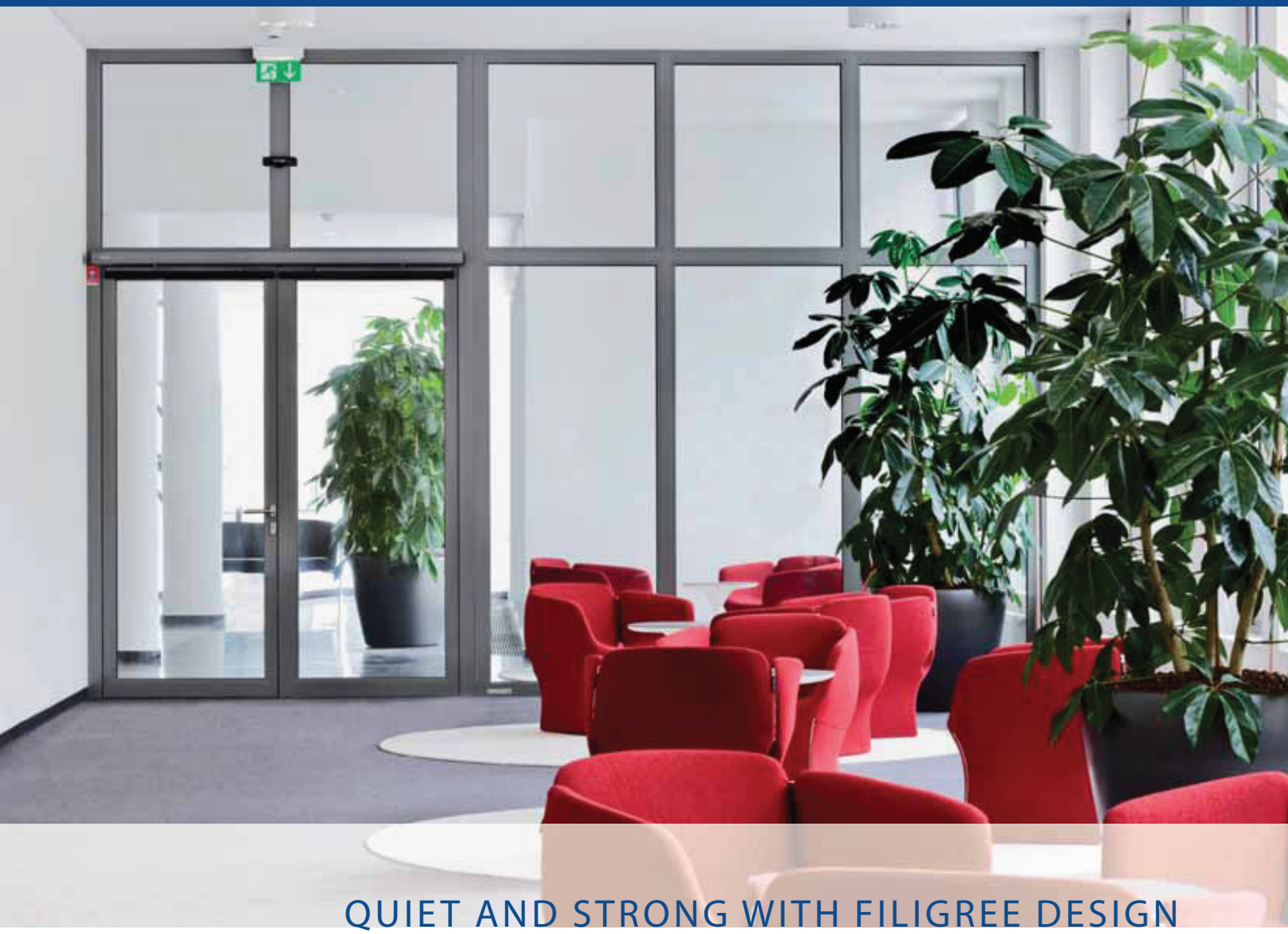


QUIET AND STRONG WITH FILIGREE DESIGN

GEZE SLIMDRIVE EMD – THE SWING DOOR DRIVE

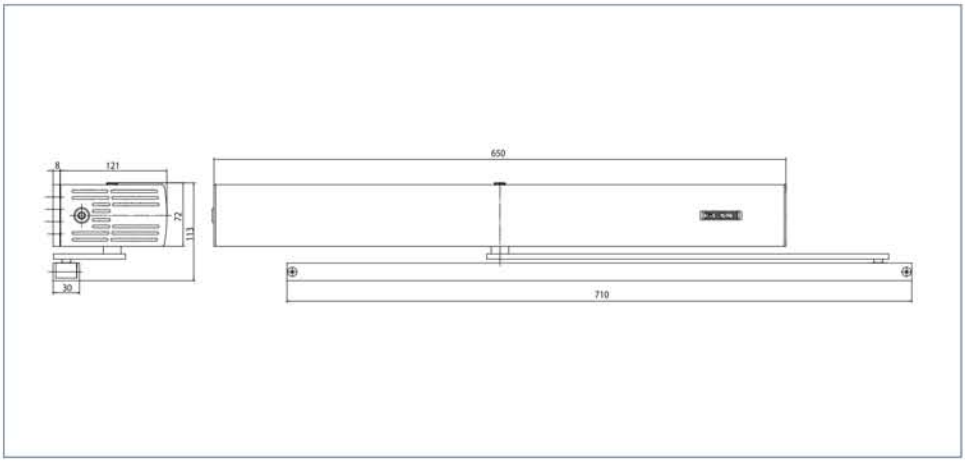
GEZE swing door drive Slimdrive EMD

Electromechanical swing door drive for 1 and 2-leaf single-action doors

The electromechanical swing door drive GEZE Slimdrive EMD stands out due to its numerous areas of application. The compact drive is only 7 cm high and can move large and heavy internal and external doors comfortably and quietly. This makes the Slimdrive EMD the ideal solution wherever efficiency has to be coupled with silent running. State-of-the-art control technology combined with a low-wear and maintenance-free high-power motor guarantees reliable operation even for doors which are heavily frequented. All door parameters e.g. opening and closing speed as well as latching action, can be optimally adapted. Manual door opening can be supported by the drive (servo function) and ensures that even heavy doors can be opened more easily manually. The push & go function can be activated on request, i.e. the door is only slightly opened by hand and the automatic actuation opens the door completely. In low-energy mode, the drive moves the door at reduced speed. The optional CAN interface can be used to meet demanding requirements e.g. air lock control.

GEZE Slimdrive EMD

GEZE Slimdrive EMD



Application range

- Internal and external doors
- Railway stations and airports
- Hotel and restaurants
- Hospitals and nursing homes for the elderly
- Educational institutions e.g. schools, nursery schools, day care centres
- Leisure facilities, e.g. swimming baths, thermal baths, sport and fitness centres
- Administration and public buildings
- Food industry

GEZE SLIMDRIVE EMD

Technical data

Product features	GEZE Slimdrive EMD	GEZE Slimdrive EMD-F	GEZE Slimdrive EMD F-IS	GEZE Slimdrive EMD Invers
Height	70 mm			
Width	650 mm			
Depth	121 mm			
Leaf weight (max.) 1-leaf	180 kg	230 kg		
