



Ydeevnedeklaration

NR. SQS 00064-D

1. Byggevaretype:	Faste lodrette trafikskilte
2. Byggevareidentifikation:	Lodret stander for skilte
3. Byggevarens tilsigtede anvendelse(r):	Rørstander til montage af lodrette trafikskilte
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-CSC10003)
8. Deklareret ydeevne: Se følgende sider.	

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EXTENT

Type	Description																																																																																										
Dimensions: OD 33,7 x 3,2 mm OD 48,3 x 2,9 mm OD 48,3 x 3,0 mm OD 48,3 x 3,2 mm OD 48,3 x 4,0 mm OD 60,3 x 3,6 mm OD 60,3 x 4,5 mm OD 76,1 x 3,6 mm OD 76,1 x 4,5 mm OD 88,9 x 3,2 mm OD 88,9 x 4,0 mm OD 88,9 x 4,8 mm OD 114,3 x 4,5 mm OD 114,3 x 5,0 mm OD 114,3 x 5,4 mm Material: Steel S235JRH, S235JOH or S235J2H Hot dip galvanized coating, according to EN 1461.	Resistance to horizontal loads, bending, torsion: <table><tr><th></th><th colspan="2">Bending</th><th colspan="2">Torsion</th></tr><tr><th>Steel pipe</th><th>Max moment</th><th>Stiffness</th><th>Max torque</th><th>Stiffness</th></tr><tr><th>mm</th><th>kNm</th><th>kNm²</th><th>kNm</th><th>kNm²</th></tr><tr><td>33,7 x 3,2</td><td>0,50</td><td>7,57</td><td>0,58</td><td>5,84</td></tr><tr><td>48,3 x 2,9</td><td>1,04</td><td>22,5</td><td>1,20</td><td>17,3</td></tr><tr><td>48,3 x 3,0</td><td>1,07</td><td>23,1</td><td>1,24</td><td>17,8</td></tr><tr><td>48,3 x 3,2</td><td>1,13</td><td>24,3</td><td>1,30</td><td>18,8</td></tr><tr><td>48,3 x 4,0</td><td>1,34</td><td>28,9</td><td>1,55</td><td>22,3</td></tr><tr><td>60,3 x 3,6</td><td>2,02</td><td>54,3</td><td>2,33</td><td>41,9</td></tr><tr><td>60,3 x 4,5</td><td>2,41</td><td>64,9</td><td>2,78</td><td>50,1</td></tr><tr><td>76,1 x 3,6</td><td>3,34</td><td>113</td><td>3,85</td><td>87,5</td></tr><tr><td>76,1 x 4,5</td><td>4,02</td><td>137</td><td>4,64</td><td>105</td></tr><tr><td>88,9 x 3,2¹</td><td>4,19</td><td>166</td><td>4,84</td><td>128</td></tr><tr><td>88,9 x 4,0</td><td>5,09</td><td>202</td><td>5,88</td><td>156</td></tr><tr><td>88,9 x 4,8</td><td>5,95</td><td>236</td><td>6,87</td><td>182</td></tr><tr><td>114,3 x 4,5</td><td>9,64</td><td>492</td><td>11,1</td><td>380</td></tr><tr><td>114,3 x 5,0</td><td>10,6</td><td>540</td><td>12,2</td><td>416</td></tr><tr><td>114,3 x 5,4</td><td>11,3</td><td>577</td><td>13,0</td><td>445</td></tr></table>		Bending		Torsion		Steel pipe	Max moment	Stiffness	Max torque	Stiffness	mm	kNm	kNm ²	kNm	kNm ²	33,7 x 3,2	0,50	7,57	0,58	5,84	48,3 x 2,9	1,04	22,5	1,20	17,3	48,3 x 3,0	1,07	23,1	1,24	17,8	48,3 x 3,2	1,13	24,3	1,30	18,8	48,3 x 4,0	1,34	28,9	1,55	22,3	60,3 x 3,6	2,02	54,3	2,33	41,9	60,3 x 4,5	2,41	64,9	2,78	50,1	76,1 x 3,6	3,34	113	3,85	87,5	76,1 x 4,5	4,02	137	4,64	105	88,9 x 3,2 ¹	4,19	166	4,84	128	88,9 x 4,0	5,09	202	5,88	156	88,9 x 4,8	5,95	236	6,87	182	114,3 x 4,5	9,64	492	11,1	380	114,3 x 5,0	10,6	540	12,2	416	114,3 x 5,4	11,3	577	13,0	445
