

Swing Door Operators

The DFA127 Swing Door Operator system offers silent energy saving operation for all types of applications.

FULLY AUTOMATIC DFA 127FP

The universally installable, electro-mechanical operator is characterised by its advanced technology, its compact design and its especially quiet running.

The sophisticated technology allows complete control over the door swing movement using activation and safety sensors. With its small size and standard push or slide arms most types of installation can be accommodated.

Specially suitable for:

- The physically challenged in flats, hospitals and care/residential homes.
- High pedestrian traffic in public buildings.
- Administrative and Office Buildings.
- Restaurants and Hotels.

The door drive can be installed as:

- Single leaf standard door
- Double leaf standard door (continuous operator casing)
- Automatic door control system for fire and smoke protection barriers
- Use in escape and rescue routes
- Energy-saving mode – adjusted opening one or both door leaves



LOW ENERGY DFA 127LE

Low Energy Door Operator is ideal for disabled access in residential and corporate environments. This is a cost-effective solution for automating existing swing doors, and comprises a motor and closure mechanism with microprocessor controller, surface mounted to the door frame or door.

For disabled access, the most common means to activate the operator is via remote control or push button facility to open the door which will self close after an adjustable time delay. For able-bodied access, the optional power assist facility drives the operator open when the door is physically pushed or pulled, with the effect of making the door even lighter to operate.

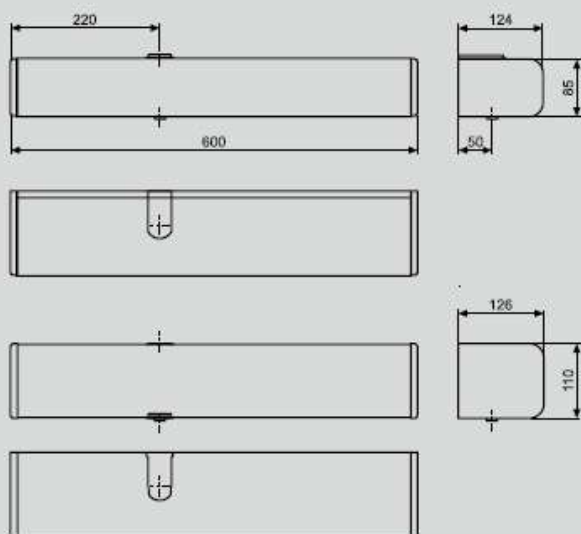
Specially suited to:

- Banks, Building Societies, Post Offices and commercial applications
- Special Needs Schools
- Retirement and Nursing Homes.
- The LOW ENERGY DFA 127LE is also suitable for the majority of applications described for FULL POWER.

Special advantages:

- Thanks to its gentle motion sequence, it generates a high level of confidence in people with slow reaction capabilities.
- No additional sensor technology necessary.

Technical specifications



Dimensions of the operator (H x W x L)	85 x 124 x 600 mm (110 x 126 x 600 mm)
Door closer size	EN4 – EN6 for standard arm and slide arm
Opening time / closing time	3 – 20 s / 5 – 20 s
Opening angle	70 – 115° (INVERS up to 95°)
Electrical power supply	230 VAC, 50 / 60 Hz, rated power 67 W
Consumption in standby mode	13 W
Noise level in operation	-18 dB (i.e. whisperquiet)

Operating modes with internal BDI operating switch

Automatic operation

Continuously open

Manual operation

Operating modes with BDE-D control panel with display (optional)

In addition to the standard modes

Locked

One-way traffic

Operation lock

Functions

Automatic reverse

Touch control (push and go)

Emergency exit, interlock control or 2-leaf doors

Customer-specific door parameters

Options

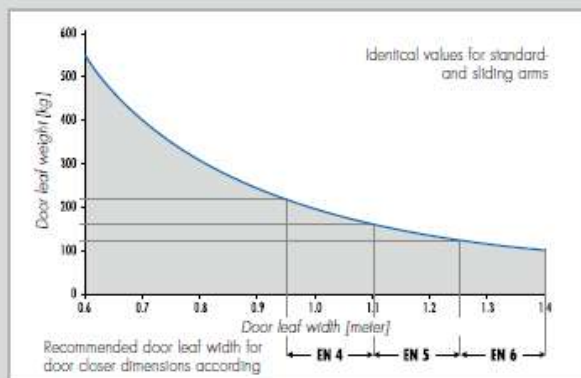
Electro-magnetic brake

Integrated mechanical sequential control

Two doors interlock function

Automatic door control system for fire and smoke protection doors

Can be networked with the record ADM Door Management System



Installation variants



Lintel installation

(1-leaf door)

Standard arm DIN left or right pushing



Lintel installation

(1-leaf door)

Slide arm DIN left or right pulling



Lintel installation

(2-leaf door, master / slave operation)

Two electrically coupled drives with standard arm pushing or slide arm pulling



Lintel installation

(2-leaf door with two-way traffic)

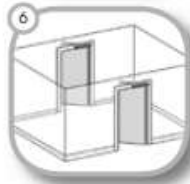
Alternating operation of two drives that are independent of each other



Door leaf installation

(1-leaf door)

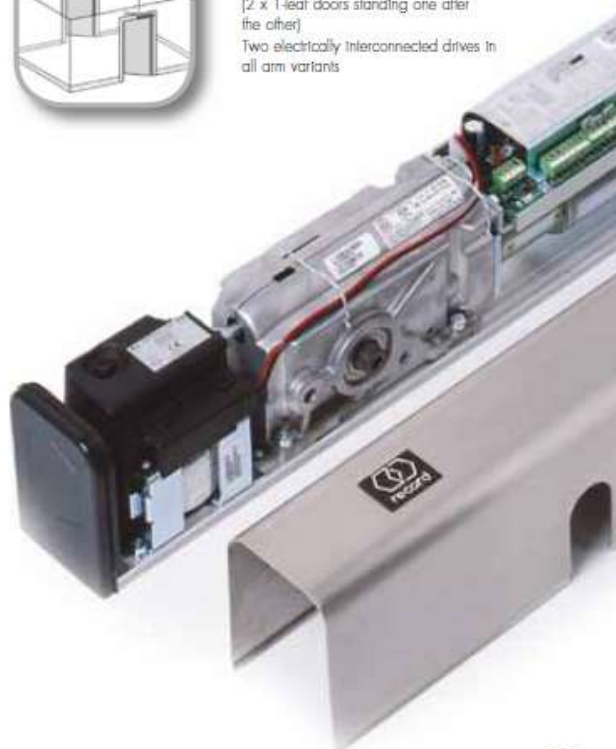
Arm and possible combinations such as lintel installations



Interlock operation

(2 x 1-leaf doors standing one after the other)

Two electrically interconnected drives in all arm variants



Integrated Access Limited • Hammerain House • Hookstone Avenue • Harrogate • HG2 8ER

T: 01423 561271 • E: enquiries@integratedaccess.co.uk • W: www.integratedaccess.co.uk

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