Hinge size (min.-max.)* 2-leaf	1500 – 2800 mm			
Leaf width (min.-max.)*	750 – 1400 mm			
Soffit depth (max.)*	400 mm			
Door overlap (max.)*	30 mm			
Drive type	Electromechanical			
Door opening angle (max.)*	115 °			
Spring pre-load		EN3 – EN6		
Left-hand	●	●	●	●
Right-hand	●	●	●	●
Transom installation opposite hinge side with link arm	●	●	●	●
Transom installation opposite hinge side with guide rail	●	●	●	●
Transom installation hinge side with guide rail	●	●	●	●
Door leaf installation opposite hinge side with guide rail	-	-	-	-
Door leaf installation hinge side with guide rail	●	●	●	●
Door leaf installation hinge side with link arm	-	-	-	-
Mechanical latching action	-	●	●	-
Electrical latching action	●	●	●	●
Electrical closing sequence control	●	●	●	●
Mechanical closing sequence control	-	-	●	-
Disconnection from mains	Cable plug connection			
Activation delay (max.)	20 S			
Operating voltage	230 V			
Frequency of supply voltage	50 – 60 Hz			
Capacity rating	230 W			
Power supply for external consumers (24 V DC)	1200 mA			
Temperature range	-10 – 50 °C			
Enclosure rating	IP 20			
Operating modes	Off, Automatic, Permanently open, Shop closing, Night			
Type of function	Fully automatic			
Automatic function	●	●	●	●
Low-energy function	●	●	●	●
Servo function	-	●	●	●
Key function	●	●	●	●
Inverse function (opening by spring force)	-	-	-	●
Draught-proofing	●	●	●	●
Obstruction detection	●	●	●	●
Automatic reversing	●	●	●	●
Push & go	adjustable			
Operation	Programme switch DPS, Programme switch MPS, Programme switch TPS, Programme switch integrated in the drive			
Parameter setting	Programme switch DPS			
CAN interface	optional			
Approvals	DIN 18650	DIN 18650 DIN 18263-4	DIN 18650 DIN 18263-4 Closing sequence cont-roller tested acc. to EN 1158	DIN 18650
Suitable for fire proof doors	-	●	●	-

● = YES
- = NOT AVAILABLE
* = DEPENDING ON THE TYPE OF INSTALLATION

NOTE: THE MAXIMUM POSSIBLE LEAF WEIGHT IN RELATION TO LEAF WIDTH CAN BE FOUND IN THE CHAPTER ON AREAS OF APPLICATION (DIAGRAMS)!