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		Performance under vehicle impact according to EN 12767:2019: <table><tr><th>Steel pipe</th><th>Speed class</th><th>Energy absorption category</th><th>Occupant safety level</th><th>Collapse mode</th></tr><tr><th>mm</th><th></th><th></th><th></th><th></th></tr><tr><td>33,7 x 3,2</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>48,3 x 2,9</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>48,3 x 3,0</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>48,3 x 3,2</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>48,3 x 4,0</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>60,3 x 3,6</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>60,3 x 4,5</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>76,1 x 3,6</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>76,1 x 4,5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>88,9 x 3,2²</td><td>100</td><td>NE</td><td>C</td><td>SE</td></tr><tr><td>88,9 x 4,0</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>88,9 x 4,8</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>114,3 x 4,5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>114,3 x 5,0</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>114,3 x 5,4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>	Steel pipe	Speed class	Energy absorption category	Occupant safety level	Collapse mode	mm					33,7 x 3,2	100	NE	C	SE	48,3 x 2,9	100	NE	C	SE	48,3 x 3,0	100	NE	C	SE	48,3 x 3,2	100	NE	C	SE	48,3 x 4,0	100	NE	C	SE	60,3 x 3,6	100	NE	C	SE	60,3 x 4,5	100	NE	C	SE	76,1 x 3,6	100	NE	C	SE	76,1 x 4,5	-	-	-	-	88,9 x 3,2 ²	100	NE	C	SE	88,9 x 4,0	-	-	-	-	88,9 x 4,8	-	-	-	-	114,3 x 4,5	-	-	-	-	114,3 x 5,0	-	-	-	-	114,3 x 5,4	-	-	-	-				
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	Durability: <table><tr><td>Corrosion resistance (supports) Metal</td><td>SP1</td></tr><tr><td>Resistance to penetration of dust and water</td><td>Supports can not be provided with compartments for electrical equipment</td></tr></table>	Corrosion resistance (supports) Metal	SP1	Resistance to penetration of dust and water	Supports can not be provided with compartments for electrical equipment																																																																																						
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Ydeevnedeklaration

NR. SQS 00064-D

EXTENT

Type	Description
Dimensions IPE-profiles: IPE 120 IPE 140 IPE 160 IPE 180 IPE 200 IPE 220 IPE 240 Material: Steel S355J2 Hot dip galvanized coating, according to EN 1461	Resistance to horizontal loads, bending, torsion:

Type	Description	
Dimensions RHS-profiles: RHS 60 x 40 x 3,0 RHS 80 x 40 x 3,0 RHS 100 x 50 x 3,0 RHS 120 X 60 x 4,0 RHS 150 x 100 x 5,0 RHS 160 x 80 x 5,0 RHS 180 x 100 x 6,0 RHS 200 x 100 x 6,0 RHS 250 x 150 x 6,3 RHS 100 x 100 x 5,0 RHS 120 x 120 x 5,0 RHS 150 x 150 x 5,0 RHS 180 x 180 x 5,0 RHS 200 x 200 x 5,0 RHS 200 x 200 x 8,0 Material: Steel S355J2 Hot dip galvanized coating, according to EN 1461	Resistance to horizontal loads, bending, torsion:	



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 2020-08-12, Paul Pedersen, Produktionschef