



RTS 87  
RTS 80EMB  
RTS 80FLB

Transom Concealed  
Door Closers

# TRANSOM CONCEALED DOOR CLOSERS

**DORMA RTS 87, RTS 80EMB and RTS 80FLB Transom Closers offer the ideal solution for double action and single action doors where floorsprings cannot be considered. With concealed fittings these units also offer ideal solutions for situations where reduced ligature is a requirement.**

The RTS 87 Transom Closer is a power adjustable unit size EN2 to EN5 that allows fine on-site tuning of the closing force to ensure full and correct closure of the door whilst ensuring opening forces are kept to a minimum allowing compliance with Approved Document M and BS8300. With positive Centering through its Cam Mechanism fine adjustment of the neutral position can also be made with the drive arm fitted within the door leaf ensuring correct door alignment and performance.

The RTS 87H EN1-4 is dimensionally the same with speed control valves operating between 175 degrees to 70 degrees and 70 degrees to 0 degrees. The 175 -70 degree adjustment allows the unit to be adjusted over the initial closing when the door is opened beyond 70 degrees, this feature suits high traffic areas where the doors cannot be held open and need to remain closed when not in use. A reduced closing speed from the initial opening angle down to 70 degrees allows time for traffic to pass through the door before the door reaches 70 degrees where the second adjustable valve controls the closing speed.

The RTS 87 is CE Marked to BS EN1154 and Certifire Approved for use on 1 hour fire doors. Please check Certifire Certificate for suitable Door Thickness.

Technical Data		RTS 87	RTS 87H
EN Power Size		EN 2-5	EN 1-4
Maximum Door width		≤ 1250 mm	≤ 1100 mm
Adjustable Power Size		●	●
Independent Valve Adjustable Closing Speed 175° - 15°		●	
Independent Valve Adjustable Latch Speed 15° - 0°		●	
Independent Valve Adjustable Closing Speed 175° - 70°			●
Independent Valve Adjustable Latch Speed 70° - 0°			●
Mechanical Backcheck		●	●
Double Action and Single Action Doors		●	●
Universal Non Handed Unit		●	●
Minimum door width where unit will exert 30N opening force when adjusted to EN3 (min. for fire doors)		800 mm	800 mm
Fixing plate dimensions (& body) in mm	Length	321 (300)	321 (300)
	Width	108 (72)	108 (72)
	Height	55	55
Weight in kg		5.2	5.2
Door Closer tested to BS EN1154		●	●
CE Marked		●	●
Certifire Approved		●	●



Certifire Approved CF127 for timber fire doors for 1 Hour.

RTS 87 Opening Forces adjusted to EN3 (minimum for fire door)

Typical Door Sizes (mm)				
826	850	875	900	926



Minimum achievable door width at EN3 = 800 mm

