



DAMPO

Dampo 1505 is a hysteretic type seismic energy dissipator developed and patented in Mexico. The device takes advantage of the hysteretic behavior of steel by means of plastic rotations and its innovative design allows for any combination of required strength and displacement. The dissipator includes an outer shell that protects the device and a connection preparation with a round HSS section. The profile designation will be as required for the connecting brace (not included).

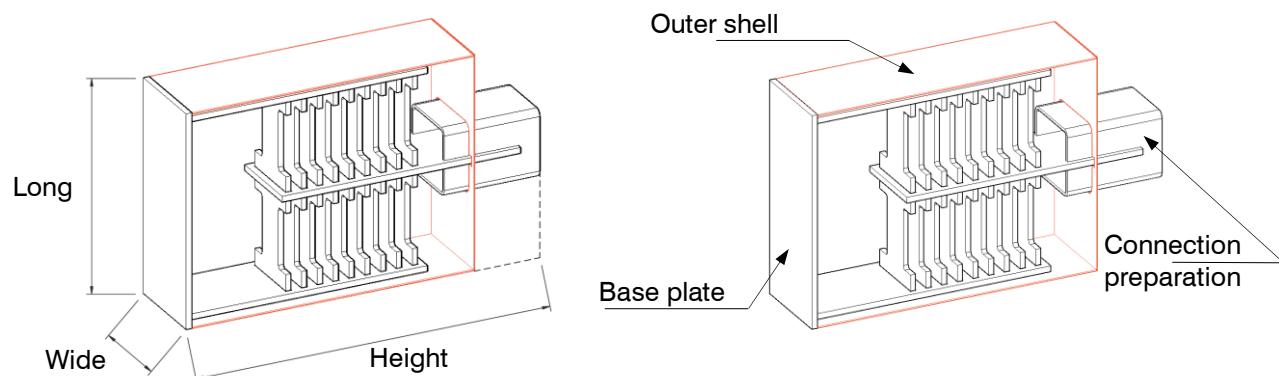


Figure 1. General features of DAMPO 1505 dissipator

Thanks to its design, the Dampo 1505 dissipator exhibits stable non-linear behavior in both tension and compression, as shown in Figure 2a. This performance makes it ideal for incorporation into earthquake-resistant structures. The devices are installed collinearly with the connecting brace as shown in Figure 2b.

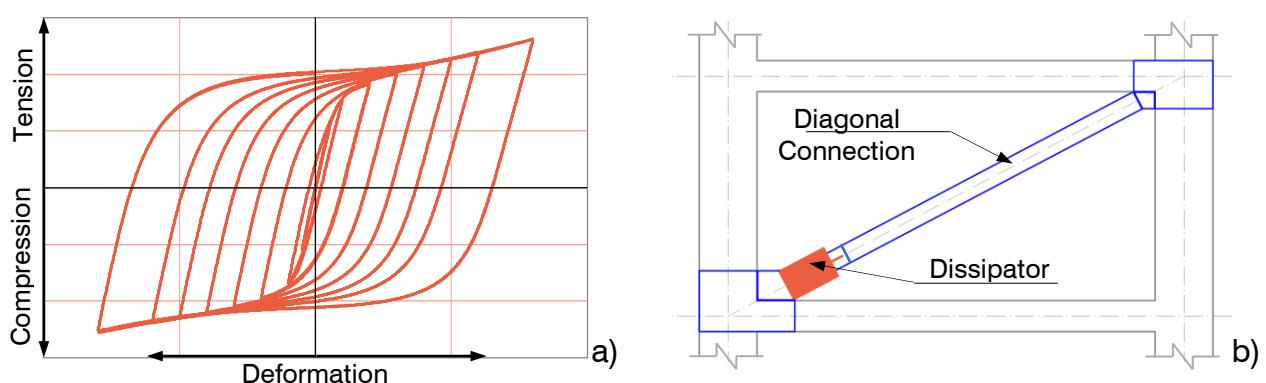


Figure 2. Hysteresis curve and placement sketch of DAMPO 1505 dissipator

Dampo Systems S.A de C.V

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HYSERETIC DISSIPATOR DAMPO 1505

