

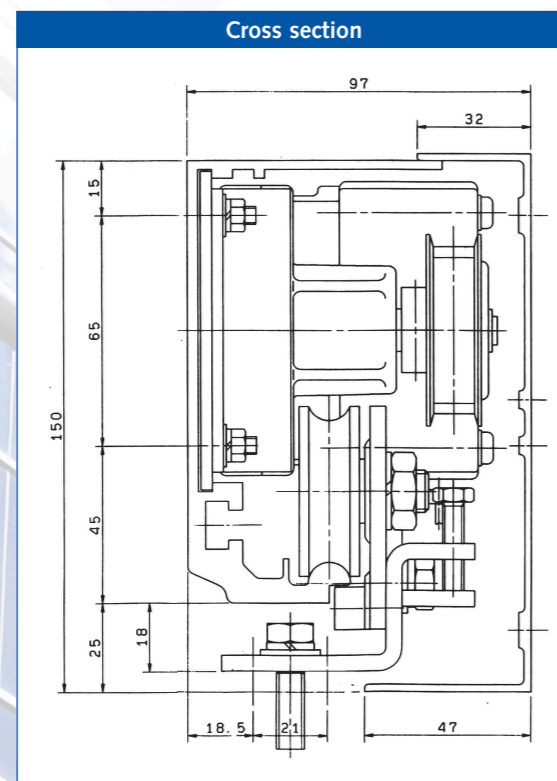
Specification

Accessories

Technical			
Model		Single sliding	Double sliding
Model		EDM18GII-S	EDM18GII-D
Applicable door (max.)	Dimensions	DW1219 x DH2134 mm	DW1067 x DH2134 mm
	Weight	90kg	80kg x 2
Power supply/consumption		AC200-240V 50,60Hz 1.5A (AC220V)	
Manual door opening/closing force during power failure		24.5~39.2N (2.5~4kgf)	29.4~49.0N (3~5kgf)
Rated operation		Continuous opening and closing assured	
Door open/close force		High speed 137.2N (14kgf) Low speed 78.4N (8kgf)	
Motor		Brushless, molded DC motor	
Reduction gear		Enclosed all-belt system	
Control system		Microprocessor control	
Insulation resistance		10 MΩ or more at 500V DC	
Dielectric strength		AC1000V for one minute	

Operation	
Door opening speed	250~500mm/s (adjustable)
Door closing speed	250~500mm/s (adjustable)
Braking stroke adjustment	Auto adjustment
Door opening time	0~30 seconds (adjustable)
Elimination of door-to-frame gap	Electric pressure at low voltage. Pressing force is 39.2N (4kgf)
Safety/Obstruction Detection	During the opening travel - Stop. Restart by sensor switch signal or after a period of time
	During the closing travel - Open/Reverse with normal speed. Then close with low-speed. Restart by sensor switch signal or after a period of time.
Energy saving (optional by selection)	50% half open operation is available
Operating environment	Ambient temperature: -20C ~ +50C (no condensation or icing)
	Ambient humidity: 30% ~ 85% RH (no hazardous materials must be present in the atmosphere.)

Accessories	
Battery open (optional)	Battery open - in case power failure. Emergency activation open only (Active battery time 30 sec)
Locking (optional)	Electromagnetic locking LK1: Power fail secure (power off - locked)



**EASY
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SET-UP
OPERATION**

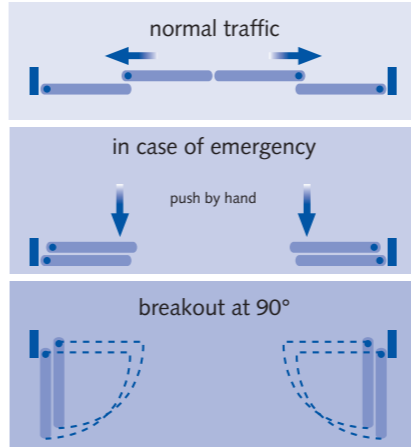
BEA Eagle		
Sensing	Microwave & Microprocessor	
Power input	12V~24V AC +/- 10%, 50~60HZ, 2w	
Detection area (at height 2.2m)	Wide: 4m Width x 2m Depth	Narrow: 2m Width x 2.5m Depth
Colours	Black / Sliver	
Temperature range	-20C ~ +55C	
Features	One or two way detection system which can be fitted on walls or ceiling. This accurate Microwave motion detection sensor is ideal for use in commercial buildings, stores and factories. Its sophisticated motion tracking device is available with many attractive features.	

OS 12C		
Sensing	Infrared Beam	
Power input	12V~24V AC +/- 10%, 50~60HZ, 135mA max	
Mounting Distance	0 ~ 10m	
Temperature range	-20C ~ +55C	
Features	Economical, practical and almost invisible on the door frame. If the beam is interrupted by pedestrian movement, a signal is sent to restrict closing. Photocells provide greater reliability and control when detecting possible obstacles in the door threshold area.	

