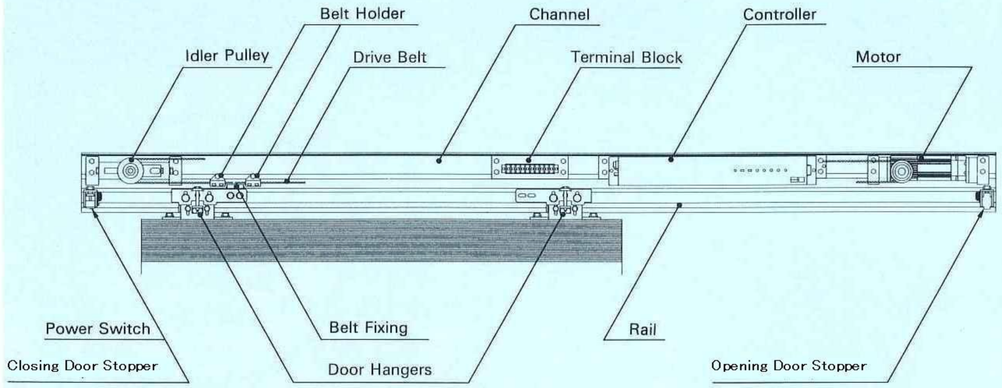
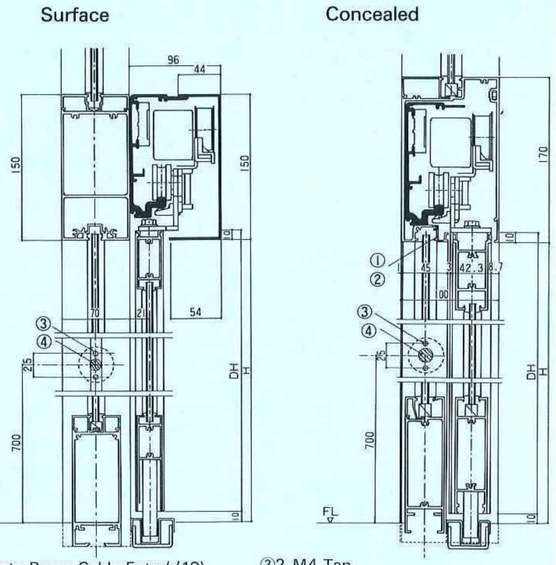
LAYOUT OF ENGINE COMPONENTS



SECTIONAL PLAN



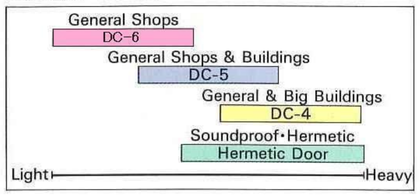
※①Safety Beam Cable Entry(φ10)
②Side Panel
③2-M4 Tap
④Hole (φ13) For Safety Beam

SPECIFICATIONS

	Single Sliding	Bi-Parting
Door Weight	80Kg x 1 or less	75Kg x 2 or less
Channel Length	2000mm	4000mm
Opening/Closing Speed	250mm to 500mm/sec. (Variable)	250mm to 450mm/sec. (Variable)
Channel	Common to Surface and Concealed	
Power Supply	AC 100V ± 10% 50/60 Hz	
Opening Suspension Time	0–10 Seconds (Variable)	
Electric Consumption	100W	
Insulation Resistance	10MΩ DC500V or more	
Dielectric Strength	For 1 minute at AC 1000V	
Driving System	40W Brushless DC Motor through Toothed Belt	
Manual Opening/ Closing Force	3Kgf or less	

＊Specifications are subject to change without prior notice.
＊Other voltage can be available (Option).

CHART OF APPLICABLE OPERATORS



FUSO ELECTRIC INDUSTRIAL CO., LTD.
3-10, 6 CHOME, MINAMI-SHINAGAWA
SHINAGAWA-KU, TOKYO 140-8676, JAPAN

PHONE NO. (03) 3474-1200
FAX NO. (03) 3474-5600

FC-005b2-9810-5000(T)

