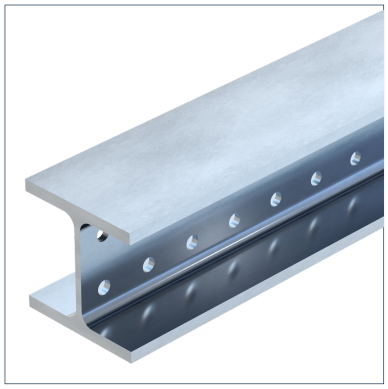
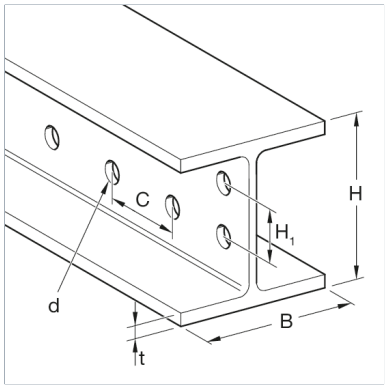
Beam Section TP 120 HCP





General Information

Multifunctional beam section to create complex substructures and 3D units for a wide range of applications. The beam section is suitable for a wide variety of applications with demanding load situations, e.g. with large spans or heavily loaded frame constructions.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Cross-section values 1

Type	Elastic modulus Wy	Elastic modulus Wz	Second moment of area Iy	Second moment of area Iz	Radius of gyration iy	Radius of gyration iz
TP 120 6M HCP	142,00 cm³	52,80 cm³	853,00 cm^4	317,00 cm^4	5,13 cm	3,13 cm

Cross-section values 2

Type	Torsional constant It	Cross-sectional area A
TP 120 6M HCP	13,66 cm^4	32,30 cm²

Note on loadings

Note: All values refer to slotted channels.

Additional information

Also available with DualShield for high corrosion protection within C5H environments.

Types

Type	Weight	Quantity	Part number
TP 120 6M HCP	27,48 kg/m	6 m	117355

Dimensions

Type	B	C	d	H	H1	t
TP 120 6M HCP	120 mm	50 mm	13,5 mm	120 mm	50 mm	11 mm

Certification

Documents

Static Guideline - siFramo & siMotec