# DORMAKABA BTS80 EMB Floor Spring 24V DC

Floor · dormakaba · 1 variant

PRICING

**From £1100.63 ex VAT**

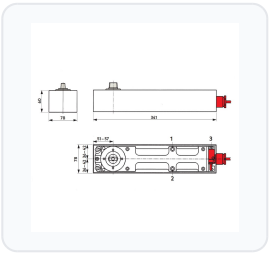
£1320.76 inc VAT

1 variant available
VAT 20.00%

## Product Imagery











## Specification Summary

| | |
|---|---|
| **Brand** | dormakaba |
| **Product type** | Floor |

### Product Description

The dormakaba BTS80 EMB is a heavy-duty, floor-concealed door closer designed for applications where surface-mounted life safety products cannot be installed. Featuring a 24V DC electro-magnetic hold-open function, this floor spring is particularly well-suited for fire and smoke check doors, allowing them to remain open during normal use and close automatically in the event of an emergency or power failure.

This versatile floor spring is suitable for both single and double-action doors weighing up to 300kg. It provides exceptional control with fully adjustable closing and latching speeds, alongside a mechanical backcheck to prevent damage from violent opening.

Please note that the cover plate is sold separately.

## Technical Specifications

- **Brand:** dormakaba
- **Manufacturer Reference:** 82224001
- **Barcode:** 4021226216491
- **Power Supply:** 24V DC
- **Strength Size:** EN 4 to 6
- **Max Door Weight:** 300kg
- **Length:** 34.1cm
- **Depth:** 78mm
- **Weight:** 6.68kg
- **Standards:** BS EN 1154, BS EN 1155:1997
- **Certifire Certificate:** CF127

## Key Features

- **Electro-Magnetic Hold-Open:** 24V DC electro-magnetic hold-open function, ideal for fire and smoke check doors.
- **Fully Controlled Closing:** Features adjustable closing speed and latching action.
- **Mechanical Backcheck:** Built-in backcheck protects the door and wall from damage during forceful opening.
- **Versatile Application:** Suitable for both single and double-action doors.
- **Certifire Approved:** Certified for use on fire doors (Cert. No. CF127).
- **Concealed Installation:** Floor-concealed design provides a clean, minimalist aesthetic.

## Variant Specifications And Pricing

| Image | Part Number | Ex VAT | Inc VAT | Attributes / Specs |
|---|---|---|---|---|
|  | L30599 | £1100.63 | £1320.76 | **Barcode:** 4021226216491<br>**Brand:** dormakaba<br>**Depth:** 78mm<br>**Length:** 34.1cm<br>**Manufacturer Reference:** 82224001<br>**Max Door Weight:** 300Kg<br>**Pack Quantity:** 1<br>**Standards:** BS EN 1155:1997, BS EN 1154, BS EN 1155<br>**Strength Size:** 4 To 6<br>**Suits Product:** Dormakaba BTS<br>**Weight:** 6.68Kg |

## Brand Profile

dormakaba




**dormakaba** is a Swiss-headquartered global access-solutions company that builds the stuff that makes buildings actually *work*: **door hardware**, **door closers**, **automatic entrances**, **electronic access control**, and **keying/locking systems** across commercial, residential, and institutional sites. The group is based in **Rümlang (Zurich), Switzerland** and sells into **50+ countries** with a large installed base in doors, hotels, airports, offices, and public buildings.

The modern company was created through the **merger of Germany's dorma and Switzerland's Kaba**, finalized in **September 2015** (initially branded "dorma+kaba," later standardized as **dormakaba**). That merger fused two long-running lineages: **DORMA (founded 1908 in Ennepetal, Germany)** with deep door-technology roots, and **Kaba** with a long history in locking/identification (origins going back to the 19th century in Zurich).

What dormakaba is known for in the trade/spec world is the "whole doorway" approach:

- **Door hardware + control** (closers, floor springs, related hardware)
- **Entrance systems** (automatic doors, turnstiles/personnel gates depending on market)
- **Access control & identity** (credentials, electronic locking, and management layers)

Scale-wise, dormakaba reported **net sales of CHF 2.87bn** for **FY 2024/25** and **~15k employees** (15,346 cited), reflecting a genuinely large global footprint.