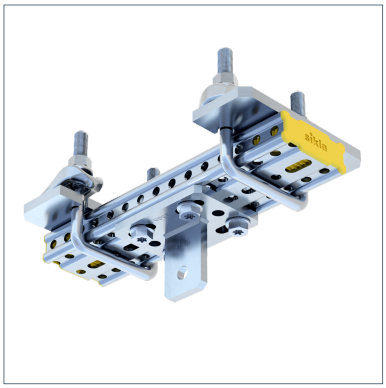
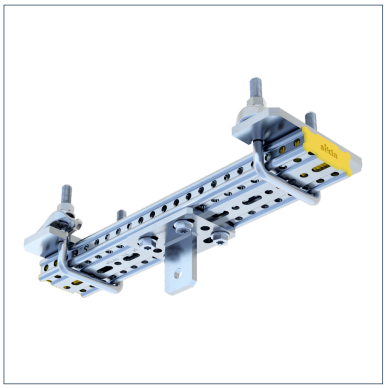
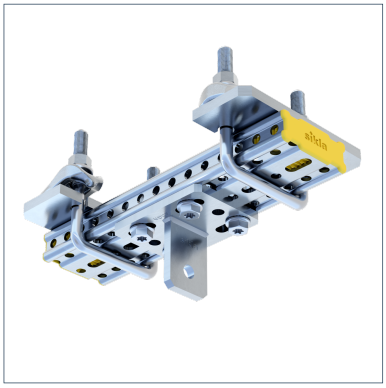
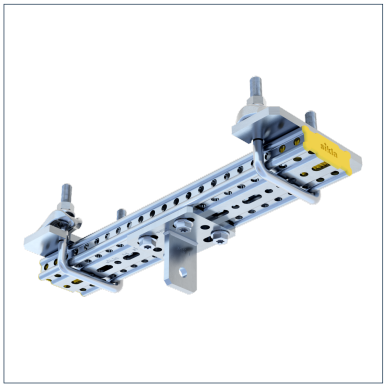
Beam Connection LKA-A/B HCP









General Information

Connecting assembly for the direct attachment of rod hanger assemblies to beam sections with a flange width 100-310mm. The pre-welded Eye-Plate which is fastened to the siFramo80/30 section serves as a basic element for the connection of the Rod Hanger Load Chain Assembly LKV in sizes M10 up to M16 rod and Pipe Clamps type Stabil Form C LK.

Installation

Connect the Beam Section siFramo 80/30 length with pre-welded siFramo Eye-Plate HP F 80 to the underside of the existing steel beam by means of the U-Holders SB F 80/30-40.
Tightening torque for the U-Holder clamps : 40 Nm
Type A: Pipe runs across the steel beam
Type B: Pipe runs longitudinally to the steel beam

