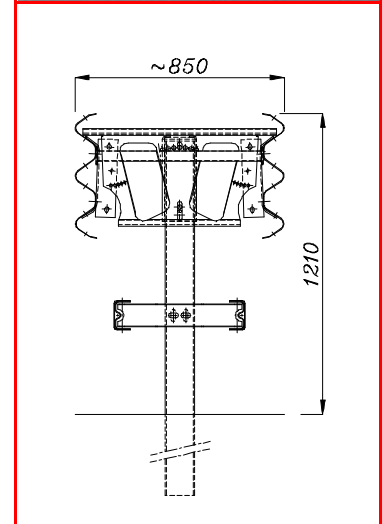


Deformable safety barrier, double sided, for ground Containment level H3



3N.TU-spt.19 dwg. 050-0684/01

Certified according	EN 1317-1/2
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Homologation according italian D.M. 223/92	47/2003 and following 1/2004
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CHARACTERISTICS

Weight	kg/m	78,23
Height out of ground	mm	1210 ± 40
Depth of fixing	mm	1095
Transversal overall dimensions	mm	850
Center to Center distance between posts	mm	1500
Suggested minimum lenght	m	103,5 ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	504,83 ⁽²⁾	A
Acceleration Severity Index "ASI"		1,0	
Theoretical Head Impact Velocity "THIV"	km/h	26,5	
Post-impact Head Deceleration "PHD"	g	12,2	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		2,40 / W7 (2,30)	1,20 / W4
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		2,80	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		2,30 (2,02)	0,40 (0,19)
Vehicle Cockpit Deformation Index "VCDI"		LF0000000	

- (1) End sections are not foreseen.
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger compartment.
- (3) It is the distance between the barrier side facing the traffic before impact and the maximum permanent lateral position of any major part of the barrier.
- (4) Values according EN 1317-1/2:1998 and proposal for revision EN 1317-1/2:2006.



TEST REPORTS

Report N°	Test field - Laboratory	Date of the crash-test	Vehicle	Vehicle Mass (kg)	Impact speed (km/h)	Impact angle
TUB/BSI-53/564	L.I.E.R. – Lyon (F)	21.11.01	Car	917	100,1	20,0°
TUB/BSI-48/545A	L.I.E.R. – Lyon (F)	26.09.01	Rigid HGV	16.430	82,5	20,0°

