



RDW

Vehicle Technology Division

THE NETHERLANDS
(N E D E R L A N D)



EC TYPE-APPROVAL CERTIFICATE

Communication concerning the:

- type-approval ⁽¹⁾
- ~~extension of type-approval~~ ⁽¹⁾
- ~~refusal of type-approval~~ ⁽¹⁾
- ~~withdrawal of type-approval~~ ⁽¹⁾

of a type of a ~~vehicle/component~~/separate technical unit ⁽¹⁾ with regard to Directive 70/221/EEC, as last amended by Directive 2006/96/EC.

Type-approval number : e4*70/221*2006/20*0914*00

Reason for extension : N.A.

SECTION I

- 0.1. Make (trade name of manufacturer) : PURSO
- 0.2. Type and general commercial description(s) : J14966
- 0.3. Means of identification of type, if marked on the ~~vehicle/component~~/separate technical unit ^{(1) (2)} : Identification plate
- 0.3.1. Location of that marking : At the rear left side of the beam
See drawing K1556-05
- 0.4. Category of vehicle ⁽³⁾ : O or N
- 0.5. Name and address of manufacturer : Purso Oy Aluminium Works
Alumiinitie 1
37200 Siuro
Finland




Type-approval number: e4*70/221*2006/20*0914*00

- 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark : The identification plate will be glued at the rear left side of the beam
See drawing K1556-05
- 0.8. Address(es) of assembly plant(s) : See 0.5.

SECTION II

1. Additional information (where applicable) : see Addendum
2. Technical service responsible for carrying out the tests : RDW
P.O. Box 777
2700 AT Zoetermeer
The Netherlands
3. Date of test report : 11 March 2010
4. Number of test report : RDW-70/221-1076
5. Remarks (if any) : Documentation 5 pages
6. Place : Zoetermeer
7. Date : 11 March 2010
8. Signature :

A.A.M. van der Burg



A.A.M. van der Burg

9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.

⁽¹⁾ Delete where not applicable.

⁽²⁾ If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this type-approval certificate such characters shall be represented in the documentation by the symbol: "?" (e.g. ABC??123??).

⁽³⁾ As defined in Annex IIA to Directive 70/156/EEC.

ADDENDUM

to EC type-approval certificate number: e4*70/221*2006/20*0914*00

concerning the type-approval of a separate technical unit with regard to a rear underrun protective device (Directive 70/221/EEC, as last amended by Directive 2006/96/EC).

1. Additional information
 - 1.1. Construction
 - 1.1.1. Material : Aluminium, EN-AW6082 T6
See drawing K1556-05
 - 1.1.2. Method of affixing : See drawing K1556-05
 - 1.1.3. Dimension of the device : See drawing K1556-05
 - 1.2. Maximum technically permissible mass of the vehicle on which the device is to be mounted : Unlimited
 - 1.3. Restrictions of the use of the device (if any) : See drawing K1556-05
5. Remarks : This certificate is for the rear underrun beam only.
Chassis and chassis connection is not taken care of in this certificate.





Rear underrun protection device

Certificate: e4*70/221*2006/20*0914*00

Drawings list:

Contents	Drawing number	Pages
Index page		1 Page
Information document		1 Page
Test points	K1556-01	1 Page
J14966	K1556-05	1 Page
Profile drawing	14966M	1 Page



INFORMATION DOCUMENT No:
relating to EC type-approval as a separate technical unit with respect of a rear underrun
protective device

0. GENERAL

- 0.1. Make (trade name of manufacturer): **PURSO**
0.2. Type and general commercial description(s): **J14966**
0.5. Name and address of manufacturer: **Purso Oy Aluminium Works**
Alumiinitie 1
37200 SIURO, Finland

- 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark: **Adhesive plate, see drawing K1556-05**
0.8. Address(es) of assembly plant(s): **see 0.5**

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE(S) on which the device is intended to be fitted in so far as they relate to the rear underrun protection (attach photographs and/or drawings): **see drawing K1556-05**

- 1.7. Minimum sum of the moments of inertia about the horizontal axis of the chassis side-members in cross-section: **Responsibility of vehicle manufacturer**
1.8. Distance between the chassis side-members at the mounting points of the device: **min. 900 mm, max 1400mm, see drawing K1556-05**

