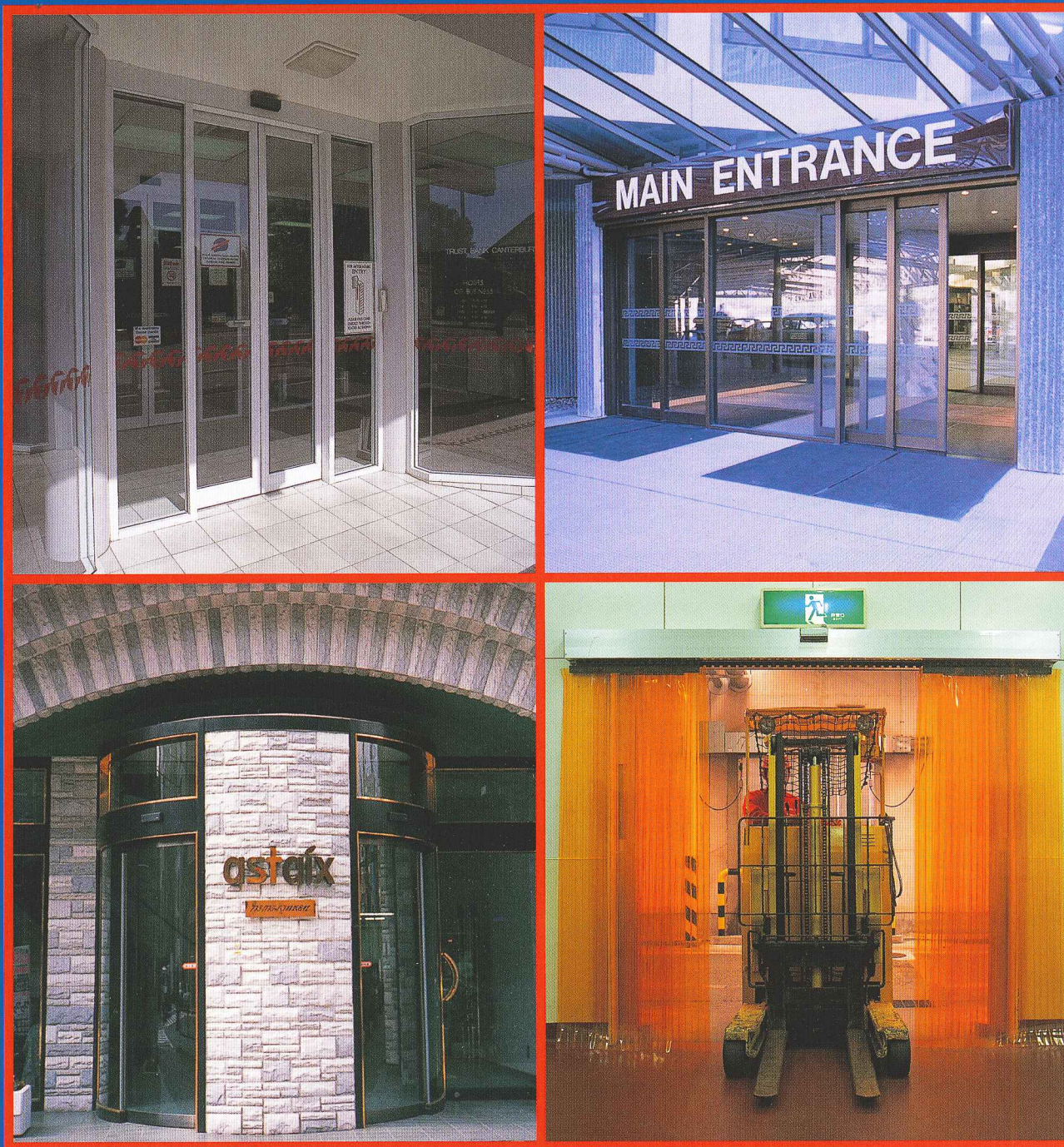


AUTOMATIC SLIDING DOOR OPERATORS

NEWLY DEVELOPED SIN WAVE DRIVE MOTOR IS THE COMPACT SHAPE AND SILENT IN OPERATION
MICROCOMPUTER CONTROL BOX WITH THE LATEST TECHNOLOGY PROVIDES RELIABLE OPERATION



