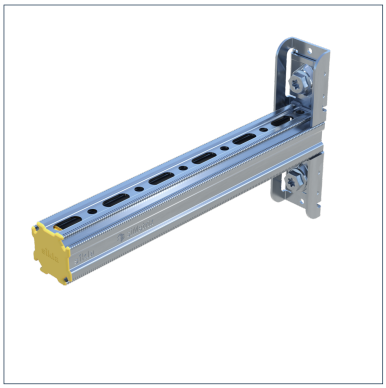
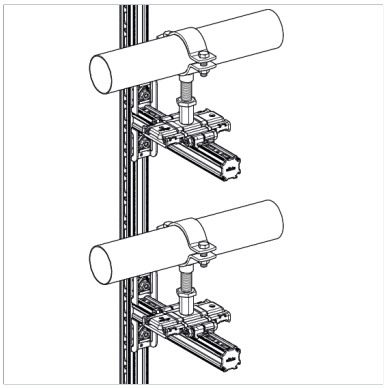
Cantilever Bracket AK CC 46-P HCP





General Information

Prefabricated single-arm cantilevers for the PRO 46 profile.

Installation

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 (e.g. with tie rod STR and blockset PBS 46 M10 x 50) is recommended.

Tightening torque: 20 Nm

Configuration: Base plate welded to Profile PRO 46-P

Required tool: T50 Bit or 17 mm (AF) Socket Bit

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 CC 46-P - 200 HCP	11,84 kN	11,84 kN	3,10 kN	3,10 kN	0,83 kN	0,83 kN
AK CC 46-P - 400 HCP	11,84 kN	11,84 kN	3,10 kN	3,10 kN	0,83 kN	0,83 kN
AK CC 46-P - 600 HCP	11,84 kN	11,84 kN	3,10 kN	3,10 kN	0,83 kN	0,83 kN
AK CC 46-P - 800 HCP	11,84 kN	11,84 kN	3,10 kN	3,10 kN	0,83 kN	0,83 kN
AK CC 46-P -1000 HCP	11,84 kN	11,84 kN	3,10 kN	3,10 kN	0,83 kN	0,83 kN

Moments

Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
AK CC 46-P - 200 HCP	0,43 kNm	0,43 kNm	0,15 kNm	0,15 kNm
AK CC 46-P - 400 HCP	0,43 kNm	0,43 kNm	0,15 kNm	0,15 kNm
AK CC 46-P - 600 HCP	0,43 kNm	0,43 kNm	0,15 kNm	0,15 kNm
AK CC 46-P - 800 HCP	0,43 kNm	0,43 kNm	0,15 kNm	0,15 kNm
AK CC 46-P -1000 HCP	0,43 kNm	0,43 kNm	0,15 kNm	0,15 kNm

Types

Type	LG	Weight	Quantity	Part number
AK CC 46-P - 200 HCP	205,5 mm	0,88 kg/pcs.	10 pcs.	802214

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Type	LG	Weight	Quantity	Part number
AK CC 46-P - 400 HCP	407,5 mm	1,42 kg/pcs.	10 pcs.	802215
AK CC 46-P - 600 HCP	609,5 mm	1,76 kg/pcs.	1 pcs.	802216
AK CC 46-P - 800 HCP	811,5 mm	2,51 kg/pcs.	1 pcs.	802217
AK CC 46-P -1000 HCP	1.013,5 mm	3,08 kg/pcs.	1 pcs.	802218

Dimensions

Type	BP	HP	LG
AK CC 46-P - 200 HCP	47 mm	170 mm	205,5 mm
AK CC 46-P - 400 HCP	47 mm	170 mm	407,5 mm
AK CC 46-P - 600 HCP	47 mm	170 mm	609,5 mm
AK CC 46-P - 800 HCP	47 mm	170 mm	811,5 mm
AK CC 46-P -1000 HCP	47 mm	170 mm	1.013,5 mm

Certification