

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Gallows with mounted signboards type BS and GS

Scope: Fixed vertical road traffic signs (ZA.6)

The product fulfils the essential characteristic:

See Annex 1

Intended use: Complete assemblies of fixed vertical road traffic signs, to be mounted at the top of a straight steel pipe

Placed on the market under the name or trade mark of:

**Seri Q Sign A/S
Stærmosegårdsvej 30
5230 Odense M
Denmark**

and produced in the manufacturing plant:

CPA30002

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 12899-1:2007 : **Fixed, vertical road traffic signs - Part 1: Fixed signs**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2017-01-20 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2026-04-22**

(This certificate supersedes the previous version of this certificate issued 2023-06-14)



Christina Østergaard
Responsible for evaluation



Lene Skovbjerg
Responsible for certification decision

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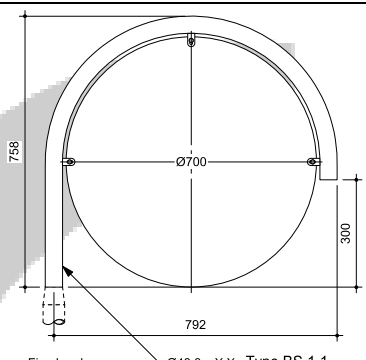
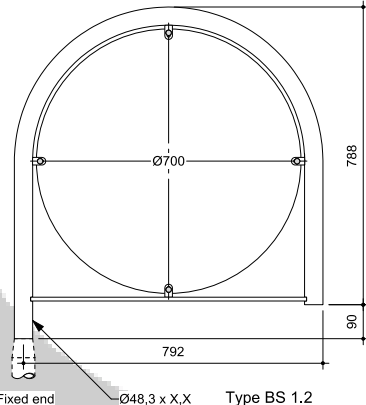
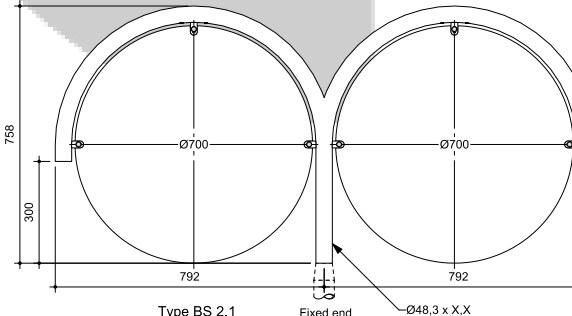
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Annex 1

Description and classification:

Sign sizes are maximum sizes ($\emptyset$, h and w)

Sizes of signboards and different types of gallows Pipes: Minimum steel quality: S235 in dimension $\emptyset 48,3 \times 2,9$, $\emptyset 48,3 \times 3,0$ and $\emptyset 48,3 \times 3,2$ mm Signboard: Minimum aluminium quality: $R_{p0,2} = 180$ MPa, min. 2 mm thickness	Classification according to wind load classes		
	Placed in WL1	Placed in WL2	Placed in WL3
	Signboard: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1. Gallows: PAF1, WL1, DSL0, PL0, TDB1, TDT4 and SP1.	Signboard: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1. Gallows: PAF1, WL2, DSL0, PL0, TDB1, TDT4 and SP1.	Signboard: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1. Gallows: PAF1, WL3, DSL0, PL0, TDB1, TDT5 and SP1.
		Signboard: PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1. Gallows: PAF1, WL2, DSL0, PL0, TDB1, TDT4 and SP1.	Signboard: PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1. Gallows: PAF1, WL3, DSL0, PL0, TDB2, TDT4 and SP1.
	Signboard: PAF1, WL1, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1. Gallows: PAF1, WL1, DSL0, PL0, TDB1, TDT4 and SP1.	Signboard: PAF1, WL2, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1. Gallows: PAF1, WL2, DSL0, PL0, TDB1, TDT4, and SP1.	Signboard: PAF1, WL3, DSL0, PL0, TDB5, TDT0, P2, E1 and SP1. Gallows: PAF1, WL3, DSL0, PL0, TDB2, TDT4 and SP1.

