

SZ200 Automatic Sliding Door



GILGEN
DOOR SYSTEMS

Automatic opening of doors

The automatic, contact-free opening of doors makes our day-to-day lives easier and more convenient. Highly reliable Gilgen drive units provide trouble-free access from one room to another. The smooth automatic closing of doors induces a sense of well-being and security. This simple door operator fulfils, in a cost effective way, the structural needs of design and function.

Drive-system Components

- 1 Compact drive unit with electronically-controlled door operation, low maintenance with high performance
- 2 Running profile with replaceable track system - long life - low noise
- 3 Covering simple to secure in hinged-up or closed position and bungee straps for optimum safety
- 4 Running carriage with three-dimensional compensation for structural tolerances and adjustable door suspension, height adjustment to + / -10mm, lateral adjustment to + / - 15mm
- 5 Power transmission with (steel reinforced) toothed belt
- 6 Self-teaching microprocessor control system installed in protective housing, with automatic adjustment for optimum dynamic operating performance of door
 - Obstacle detection with automatic return mechanism
 - Holding pressure: 40 N
 - Dynamic power limitation
 - LED-type function and error indicators
 - Prioritised fulfillment of operating commands
 - Weight and path measurement
 - Testing of safety and security elements
 - End-point positioning
- 7 Simple manual adjustment of the following four functions:
 - Closing speed
 - Opening speed
 - Hold-open time
 - Reduced opening
- 8 Selectable default settings with DIL switch
 - Sense of rotation
 - Activation of locking mechanism
 - Tracking adjustment
- 9 Electric Locking / Failsafe Backup Battery Backup
 - In 'auto' operation will provide up to 1/2 hour of continuous operation and fail open on battery expiration
 - 'Lock' operation will provide up to 500 cycles and fail close on battery expiration
 - It is recommended that the battery be replaced every 2 years

Technical Specifications

Max. opening speed	0.6 m/s (adjustable)
Max. closing speed	0.6 m/s (mass-dependent, adjustable)
Hold-open time, day: adjustable time until the door closes	0-30 s (adjustable)
Mains power connection	230VAC, 50Hz
Stat. drive power	Max. 150N
Protection rating	For use in dry locations only
Power consumption	80W
Ambient temperature	-15°C to +50°C
Frame size	205mmH x 120mmD

Range of Application

	Bi- parting	Single
Clearance opening width	900 ... 3000mm	700 ... 2000mm
Clearance height	2100 - 2500mm Maximum 3000mm	
Max. weight	2 x 125kg	1 x 140 kg
Minimal drive case length	2 x opening width + 100mm	
Gilgen systems, tested to DIN 18650 standards		

SZ200 drive unit: Various door leaf options are available.

