



**Steel quality**

Steel: s355 + hot-dip galvanized acc. EN ISO 1461  
 U-bolts: s355 FZV  
 Threaded rods: 8.8 FZV

**Performance**

This data sheet covers diameter from Ø711mm to Ø3000mm  
 This data sheet covers offset from 75mm to 400mm  
 Max installation on hoops: 6 brackets  
 Max vertical load from equipment per bracket: 75kg  
 Max vertical load from equipment total: 262,5kg  
 Max horizontal load from equipment per pbracket incl safety factor: 2,55kN  
 Max horizontal load from equipment total incl safety factor: 7,65kN  
 Max wind load area per bracket incl form factor (C x A): 0,75m<sup>2</sup>  
 Max wind load area total incl form factor (C x A): 2,55m<sup>2</sup>  
 Max installation height: 70meter  
 Terrain classification: TC1  
 Reference wind speed: 27m/s  
 M10 nut tightening torque: 30Nm  
 M10 2nd nut tightening torque: 47Nm  
 M12 nut tightening torque: 45Nm  
 M12 2nd nut tightening torque: 60Nm  
 M16 nut tightening torque: 80Nm  
 M16 2nd nut tightening torque: 197Nm

Installation and maintenance guides are available on our website [www.telecomsteel.com](http://www.telecomsteel.com)

Basis for structural design is according to EN 1990:2007 and Danish National Annex DS/EN 1990/NA.

Manufacturing of the structure is carried out in accordance with Execution Class EXC2 as per EN 1090-1+A1:2012 and EN 1090-2:2018.

Governing environmental loading is assessed as wind load, and actions on structures are determined according to EN 1991-1-4 and Danish National Annex DS/EN 1991-1-4/NA. CE marking is performed in accordance with the Construction Products Regulation (CPR).

Size	Item numbers		
	1arm	2arm	3arm
Ø711-Ø1000mm	51234	51235	51236
Ø1001-Ø2000mm	51274	51275	51276
Ø2001-Ø3000mm	51314	51315	51316

Designed by AndersPedersen	Checked by	Approved by	Date	Date 14-12-2025
 <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			Extra bracket steel hoops	
			51236	Revision E