Durable performance appreciated by users in many countries

Solic

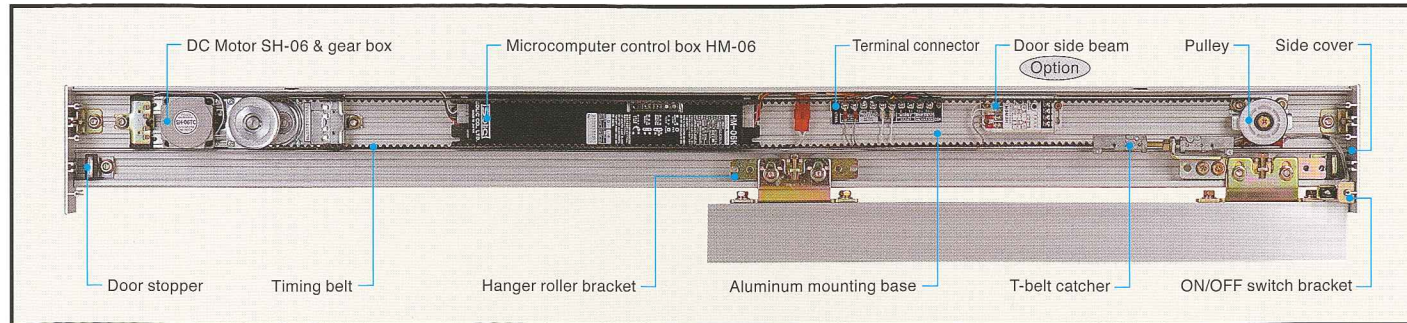


Automatic sliding door operators

Microcomputer provides high performance control

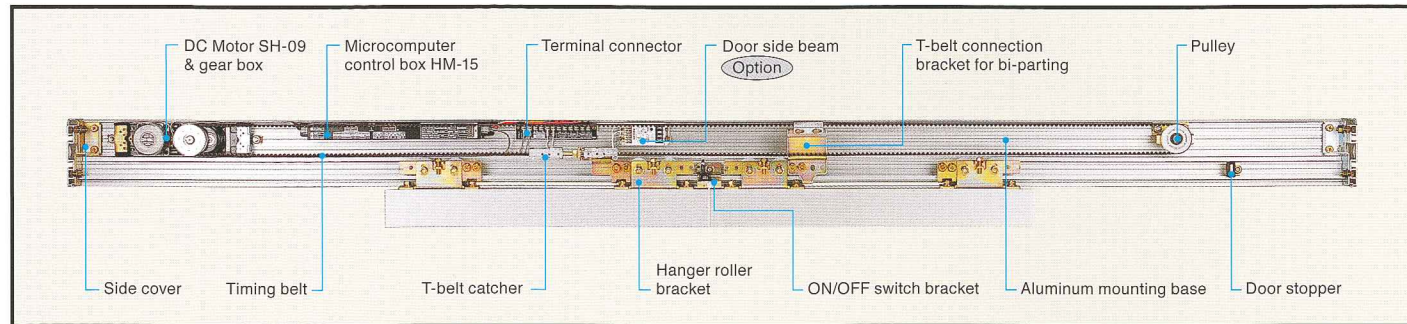
Model SH-06

Sliding door operator in the aluminum case ADD-ON NC Type (thickness 70×150×L) is used for a light weight door and very much suitable for a partition door in offices, factories, hospitals, public institutions or educational facilities and, at a low price.



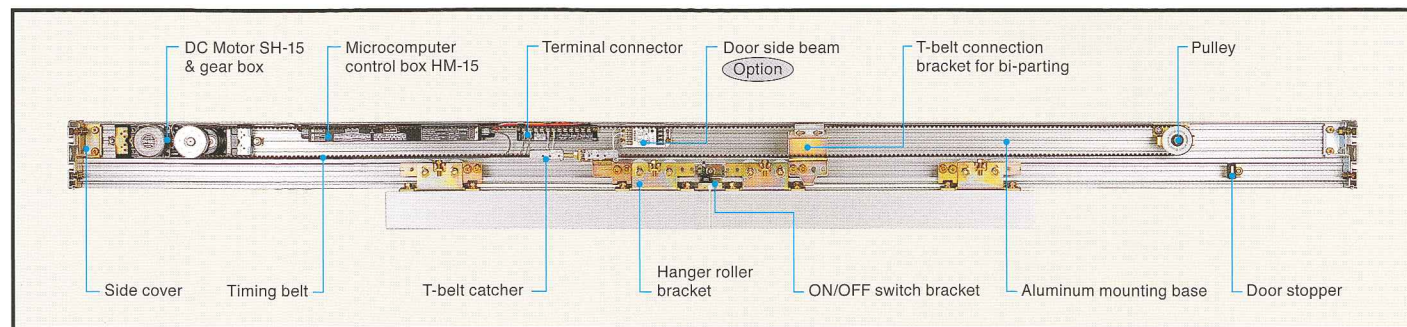
Model SH-09

Sliding door operator in the aluminum case ADD-ON NC Type or ADD-ON BC Type (thickness 100×150×L) is available and will be applicable to almost all types of doors. The existing swing doors can be changed to the automatic sliding doors with this model.



