

### MPT-Consoles Q80

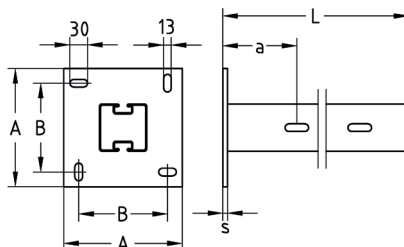
hot-dip galvanised

#### 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

#### Your 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



Profile	Length L [mm]	Thickness s [mm]	Dimensions [mm]			Weight [kg]	Part no.	Sales unit	Pack unit
Q80-2.0	500	10	a	A	B	6.028	167930	1	Pieces
	750		165	200	150	7.712	167931		
	1,000					9.38	167932		

#### Technical data of brackets:

##### Features

Profile	Base plates			MPT-Support channels	
	Dimensions H x W x D [mm]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm <sup>2</sup> ]	Material	Admissible steel stress $\sigma_{adm.}$ [N/mm <sup>2</sup> ]
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]	Max. recommended load [N]			
Q80-2.0	1,751,380	500				
		750	7,005	3,502	3,502	2,335
		1,000	4,670	2,335	2,335	1,556
			3,502	1,751	1,751	1,167

- 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.