

record DFA 127

automatic drive system for swing doors



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record
your global partner for entrance solutions

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Brief Description

The record DFA 127 is a universal drive system for the automation of swing doors, characterised by sophisticated technology, compact design and a smoothness of operation for which record has become renowned. The focus on a broad range of applications makes it a full-fledged drive, suitable for widely differing requirements.

Its universal qualities are due to its electromechanical construction and modular design, enabling it to be visibly mounted to a variety of surfaces above a swing door entrance, or concealed in a ceiling cavity with an extended spindle for the connection arm.

When the swing door drive motor operates, it tensions a spring integrated in the drive housing. When the door closes, the energy stored in the spring is utilised, with motor assistance employed if required in high wind areas or for larger door panels.

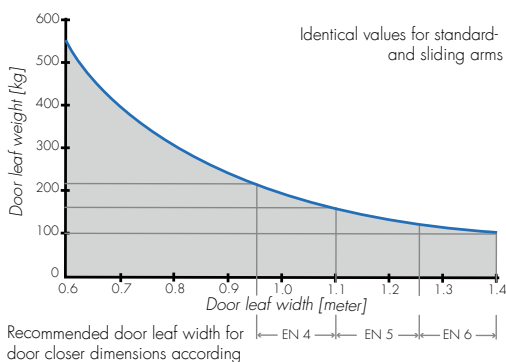
Drive Types

- full power: versatile and strong, optimised for the use of large, heavy doors in external applications.
- low energy: gentle and responsive, limiting the kinetic energy to allow the door to be used safely without infrared sensors.
- inverse: caring and safe, opening by spring force automatically with loss of mains power for free egress or smoke ventilation.
- fire: secure and reliable, when used with various fire protection profile systems to provide closure of a door in a fire emergency.

Features:

- operating modes: Automatic, Hold Open, Manual, Locked, Exit
- functions: Auto reverse, Push and Go, Emergency stop, 2 leaf synchronised operation, Interlock
- drive housing: stainless steel (standard) or aluminium.

Door Leaf Weights:



Compliance

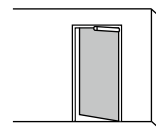
record DFA 127 operators meet the Building Code of Australia (BCA) requirements and are tested to stringent European standards DIN EN16005 (durability and safety).

record complies with the design, safety and functionality guidelines of the non-legislative Australian Standard AS5007:2007.

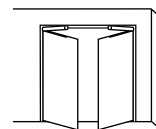
Technical Specifications

Dimensions (H x W x L)	85mm x 124mm x 600mm
Opening / Closing Time	3 - 20 sec / 5 - 20 sec
Power supply	230VAC, 50 Hz
Power consumption	67W Power mode, 13W standby
Operating angle	70° - 115°, INVERSE up to 95°
Protection rating	For use in dry locations only
Ambient temperature	-15°C to +50°C
Door closer size	EN4 to EN6

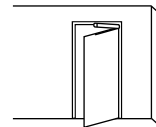
Operation Installation



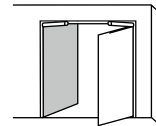
Lintel installation (1-leaf door)
Standard bars, DIN left or right, pushing; drive variant for pushing sliding bars available



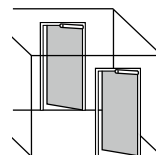
Lintel installation (2-leaf door, master/slave operation)
Two electrically coupled drives with standard arm pushing or slide arm pulling



Lintel installation (1-leaf door)
Slide arm DIN left or right pulling

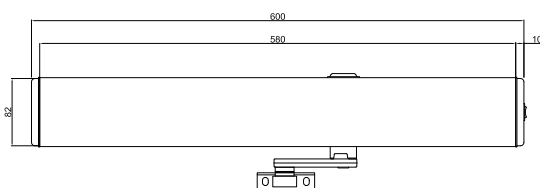
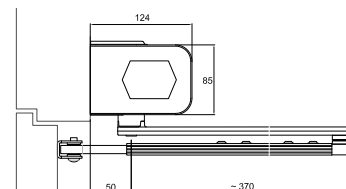


Lintel installation (2-leaf door width two-way traffic)
Alternating operation of two drives that are independent of each other



Interlock operation (2 x 1-leaf doors standing one after the other)
Two electrically interconnected drives in all arm variants

Drawings (V arm)



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