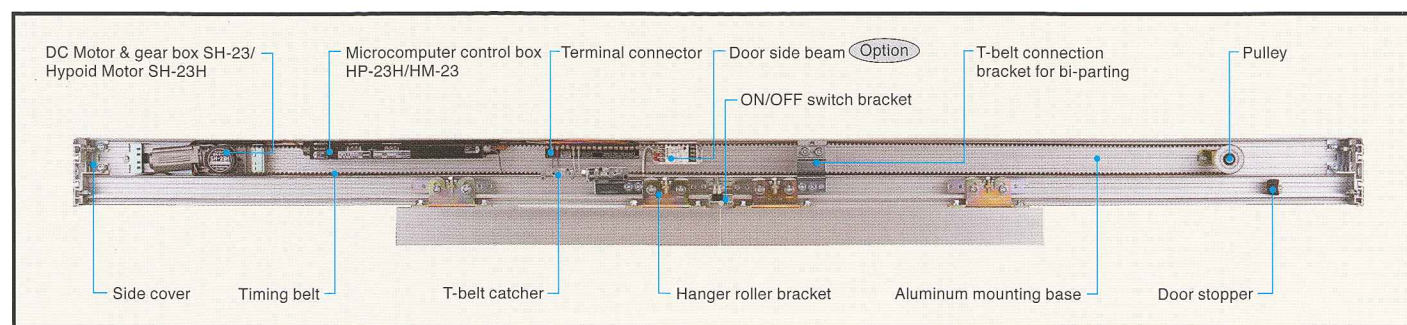
Model SH-15

Sliding door operator in the aluminum case ADD-ON BC Type (thickness 100×150×L) can be installed into any space on the lintel or transom of the door front sash. The model is suitable for the main entrance of buildings.



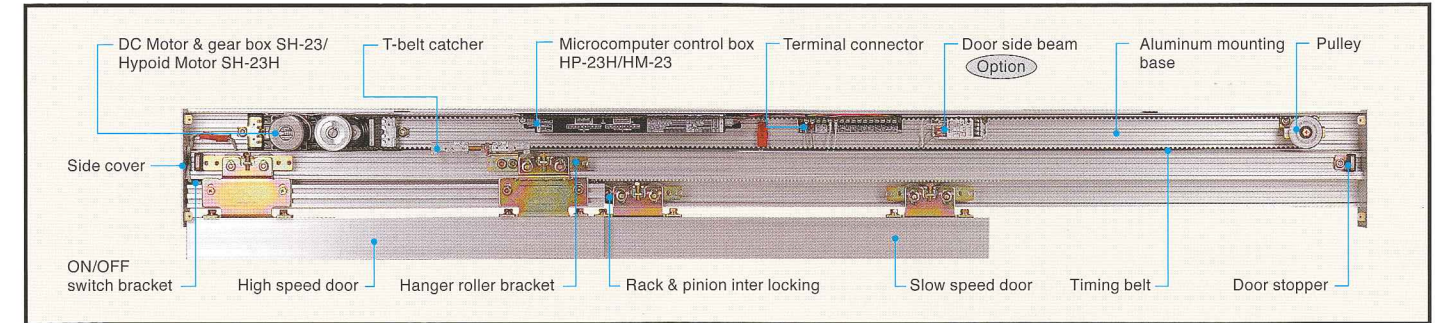
Model SH-23

Sliding door operator in the aluminum case ADD-ON BC Type (door hanger rollers ø35mm) or ADD-ON BG type (thickness 100×170×L, door hanger rollers ø45mm) for heavy duty is available.