Manual Selector Switch		
Application	Pos. 1) Night Mode Pos. 2) Door Control & Button Pos. 3) Automatic	Pos. 4) Exit Only Pos. 5) Entry Only Pos. 6) Hold Open
Function	Night Mode Position - Locked doors with power on. Door Control & Button - Sensors off with power on, instant activation to open doors when required.	
Features	Elegant and uniquely designed function selector can be wall or frame mounted, offering various operation features	

Breakout / Anti-panic Device		
Application	Connection to Hanger Roller Bracket & Integration with door profile	
Components	Stainless Steel Hinged Bracket with breakout pressure adjustment. Threshold guide and door pivot.	
Operation	Single	Double
Weight capacity	90kg	90kg x 2
Door width x height (mm)	1500 x 2200	1500 x 2200
Features	Supplied as a Kit, the breakout system can be incorporated with any door profile. Doors slide smoothly and can be broken out at any position of travel. Available for double or single applications.	

Distributed by



KENWA
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EDM18GII/EZ model Sliding door operator



**EASY
INSTALL
SET-UP
OPERATION**

Daihatsu Diesel NHN Corp., Osaka, Japan



EDM 18GII/EZ model

Simple door automation and high performance in one...

EDM 18GII/EZ Series Automatic Door Operator offers simple door automation and high performance in one. It is the optimum solution for all who value quality and competitiveness. Our unbeatable reliability and prolonged service life is proven over all other automatic door products on the market today.



Introduced in 1985 to the world market, Daihatsu MICOM Autodoor is an established brand name, with an extremely strong reputation for reliance and durability. To date, many Daihatsu MICOM operators are still in operation, even after more than 15 years of continuous service.

Simple Design and Installation

With all parts installed directly from the front onto our base rail, any component can be moved easily during or after the initial installation process. Parts can also be added or replaced simply for servicing purposes. Therefore time spent on Installation or servicing is greatly reduced.

Easy Set-up

Door stroke learning and breaking position are automatic, making EDM 18GII/EZ truly quick and easy to setup. Door stroke and breaking point are automatically calculated according to door weight and size. Braking position is automatically adjusted to suite each door independently. Door Parameters can be easily reset using flush memory when the door stroke is changed. This data is retained within the control memory, even without power supply.

High Performance

EDM18GII/EZ is a truly reliable and low noise operator. Utilizing a Brushless Molded DC Motor, producing minimal heat and eliminating any danger of system overload by excessive motor temperature problems, EDM 18GII/EZ provides reliable and efficient door operation with no interruption. The use of the Brushless Molded DC Motor and Enclosed Reduction Gear also ensures silent door operation, requiring no maintenance, whilst improving overall long term durability.



