MPT-Consoles Q80

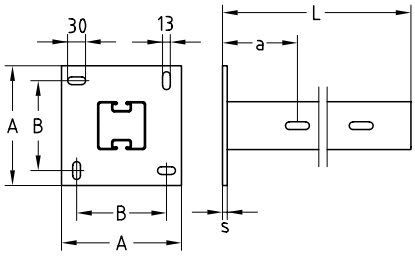
hot-dip galvanised

Field of application

- Consoles for accommodation of pipelines and aggregates in industrial construction, plant building construction and heavy-duty building technology for attachment on floor, wall and ceiling

Advantages

- Stable, perforated baseplate for direct or indirect connection to the structure
- High corrosion protection due to standardised hot-dip galvanising ensures flexible implementation outdoors and indoors
- Quick fastening of add-on parts via the dual-side fastening groove
- Can also be implemented universally as support from the floor or as a shaft from the ceiling
- Clean-cut appearance by the use of MPT-protection caps



Size	Length L [mm]	Thickness s [mm]	Part no.	Sales unit	Pack unit	Weight [kg/piece]	Dimensions [mm] A	B	a
Q80–2.0	500	10	**167930**	1	pieces	6.028	200	150	165
	750		**167931**			7.712			
	1,000		**167932**			9.380			

Technical data of brackets:

Profile	Base plate			Support channel	
	Dimensions H x W x D [mm]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm²]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm²]
Q80–2.0	200 x 200 x 10	S235	152	S235	152

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

Profile	Base plate $M_{max.}$ [Nmm]	Length L [mm]	F, L/2, L	F, L	F, F, L/3, L/3, L	F, F, F, L/4, L/4, L/4, L	Max. allowable load [N]		
Q80–2.0	1,751,380	500	7,005	3,502	3,502	2,335			
		750	4,670	2,335	2,335	1,556			
		1,000	3,502	1,751	1,751	1,167			

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.

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