

iMotion® 2202 Sliding Door Drive



intelligent



modular



ecological



reliable



economical

Areas of application	External and internal doors – high traffic levels – compact configuration
Versions	– linear – frameless – telescope – RER
Options	– operating unit with 6 operating modes – electro-mechanical lock – magnetical interlock – electrical emergency operation – mechanical emergency opening – air lock / porch wind screen function – step control step mode – emergency closing

Drive type	Electro-mechanical sliding door drive
Motor	Synchronous AC motor
Control system	Control system 2202 MCU32
Mains connection	1 × 230 / 1 × 115 V AC, 50 ... 60 Hz, 10 A
Power consumption	5 ... 190 W
Inputs	8 programmable inputs of which 4 testable safety features, expandable by modules
Outputs	3 programmable outputs, expandable by modules
Sensor power supply	24 V DC
Safety facilities	The necessary sensors can be connected, monitored power limit
Interfaces	LIN Bus, CAN Bus, RS232
Approvals	CE incl. RoHS, TÜV
Standards	DIN 18650: 2010, EN 13849-1, EN IEC 60335-1, EN 61000-6-2, EN 61000-6-3
Durability	Class 3 to DIN 18650-1: 2010
Protective class (drive)	IP 22
Ambient temperature	–20 °C to +50 °C

Dimensions	
Cross-section of header profile (H × D)	100 × 142 mm
Cross-section of header profile (H × D) telescopic	100 × 204 mm
System length, single-leaf	min. 1706 mm
System length, double-leaf	min. 1766 mm
System length, telescopic, double-leaf	min. 1406 / 2306 mm ¹⁾
System length, telescopic, four leaves	min. 2586 mm

Maximum leaf weights	
Single-leaf	1 × 130 kg / 1 × 120 kg ¹⁾
Double-leaf	2 × 120 kg / 2 × 100 kg ¹⁾
Telescopic, double-leaf	2 × 80 kg / 2 × 60 kg ¹⁾
Telescopic, four leaves	4 × 80 kg / 4 × 60 kg ¹⁾

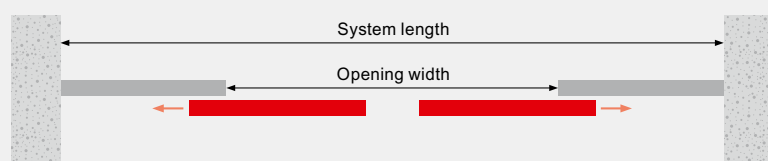
Opening widths	
Single leaf	800 ... 2200 mm ²⁾
Double-leaf	800 ... 2900 mm ²⁾
Telescopic, double-leaf	800 / 1400 ¹⁾ ... 2900 mm ²⁾
Telescopic, four leaves	1500 ... 3800 mm ²⁾

Opening speed	5 ... 100 cm/s ³⁾
Closing speed	5 ... 80 cm/s ³⁾

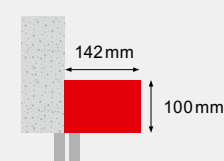
¹⁾ for rescue and escape routes (RER)

²⁾ larger opening widths on request

³⁾ per door leaf, dependent on the door weight, opening width
and the prevailing regulations



Plan view (double-leaf with fixed leaf)



Cross-section