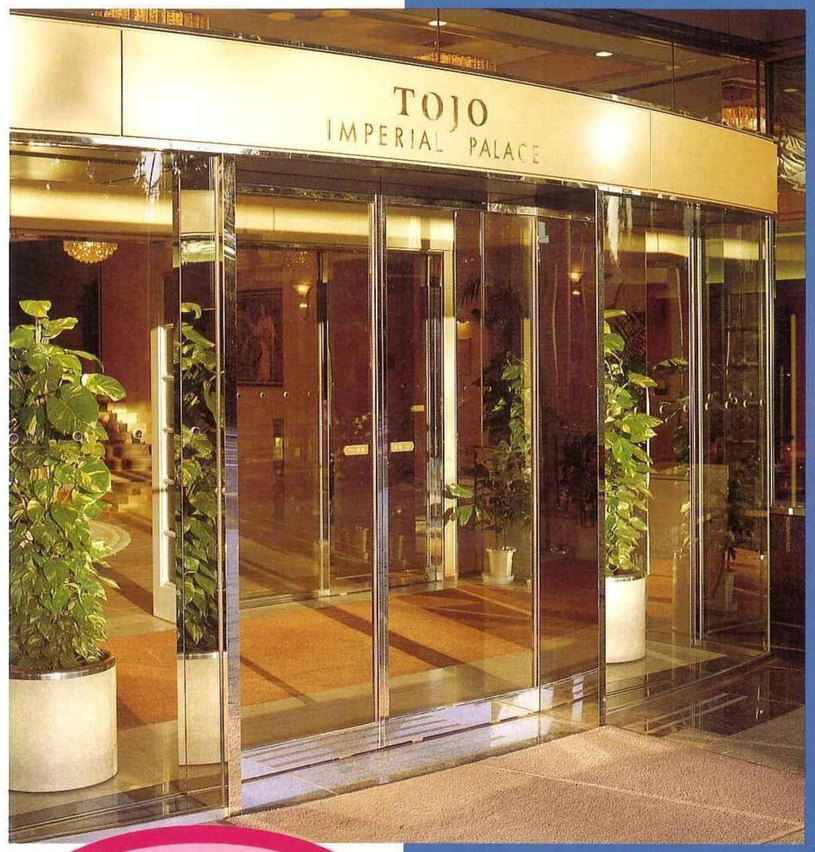
dream

QUIET AND POWERFUL
DC SERIES

FEATURING FULL RANGE OF
HIGH-TECH
FUNCTIONS

DC-5

SUPERB AUTOMATIC DOOR OPERATOR WITH MICRO PROCESSOR CONTROLLER AND DC BRUSHLESS MOTOR



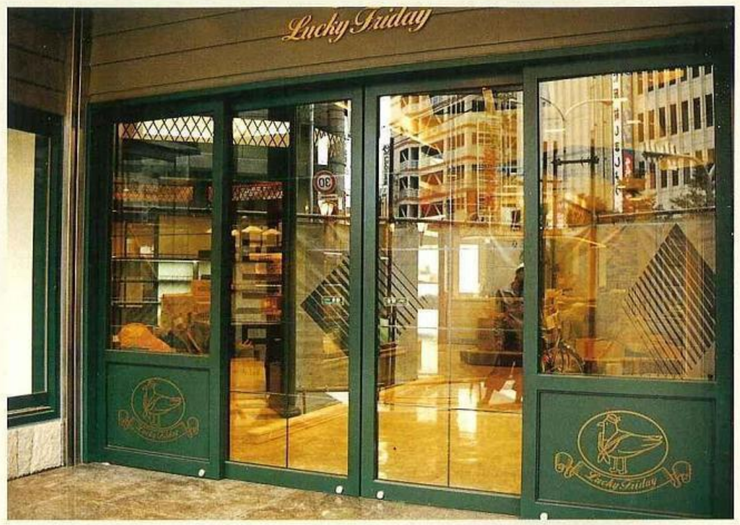
HIGH POWERED
MOTOR YET
EXTREMELY QUIET

FUSO ELECTRIC INDUSTRIAL CO., LTD.
TOKYO, JAPAN

NEW MAINTENANCE-FREE BRUSHLESS MOTOR

INCORPORATING A DC BRUSHLESS MOTOR

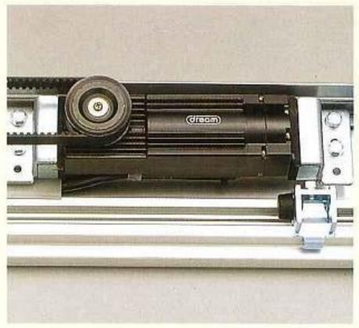
SAFE
VERY QUIET
RELIABLE
POWERFUL



DC-5 is a common type door system equipped with a brushless DC motor.
Its silent design is ideal for apartment houses and hospitals.
The system can handle highest-need 914 x 2134 tempered glass bi-parting door leaves.
The microprocessor controller is equipped with various intelligent functions, making door control steady.
A press closing function does not leave a gap in full closing, ensuring a high air-conditioning effect.
The system is equipped with a variety of features while pricing is economically reasonable.

1
DESIGNED FOR QUIET OPERATION

The use of a DC brushless motor achieves an extremely quiet operation, which is the most suitable for use in hospitals and apartments. The motor generates very little sound without a usual humming noise associated with braking or a noise created when the door edges are pressed to close.



2
PRESSURE CLOSING FOR EXCELLENT SEALING

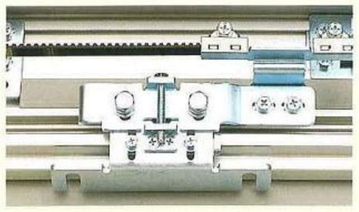
When the door is fully closed, a constant & firm pressure ensures perfect sealing between the two leaves. It is suitable for exposed situations, bringing in excellent energy saving for air-conditioned and heated areas.

3
ALUMINUM CHANNEL AND RAIL

The extruded aluminum channel and cover can be easily cut on site to the size in accordance with opening width exactly, eliminating unsightly gaps.
Two types of channels are available: one with channel & rail separate, other with channle & rail combined.

4
EXCELLENT DOOR STABILITY

The door hanging position is available at 120mm for both right and left door edges. Even a narrow door can travel smoothly and stably.
Each hanger incorporates fine adjustment for accurate installation.



5
MICRO PROCESSOR CONTROLLER WITH MEMORY

The distance where the door travels as well as the point where it brakes before fully opening or closing are all stored in the microprocessor. Even if the power is switched off, programming is stored. When the power is switched on, the door travels at the previously set speed without setting again.

6
CHOICE OF TWO CHANNEL TYPES

Two types of channels are available: rail&channel separate type and combined type. Both can be used for concealed and surface mounted types. It is possible to convert the separate type from the concealed type to surface mounted type by simply exchanging the rail. For the combined type, hanging brackets have to be repositioned.

7
STANDARD SAFETY FEATURES

When a person or obstacle is detected by the beam switch while the door is closing, the door reopens and stays there until obstruction is cleared off.
When the door hits agaist a person or a obstacle, it senses resistance and opens again.
If obstruction is not removed, the same action will be repeated three times, then the door will stay open so that the doorway can be cleared.
This is a standard feature ensuring the highest degree of safety.