

## MPC-Wall hanger brackets

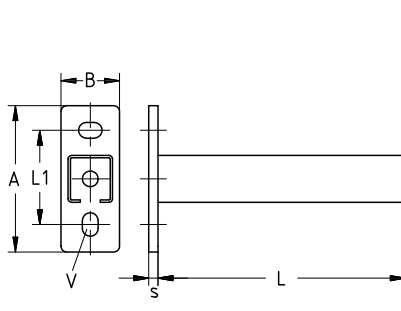
galvanised

### Field of application

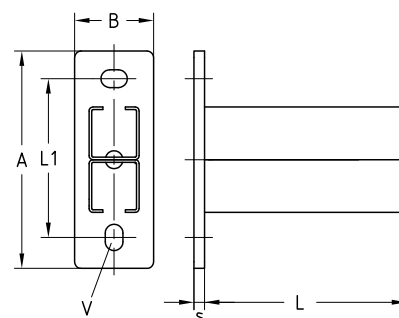
- Ideal as cantilever support structure of multisection pipeways
- Applicable as cantilever bracket for air ducts and cable trays
- Applicable in combination with saddle support and channel support brackets as a cross-beam for pipe attachments in shafts and ducts
- Solid wall bracket for valves and equipment
- The 38/80 profile is ideally suitable for double-sided installation of pipe sections due to double channel slots

### 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



Sections 27/18, 28/30, 38/40, 40/60



Sections 38/80

### Features




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



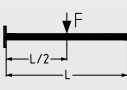
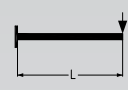
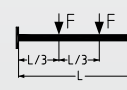
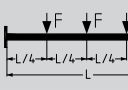
For use in areas with requirements on the duration of fire resistance, the boundary conditions set out in the fire test report must be observed.

### MPC-Wall hanger brackets galvanised

#### Technical data of brackets:

Profile	Dimensions H x W x D [mm]	Base plate Material	Admissible steel stress $\sigma_{adm.}$ [N/mm <sup>2</sup> ]	Support channel Material	Admissible steel stress $\sigma_{adm.}$ [N/mm <sup>2</sup> ]
					
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 H-Profile					

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

Profile	Base plate $M_{max.}$ [Nmm]	Length L [mm]				
Max. allowable 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 H-Profile	676,681	400	3,383	1,691	1,691	1,127
		800	1,691	845	845	563



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

The safety coefficient  $\gamma = 1.54$  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 be chosen in accordance with the loads.