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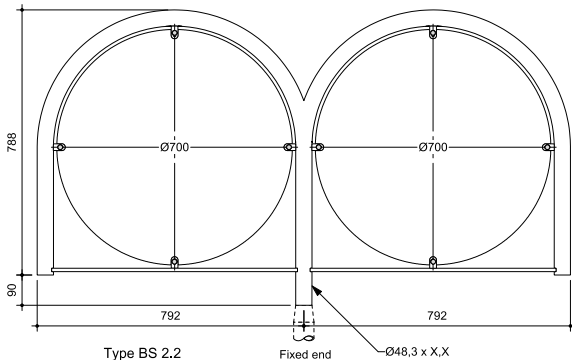
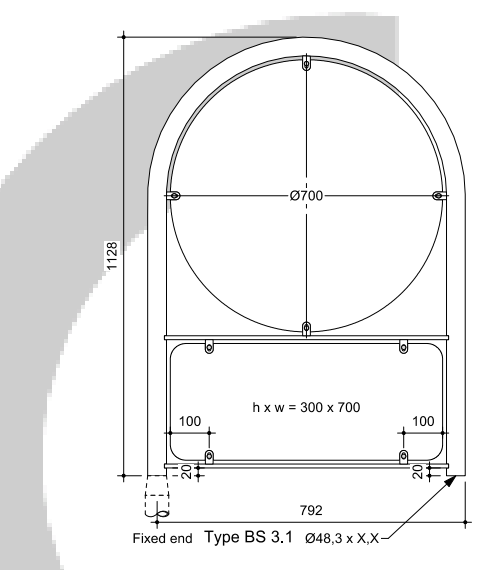
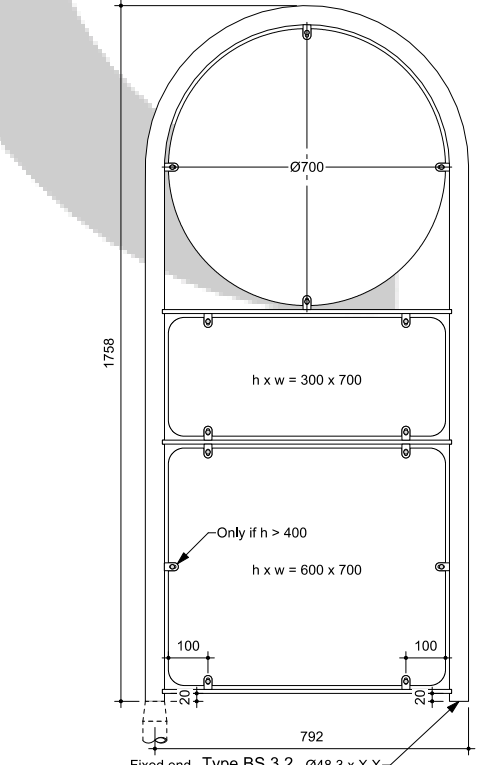
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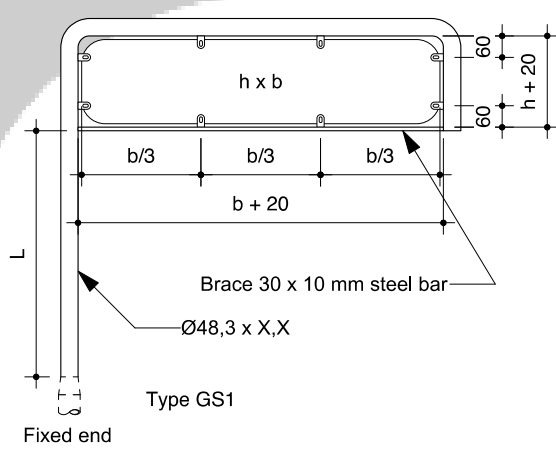
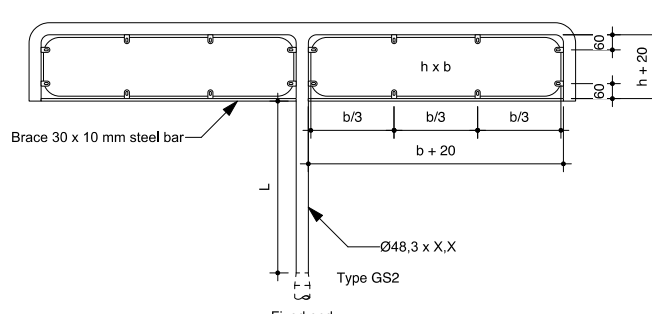
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 Type BS 2.2 Fixed end Ø48,3 x X,X		Signboard: PAF1, WL2, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. Gallows: PAF1, WL2, DSL0, PLO, TDB1, TDT3 and SP1.	Signboard: PAF1, WL3, DSL0, PLO, TDB4, TDT0, P2, E1 and SP1. Gallows: PAF1, WL3, DSL0, PLO, TDB2, TDT4 and SP1.
 1128 700 h x w = 300 x 700 100 792 Fixed end Type BS 3.1 Ø48,3 x X,X	Circular signboard: PAF1, WL1, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 300 x 700 mm signboard: PAF1, WL1, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. Gallows: PAF1, WL1, DSL0, PLO, TDB1, TDT4 and SP1.	Circular signboard: PAF1, WL2, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 300 x 700 mm signboard: PAF1, WL2, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. Gallows: PAF1, WL2, DSL0, PLO, TDB2, TDT4 and SP1.	Circular signboard: PAF1, WL3, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 300 x 700 mm signboard: PAF1, WL3, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. Gallows: PAF1, WL3, DSL0, PLO, TDB2, TDT5 and SP1.
 1758 700 h x w = 300 x 700 h x w = 600 x 700 Only if h > 400 100 792 Fixed end Type BS 3.2 Ø48,3 x X,X	Circular signboard: PAF1, WL1, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 300 x 700 mm signboard: PAF1, WL1, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 600 x 700 mm signboard: PAF1, WL1, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. Gallows: PAF1, WL1, DSL0,	Signboard: PAF1, WL2, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 300 x 700 mm signboard: PAF1, WL2, DSL0, PLO, TDB3, TDT0, P2, E1 and SP1. 600 x 700 mm signboard: PAF1, WL2, DSL0, PLO, TDB4, TDT0, P2, E1 and SP1. Gallows: PAF1, WL2, DSL0, PLO, TDB3, TDT6 and SP1	