2. MASS AND DIMENSIONS

- 2.1. Technically permissible maximum laden mass: **no limitation**

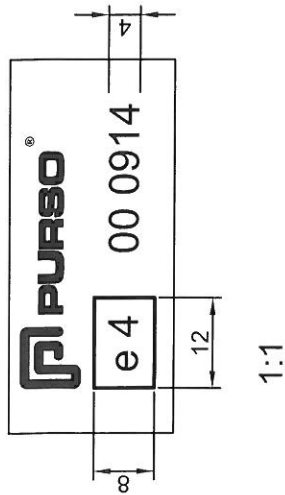
3. BODYWORK

- 3.1. Full description and/or drawing of the rear underrun protection device (including mounting and fittings): **see drawing K1556-05**

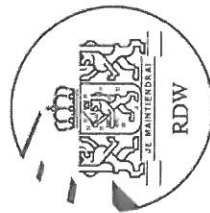
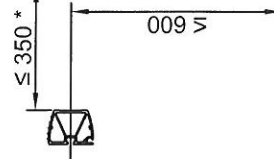
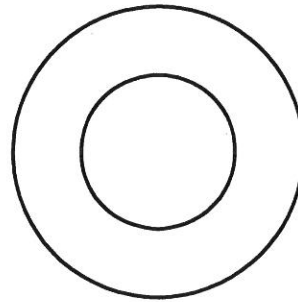
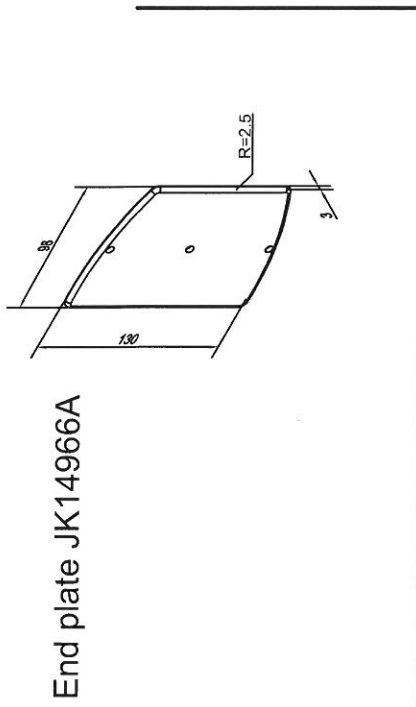


11.3.2010
(Date, file)

EC type-approval mark

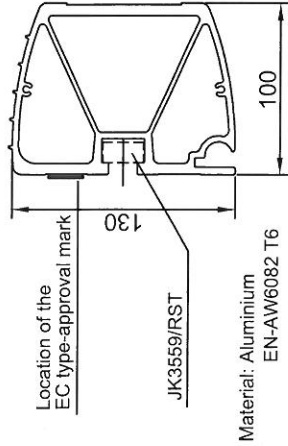


End plate JK14966A



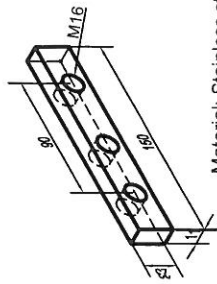
*Remarks deformation is only from the rear underrun beam. Deformation of the chassis and chassis connection bracket should be taken into account when fitting to the vehicle.

