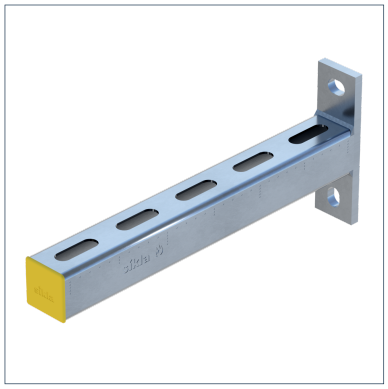
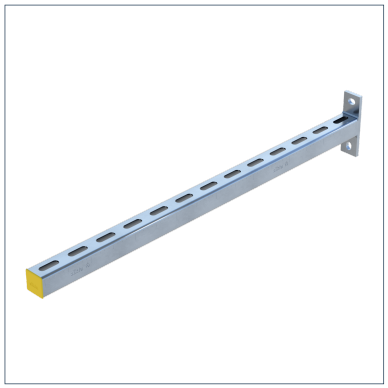
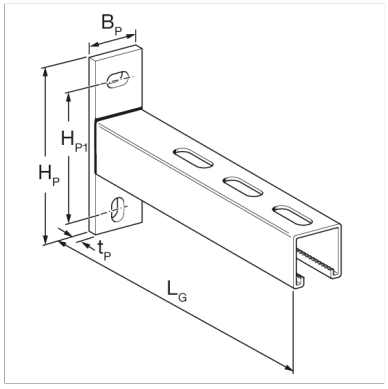
Cantilever Bracket AK 41 HCP









General Information

Recommended for single-armed wall suspension or fixing to other building structures. Also available as a double version.

Installation

When used in combination with sliding elements, a Tied Rod is absolutely essential for absorbing the forces running along the centre line of the pipe.
For cantilever lengths > 500 mm we recommend the integration of a prop-up.
M12 anchors are fitted into the slotted holes (HP1). Dimensions of the slotted hole: 13mm x 18mm

Mechanical Properties

Permissible stress σ{perm.}	160,00 N/mm²

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

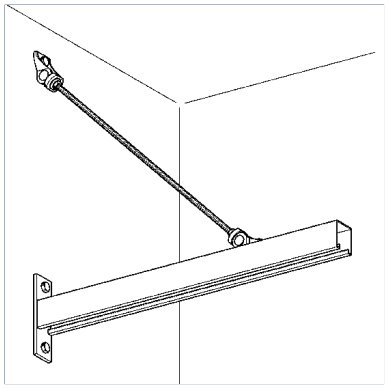
Forces

Type	-V{X,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
AK 41/41 - 320 HCP	17,38 kN	17,38 kN	14,41 kN	14,41 kN	24,36 kN	24,36 kN
AK 41/41 - 570 HCP	17,38 kN	17,38 kN	14,41 kN	14,41 kN	24,36 kN	24,36 kN
AK 41/41 - 820 HCP	17,38 kN	17,38 kN	14,41 kN	14,41 kN	24,36 kN	24,36 kN
AK 41/62 - 320 HCP	17,05 kN	17,05 kN	22,42 kN	22,42 kN	33,57 kN	33,57 kN
AK 41/62 - 570 HCP	17,05 kN	17,05 kN	22,42 kN	22,42 kN	33,57 kN	33,57 kN
AK 41/62 - 820 HCP	17,05 kN	17,05 kN	22,42 kN	22,42 kN	33,57 kN	33,57 kN

Moments

Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
AK 41/41 - 320 HCP	0,53 kNm	0,53 kNm	0,5 kNm	0,5 kNm
AK 41/41 - 570 HCP	0,53 kNm	0,53 kNm	0,5 kNm	0,5 kNm
AK 41/41 - 820 HCP	0,53 kNm	0,53 kNm	0,5 kNm	0,5 kNm
AK 41/62 - 320 HCP	1,47 kNm	1,47 kNm	0,72 kNm	0,72 kNm
AK 41/62 - 570 HCP	1,47 kNm	1,47 kNm	0,72 kNm	0,72 kNm

Cantilever Bracket AK 41 HCP



Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
AK 41/62 - 820 HCP	1,47 kNm	1,47 kNm	0,72 kNm	0,72 kNm

Types

Type	LG	Weight	Quantity	Part number
AK 41/41 - 320 HCP	320,5 mm	1 kg/pcs.	10 pcs.	181667
AK 41/41 - 570 HCP	570,5 mm	1,545 kg/pcs.	10 pcs.	181676
AK 41/41 - 820 HCP	820,5 mm	2 kg/pcs.	1 pcs.	161479
AK 41/62 - 320 HCP	320,5 mm	1,42 kg/pcs.	10 pcs.	180119
AK 41/62 - 570 HCP	570,5 mm	2,3 kg/pcs.	10 pcs.	180128
AK 41/62 - 820 HCP	820,5 mm	3,05 kg/pcs.	1 pcs.	180137

Dimensions

Type	BP	HP	HP1	LG	tP
AK 41/41 - 320 HCP	40 mm	134 mm	100 mm	320,5 mm	8 mm
AK 41/41 - 570 HCP	40 mm	134 mm	100 mm	570,5 mm	8 mm
AK 41/41 - 820 HCP	40 mm	134 mm	100 mm	820,5 mm	8 mm
AK 41/62 - 320 HCP	40 mm	134 mm	100 mm	320,5 mm	8 mm
AK 41/62 - 570 HCP	40 mm	134 mm	100 mm	570,5 mm	8 mm
AK 41/62 - 820 HCP	40 mm	134 mm	100 mm	820,5 mm	8 mm

Certification