

**Ydeevnedeklaration**

NR. SQS 00090-D

1. Byggevaretype:	Aluminium master
2. Byggevaridentifikation:	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 m ² 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 border="1"> <thead> <tr> <th rowspan="2">SeriPole BIG</th> <th colspan="2">Bending</th> <th colspan="2">Stiffness (EI)</th> <th colspan="2">Torsion</th> </tr> <tr> <th>Moment capacity bending (M_u)</th> <th></th> <th></th> <th></th> <th>Moment capacity torsion (T_u)</th> <th>Stiffness (GIt)</th> </tr> <tr> <th>mm</th> <th>kNm</th> <th></th> <th>kNm²</th> <th></th> <th>kNm</th> <th>kNm²</th> </tr> <tr> <th></th> <th>x-axis</th> <th>y-axis</th> <th>x-axis</th> <th>y-axis</th> <th></th> <th></th> </tr> </thead> <tbody> <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> </tbody> </table> SeriPole BIG signpost without mounted base plate: <table border="1"> <thead> <tr> <th rowspan="2">SeriPole BIG</th> <th colspan="2">Bending</th> <th colspan="2">Stiffness (EI)</th> <th colspan="2">Torsion</th> </tr> <tr> <th>Moment capacity bending (M_u)</th> <th></th> <th></th> <th></th> <th>Moment capacity torsion (T_u)</th> <th>Stiffness (GIt)</th> </tr> <tr> <th>mm</th> <th>kNm</th> <th></th> <th>kNm²</th> <th></th> <th>kNm</th> <th>kNm²</th> </tr> <tr> <th></th> <th>x-axis</th> <th>y-axis</th> <th>x-axis</th> <th>y-axis</th> <th></th> <th></th> </tr> </thead> <tbody> <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> </tbody> </table> Performance under vehicle impact, Passive safety with mounted base plate: <table border="1"> <thead> <tr> <th>SeriPole BIG mm</th> <th>190 x 190</th> <th>190 x 280</th> </tr> </thead> <tbody> <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> </tbody> </table> General: Durability: <table border="1"> <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 border="1"> <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>	SeriPole BIG	Bending		Stiffness (EI)		Torsion		Moment capacity bending (M _u)				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	SeriPole BIG	Bending		Stiffness (EI)		Torsion		Moment capacity bending (M _u)				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