MPC-Wall hanger brackets

galvanised

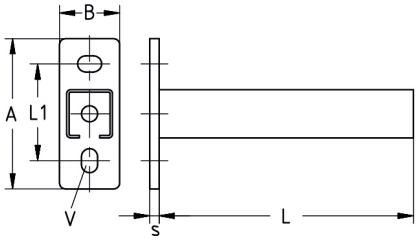
Application

- Ideal as cantilever support structure of multisection pipeways
- Applicable as cantilever bracket for air ducts and cable trays
- Applicable in combination with saddle support and channel support brackets as a cross-beam for pipe attachments in shafts and ducts
- Solid wall bracket for valves and equipment

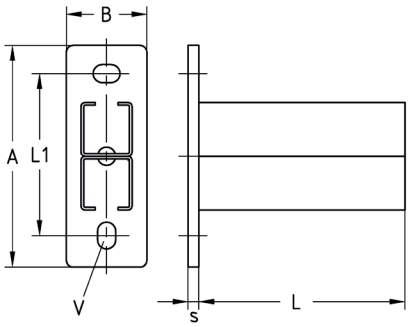
- The 38/80 profile is ideally suitable for double-sided installation of pipe sections due to double channel slots

Your advantages

- The strong base plate ensures a high load carrying capacity
- The vertical and horizontal holes in the base plate allow easy height adjustment of the bracket
- Variety of lengths covers all construction requirements
- Clean-cut appearance by the use of MPC-protection caps



Profiles 27/18, 28/30, 38/40 and 40/60



Profiles 38/80

Profile	Length L [mm]	Dimensions [mm] A	B	L1	s	V	Part no.	Sales unit	Pack unit
27/18/1.25	200	120	40	80	4	11 x 19	**156710**	25	Pieces
	300						**156711**		
	500						**156712**		
28/30/1.75	240				5		**156713**		
	400						**156714**		
38/40/2.0	160	125	50		8	13.5 x 20	**156715**	30	
	240						**156716**		
	320						**156717**	25	
	400						**156718**		
	480						**156719**	20	
	560						**156720**		
	640						**156721**	10	
	720						**156727**		
	800						**156728**	1	
	1,040						**156722**		
40/60/3.0	560	165	60	120			**156723**		
	640						**156724**		
	800						**156725**		
	1,040						**156726**		
38/80/2.0	400						**156729**		
	800						**156730**		

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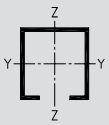
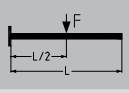
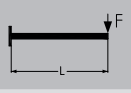
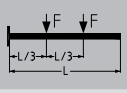
Technical data of brackets:

Features

fire protection certified from 38/40, up to 720 mm long

Profile	Base plates			MPC-Support channels	
	Dimensions H x W x D [mm]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm²]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm²]
27/18	120 x 40 x 4	S355MC	231	DC01	153
28/30	120 x 40 x 5			DD11	
38/40	125 x 50 x 8	S235	162		
40/60	165 x 60 x 8	S355MC	231		
38/80					

Load bearing capacities of brackets for bending around the y-axis:

Profile	Base plate $M_{max.}$ [Nmm]	Length L [mm]	Max. recommended load [N] 			
27/18	52,255	200	463	235	232	155
		300	311	156	156	104
		500	186	93	93	62
28/30	98,082	240	817	408	408	272
		400	490	245	245	163
38/40	260,845	160	3,260	1,630	1,630	1,086
		240	2,173	1,086	1,086	724
		320	1,630	815	815	543
		400	1,304	652	652	434
		480	1,086	543	543	362
		560	931	465	465	310
		640	815	407	407	271
		720	724	362	362	241
		800	652	279	326	217
		1,040	501	161	242	156
40/60	514,741	560	1,838	919	919	612
		640	1,608	804	804	536
		800	1,286	643	643	428
		1,040	989	494	494	329
38/80	676,681	400	3,383	1,691	1,691	1,127
		800	1,691	845	845	563

For use in areas with requirements on the duration of fire resistance, the boundary conditions set out in the fire test report must be observed.

The determined loads apply for static loads. Calculation based on Eurocode (EC3).

The safety coefficient γ = 1.54 takes into account the partial and combination coefficients as well as the safety factor of the material.

For the given values, the permissible steel stress and the maximum permissible deflection $L_{/150}$ are not exceeded, taking the deadweight into consideration.

The load-carrying values refer to the console support. Fastening elements such as plugs and screws, must bechoosen in accordance with the loads.

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