



## **CURVED SLIDING DOOR OPERATOR BESAM CMD**

### **The impressive and functional entrance**

Besam's CMD sliding door makes it possible to design the entrance in three dimensions, with depth in addition to the normal width and height. This gives the entrance an elegant and decorative appearance whilst it remains extremely functional.

The Besam CMD curved sliding door can be tailored to meet different customer requirements within the stated parameters.

A curved sliding door gives a wider opening than a flat sliding door and at the same time provides an impressive and enticing entrance.

The discreet form and compact dimensions allow the CMD to be a part of the architectural design.

The Besam CMD, like all Besam door operators, is designed with regard to place the safety of the user as of the highest importance.

### **Self-monitoring**

The microprocessor, which is the brain of the automatic mechanism has an self-monitoring device, which detects any interference or faulty signals in door operation. If an input signal does not correspond to the pre-programming, the microprocessor automatically takes necessary measures to ensure a safe operation. The electronics are grouped in a plug-in unit. The unit is programmed for automatic fault-location, and is subjected to a programme of stringent quality tests before delivery.

### **Design**

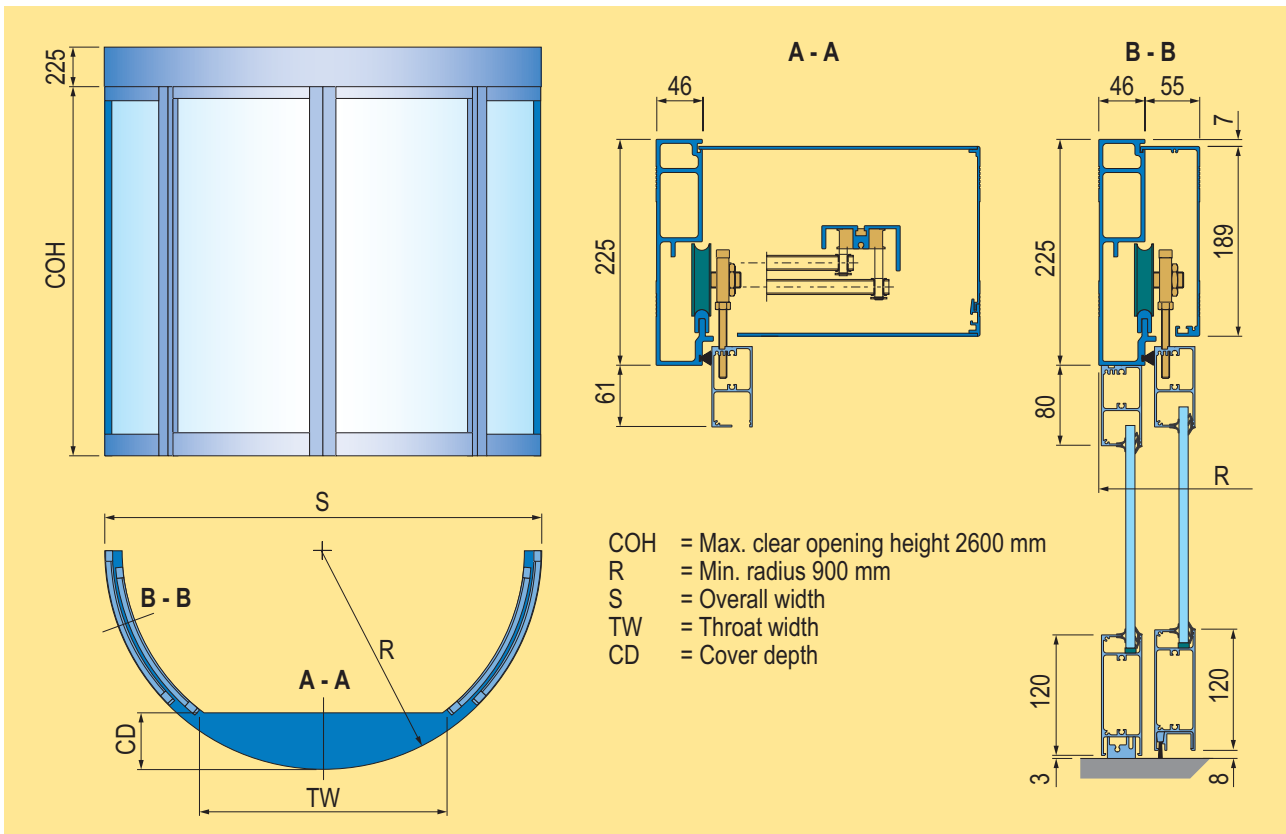
The motor, control unit, transmission – and optional emergency unit and electromechanical locking device – are all assembled in a compact drive module. The drive module is mounted inside a support beam with integrated cover. The motor and gear box transmits movement to the door leaves by means

of a tooth belt. The door leaves can be adjusted height-, length- and depth-wise. Plastic rollers and a sliding track made of aluminium give exceptionally smooth and silent operation.

Besam CMD can be delivered as operator only or complete with covers, door leaves and fixed screens. It is also available with external doors.

### **Emergency**

Besam CMD can be combined with an emergency unit that automatically opens or closes the doors in case of a power failure. This option can also be interfaced with the fire alarm or smoke detector.



## TECHNICAL DATA BESAM CMD

### Standard equipment

- Operator incl. curved sliding track
- Cover, curved in aluminium profiles
- Door leaves made from aluminium profiles
- Outer walls made from aluminium profiles
- Glass: 4+4 mm clear laminated  
Other types available
- Presence detection safety sensor placed vertically and flushed in above the entrance

### Accessories and Options

- Besam's range of activation units
- Programme selectors
- Electronic emergency opening or closing unit
- Emergency button
- Push-button for manual control of the door
- Electromechanical locking device
- Mechanical lock
- Surface treatment
  - clear anodizing
  - bronze anodizing
  - powder coating (RAL colours)
- Ceiling for internal door operators only
- Dust protection roof
- Water resisting cover
- Spotlights

### Technical specifications

- Power supply:
  - 230 V AC, 50 Hz
  - 120 V AC, 60 Hz
- Power consumption: Max. 250 W
- Opening and closing speeds:
  - Individually variable up to 1.4 m/s
- Hold open time:
  - Variable between 0 and 60 seconds
- Ambient temperature:
  - 20° to +50°C
- Door leaf weight:
  - up to 100 kg/door leaf



Besam Export AB, Box 669, SE-261 25 Landskrona, Sweden  
 Tel: +46 418 514 00, Fax: +46 418 513 55  
 e-mail: [export@besam.se](mailto:export@besam.se)  
[www.besam.com](http://www.besam.com)