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		PLO, TDB3, TDT5 and SP1.		
Sign, sizes and mounting system Pipes: Minimum steel quality: S235 in dimension $\varnothing 48,3 \times 2,9$, $\varnothing 48,3 \times 3,0$, $\varnothing 48,3 \times 3,2$, $\varnothing 60,3 \times 3,6$ and $\varnothing 60,3 \times 4,5$ mm Signboard: Minimum aluminium quality: $R_{p0,2} = 180$ MPa, min. 2 mm thickness		Classification according to wind load classes		
		Placed in WL1	Placed in WL2	Placed in WL3
 Upper part, single sign		$h \leq 235$ mm and $b \leq 1500$ mm $L \leq 1200$ mm		
		PAF1, WL1, DSL0, PLO, TDB2, TDT4, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, TDT5, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, TDT5, P2, E1 and SP1.
		$h \leq 235$ mm and $b \leq 1750$ mm $L \leq 1200$ mm		
		PAF1, WL1, DSL0, PLO, TDB2, TDT5, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, TDT5, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, TDT5, P2, E1 and SP1.
		$h \leq 235$ mm and $b \leq 2000$ mm $L \leq 1200$ mm		
		PAF1, WL1, DSL0, PLO, TDB3, TDT6, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB4, TDT6, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB4, TDT0, P2, E1 and SP1.
 Upper part, double sign		$h \leq 235$ mm and $b \leq 1500$ mm $L \leq 800$ mm		
		PAF1, WL1, DSL0, PLO, TDB2, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB2, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1.
		$h \leq 235$ mm and $b \leq 1750$ mm $L \leq 800$ mm		

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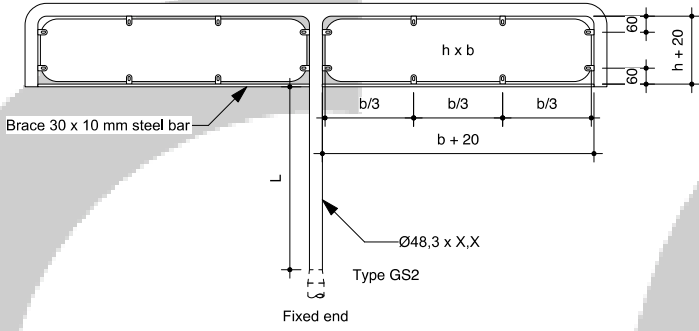
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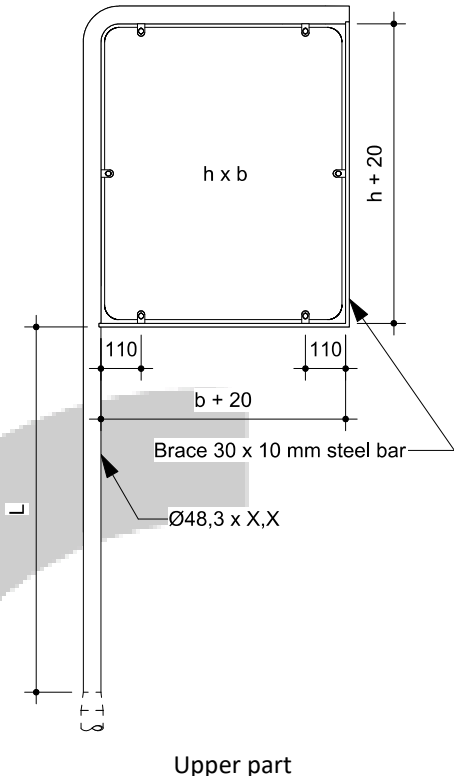
			PAF1, WL1, DSL0, PLO, TDB2, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1
 Brace 30 x 10 mm steel bar h x b b/3 b/3 b/3 b + 20 60 60 h + 20 Ø48,3 x X,X Type GS2 Fixed end Upper part, double sign			$h \leq 235 \text{ mm and } b \leq 2000 \text{ mm}$ $L \leq 800 \text{ mm}$		
			PAF1, WL1, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB3, P2, E1 and SP1
			$h \leq 800 \text{ mm and } b \leq 650 \text{ mm}$ $L \leq 1000 \text{ mm}$		

