

**NSAI**

Certification

**EEC TYPE APPROVAL CERTIFICATE**

**With regard to Coupling Devices for Motor Vehicles**

Concerning the type-approval of a type of a component with regard to Directive 94/20/EC.


EC Type Approval No: e24\*94/20\*0150\*00

Reason for extension: *N/A.*

**SECTION I**

- 0.1 Make (trade name of manufacturer): *SIARR or Westfalia Automotive GmbH or Monoflex Nordic AB*
- 0.2 Type and general commercial description: *SI102  
Non-standard coupling balls 50*
- 0.3 Means of identification of type, if marked on the component: *Make, Class, Type.*
- 0.3.1 Location of that marking: *Manufacturer's plate on socket plate.*
- 0.5 Name and address of manufacturer: *S.I.A.R.R. SAS,  
76810 Luneray,  
France.*
- 0.7 In the case of components and separate technical units, location and method of affixing of the EEC approval mark: *Manufacturer's plate on socket plate. Riveted.*
- 0.8 Name(s) and address(es) of assembly plants: *S.I.A.R.R. SAS,  
76810 Luneray,  
France.*  
*Westfalia Automotive GmbH,  
33378 Rheda-Wiedenbrück,  
Germany.*  
*Monoflex Nordic AB,  
73432 Hallstahammar,  
Sweden.*

**SECTION II**

1. Additional information (where applicable): *See Appendix 1.*
2. Technical service responsible for carrying out the tests: ***TÜV SÜD AUTOMOTIVE GmbH,  
Daimlerstraße 11,  
D-85748 Garching,  
Germany.***
3. Date of test report: ***26.03.2009***
4. Number of test report: ***09-00108-CX-GBM.***
5. Remarks (if any): *See Appendix 1.*
6. Place: ***Dublin.***
7. Date: ***31<sup>st</sup> March, 2009.***
8. Signature: 
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.
10. Documentation: ***34 Pages.***



## Appendix 1

to EC Type Approval Certificate No.: *e24\*94/20\*0150\*00*

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

- |      |   |   |
|------|---|---|
| 1.   | Additional information  |   |
| 1.1. | Class of the type of coupling:  | <i>A50-X; S1102</i>   |
| 1.2. | Categories or types of vehicles for which the device is designed or restricted:   | <i>M, N. See technical report 09-00108-CX-GBM and accompanying documentation.</i> |
| 1.3. | Maximum D-value:  | <i>6.97 kN.</i>   |
| 1.4. | Maximum vertical load S at the coupling point:  | <i>75 kg.</i>   |
| 1.5. | Maximum load U at the fifth wheel coupling point:   | <i>N/A.</i>   |
| 1.6. | Maximum V-value:  | <i>N/A.</i>   |
| 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: | <i>See manufacturer's documentation.</i>  |
| 1.8. | Information on the fitting of special towing brackets or mounting plates:   | <i>See manufacturer's documentation.</i>  |
| 5.   | Remarks:  | <i>N/A.</i>   |