Load distribution plate MT-B-LDP S

Applications

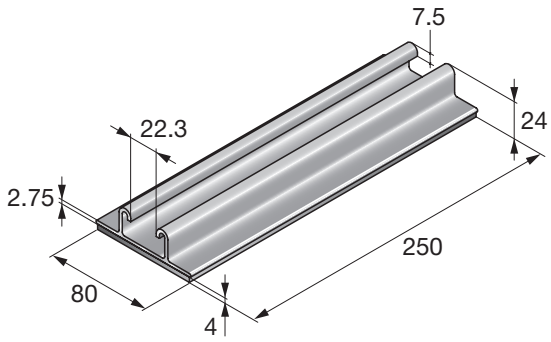
- Installing ventilation ducts, pipework and cable trays on flat roofs
- Suitable for use in outdoor environments

Advantages

- Part of the Hilti MT system – an economical, all-in-one solution for rooftop ventilation and other modular support systems
- Easy to install – compatible with the Hilti MT Twist-Lock, MQM and MRN Channel Nut, a faster alternative to spring nuts for assembling a modular support system
- Easier to handle and transport compared to pre-fabricated welded steel
- Includes a non-slip anti-vibration mat
- Suitable for outdoor applications, with features such as aluminum feet for better weather resistance

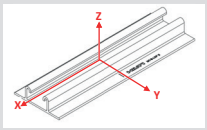
Technical data

Material composition	Aluminium, EPDM rubber



Order Designation	Material thickness	Weight		Available in	Packed to	Item number
MT-B-LDP S	2.75 mm	280 g		A, CH, D, NL, PL	2 pcs	**2320182**

Recommended Loads [5,6]

Load-value drawing	+Fx[1] [kN]	-Fx[1] [kN]	+Fy[2] [kN]	-Fy[2] [kN]	+Fz [kN]	-Fz[3] [kN]
	2,98	2,98	1,79	1,79	Not Decisive	7,23
	Mx[4] [kN cm]	**My[4] [kN cm]**	**Mz[4] [kN cm]**			
	Not Decisive	Not Decisive	Not Decisive			

Note: + = in direction of the arrow; - = against the direction of the arrow (please refer to drawing above)

1) Doesn't include any information about the roof assembly. Please refer to the HILTI Engineering Service to assess the load limit of load distribution plates in combination with your roof assembly.
2) Limited to the lateral load resistance of the wing nut. For validation, please contact your Hilti Engineering Service.
3) The load resistance of the substrate must be validated separately.
4) The chargeable torque is limited by the connection assembly and the load bearing substrate.
5) The connection to the load distribution plates accounts for Twistlock, MRN, MQZ-L but not the load limits of the substrate.
6) The surface area amounts to 200 cm2. For design loads please multiply by 1.4