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

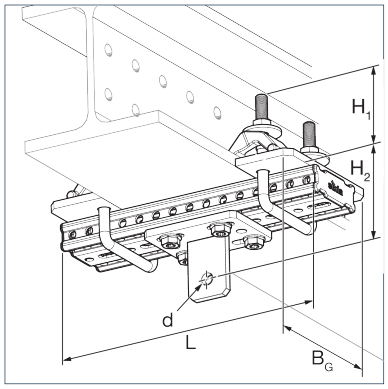
Forces

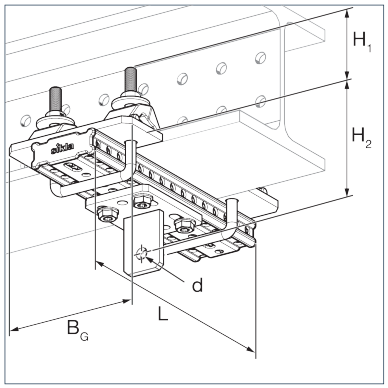
Type	V{Z,perm.}
LKA-A 100/160 M 10 HCP	10,80 kN
LKA-A 100/160 M 12 HCP	11,30 kN
LKA-A 100/160 M 16 HCP	11,90 kN
LKA-A 161/300 M 10 HCP	10,80 kN
LKA-A 161/300 M 12 HCP	11,30 kN
LKA-A 161/300 M 16 HCP	11,90 kN
LKA-B 100/160 M 10 HCP	10,80 kN
LKA-B 100/160 M 12 HCP	11,30 kN
LKA-B 100/160 M 16 HCP	11,90 kN
LKA-B 161/300 M 10 HCP	10,80 kN
LKA-B 161/300 M 12 HCP	11,30 kN
LKA-B 161/300 M 16 HCP	11,90 kN

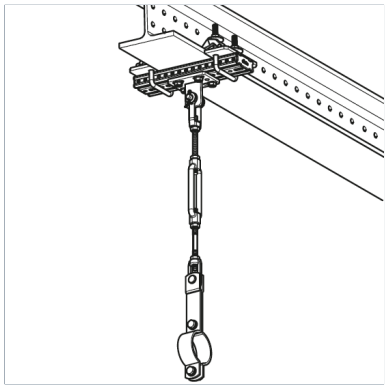
Note on loadings

The implementation and construction requirements of the components, their design as well as their verifications and load tests were carried out following the standards VGB R 510 L part I, KTA 3205.3 and DIN EN 13480-3.

Beam Connection LKA-A/B HCP







Types

Type	Weight	Quantity	Part number
LKA-A 100/160 M 10 HCP	5,000 kg/Set	2 Set	115833
LKA-A 100/160 M 12 HCP	5,000 kg/Set	2 Set	115834
LKA-A 100/160 M 16 HCP	5,000 kg/Set	2 Set	115835
LKA-A 161/300 M 10 HCP	5,600 kg/Set	2 Set	115836
LKA-A 161/300 M 12 HCP	5,600 kg/Set	2 Set	115837
LKA-A 161/300 M 16 HCP	5,600 kg/Set	2 Set	115838
LKA-B 100/160 M 10 HCP	5,000 kg/Set	2 Set	115826
LKA-B 100/160 M 12 HCP	5,000 kg/Set	2 Set	115827
LKA-B 100/160 M 16 HCP	5,000 kg/Set	2 Set	115828
LKA-B 161/300 M 10 HCP	5,600 kg/Set	2 Set	115829
LKA-B 161/300 M 12 HCP	5,600 kg/Set	2 Set	115831
LKA-B 161/300 M 16 HCP	5,600 kg/Set	2 Set	115832

Dimensions

Type	BG	d	H1	H2	L
LKA-A 100/160 M 10 HCP	155 mm	11 mm	84 mm	83 mm	300 mm
LKA-A 100/160 M 12 HCP	155 mm	13 mm	84 mm	83 mm	300 mm
LKA-A 100/160 M 16 HCP	155 mm	17 mm	84 mm	83 mm	300 mm
LKA-A 161/300 M 10 HCP	155 mm	11 mm	84 mm	83 mm	440 mm
LKA-A 161/300 M 12 HCP	155 mm	13 mm	84 mm	83 mm	440 mm
LKA-A 161/300 M 16 HCP	155 mm	17 mm	84 mm	83 mm	440 mm
LKA-B 100/160 M 10 HCP	155 mm	11 mm	84 mm	83 mm	300 mm
LKA-B 100/160 M 12 HCP	155 mm	13 mm	84 mm	83 mm	300 mm
LKA-B 100/160 M 16 HCP	155 mm	17 mm	84 mm	83 mm	300 mm
LKA-B 161/300 M 10 HCP	155 mm	11 mm	84 mm	83 mm	440 mm
LKA-B 161/300 M 12 HCP	155 mm	13 mm	84 mm	83 mm	440 mm
LKA-B 161/300 M 16 HCP	155 mm	17 mm	84 mm	83 mm	440 mm

Certification

Stahl