



Ydeevnedeklaration

NR. SQS 00090-D

1. Byggevaretype:	Aluminium master
2. Byggevareidentifikation:	SeriPole Big
3. Byggevarens tilsigtede anvendelse(r):	Eftergivelige master til færdselstavler
4. Fabrikantens navn og adresse:	Seri Q Sign A/S Stærmosegårdvej 30 DK-5230 Odense M
5. Navn og adresse på den bemyndigede repræsentant:	Ikke relevant
6. Systemerne for vurdering og kontrol af konstansen af byggevarens ydeevne (AVCP):	System 1
7. Harmoniseret standard & Notificeret Organ: Har udført Efter system Og udstedt	EN 12899-1:2007 DBI Certification A/S nr. 2531 Indledende inspektion af fabriksanlæg og fabrikkens egen produktionskontrol samt kontinuerlig overvågning, vurdering og evaluering af fabrikkens egen produktionskontrol. 1 Overensstemmelsesattest for fabrikkens egen produktionskontrol (nr. 2531-CPR-CSC-10017)
8. Deklareret ydeevne: Se følgende sider.	



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Annex 1

EXTENT

Type	Description																																																																																																																
Product identification incl. eventual variants (accepted by test lab) Dimensions: 190 x 190 mm SeriPole BIG signpost 190 x 280 mm SeriPole BIG signpost Material: Post: Aluminium Alloy: AW 6063 T66 Anodizing 20µm, nature Base Plate: Aluminium Alloy: AW 6082 T6, Anodizing 20µm, nature Spacer: Aluminium Alloy: AW 6082 T6, Coating: Non Pin bolt: Steel quality: Class 10.9 Coating: hot dip galvanized M16 nut: DIN 14399-4 Washer M16: EN 14399-6 FZV Pin Bolt are glued to the sign post. Tightened to 150 Nm. Maximum height: 8 m above base plate. Maximum area of sign to be mounted: 16,5 m² Lower edge of sign plate shall be at least 2 m above base plate unless otherwise evaluated	Resistance to horizontal loads: SeriPole BIG signpost with mounted base plate: <table><tr><td></td><td colspan="4">Bending</td><td colspan="2">Torsion</td></tr><tr><td>SeriPole BIG</td><td colspan="2">Moment capacity bending (M_u)</td><td colspan="2">Stiffness (EI)</td><td>Moment capacity torsion (T_u)</td><td>Stiffness (GIt)</td></tr><tr><td>mm</td><td colspan="2">kNm</td><td colspan="2">kNm²</td><td>kNm</td><td>kNm²</td></tr><tr><td></td><td>x-axis</td><td>y-axis</td><td>x-axis</td><td>y-axis</td><td></td><td></td></tr><tr><td>190 x 190</td><td>55.0</td><td>-</td><td>1833</td><td>-</td><td>11</td><td>380</td></tr><tr><td>190 x 280</td><td>91.0</td><td>-</td><td>4136</td><td>-</td><td>11</td><td>470</td></tr></table> SeriPole BIG signpost without mounted base plate: <table><tr><td></td><td colspan="4">Bending</td><td colspan="2">Torsion</td></tr><tr><td>SeriPole BIG</td><td colspan="2">Moment capacity bending (M_u)</td><td colspan="2">Stiffness (EI)</td><td>Moment capacity torsion (T_u)</td><td>Stiffness (GIt)</td></tr><tr><td>mm</td><td colspan="2">kNm</td><td colspan="2">kNm²</td><td>kNm</td><td>kNm²</td></tr><tr><td></td><td>x-axis</td><td>y-axis</td><td>x-axis</td><td>y-axis</td><td></td><td></td></tr><tr><td>190 x 190</td><td>73.2</td><td>38.9</td><td>2436</td><td>1295</td><td>34</td><td>928</td></tr><tr><td>190 x 280</td><td>124.6</td><td>54.6</td><td>6106</td><td>1834</td><td>52</td><td>1650</td></tr></table> Performance under vehicle impact, Passive safety with mounted base plate: <table><tr><td>SeriPole BIG mm</td><td>190 x 190</td><td>190 x 280</td></tr><tr><td>Speed class</td><td>100</td><td>100</td></tr><tr><td>Energy absorbing category</td><td>NE</td><td>NE</td></tr><tr><td>Occupant safety class</td><td>C</td><td>C</td></tr><tr><td>Backfill type</td><td>S</td><td>S</td></tr><tr><td>Collapse mode</td><td>SE</td><td>SE</td></tr><tr><td>Direction class</td><td>SD</td><td>SD</td></tr><tr><td>Risk of roof indentation</td><td>0</td><td>0</td></tr></table> General: Durability: <table><tr><td>Corrosion resistance (supports) Metal, Aluminium</td><td>SP1 for aluminium, pin bolts , washers and nuts. SP0 for spacer and top lid</td></tr></table> <table><tr><td>Resistance to penetration of dust and water</td><td>Top of signpost can be sealed with a lid. Supports can not be provided with compartments for electrical equipment.</td></tr></table>		Bending				Torsion		SeriPole BIG	Moment capacity bending (M _u)		Stiffness (EI)		Moment capacity torsion (T _u)	Stiffness (GIt)	mm	kNm		kNm ²		kNm	kNm ²		x-axis	y-axis	x-axis	y-axis			190 x 190	55.0	-	1833	-	11	380	190 x 280	91.0	-	4136	-	11	470		Bending				Torsion		SeriPole BIG	Moment capacity bending (M _u)		Stiffness (EI)		Moment capacity torsion (T _u)	Stiffness (GIt)	mm	kNm		kNm ²		kNm	kNm ²		x-axis	y-axis	x-axis	y-axis			190 x 190	73.2	38.9	2436	1295	34	928	190 x 280	124.6	54.6	6106	1834	52	1650	SeriPole BIG mm	190 x 190	190 x 280	Speed class	100	100	Energy absorbing category	NE	NE	Occupant safety class	C	C	Backfill type	S	S	Collapse mode	SE	SE	Direction class	SD	SD	Risk of roof indentation	0	0	Corrosion resistance (supports) Metal, Aluminium	SP1 for aluminium, pin bolts , washers and nuts. SP0 for spacer and top lid	Resistance to penetration of dust and water	Top of signpost can be sealed with a lid. Supports can not be provided with compartments for electrical equipment.
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SERI·Q·SIGN

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9. Ydeevnen for den byggevare, der er anført i punkt 1 og 2, er i overensstemmelse med den deklarerede ydeevne i punkt 8.

Denne ydeevnedeklaration udstedes på eneansvar af den fabrikant, der er anført i punkt 4.
Underskrevet for og på vegne af fabrikanten af:

Odense 2020-03-27, Paul Pedersen, Produktionschef