

DOOR CLOSER DORMA BTS 80 EMB



SPECIFICATIONS

Maximum leaf weight

300 kg

Dimensions in mm

(Length × Width × Height)

341 × 78 × 60

Floor cut-out dimensions in mm

(Length × Width × Height)

376 × 79 × 80

Closing force classification

(according to EN 1154)

4

Operating voltage (VDC)

24

DESCRIPTION

The DORMA BTS 80 EMB concealed floor spring provides an electromagnetic hydraulic hold open feature, allowing doors to self-close upon the interruption of an electrical current, yet remain functional in noncritical situations. This closer is specifically designed to be used in fire/life safety applications where the hold open is electrically controlled by a fire alarm contact. Its dual valve adjustment will provide controlled closing speed from approximately 180° opening range. DORMA BTS 80 EMB has mechanical backcheck at approximately 70° and will also provide adjustment within the cement case to allow lateral, longitudinal and vertical height adjustment.

FEATURES

- + Concealed housing
- + Suitable for double action doors
- + Controlled closing from 180°
- + Hold-open mechanism in any position between 65° and 175°
- + Door can be manually removed from hold open when current is applied to floor spring
- + When no current is applied, it acts as standard hydraulic floor spring
- + Loss of electrical current will close the door under full hydraulic control
- + Adjustable closing speed
 - Two adjustable closing ranges (180° – 0° and 7° – 0°)
- + Mechanical backcheck at approximately 70°
 - Protects the wall and door from damage caused by excessively vigorous opening
- + Secondary regulation system prevents damages caused by forced closing
- + Unit includes 3 m of power cable
- + Fixed spring strength