Product summary

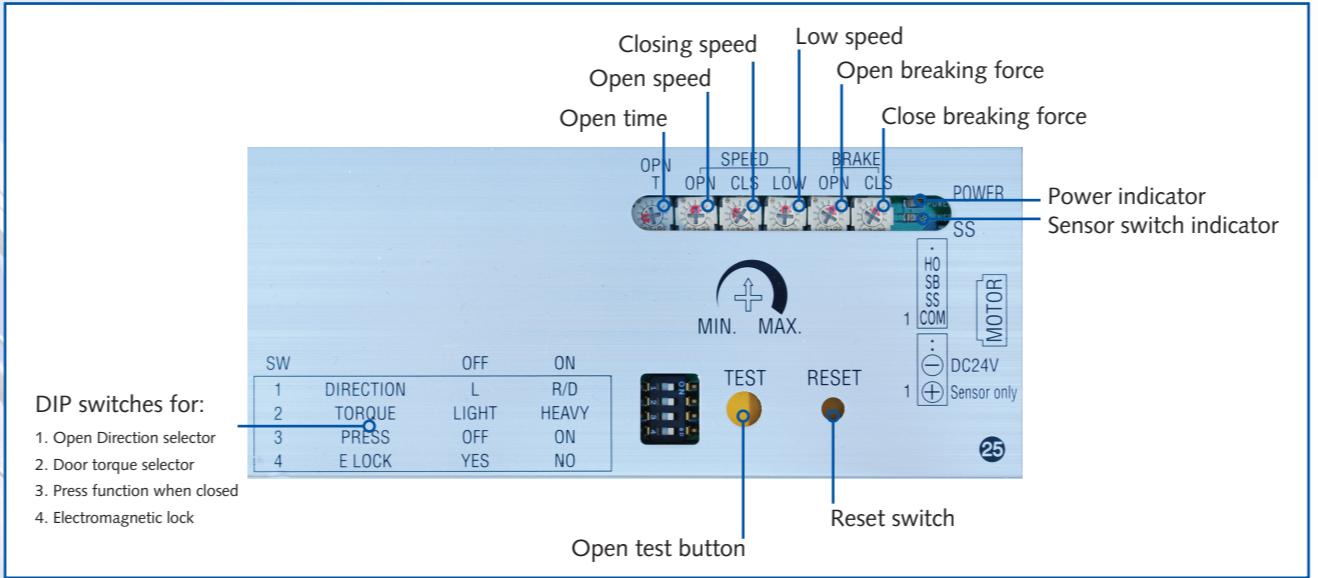
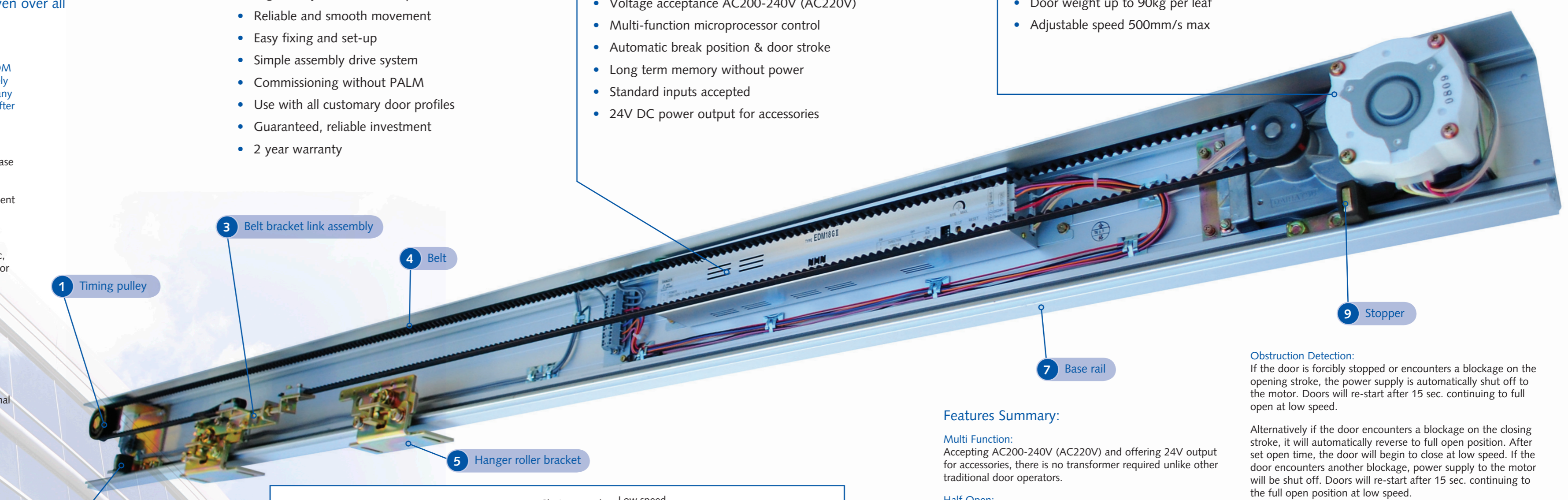
- High safety standards incorporated
- Reliable and smooth movement
- Easy fixing and set-up
- Simple assembly drive system
- Commissioning without PALM
- Use with all customary door profiles
- Guaranteed, reliable investment
- 2 year warranty

6 Control box assembly

- Voltage acceptance AC200-240V (AC220V)
- Multi-function microprocessor control
- Automatic break position & door stroke
- Long term memory without power
- Standard inputs accepted
- 24V DC power output for accessories

8 Gear box assembly

- Brushless molded DC motor
- Door weight up to 90kg per leaf
- Adjustable speed 500mm/s max



Features Summary:

Multi Function: Accepting AC200-240V (AC220V) and offering 24V output for accessories, there is no transformer required unlike other traditional door operators.

Half Open: Use of Half Open Switch will enable easy setting for partial open operation. At 50% half open, should the flow of traffic become heavy, the doors will automatically move to full open position. Once returning to full closed position, on the next open signal, doors will return to 50% half open function.

Fault Protection: If any obstruction occurs within the drive system for example, doors are locked, our fault protection system detects such an obstruction and will shut off power to the motor. Power is automatically re-introduced after 15 sec.

Press-Closing: With doors at full closed position, they are further pressed closed to eliminate any gap between the door and frame. This power efficient feature helps maintain environments regulated by heating or air conditioning.

Obstruction Detection: If the door is forcibly stopped or encounters a blockage on the opening stroke, the power supply is automatically shut off to the motor. Doors will re-start after 15 sec. continuing to full open at low speed.

Alternatively if the door encounters a blockage on the closing stroke, it will automatically reverse to full open position. After set open time, the door will begin to close at low speed. If the door encounters another blockage, power supply to the motor will be shut off. Doors will re-start after 15 sec. continuing to the full open position at low speed.

Security: An Electromagnetic Lock can be fitted quickly and simply. With power on, the lock remains in the open position / Power off, the doors become secure. For added security, when safety beams are fitted to the operator, they are not active when the door is at full closed position – therefore no person can gain unauthorised access when doors are locked.

Safety: An Emergency Battery or Anti-panic system can be fitted quickly and simply, to provide emergency escape in case of power failure. If the doors are fitted with an Electromagnetic lock, the battery will also power the lock to unlock and doors to open.

