1 bracket

Threaded rod
M16 x 250mm FZV

Ø711-ø3000mm

Fixed offset 75-300mm

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 300mm
Max installation on hoops: 6 brackets
Max vertical load from equipment per bracket: 87,5kg
Max vertical load from equipment total: 262,5kg
Max horizontal load from equipment per pbracket incl safety factor: 2,5kN
Max horizontal load from equipment total incl safety factor: 7,5kN
Max wind load area per bracket incl form factor (C x A): 0,85m2
Max wind load area total incl form factor (C x A): 2,5m2
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

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).

Item numbers			
Size	1arm	2arm	3arm
Ø711-ø1000mm	51034	51035	51036
Ø1001-ø2000mm	51074	51075	51076
Ø2001-ø3000mm	51114	51115	51116

Designed by	Checked by	Approved by	Date		Date	
AndersPedersen					14-12-2025	

TELECOMSTEEL
DANISH DESIGN & QUALITY

Extra bracket steel hoops

51036

Revision	Sheet
F	1 / 1

CE