

SP - 380 Technical Information

Heavy duty automatic sliding door, for high weights

Weight of up to 2 x 190 kg

SP-380 is a heavy duty automatic sliding door that is tough operator that can be used for heavy applications. It is engineered to accommodate the extremes of automatic door weights while at the same time ensuring maximum safety. Utilizing sophisticated SP-280 electronics, its powerful purpose built 120W motor and steel gearbox provides high torque and great control over heaviest doors., making the movement of even large doors very safe.

Application

The SP-380 automatic door operator is suitable for heavy duty applications and is a proven performer for industrial and commercial applications. It can be used in airports, shopping centre's loading section, supermarkets, hotels, hospitals, sports stadiums, factories, warehouses and many other industrial and commercial sites that require a solution to the extremes of automatic door control..

At SPACE we can supplement this automatic sliding door system with various program switches, sensors and door profiles, all of which are specially designed for this system.

Features and advantages

- for doors panels of up to 2 x 190 kg
- Powerful yet safe
- Silent even with heavy weights
- Low wear due to high quality rollers, smooth aluminium track and precise design
- Powerful electromagnetion locking
- Safe opening and closing
- Control unit with many safety functions, and allows for connection of safety sensors
- Reliable function
- Can be combined with wide range of door profiles
- Suitable for framed or frameless door panels
- Tested to 3,000,000 cycles

Technical information

Door parameters	SP - 380
1-panel sliding door	
- Opening width	500 – 3000 mm
- Door panel weight, max.	1 x 200 kg
2-panel sliding door	
- Opening width LW	1000 – 4000 mm
- Door panel weight, max.	2 x 190 kg
Passage height PH	
- Average	3100 – 3300 mm
- Maximum	5000 mm

Technical data	
Drive Height	218 mm
Depth	110 mm
Opening and closing force max. 180 N	x
Opening speed (incremental and adjustable)	0.1 – 0.4 m/s
Closing speed (incremental and adjustable)	0.1 – 0.3 m/s
Hold-open time	1 – 5 sec.
Mains voltage, frequency	AC 110 - 240 V, 5A 50/60 Hz
Operating environment	-20°C to +50°C 10% to 90%RH
Motor	120 W DC Motor
Tested according to EU EMC Directive 89/336/EEC	x
Manufactured according to ISO 9001:2000	x

- x standard
● optional

SP-380 Control unit	
Microprocessor controller	x
Functional programs	
- Off	x
- Automatic	x
- Permanent open	x
- Partial open	x
- Locked	x
Emergency off	x
Ratchet (flip flop function)	x
LED type function and error indicators	x
Automatic end point positioning	x
Automatic path measurement	x
Adjustable basic parameters via dip switch	
- Opening speed	
- Closing speed	
- Breaking and starting force	x
Automatic reversing	x
Emergency opening or closing (only with battery pack)	x
Connection for bistable electro-mechanical locking	x
Connection for light barriers/photocell	x
24 V output for external consumption	x

Additional equipment	
Electro-mechanical lock (bistable)	●
Light barriers (single or dual)	●
Battery pack (emergency opening, emergency closing)	●
Module for access control system	●

Dimensional drawings