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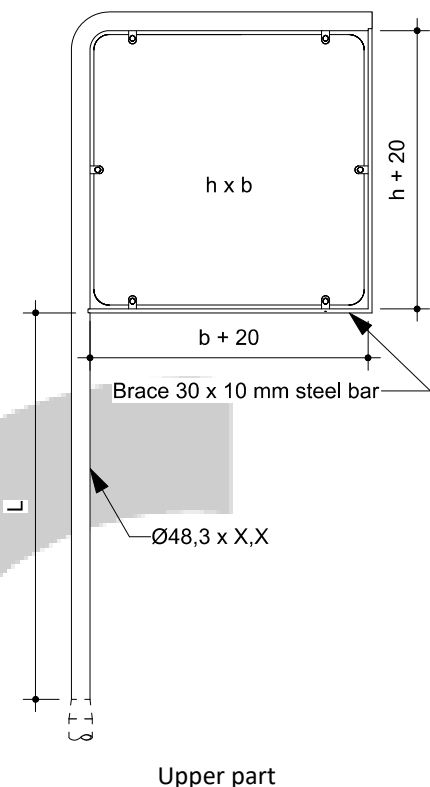
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 Upper part		PAF1, WL1, DSL0, PLO, TDB3, TDT2, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, TDT2, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB4, TDT3, P2, E1 and SP1.
		$h \leq 700 \text{ mm}$ and $b \leq 700 \text{ mm}$ $L \leq 1000 \text{ mm}$		

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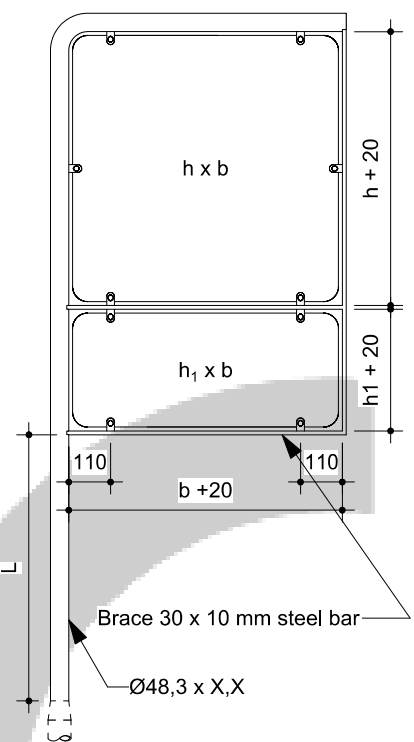
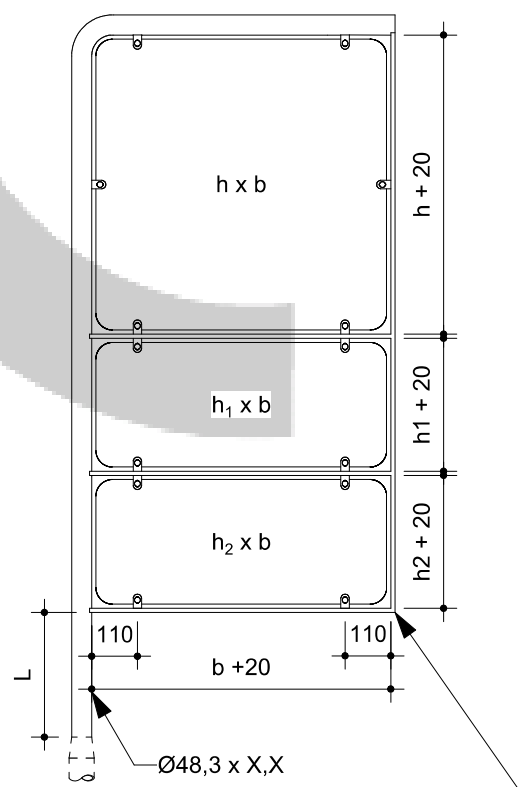
 h x b h + 20 b + 20 Brace 30 x 10 mm steel bar Ø48,3 x X,X Upper part	PAF1, WL1, DSL0, PLO, TDB3, TDT1, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, TDT2, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB4, TDT3, P2, E1 and SP1.
	h ≤ 700 mm, h1 ≤ 300 mm and b ≤ 700 mm L ≤ 700 mm		

