SWS HARDWARE

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Door Closer DABC inc Semi-Radius Cover, Flatbar Armset - Satin Brass

Variant code: FL4251.SB

Door Closer DABC with Semi-Radius Cover and Flatbar Armset is a **heavy-duty, slimline overhead door closer** designed for high-traffic commercial and public buildings. Available in a range of **architectural finishes**, this rack and pinion door closer combines smooth, reliable operation with exceptional durability, making it ideal for **schools, hospitals, hotels, offices and public buildings** where controlled door closing and long service life are essential.

Featuring **adjustable EN Power Sizes 2-5**, the closer can be spring adjusted to suit doors up to **1250mm wide** and **110kg**, providing excellent versatility across a wide range of timber and metal doors. Independent adjustments for **closing speed, latch action, delayed action and backcheck** allow the closer to be precisely tuned to suit the application, improving safety, accessibility and user comfort.

Suitable for both **left and right-handed doors**, the closer opens to **180°** (subject to installation conditions) and has been successfully tested to **BS EN1154**, **CE Marked**, **Fire Rated to BS EN1634-1**, and **ANSI tested to one million cycles**, ensuring dependable performance in demanding environments. Its robust construction provides reliable operation while helping buildings comply with accessibility requirements.

Please note that product images are for illustration purposes only. All products are manufactured by **Rutland**; however, supplied items may be branded **Rutland**, **Döre**, or supplied **unbranded** depending on production batches.

Product Features

- **Heavy-duty rack and pinion overhead door closer**
- **Semi-radius cover included**
- **Flatbar armset included**
- **Available in multiple finishes**
- Adjustable **EN Power Size 2-5**
- Power adjustment by spring
- Adjustable closing speed

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- Adjustable latch action
- Adjustable delayed action
- Adjustable backcheck
- Universal application for left and right-handed doors
- Maximum opening angle of **180°** (application dependent)
- Suitable for doors up to **1250mm wide**
- Suitable for doors up to **110kg**
- Fire Rated to **BS EN1634-1**
- Successfully tested to **BS EN1154**
- **CE Marked**
- **ANSI tested to 1 million operating cycles**
- Suitable for timber and metal doors

Product Benefits

- **Power adjustable to suit a wide range of door sizes and weights**
- **Provides smooth, controlled and reliable door closing**
- **Adjustable functions allow precise on-site performance tuning**
- Heavy-duty construction for high-traffic environments
- Helps improve safety and accessibility
- Suitable for fire-rated door assemblies
- Long-lasting performance proven through one million cycle testing
- Choice of architectural finishes to complement modern door hardware

Technical Characteristics

- **Product Type:** Overhead Door Closer
- **Mechanism:** Rack and Pinion
- **Cover Type:** Semi-Radius Cover
- **Arm Type:** Flatbar Armset
- **Available Finishes:**
  - Silver
  - Satin Stainless Steel
  - Satin Nickel
  - Satin Brass
  - RAL9011 Black
  - PVD Brass
  - Polished Nickel
  - Matt Bronze
  - Antique Brass
- **Power Size:** Adjustable EN 2-5
  - EN2: Up to 850mm / 45kg
  - EN3: Up to 950mm / 60kg
  - EN4: Up to 1100mm / 80kg
  - EN5: Up to 1250mm / 110kg
- **Maximum Door Width:** 1250mm

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- **Maximum Door Weight:** 110kg
- **Opening Angle:** Up to 180°
- **Door Handing:** Universal (LH & RH)
- **Adjustments:** Closing Speed, Latch Action, Delayed Action, Backcheck
- **Fire Rating:** BS EN1634-1
- **Certification:** BS EN1154, CE Marked
- **Durability:** ANSI Tested to **1,000,000** Cycles
- **Accessibility:** Suitable for DDA applications (subject to installation)

Applications

Door Closer DABC with Semi-Radius Cover and Flatbar Armset is ideal for **schools, hospitals, healthcare facilities, care homes, hotels, offices, apartment buildings, universities, retail premises and other commercial or public buildings** where **fire safety, accessibility and reliable door control** are essential. Suitable for **timber and metal fire or smoke doors**, it delivers smooth, controlled closing, dependable latching and long-term durability while offering a choice of finishes to complement a wide range of architectural door hardware and interior designs.

Property	Value
Finish	Satin Brass
Opening angle (°)	Up to 180°
Warranty (Years)	35
Max Door Width (mm)	1250
Max Door Weight (kg)	110
Power Size	EN 2-5 Adjustable
Certification	Certifire, BS EN 1154, BS EN 1634, BS EN 1670 – Grade 5, UKCA, CE
Product Type	Overhead Door Closer