

MPC-Wall hanger brackets

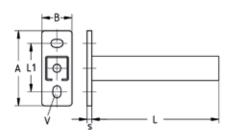
hot-dip galvanised

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
- Suitable for outdoor use



- 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





	Profile	Length L [mm]	Dimensions [mm]					Part no. Sales unit	Pack unit	
			Α	В	L1	S	V			
	27/18/1.25	300	120	40	80	4	11 x 19	156731	1	Pieces
	38/40/2.0	240	125	50		8	13.5 x 20	156732		
		320						156733		
		400						156734		
		480						156735		
		560						156736		
		640						156737		
		800						156738		
		1,040						156739		
	40/60/3.0	560	165	60	120			156740		
		800						156741		
		1,040						156742		





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Technical data of brackets:

Features										
Profile		Base plates	MPC-Support channels							
YY	Dimensions H x W x D [mm]	Material	Admissible steel stress	Material	Admissible steel stress Gadm. [N/mm²]					
27/18	120 x 40 x 4	S355MC	231	DC01	153					
38/40	125 x 50 x 8	S235	162	DD11						
40/60	165 x 60 x 8	S355MC	231							

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

Profile	Base plate M _{max.} [Nmm]	Length L [mm]	Max. recommended load [N]					
			F L/2	F	↓F ↓F +L/3→+L/3→	↓F ↓F ↓F -L/4L/4		
27/18	52,255	300	311	156	156	104		
38/40	260,845	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		
		800	652	279	326	217		
		1,040	501	161	242	156		
40/60	514,741	560	1,838	919	919	612		
		800	1,286	643	643	428		
		1,040	989	494	494	329		



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 be choosen in accordance with the loads.





For further technical information please refer to chapter "Technical information".