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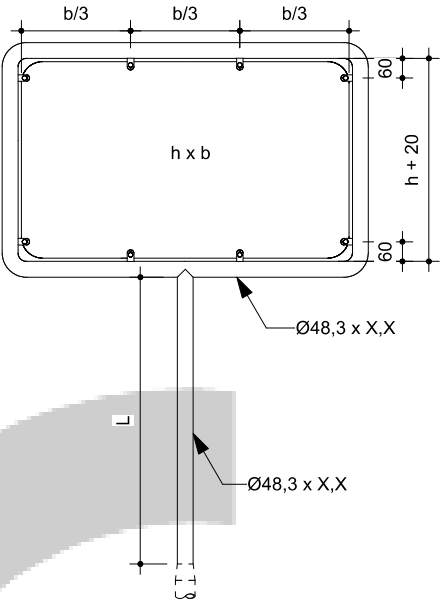
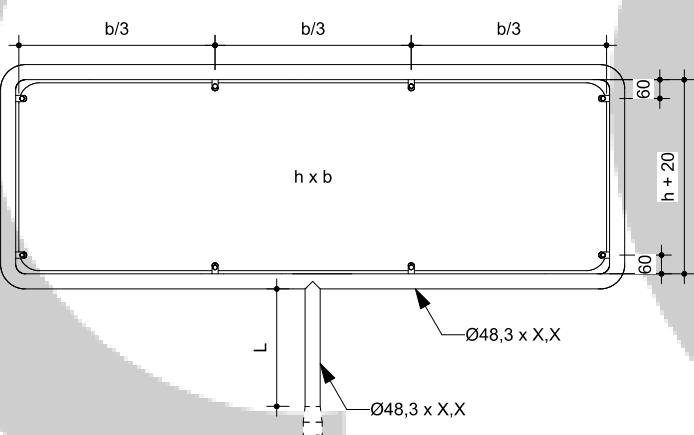
 Upper part	PAF1, WL1, DSL0, PLO, TDB3, TDT2, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB3, TDT2, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB4, TDT3, P2, E1 and SP1.
 Upper part	$h \leq 700 \text{ mm}$, $h1 \leq 300 \text{ mm}$ $h2 \leq 300 \text{ mm}$ and $b \leq 700 \text{ mm}$ $L \leq 300 \text{ mm}$		
	PAF1, WL1, DSL0, PLO, TDB2, TDT0, P2, E1 and SP1.	PAF1, WL2, DSL0, PLO, TDB2, TDT0, P2, E1 and SP1.	PAF1, WL3, DSL0, PLO, TDB2, TDT0, P2, E1 and SP1.
	$h \leq 600 \text{ mm}$, $b \leq 1000 \text{ mm}$ and		

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 Upper part	$L \leq 875 \text{ mm}$		
 Upper part	$h \leq 600 \text{ mm}, b \leq 1750 \text{ mm}$ and $L \leq 375 \text{ mm}$		
	$h \leq 600 \text{ mm}, b \leq 2000 \text{ mm}$ and $L \leq 175 \text{ mm}$		

