



Steel quality

Steel: s235/s355 + hot-dip galvanized acc. EN ISO 1461
 Bolts: 8.8 FZV
 Threaded rods: 8.8 FZV

Performance

Max vertical load per arm: 140kg
 Max horizontal load per arm incl safety factor: 3,0kN
 Max wind load area per arm incl form factor (C x A): 1,0m²
 Max installation height: 70meter
 Terrain classification: TC1
 Reference wind speed: 27m/s
 M10 nut tightening torque: 30Nm
 M10 2nd nut tightening torque: 47Nm

A number of units mounted on an aluminum rail with an internal spacing of less than 5cm can, in terms of horizontal wind load and geometric area, be regarded as a single unit.

Can be mounted upside down.

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
Ø40-Ø114,3mm	40120
Ø114,3-Ø193,7mm	40130



Designed by AndersPedersen	Checked by	Approved by	Date	Date 16-12-2025
			RO single	
			40120	Revision D