



RDW

NEDERLAND
(THE NETHERLANDS)



EEC TYPE-APPROVAL CERTIFICATE

Communication concerning:

- type-approval
- ~~extension of type-approval~~
- ~~refusal of type-approval~~
- ~~withdrawal of type-approval~~

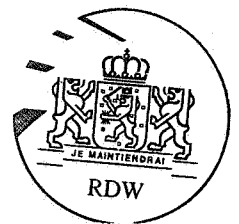
of a type of a component (towbar) with regard to Directive (94/20/EEC)

Type-approval number: e4*94/20*2481*00

Reason for extension:

SECTION I

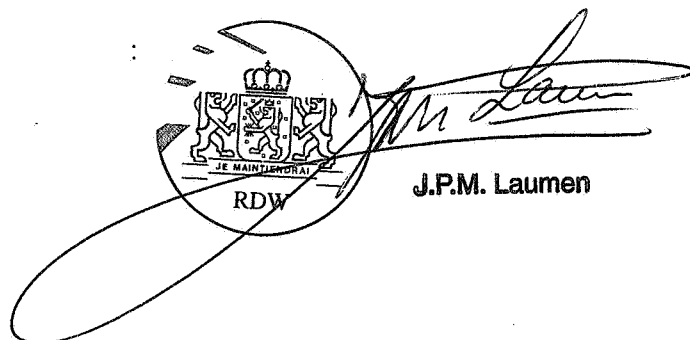
- 0.1. Make (trade name of manufacturer) : Bosal
- 0.2. Type and general commercial description(s) : 033594
- 0.3. Means of identification of type marked on the component : Type approval number
- 0.3.1. Location of that marking : On type plate
- 0.5. Name and address of manufacturer : Bosal
Tweede industrieweg 6
4921 XH Made, the Netherlands
- 0.7. In the case of components and separate technical units, location and method of affixing of the EEC type approval mark : On type plate
- 0.8. Address(es) of assembly plant(s) : See information document (annex III, item 0.8)



Type-approval number: e4*94/20*2481*00

SECTION II

1. Additional information (where applicable) : See Appendix I
2. Technical service responsible for carrying out the tests : RDW
Testbaan|Centrum
Talingweg 76
8218 NX Lelystad
3. Date of test report : 13-04-2004
4. Number of test report : RDW-94/20-3585
5. Remarks (if any) : See Appendix I
6. Place : Zoetermeer
7. Date : 13-04-2004
8. Signature :



The signature of J.P.M. Laumen is written in black ink over a circular stamp. The stamp features the RDW logo, which includes a crown and a shield with a lion, and the text 'RDW' below it. The signature is written in a cursive style and extends across the right side of the stamp.

J.P.M. Laumen

9. The index to the information package lodged with the competent authority that has granted type-approval, which may be obtained on request.
 - Application form relating to annex III and annexed drawings
 - Drawings and instructions for attachment
 - Fitting instructions
 - Test report as mentioned in item 4.

Appendix I
to EEC type-approval certificate No : e4*94/20*2481*00
concerning the components type-approval of mechanical coupling devices with regard to
Directive 94/20/EEC

1. Additional information
- 1.1. Class of the type of coupling : A50-X
- 1.2. Categories or types of vehicles for which the device is designed or restricted : See fitting instructions
- 1.3. Maximum D-value : 4,50 kN
- 1.4. Maximum vertical load S at the coupling point : 30 kg
- 1.5. Maximum load U at the fifth wheel coupling point : ----- ton
- 1.6. Maximum V-value : ----- kN
- 1.7. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fitting points at the vehicle give by the manufacturer; additional information if the use of the coupling type is restricted to special types of vehicles : See fitting instructions
- 1.8. Information on the fitting of special towing brackets or mounting plates : See fitting instructions



5. Remarks: The installation of the coupling device to the vehicle must be checked according to requirements of Annex VII, see Annex I, par.5.10.



TEST REPORT

TESTCENTRE



Statement regarding the mechanical coupling devices of motor vehicles their trailers and their attachment to those vehicles corresponding the Directive of the Council 94/20 EC

- 0.1 Make : Bosal
- 0.2 Type : 033594
- 0.3 Variety : Coupling ball and towing bracket
- 0.4 Class : A50-X
- 0.5 Name and address of the manufacturer : Bosal
Tweede industrieweg 6
4921 XH Made, the Netherlands
- 0.6 Name and adress of the principal : Bosal
Tweede industrieweg 6
4921 XH Made, the Netherlands

General : The device complies with the prescriptions mentioned in Annex V of the above mentioned Directive. See drawing/ documentation nr(s) : 033594 (total of 21 sheets).

Tests : The tests are carried out according Annex VI of the above mentioned Directive. See Annex(es) nr(s): 1
The installation according point 5.10 of Annex I has not been checked.

Conclusion : The mechanical coupling device complies with the stated requirements and there is no objection against approval according to above mentioned Directive.

Test date(s) : 03-03-2004/05-03-2004

By : F. Kleinbussink

Agreed : Technical specialist tests,

Lelystad, 13-04-2004
Head Test Centre,

Testcourse|Centre
Talingweg 76
8218 NX Lelystad

J.P.M. Laumen

RDW Testcentre

Test towing brackets according 94/20 EC

IDENTIFICATION OF THE COUPLING DEVICE	
Make: Bosal	Type: 033594
Max. trailer mass (Wr) (R)	: 750 kg
Max. static vertical load	: 30 kg
Drawing nr.	: 033594 (total of 21 sheets).
INFORMATION OF THE TOWING VEHICLE	
Make: Suzuki	
Type: Alto	
Body shape : -	
Model year : 2002 -	
Max. vehicle mass (Wm) (T): 1180 kg	
INITIAL CHECK	
Identification	agreed / not agreed *
Load according specification	agreed / not agreed *
Type plate	agreed / not agreed *
TESTING	
Frequency : 15 Hz	Load : 2,70 kN
Test angle : +15°	
TEST DATES	
Starting date: 03-03-2004	End date: 05-03-2004
FINAL CHECK	
Crack testing	agreed / not agreed *
REMARKS	
For additional drawings of the detachable ball system, see testreport RDW-94/20-2897.	
TOTAL AGREED / NOT AGREED	

* strike what does not apply



date : 13-04-2004

Initial : 