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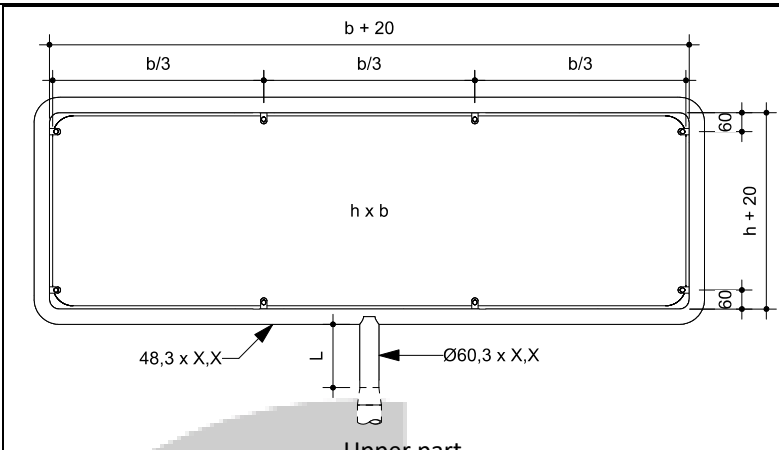
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		PAF1, WL1, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	PAF1, WL2, DSL0, PL0, TDB3, TDT0, P2, E1 and SP1.	PAF1, WL3, DSL0, PL0, TDB4, TDT0, P2, E1 and SP1.
Resistance to horizontal loads		NPD To be declared on the support		
Resistance to bending		NPD To be declared on the support		
Resistance to torsion		NPD To be declared on the support		
Fixings:		Pass. The signs, sizes and gallews are intended for mounting at the top of another straight steel pipe. Together the gallews and the straight steel is the support for the sign. M6 Screws, nuts and washers are minimum A2, class 70 ($f_{y,b} = 450$ MPa). Pressure force for tightening: 2 kN.		
Temporary deflection (supports) -bending -torsion		NPD To be declared on the support		
Permanent deflection		NDP		
Performance under vehicle impact		NPD To be declared on the support		

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Visibility		Value/description/ class/reference
Retroreflective signs: Daylight chromaticity & luminance factor	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839 ETA 25/0701
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
Non retroreflective signs: Daylight chromaticity & luminance facto		NPD
Retroreflective signs: Coefficient of retroreflection R _A	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
External illumination:		
mean illuminance		NPD
uniformity of illuminance		NPD

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Durability		Value/description /class
Impact resistance Sign face material	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
Resistance to weathering – sign face material: Retroreflective signs	3M Flexible engineer Grade Prismatic 7600	ETA 19/0839
	3M High Intensity Prismatic 3930	ETA 18/0290
	3M Engineering Grade Prismatic 3430	ETA 12/0550 ETA 10/0118
	3M Diamond Grade DG	ETA 18/0405
	3M™ Flexible Engineer Grade Reflective Sheeting 7610	ETA 19/0839
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS	ETA 24/0244
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS	ETA 24/0246
Resistance to weathering – sign face material: Non retroreflective signs		NPD

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Corrosion resistance		
Steel pipes and fins		Minimum S235 SP1
Screws, nuts and washers		SP2 Minimum A2, Class 70
Aluminum plate		SP1 Lacquered Al-plate on exposed side if any
Resistance to penetration of dust and water		NPD The product cannot be provided with compartments for electrical equipment

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Annex 2

TECHNICAL BASIS

File number	Title	Date
None	Seri Q sign A/S Calculation of minor traffic signs (ITC) Type BS, upper part Ø48,3 x 2,9, Ø48,3 x 3,0, and Ø48,3 x 3.2 mm steel pipes.	September 2016
	Seri Q Sign A/S Calculation of minor traffic signs(ITC), Shapes and sizes for signs mounted in gallows type GS Revision 01	January 2018
	3M™ Flexible Engineer Grade Prismatic Reflective Sheeting 7600: ETA 19/0839 ver. 02	2022-09-19
	3M™ Flexible Engineer Grade Prismatic Reflective Sheeting 7600+Canon UVgel ink + 3M™ Protective Overlay Film 1170C ETA 25/0701	2025-10-13
	3M High Intensity Prismatic 3930 ETA 18/0290	2018-06-21
	3M Engineering Grade Prismatic 3430: ETA 10/0118 ETA 12/0550	2016-02-10 2018-06-06
	3M Diamond Grade DG: ETA 18/0405	2018-06-21
	3M™ Flexible Engineer Grade Reflective Sheeting 7610 ETA 19/0839	2022-09-19
	3M™ High Intensity Prismatic Reflective Sheeting for Digital Printing 3930 UDS ETA 24/0244	2025-10-13
	3M™ Diamond Grade™ DG ³ Prismatic Reflective Sheeting for Digital Printing 4090 UDS ETA 24/0246	2025-10-13

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