SWS HARDWARE

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Concealed Overhead Door Closer inc Single Action Arm Size 2-4 - Polished Nickel

Variant code: 2840.01.PNP

Concealed Overhead Door Closer with Single Action Arm is a **high-performance cam action door closer** designed to provide smooth, controlled door closing while remaining completely hidden when the door is closed. Available in a choice of architectural finishes, this **EN Size 2-4 power-adjustable** closer combines accessibility, fire safety and discreet aesthetics, making it ideal for premium commercial, healthcare, education and public buildings.

Featuring an advanced **cam and roller mechanism**, the closer significantly reduces opening forces to help doors comply with **Approved Document M** and **BS 8300** accessibility recommendations. Its ultra-slim **32mm-wide mechanism**, including the intumescent kit, allows installation into **44mm FD30 timber doors** without visible shadowing ("ghosting"), preserving the appearance and structural integrity of the door.

Designed for maximum versatility, the closer is **un-handed**, adjustable from **EN Power Size 2-4**, and suitable for a wide range of **timber and metal doors** weighing up to **80kg** and **1100mm wide**. Successfully tested to **BS EN1154**, **CE Marked**, **Certifire Approved**, and fire tested to **EN1634-1**, it is suitable for both **fire and smoke doors**. Unlike many concealed slide arm closers, it achieves smoke certification without additional smoke fins, allowing the exposed connector bar to coordinate perfectly with surrounding door furniture.

The engineered **power latch closing** mechanism ensures positive, reliable latching, even where air movement from draughts or air conditioning may affect conventional cam action closers. Backed by a **35-year guarantee**, this concealed closer delivers dependable long-term performance for demanding commercial installations.

Product Features

- **Fully concealed overhead cam action door closer**
- **Single action arm included**

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- Available in a range of architectural finishes
- **EN Size 2-4 power adjustable**
- Advanced cam and roller mechanism for reduced opening force
- Ultra-slim **32mm mechanism** with intumescent kit
- Suitable for **44mm FD30 timber doors** without visible shadowing
- Un-handed design
- Suitable for timber and metal doors
- Suitable for doors up to **80kg** and **1100mm wide**
- Can be installed as latched or unlatched
- Suitable for **fire and smoke doors**
- Positive power latch closing
- Fire tested to **EN1634-1**
- Successfully tested to **BS EN1154**
- **CE Marked** and **Certifire Approved**
- Assists compliance with **Approved Document M** and **BS 8300**
- **35-year manufacturer's guarantee**

Product Benefits

- **Completely concealed for a clean architectural appearance**
- **Supports Approved Document M and BS 8300 accessibility requirements**
- **Provides smooth opening with secure, positive closing**
- Preserves door strength by requiring a narrower mortice
- Eliminates visible "ghosting" on 44mm timber fire doors
- Reliable smoke and fire performance without additional smoke fins
- Coordinates with a variety of architectural ironmongery finishes
- Long service life backed by a 35-year guarantee

Technical Characteristics

- **Product Type:** Concealed Overhead Door Closer
- **Operation:** Cam Action with Roller Mechanism
- **Arm Type:** Single Action Arm
- **Power Size:** Adjustable EN 2-4
- **Maximum Door Width:** 1100mm
- **Maximum Door Weight:** 80kg
- **Door Material:** Timber and Metal
- **Door Thickness:** Suitable for 44mm FD30 Doors

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- **Mechanism Width:** 32mm (including intumescent kit)
- **Fire Rating:** EN1634-1
- **Certification:** BS EN1154, CE Marked, Certifire Approved
- **Accessibility:** Assists Approved Document M & BS8300 compliance
- **Available Finishes:**
    - Silver
    - Satin Nickel
    - PVD Brass
    - Polished Nickel
    - Black
    - Antique Brass
- **Installation:** Concealed
- **Guarantee:** 35 Years

Applications

Concealed Overhead Door Closer with Single Action Arm is ideal for **hospitals, care homes, schools, universities, offices, hotels, residential developments and other commercial or public buildings** where **accessibility, fire safety and architectural aesthetics** are paramount. Suitable for **timber and metal fire or smoke doors**, it provides smooth, controlled closing, dependable latching and discreet concealed installation while offering a choice of finishes to complement modern architectural door hardware.

Property	Value
Finish	Polished Nickel
Warranty (Years)	35
Max Door Thickness (mm)	44
Material	Timber and Metal
Fire Rating	EN1634-1
Max Door Width (mm)	1100 mm
Max Door Weight (kg)	80 kg
Power Size	Adjustable EN 2–4
Certification	BS EN1154, CE Marked, Certifire Approved
Product Type	Concealed Overhead Door Closer