20/EC (STU)

APPENDIX I

to EEC Type Approval Certificate No: e11*94/20*7665*00

concerning the component type-approval of mechanical coupling devices
with regard to Directive 94/20/EC

1. ADDITIONAL INFORMATION
 - 1.1 Class of type of coupling: A50-X, DE713
 - 1.2 Categories or types of vehicles for which the device is designed or restricted: M1, M2, M3, N1, N2
 - 1.3 Maximum D-value: 18 kN
 - 1.4 Maximum vertical load S at the coupling point: 200 kg
 - 1.5 Maximum load U at the fifth wheel coupling point: Not applicable
 - 1.6 Maximum V-value: Not applicable
 - 1.7 Instructions for attachment of the coupling type to the vehicle and photographs or drawings 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 manufacturers fitting instructions
 - 1.8 Information on the fitting of special towing brackets or mounting plates: See manufacturers fitting instructions
5. Remarks⁽¹⁾: None

⁽¹⁾ Including information as to whether fifth wheel couplings are unsuitable for positive steering.

