

ADSF UK LTD

OPERATORS & ACCESSORIES
FOR AUTOMATIC DOORS



we open for you
the doors

The Complete
Service to Industry



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BAT Swing Operators

The EVOLUTIONAL BAT models are electro-mechanical operators for pedestrian swing doors. They may also be used to automate already-existing swing doors, or in new installations. Their main characteristics are their durability and silent movement. They may be used for both interiors and exteriors and for double or single doors, and they may be mounted on either of the two sides, as their design makes them ideal for integration in any environment.

These models have numerous applications, particularly as private or public access points for disabled persons or premises with heavy traffic and limited space. They also provide excellent impermeability and consequently high energy efficiency, and they have a large and varied range of accessories geared to user safety.

The EVOLUTIONAL Operators have a wide range of functions that allow them to be adapted to every type of client's particular requirements. In addition to the habitual "Push & Go" doors, exit-only doors, etc., they are also equipped with features such as a wheelchair courtesy function or an automatic opening and closing power increase in case of wind. It also includes the possibility of increasing the opening hold time in heavy traffic situations, or of simply disabling automatic operation and using the door as a manual swing door when necessary.

INSTALLATION

Operators are easy to install.

- **Articulated arm** (opening in the opposite direction to the operator position). A minimum height of 120 mm is required for this installation mode.
- **Rigid arm** (opening in the same direction as the operator position). A minimum lintel height of 150 mm is required for this installation mode.

For low lintels, the operator may be fitted to the leaf itself. For double leaf swing doors, the two operators are connected by means of a cable, fitted to synchronise the "master-slave" system. A case with the same design as the operator to cover the gap between the two operators is also available.

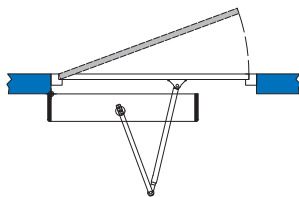
VERSATILITY

There are two versions of the BAT operators

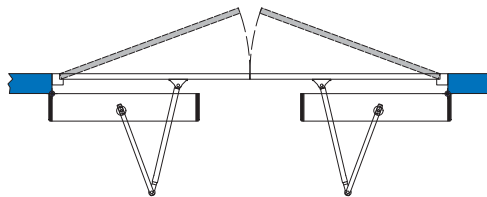
- BAT S1** Standard (Max Door Weight 120Kg)
- BAT L1** Heavy Duty (Max Door Weight 250Kg)

Electro-mechanical operators with motorised opening and spring closing.

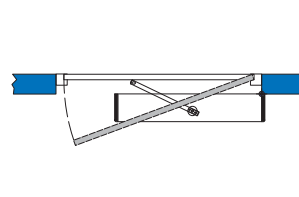
Pushing arm (single leaf)



Pushing arm (double leaf)



Pulling arm (single leaf)



TECHNICAL SPECIFICATIONS

	BAT L1	BAT S1
Power supply	230 vac	230 vac - 110 vac
Maximum weight per leaf	250 kg	120 kg
Maximum leaf width	1400 mm	1200 mm
Maximum opening angle	95°	95°
Casing dimensions	106 h x 120 d x 550 l	106 h x 120 d x 550 l
Power supply	75 w	50 w
Impermeability (IP)	IP22	IP22



ADSF ERREKA BAT SWING OPERATORS



STANDARD MOTORISATION

- 1 Gear motor
- 2 Control board
- 3 Power board
- 4 Transformer
- 5 Torsion spring
- 6 Pulley reducer system
- 7 Box section

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BAT SWING OPERATORS

TECHNICAL MENU		
PARAMETERS	MASTER	SLAVE
1) PUSHING FORCE AT THE BEGINNING OF THE CLOSING MANOEUVRE (with spring closing in BATL1/BATS1 models)	●	●
2) PUSH & CLOSE ACTIVATION DISTANCE	●	●
3) ACCELERATION STEP-UP WHILE OPENING	●	●
4) DELAY AT OPENING START AFTER ACTIVATION OF ELECTRIC LOCK	●	
5) END OF TRAVEL DISTANCE ON OPENING	●	●
6) MOTOR THRUST DISTANCE AT CLOSING END (in BATL1/BATS1 models)	●	●
7) PUSHING POWER AT END OF CLOSING MANOEUVRE	●	●
8) ASSISTED MANUAL OPENING SENSITIVITY (in BATL1/BATS1 models)	●	●
9) PUSHING TIME AT END OF CLOSING MANOEUVRE	●	●
10) SLOWING DISTANCE ON OPENING	●	●
11) SLOWING DISTANCE ON CLOSING	●	●
12) WINF STOP FORCE INTENSITY ON OPENING	●	●
13) WING DELAY ON START-UP IN OPENING PHASE	●	
14) WING DELAY ON START-UP IN CLOSING PHASE	●	

TECHNICAL SPECIFICATIONS

POWER SUPPLY	115/230Vac +/- 10%, 50-60 Hz
POWER	BAT S1 50W BAT L1 75W
POWER SUPPLY OF EXTERNAL ACCESSORIES	24Volt dc
MAXIMUM WEIGHT OF DOOR WING	BAT S1 120Kg BAT L1 250Kg
WORK TYPOLOGY	Intensive use
OPERATOR DIMENSIONS	550x120x110mm
WORKING TEMPERATURE	-20°C / +50°C
ELECTRIC MOTOR	24Volt dc With Encoder
PROTECTION DEGREE	IP32

