

BTS 80 V and BTS 80 VF with adjustable spring strength EN 3-6



Product benefits

- Wide range of applications (Suitable for every door material, all door constructions, interior and exterior)
- Solution for easy opening
- Various functions and product options
- Suitable for one- and two-leaf single-action and double-action doors
- Practically maintenance-free due to proven and robust construction
- Optional for fire and smoke check doors

Highlights

- Maximum flexibility due to adjustable spring strength EN 3-6
- High load capacity up to 300 kg and max. 1,400 mm door width
- Easy installation due to integrated bubble level
- Reliable closing function thanks to integral temperature compensator
- Optional door coordination possible with BSR system^{*1}

BTS 80 V and BTS 80 VF complement our BTS 80 Series^{*1} and fulfil visually unobtrusive, practical comfort and safety requirements. They are also suitable for door weights up to 300 kg. Whether large fully glazed doors in shopping malls and hotels, heavy entrance doors made of aluminium with glass or reliable fire doors in industrial facilities – the floor springs of the BTS 80 series meet every requirement providing security and safety.

With adjustable delayed closing and hold open function: BTS 80 V

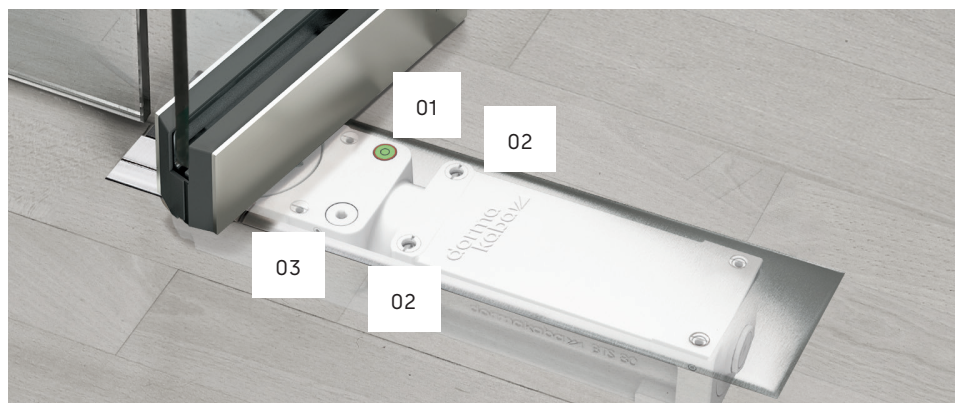
With only one door closer, the BTS 80 V enables universal use for single and double action doors. With its many adjustments, it covers almost all use cases. This suits the planner, the retail market and the fabricator: Easy to plan, less to stock and quick to install with the integrated bubble level.

With certification for fire and smoke check doors: BTS 80 VF

Like the BTS 80 V – the BTS 80 VF offers an adjustable closing force (EN 3-6) as well as an integrated bubble level for faster installation. Due to its continuously variable adjustment of the latch control, it allows for an even more precise closing of the door. Proper closing means safety in case of fire and smoke.

^{*1} For more information on door coordinator with BSR and the BTS 80 series, see the technical brochure "BTS 80 System Floor Spring"

BTS 80 Series – The range at a glance



BTS 80 V and BTS 80 VF: Quick and easy to install

- 01 Bubble level for exact alignment of the closer body
- 02 Adjustment valves
- 03 Adjustable spring strength (EN 3 - 6)

Design variants	BTS 80 V	BTS 80 VF	BTS 80 EMB	BTS 80 FLB
DIN-L / DIN-R (opening angle max. 180°)	● ¹⁾	●	●	●
Double action doors (opening angle max. 175°)	● ¹⁾	● ¹⁾	● ¹⁾	–
Max. door leaf weight ²⁾	300 kg	300 kg	300 kg	300 kg
Closing force	EN 3 - 6	EN 3 - 6	EN 4, EN 5, EN 6	EN 4, EN 5, EN 6
Data and features				
Fire and smoke doors	–	●	●	●
Closing force (adjustable spring strength)	●	●	–	–
Closing speed (adjustable by valve)	●	●	●	●
Delayed closing (adjustable by valve)	●	–	–	–
Latching action (adjustable by valve)	–	●	●	–
Mechanical Backcheck	●	●	●	–
Hold open (adjustable by valve)	●	–	–	–
Electro-hydraulic hold-open, Continuous hold-open point, 75–170° ³⁾	–	–	●	–
Free swing 0–180°	–	–	–	●
Certifications				
Door closers tested in accordance with EN 1154	●	●	●	●
Hold-open system tested in accordance with EN 1155	–	–	●	●
CE-Identification for construction products	–	●	●	●
Technical Data				
Dimensions including cement box L/B/H	341 / 78 / 60 mm			
Weight	7,5 kg	7,5 kg	7,7 kg	7,7 kg
Power consumption	–	–	2,3 W	2,3 W
Operating voltage (± 15 %)	–	–	24 V DC	24 V DC
Rating for continuous duty	–	–	100 %	100 %

●/● yes –/– no

¹⁾ Not approved for fire and smoke check doors in Germany, max. opening angle 175°

²⁾ Take into account the load-bearing capacity of the accessories and the door situation.

³⁾ Door opening angle 180° possible, for hold open angle 180° use permanent magnets.

Any questions? We would be happy to advise you.

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