Rear underrun protection beam J14966

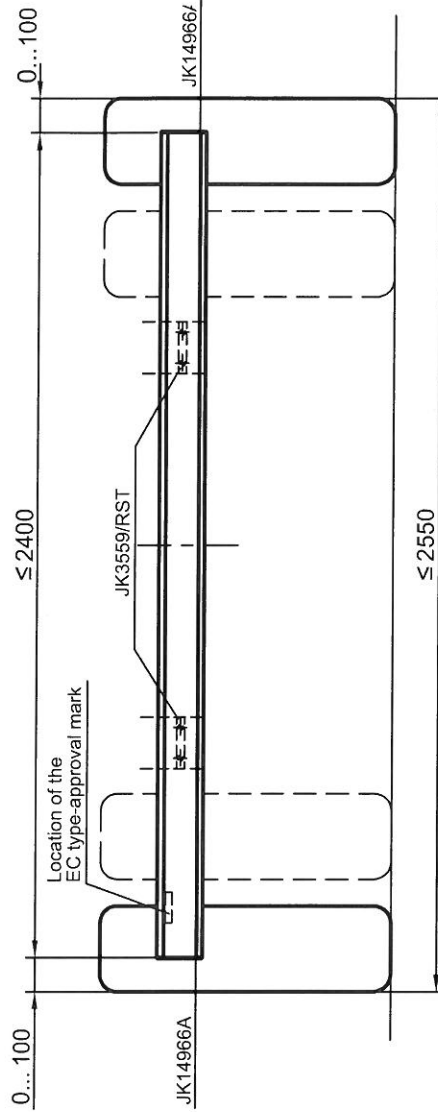
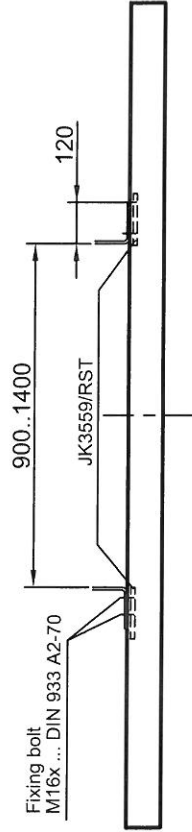



Material: Aluminium
EN-AW6082 T6

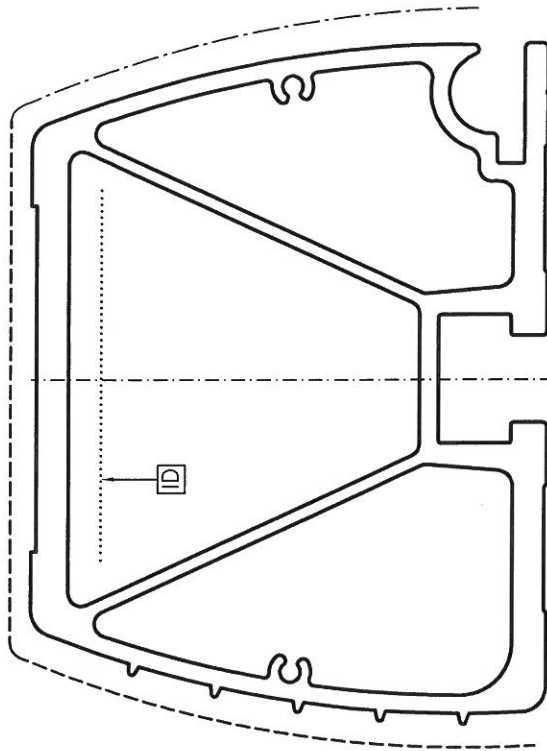
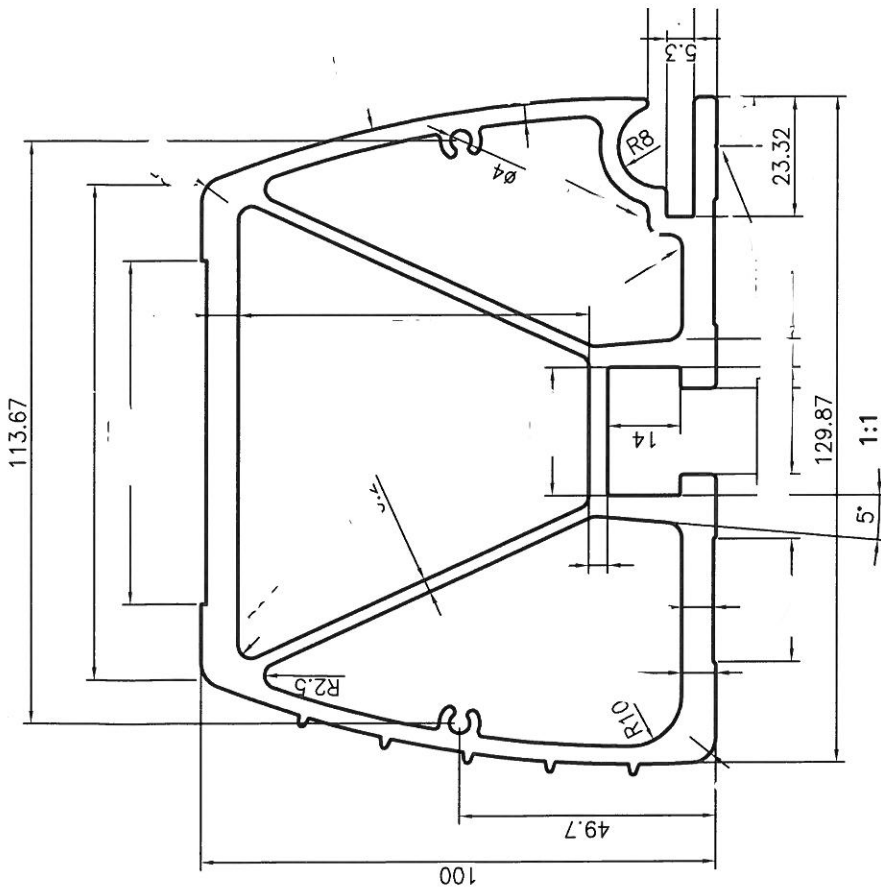
Fixing plate JK3559/RST



