

MPC-Wall hanger brackets

galvanised

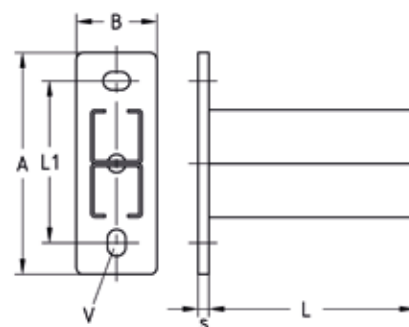
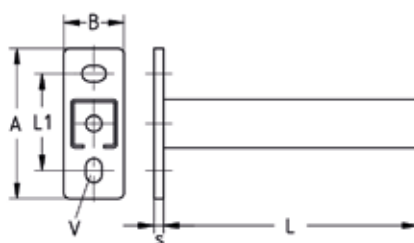
Application

- 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

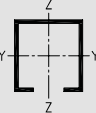
Profiles 38/80

Profile	Length L [mm]	Dimensions [mm]					Part no.	Sales unit	Pack unit			
		A	B	L1	s	V						
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	25									
	320	156717		20								
	400	156718	10									
	480	156719		1								
	560	156720										
	640	156721										
	720	156727										
	800	156728										
	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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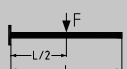

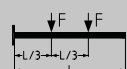

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Technical data of brackets:

Features					
Profile	Dimensions H x W x D [mm]	Base plates		MPC-Support channels	
		Material	Admissible steel stress σ_{adm} [N/mm ²]	Material	Admissible steel stress σ_{adm} [N/mm ²]
					
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 $\gamma = 1.54$ 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.