



Specification | inMotion Sliding Doors

## inMotion Sliding Doors

### Product Description

These internal automatic sliding doors from IQ offer the highest levels of sophistication to your internal door openings. Running on almost silent magnetic drives these automatic sliding doors are the next evolution of automation.

**Opening Configurations** single slider, pocket sliding, bi parting opening

### Glass

The inMotion sliding door is available in a wide range of decorative glass finishes, from printed interlayers to textured meshes.

**Glass thickness** 8-12mm

**Maximum panel weight** 80kg

**Other Options** solid timber sliding doors / aluminium sliding doors

### Motor

The inMotion sliding doors are powered by an Electric three phase AC motor type LSMPM – Linear Synchronous Motor with Permanent Magnets. The motors move along the drive unit by means of the attraction and repulsion of the magnets.

**Motor Housing** 60mm high x 65mm deep aluminium housing

**Colour** available powder coated any RAL colour / anodised silver / stainless steel effect

**Minimum Clear Opening** 600mm with a maximum drive length of 1250mm

**Maximum Clear Opening** 1400mm with a maximum drive length of 2850mm

**Power Supply** 230 AC 50-60Hz (110V on demand)

**Power Consumption** 80W In operation, 150W peak (0,2 sec), 5W on stand-by

### Control

The inMotion sliding doors are operated by Microcontroller (MCU) with wireless communication via Bluetooth to the access controls

**Control Options** remote control access, touchless IR switch, push button, infrared sensor, automatic lock

**Adjustable Parameters** Push & go, Opening direction: right or left, "Low energy" or normal mode, Opening speed, Closing force, Reopening sensitivity, Hold open time

### Performance

**Opening Speed** adjustable 200 to 800 mm/s

**Acceleration & Braking Curves** 200 to 800mm/s<sup>2</sup>

**Operating Noise** <50dB

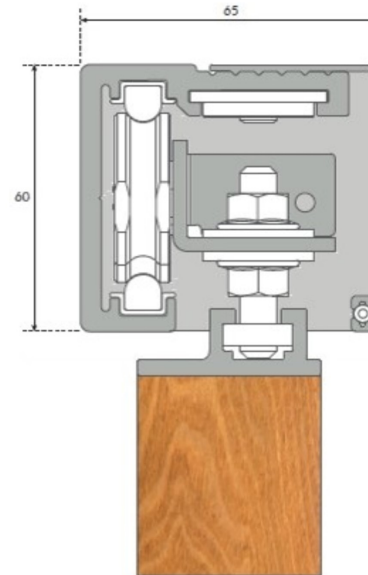
### Compliance

Directive 2006/42/EC on Machinery

Directive 2004/108/EC on "Electromagnetic Compatibility (EMC)"

Directive 2004/95/EC on "Safety of low voltage electrical appliances"

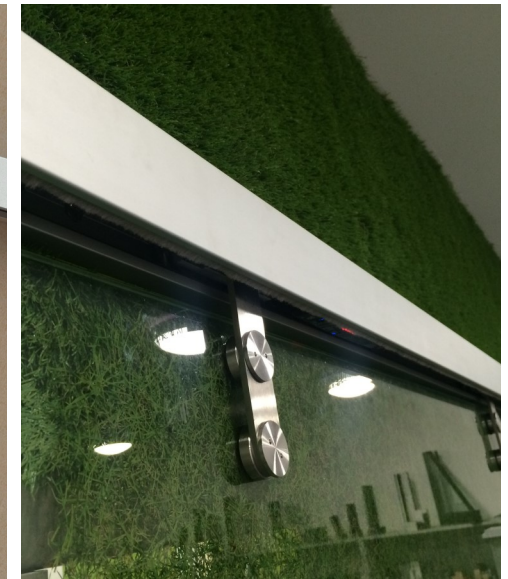
Norma EN16005: "Power operated pedestrian doorsets – Safety in use"



Solid timber sliding door



Glass laminated glass sliding door



**IQ Glass UK**

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