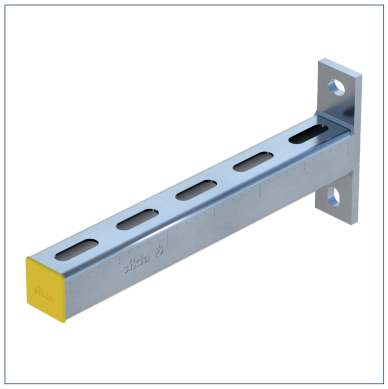
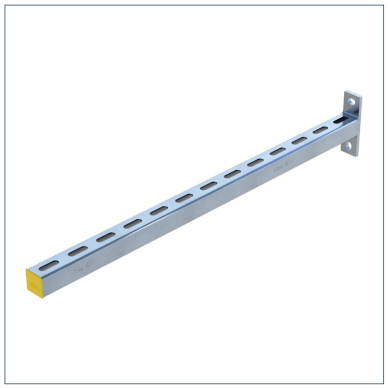
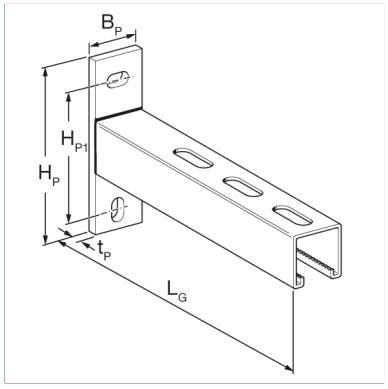
Cantilever Bracket AK 41









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 slide elements, a Tie 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

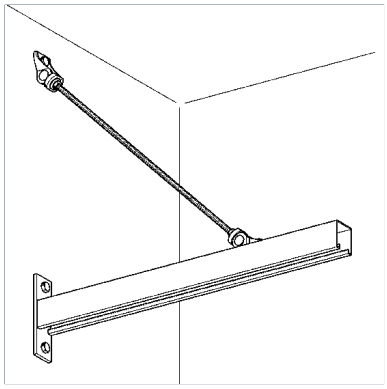
Material

Primary element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

Forces

Type	-V{X,perm.}	V{X,perm.}	-V{Y,perm.}	V{Y,perm.}	-V{Z,perm.}	V{Z,perm.}
AK 41/41 - 200	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/41 - 260	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/41 - 320	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/41 - 445	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/41 - 570	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/41 - 820	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/41 -1010	17.38 kN	17.38 kN	14.41 kN	14.41 kN	24.36 kN	24.36 kN
AK 41/62 - 320	17.05 kN	17.05 kN	22.42 kN	22.42 kN	33.57 kN	33.57 kN
AK 41/62 - 445	17.05 kN	17.05 kN	22.42 kN	22.42 kN	33.57 kN	33.57 kN
AK 41/62 - 570	17.05 kN	17.05 kN	22.42 kN	22.42 kN	33.57 kN	33.57 kN
AK 41/62 - 820	17.05 kN	17.05 kN	22.42 kN	22.42 kN	33.57 kN	33.57 kN
AK 41/62 -1010	17.05 kN	17.05 kN	22.42 kN	22.42 kN	33.57 kN	33.57 kN

Cantilever Bracket AK 41



Moments

Type	-M{Y,perm.}	M{Y,perm.}	-M{Z,perm.}	M{Z,perm.}
AK 41/41 - 200	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/41 - 260	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/41 - 320	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/41 - 445	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/41 - 570	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/41 - 820	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/41 -1010	0.53 kNm	0.53 kNm	0.5 kNm	0.5 kNm
AK 41/62 - 320	1.47 kNm	1.47 kNm	0.72 kNm	0.72 kNm
AK 41/62 - 445	1.47 kNm	1.47 kNm	0.72 kNm	0.72 kNm
AK 41/62 - 570	1.47 kNm	1.47 kNm	0.72 kNm	0.72 kNm
AK 41/62 - 820	1.47 kNm	1.47 kNm	0.72 kNm	0.72 kNm
AK 41/62 -1010	1.47 kNm	1.47 kNm	0.72 kNm	0.72 kNm

Types

Type	LG	Weight	Quantity	Part number
AK 41/41 - 200	195.5 mm	0.713 kg/pcs.	10 pcs.	115609
AK 41/41 - 260	258 mm	0.844 kg/pcs.	10 pcs.	153973
AK 41/41 - 320	320.5 mm	0.974 kg/pcs.	10 pcs.	115618
AK 41/41 - 445	445.5 mm	1.232 kg/pcs.	10 pcs.	115627
AK 41/41 - 570	570.5 mm	1.476 kg/pcs.	10 pcs.	115636
AK 41/41 - 820	820.5 mm	1.89 kg/pcs.	1 pcs.	149268
AK 41/41 -1010	1008 mm	2.249 kg/pcs.	1 pcs.	149277
AK 41/62 - 320	320.5 mm	1.42 kg/pcs.	10 pcs.	113296
AK 41/62 - 445	445.5 mm	1.76 kg/pcs.	10 pcs.	113297
AK 41/62 - 570	570.5 mm	2.3 kg/pcs.	10 pcs.	113298
AK 41/62 - 820	820.5 mm	3.05 kg/pcs.	1 pcs.	113299
AK 41/62 -1010	1008 mm	3.59 kg/pcs.	1 pcs.	113300

Dimensions

Type	BP	HP	HP1	LG	tP
AK 41/41 - 200	40 mm	134 mm	100 mm	195.5 mm	8 mm
AK 41/41 - 260	40 mm	134 mm	100 mm	258 mm	8 mm
AK 41/41 - 320	40 mm	134 mm	100 mm	320.5 mm	8 mm
AK 41/41 - 445	40 mm	134 mm	100 mm	445.5 mm	8 mm
AK 41/41 - 570	40 mm	134 mm	100 mm	570.5 mm	8 mm

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Type	BP	HP	HP1	LG	tP
AK 41/41 - 820	40 mm	134 mm	100 mm	820.5 mm	8 mm
AK 41/41 -1010	40 mm	134 mm	100 mm	1008 mm	8 mm
AK 41/62 - 320	40 mm	134 mm	100 mm	320.5 mm	8 mm
AK 41/62 - 445	40 mm	134 mm	100 mm	445.5 mm	8 mm
AK 41/62 - 570	40 mm	134 mm	100 mm	570.5 mm	8 mm
AK 41/62 - 820	40 mm	134 mm	100 mm	820.5 mm	8 mm
AK 41/62 -1010	40 mm	134 mm	100 mm	1008 mm	8 mm

Certification

Documents

Anchor Loads - Cantilever Bracket AK 41