

225.04419-CPR-2024.02.18

Utført av JSK - Godkjent for produsent av Tomasz Taczyński og Dag Riise 18.02.2025

Produkt:	Antenne-kamera mast 150 x 150 4m
Produkt nummer:	22590013895
Påtenkt bruk:	Mast for kamera, antenne eller annet utstyr
Harmonised Standard:	EN 1090-1:2009+A1:2011
Produsent/ Plassert på markedet av:	Saferoad Traffic AS Paul A. Owrens veg 46, 2607 Vingrom, Norway
Produsert på fabrikk:	SAFEROAD Pomerania Sp. z o.o. Stanisława Dubois 23, 71-610 Szczecin, Poland
Utførelsesklasse:	EXC2
Teknisk spesifikasjon: Harmonisert standard NS-EN 1090-2: 2009+A1:2011	Toleranser: NS-EN 1090-2, klass 1
	Sveisbarhet: S355J2 i henhold til EN10025-2
	Slagseighet: S355J2: 27J ved temp. -20°
	Avgivelse av Kadmium: NPD
	Utstråling av radioaktivitet: NPD
	Bestandighet: HDG iht. to SS-EN ISO 1461, klass Fe/Zn 115µm
	Konstruksjonsegenskaper:
	Utmatningskapasitet: Ikke analysert
Brannmotstand: NPD	
Produksjonsgrunnlag:	Tegningsnr.: 10004417, Vekt: 64kg
Montering, beregning:	Masten monteres mot fundament med medfølgende M20 A4-80 bolter, hullmønster: 230mm x 230mm, se vedlagt Produktdatablad. Maksimal lokal referansevindhastighet: 29m/s. (TK = II) Maksimal høyde over havet: 500m hoh. => Maksimal vindlast i kast = 1,018 kN/m ² Ref. Vind iht. NS 3491-4 / NS-EN 1991-1-4: Følgende utstyr kan maksimalt monteres sentrisk/eksentrisk på masten Maksimalt ekv. areal av utstyr montert på toppen: 0,3 x 0,3 x 0,3m Maksimal vekt av utstyr montert på toppen: 10kg Kabler må monteres fritt, ikke i kabelgate. Alternativt kan masten beregnes med Mastkalkulator. Den beregnes da som NM89-7.5 men med maksimalt 51% utnyttelse av bøyemoment.
Drift / Vedlikehold:	Intet vedlikehold er påkrevd
Systemer for vurdering og kontroll, CE merking: :	masten er CE merket iht NS-EN 1090-1:2009+A1:2011, se vedlegg. Notified Body nr. 2627, TÜV Rheinland Polska. System for attestering av samsvar iht. CPR, Annex V: System 2+ (SA med beregningsgrunnlag kan leveres hvis ønskelig)
Varig merking:	Varig merking: 04419STÅASP#### ÅÅ = Produksjonsår, #### = SP internt order nr.

Nr. 22590013895

Antenne-kamera mast 150 x 150 4m

Rev. JSK 03.12.2024

Dette er en stiv og stabil antenne-kameramast.
Designet for å redusere bevegelser og vibrasjoner
i forhold til aluminium master. CE-merket iht. EN1090.
180x180x10mm topp-plate med spor for feste av utstyr.
Hjørnestag Ø20mm, diagonaler Ø10mm.

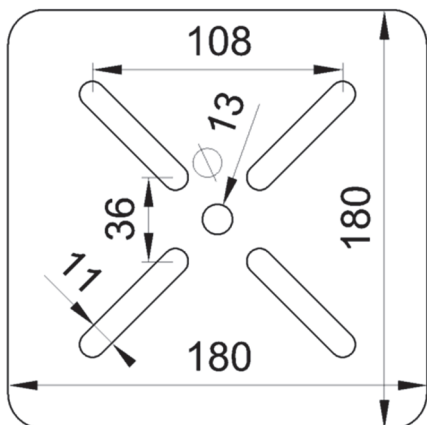
Fotplate 290x290x20mm, hullmønster: 230mm x 230mm, for M20

Material: Stål S355J2

Overflatebehandling: HDG iht. EN ISO 1461, klass Fe/Zn 115µm

Vekt: 64kg

**Topp plate, standard
for montering av utstyr:**



**Medfølgende
fundamentboltsett:**



22350000020 NM89 - NM190-45
Fundament boltsett M20
A4-80, Mutrer belagt med Gleitmo

Egnede klammer for montering av utstyr på siden av masten:



21190022730 Klammer VFZ for Ø20-45mm, m VD skinne

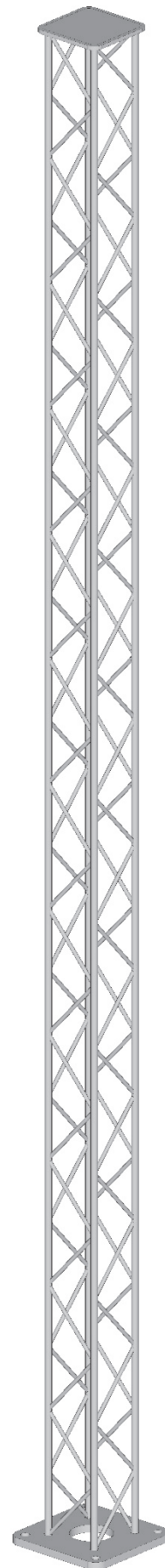


21190022740 Klammer VFZ for Ø20-45mm, m glideskinne

Egnet fundament:



22361010070 F-NM89-7.5L, Betongfundament, type1, Lav
Størrelse fundament (H x B x L): 0,7m x 0,75m x 0,75m





Ytelseserklæring:
saferoad.no/ye/225

CE
2627

Saferoad Traffic AS

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www.saferoad.no

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NS-EN 1090-1:2009+A1:2011

Antenne-kamera mast 150 x 150 4m

Tolerances: NS-EN1090-2 , class 1
Weldability: S355J2 according to EN10025-2
Fracture toughness: S355J2: 27J at temp. -20°
Cadmium extraction: NPD
Radioactivity: NPD
Durability: HDG acc. to SS-EN ISO 1461,
class Fe/Zn 115µm

Structural characteristics

Fatigue strength: Not analyzed
Resistance to fire: NPD
Execution class: EXC2

Manufacturing: Drawing no.:
10004417

Product number: 22590013895

Marking: 04419STÅÅSP####

CERTIFICATE

conformity of the Factory Production Control

2627-CPR-1090-1.PL0238.TÜVRh.22.01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulations - CPR)

This certificate applies to the following construction product:

Construction product	Structural components and kits for steel structures to EXC2 according to EN 1090-2:2018
Intended use	for load-bearing structures in all types of buildings
CE-marking method	ZA.3.2-ZA.3.5 according to EN 1090-1:2009+A1:2011
Manufacturer	Saferoad Traffic AS Paul A. Owrens veg 46 2607 Vingrom Norway
Manufacturing plant <small>Production facility of the manufacturer</small>	Saferoad Pomerania Sp. z o.o. Stanisława Dubois 23 str. 71-610 Szczecin, Poland
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard EN 1090-1:2009+A1:2011 under system 2+ are applied and that the factory production control is assessed to be in conformity with the applicable requirements.
Date of first issue	21.06.2018
Validity	This certificate will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.
Next Surveillance inspection	20.06.2025
Place and date of issue	Zabrze, 15.03.2024

Leszek Zadroga
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Notified Body

WELDING CERTIFICATE

8610-1090-2.PL0150.TÜVRh.22.01

in accordance with EN 1090-1:2009+A1:2011, table B.1 for execution of structural steel components EN 1090-2:2018

Manufacturer	Saferoad Traffic AS Paul A. Owrens veg 46 2607 Vingrom Norway
Manufacturing plant <small>Production facility of the manufacturer</small>	Saferoad Pomerania Sp. z o.o. Stanisława Dubois 23 str. 71-610 Szczecin, Poland
Technical specification	EN 1090-2:2018
Execution class(es)	EXC2 acc. to EN 1090-1:2009+A1:2011
Welding Process(es) <small>(Reference no acc. to EN ISO 4063)</small>	135 - Metal active gas welding, partly mechanized
Material group	1.1, 1.2, 1.3 according to CEN ISO/TR 15608
Responsible welding coordinator	PL-IWE-00757/2010
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Begin of validity	21.06.2018
Period of validity	20.06.2025
Place and date of issue	Zabrze, 15.03.2024

Leszek Zadroga

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Certification Body



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