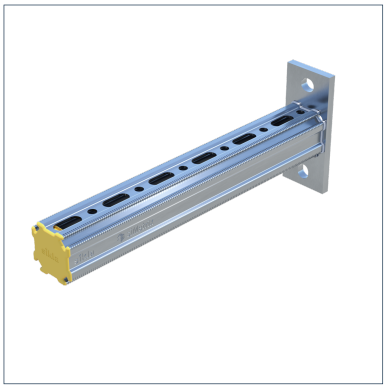
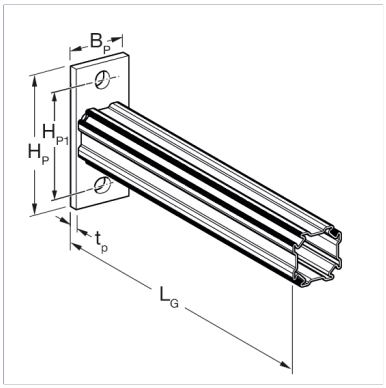
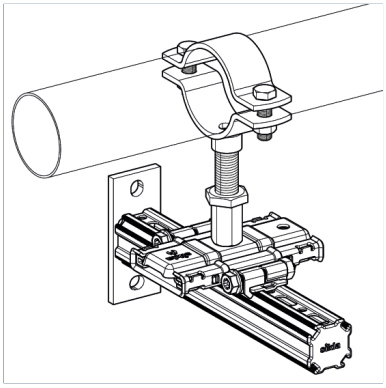
Cantilever Bracket AK 46-P HCP







General Information

Prefabricated single-arm cantilever installations to wall or other on-site structures.

Installation

Connection to the structure using Bolt Anchor AN BZ plus or heavy-duty anchors. Alternatively, fastening to steel beams using Joining Plate AP 46 80/120 (part no. 802158). When used in conjunction with sliding elements, a cross brace (in combination with Tie Rod STR and Blockset PBS 46 M10 x 50) is recommended to resist forces in the axial direction of the pipe. For cantilever lengths >= 500 mm, a vertical brace or support is recommended.
Configuration: Base plate welded to Profile PRO 46-P

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{X,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
AK 46-P - 200 HCP	25.41 kN	25.41 kN	12.41 kN	12.41 kN	11.36 kN	11.36 kN
AK 46-P - 400 HCP	25.41 kN	25.41 kN	12.41 kN	12.41 kN	11.36 kN	11.36 kN
AK 46-P - 600 HCP	25.41 kN	25.41 kN	12.41 kN	12.41 kN	11.36 kN	11.36 kN
AK 46-P - 800 HCP	25.41 kN	25.41 kN	12.41 kN	12.41 kN	11.36 kN	11.36 kN
AK 46-P -1000 HCP	25.41 kN	25.41 kN	12.41 kN	12.41 kN	11.36 kN	11.36 kN

Moments

Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
AK 46-P - 200 HCP	0.66 kNm	0.66 kNm	0.65 kNm	0.65 kNm
AK 46-P - 400 HCP	0.66 kNm	0.66 kNm	0.65 kNm	0.65 kNm
AK 46-P - 600 HCP	0.66 kNm	0.66 kNm	0.65 kNm	0.65 kNm
AK 46-P - 800 HCP	0.66 kNm	0.66 kNm	0.65 kNm	0.65 kNm
AK 46-P -1000 HCP	0.66 kNm	0.66 kNm	0.65 kNm	0.65 kNm

Types

Type	LG	Weight	Quantity	Part number
AK 46-P - 200 HCP	210 mm	0.900 kg/pcs.	10 pcs.	802209

Cantilever Bracket AK 46-P HCP

Type	LG	Weight	Quantity	Part number
AK 46-P - 400 HCP	412 mm	1.430 kg/pcs.	10 pcs.	802210
AK 46-P - 600 HCP	614 mm	1.980 kg/pcs.	1 pcs.	802211
AK 46-P - 800 HCP	816 mm	2.530 kg/pcs.	1 pcs.	802212
AK 46-P -1000 HCP	1018 mm	3.100 kg/pcs.	1 pcs.	802213

Dimensions

Type	BP	HP	HP1	LG	tP
AK 46-P - 200 HCP	50 mm	120 mm	90 mm	210 mm	8 mm
AK 46-P - 400 HCP	50 mm	120 mm	90 mm	412 mm	8 mm
AK 46-P - 600 HCP	50 mm	120 mm	90 mm	614 mm	8 mm
AK 46-P - 800 HCP	50 mm	120 mm	90 mm	816 mm	8 mm
AK 46-P -1000 HCP	50 mm	120 mm	90 mm	1018 mm	8 mm

Certification

Documents

Static Guideline - siMetrix

DoP (EN) - AK 46-P