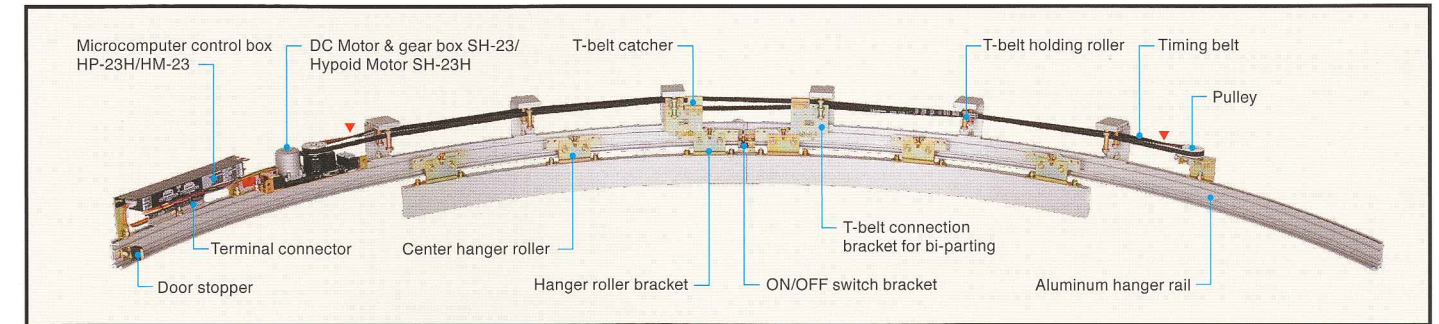
Model CN-23

Telescopic sliding door operator in the aluminum case ADD-ON CN Type (thickness 100×200×L) gives wider opening in a limited space. It is capable of sliding two or four doors simultaneously.



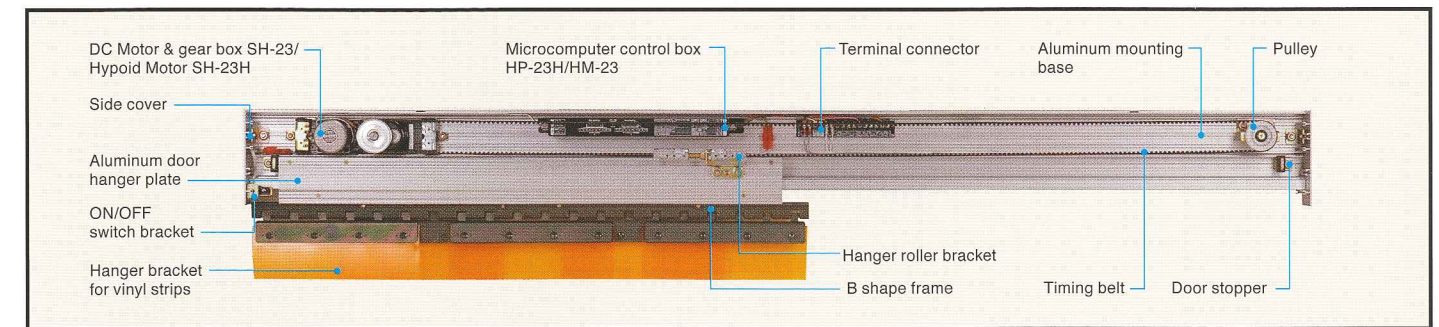
Model DR-23

Semi-circular sliding door operator makes an impression of luxury at the entrance. Standard radius is R-1200 or R-1500. This model is installed on the flat bars provided in the transom of made to order.



Model BI-23

Sliding door operator with vinyl strips is useful for factories and warehouses. The aluminum case ADD-ON BI Type (thickness 100×170×L) is available. The door panel made of vinyl strips can be supplied.



SPECIFICATIONS

Remarks: The door upper frame shown in each model is not supplied. Specifications are subject to change without notice.

| MODEL | SH-06 | | SH-09 | | SH-15 | | SH-23 | |
|--------------------------|-----------------------------|------------|--------------------------|------------|--------------------------|------------|---------------------------|------------|
| Opening direction | Single leaf | Bi-parting | Single leaf | Bi-parting | Single leaf | Bi-parting | Single leaf | Bi-parting |
| Max. Door weight | 60kg | 35kg × 2 | 70kg | 40kg × 2 | 100kg | 75kg × 2 | 150kg | 110kg × 2 |
| Opening speed | 500mm/sec. (Fixed) | | 400 or 500mm/sec. | | 400 or 500mm/sec. | | 100~500mm/sec. (Variable) | |
| Closing speed | 230 or 375mm/sec. | | 100~500mm/sec.(Variable) | | 100~500mm/sec.(Variable) | | 100~500mm/sec. (Variable) | |
| Slow speed after braking | 35mm/sec. | | 35 or 60mm/sec. | | 35 or 60mm/sec. | | 35~100mm/sec. (Variable) | |
| Hold time | 0 ~ 10 sec. (Adjustable) | | | | | | | |
| Power supply | AC100V or AC230V±5% 50/60Hz | | | | | | | |
| Power consumption | Under 15W | | Under 15W | | Under 20W | | Under 50W | |
| Manual opening force | Less than 3kgf | | | | | | | |
| Temperature range | -10°C ~ +45°C | | | | | | | |

STANDARD FEATURES

① Adopting sin wave operation

The newly developed DC brushless motor has adopted the sin wave operation to provide low vibration and quieter door movement.

