

BO800RN

Architectural Handle

A CDV Group Product

Range : DIAX®

A self-contained locking innovation

The **BO800RN** is a new profiled architectural handle, which ensures high security electro-magnetic locking without any reduction in door width or height. The new design allows for fast installation and is ideal for retrofit to existing doors.

Technology, ergonomics and performance ensure the BO800RN offers a major advantage over traditional electromagnetic locking. The patented profile fits in with the make up of the door, and tolerances within the product allow for door imperfections to be catered for. The BO800RN offers an increased holding force, as 400Kg electromagnetic locks are used - 800 kg (where 2 magnets are included) and 1200 kg (where 3 magnets are included) increase the security and strength of the locking.



BO800RN
PATENTED BREVETÉ

Technical Specification

- **Holding Force:**
 - each magnet = 400 kg (P400RN)
 - 2.5 & 3m versions 800 kg (BO800RN) or 1200 kg (BO1200RN)
 - 400mm version 400 kg (PBO400RN) or 600mm version 800 kg (PBO800RN)
- **Voltage:** 12 VDC / 24 VDC
- **Current draw per magnet:** 560 mA (at 12 VDC), 270 mA (at 24 VDC)
- **Temperature range:** -20°C to +70°C
- Satin Anodised Aluminium standard, option of RAL (colour specified)
- **Each handle comprises 2 elements:** 1 handle for armatures and 1 section for locks
- Wider fixing section (60mm), with profiled cover plate to match handle
- **Completely hidden fixings/connections providing high resistance to vandalism (HRV)**
- **Aluminium end caps for handle and section.**

Product Details

- **Mode of fixing for fast and effective result:**
 - magnets and armatures pre-assembled
 - final fix covers snap-on for simplicity
- **Patented fixing of main assembly and covers**
- **Greater tolerances to cater for imperfections of the door**
- **Cabling facilitated within housing for ease of connection**
- **Reinforced fixing capability within housings**
- **Design and available finishes will harmonise with all surroundings**

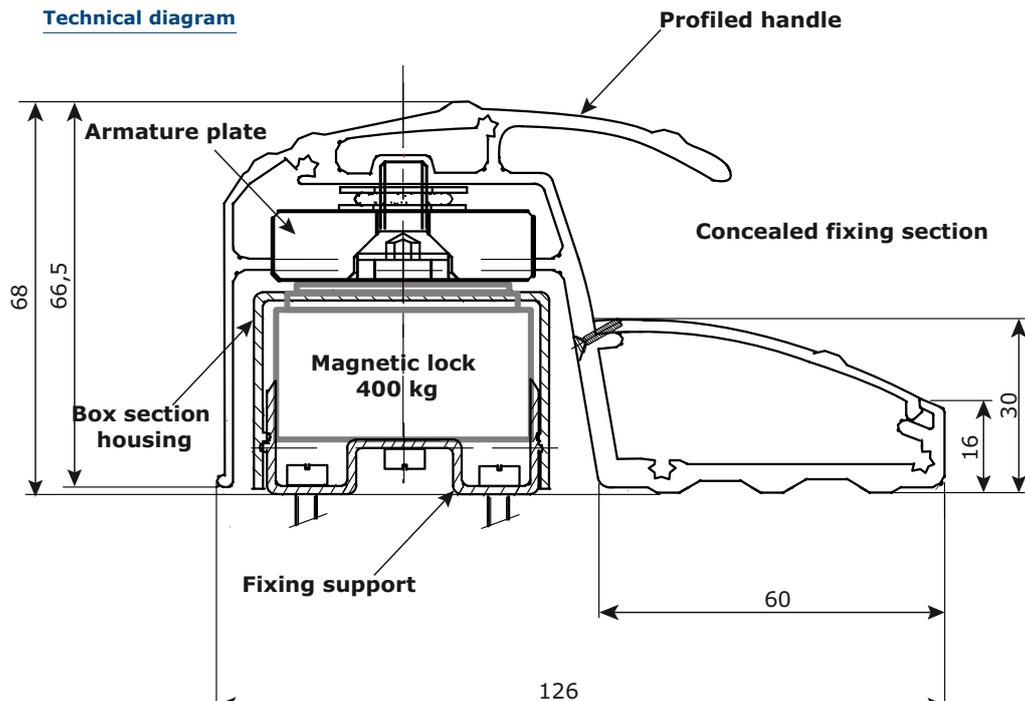
BO800RN Architectural Handle

A CDV Group Product

Range : DIAX®

BO800RN Architectural Handle

Technical diagram



Option :

Glass door fixing kit available up to 2.5m (UBKU-2.5)

Advice for installation on glass door :
For installation of the UBKU-2.5 a gap of 10mm is required between the door and frame to allow the U bracket to wrap around the door leaf. This should eliminate any obstruction in the operation of the door.

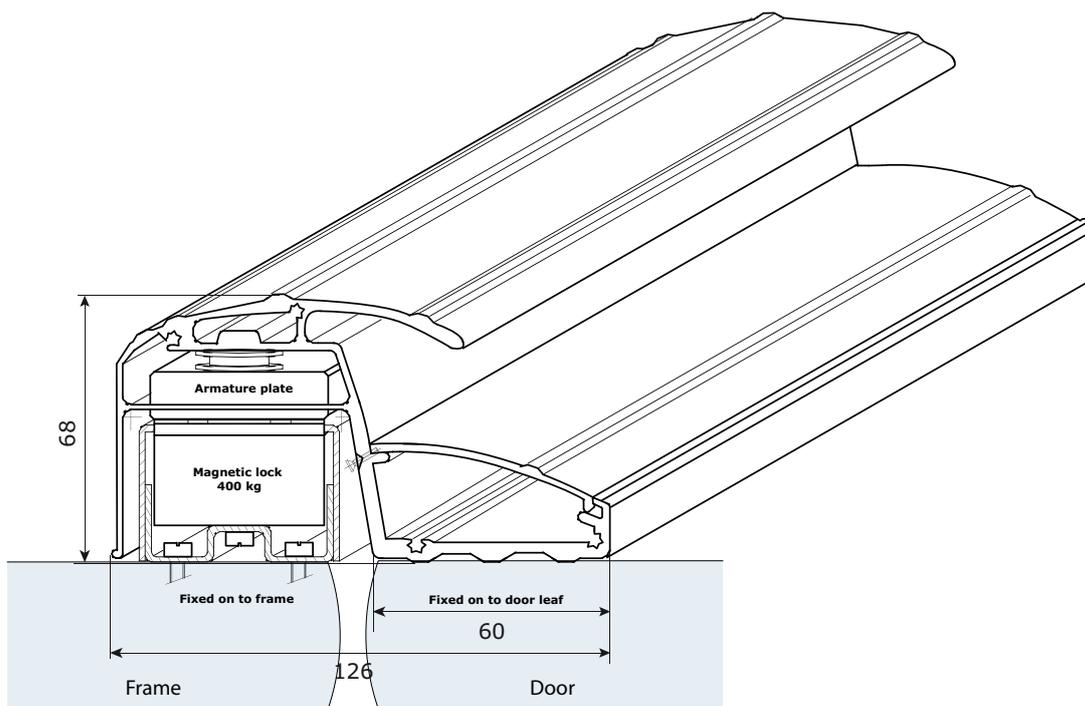
Recommended power supplies



BS 602



ARD2/12



BO800RN

**PATENTED.
BREVETÉ**