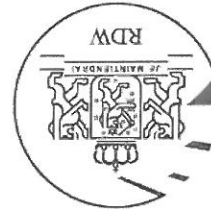
Material: Stainless steel
EN 1.4301P



Project		Scale
Rear underrun protection device	J14966	
 PURSO® Raikennusjärjestelmät	HMa/11.3.10	K1556-05



1:1



Ix	382.54 cm ⁴
Wx	71.38 cm ³
Iy	466.08 cm ⁴
Wy	69.67 cm ³

Mitoitusta lisätty 110310 ape
Uusi kuva 07.04.2008 ape

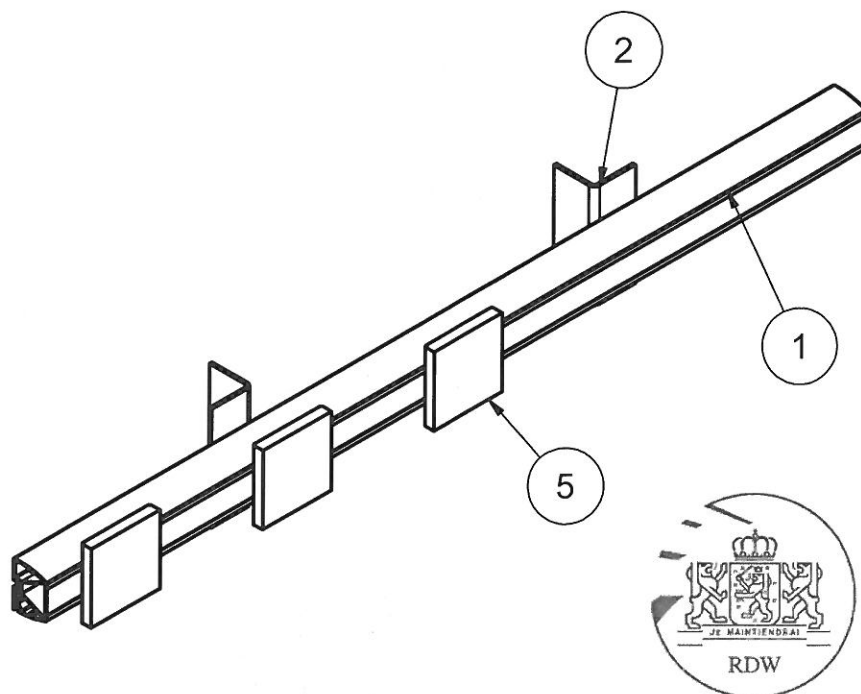
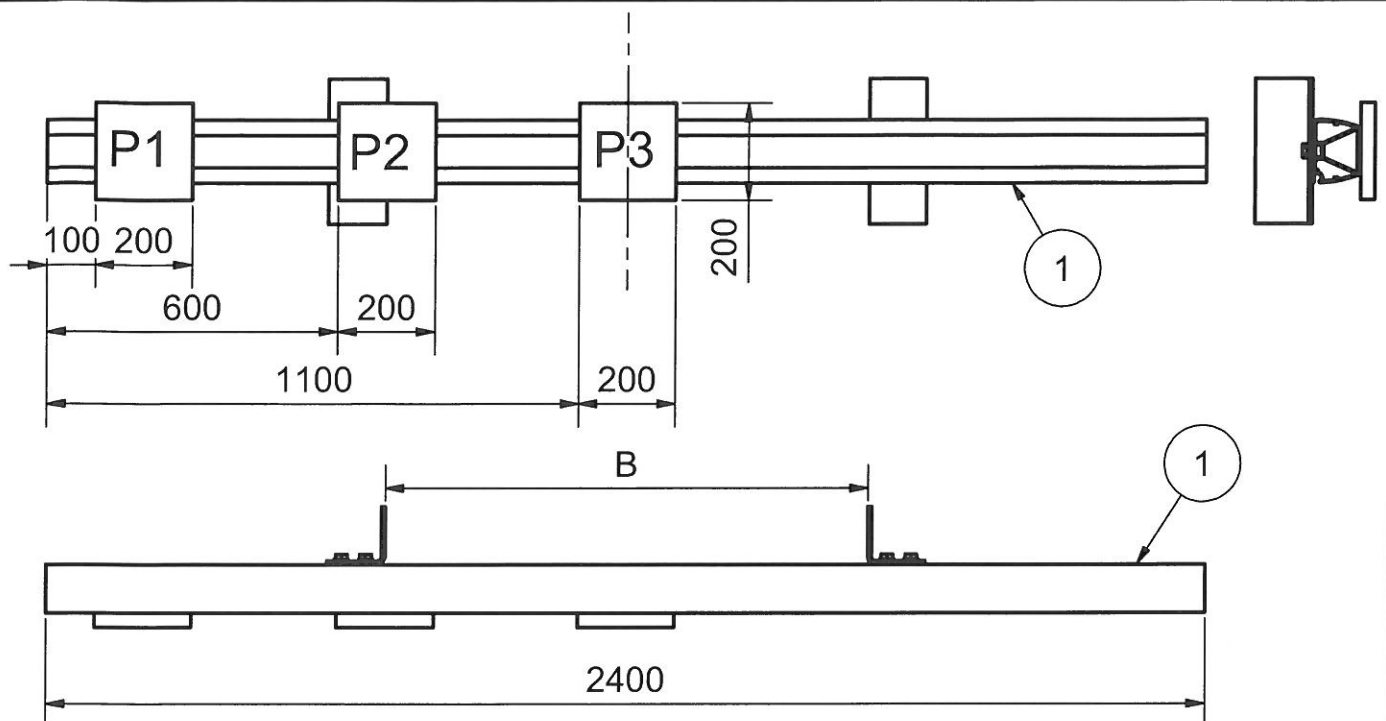
f FULL RAD		• R0.3		+ R1.0		Primary surface		Secondary surface		Not visible surface		Identification area	
SC	Ref.					Yes	YES	Not p.m.	300	MLe	Customer ref	2230	Drum 070408APE
g.a.a.	146	Kg/m	7.468			Gen. Width.	Gen. Thick.	Gen. Radi.	0.5				
P.m.	549	Alloy AW-6082 T6				Strength.	EN 755-9						
S.a.	2766	Toler.	EN 755-9			Flatness	EN 755-9						
Surf. prep.	2NE	Anod.	YES	Identif.	YES	Tension	EN 755-9						

<

10:1 (x5)

PURSO
Aluminium Works
37200 SILBO
TEL. 011-358-03-340411
FAX 011-358-03-3404310
www.purso.fi

14966M



Parts List

ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	J14966	EN-AW6082 T6	Aluminium profile 14966
2	2	K 1556-10	Steel	Bracket
5	3	Plate	Steel	Test point

kohde

Underrun protection device

sisältö

Test points

mitta-
kaava



piirt.

HMa/ 10.3.2010

piir. no.

K1556-01