② Microcomputer control

The microcomputer control box with the latest Hi-Tech is the brain of the door operator. State-of-art technology makes the door operator the ultimate in reliability and high performance.

③ Safety function

The door on closing cycle automatically reverses for safe when meeting resistance from a person or object.

④ In power failure

In case of power failure, the door can be opened and closed manually with the force of less than 3kgf.

⑤ Easy assembly

All major component parts can be attached onto the aluminum mounting base without making hole. Consequently the installation is done very easily.

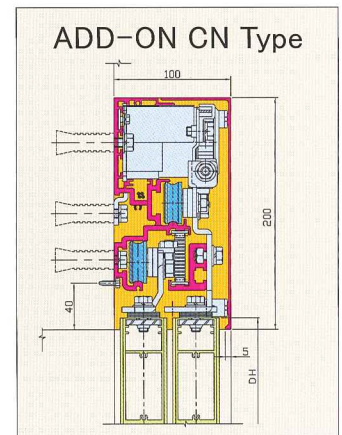
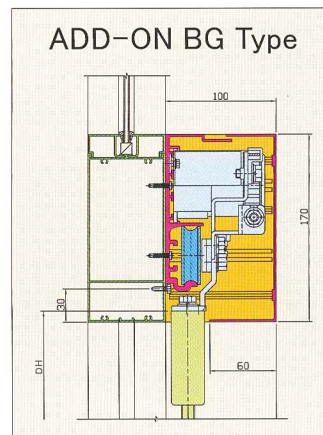
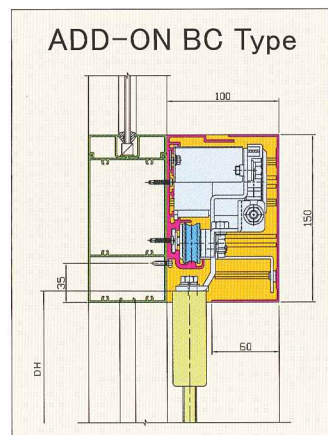
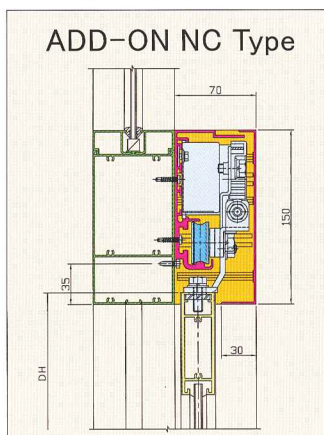
⑥ Easy cutting

The aluminum case consists of the mounting base, cover and side covers. It can be cut at any length.

⑦ Easy door hanging

The length of the hole for door hanging is 100mm from the edge of door and 60mm from the center of two holes as standard. The door hanging can be adjusted with only one M8 bolt.

PROFILE



OPTIONAL PARTS

① Various electronic locks

Simple lock (motor lock) KL type, door lock DL type, and pulley lock PL type are available. The locks can be built in the door operator.

② External door opening adjuster

The door opens only to the width of the adjustable opening stroke with the external volume.

③ Battery back-up device

The battery back-up device BU type automatically opens and closes the door in case of power failure.

④ Door side beam

The door side beam SK type is an auxiliary function to the main activate switch. It is an infrared beam that opens the door when the beam is interrupted by a person or object.

⑤ Various activate switches

Many sensor switches, push panel switches and other switches are available.

⑥ Colors of aluminum covers

The aluminum covers in brown, black and white are available as option.

⑦ Others

Selector key switch (Sureface mounting type), Floor guide rollers, Floor guide rails with door bottom guides, Door hanging space adjuster, Door opening width adjuster and others.

OTHER MODELS

ELECTROMATIC (electro+auto) SLIDING DOOR CLOSERS: 2cm open by hand for automatic.

Latest Hi-Tech

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