

TECHNICAL DESCRIPTION

Automated Folding Door Semi-automatic & automatic BATOR type AFT 2+2

25.03.2011 / UB

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SA au capital de € 20,000
SIRET 534 550 066 000 11
TVA FR38534550066
IBAN FR76 1760 7000 0170 2117 2459 113
SWIFT (BIC): CCBPFRPPSTR

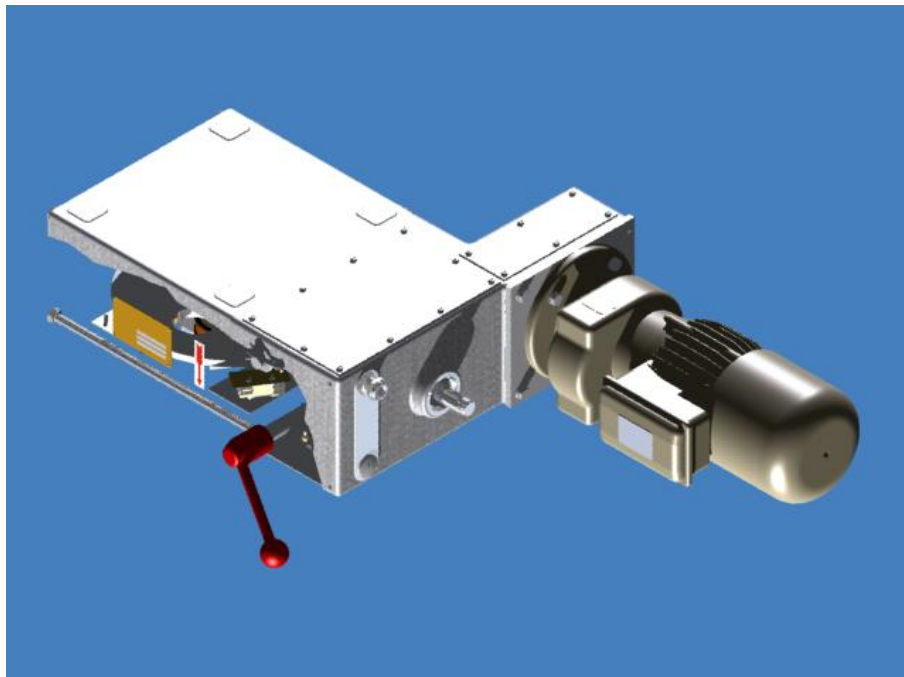
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DESCRIPTION OF THE MOTOR

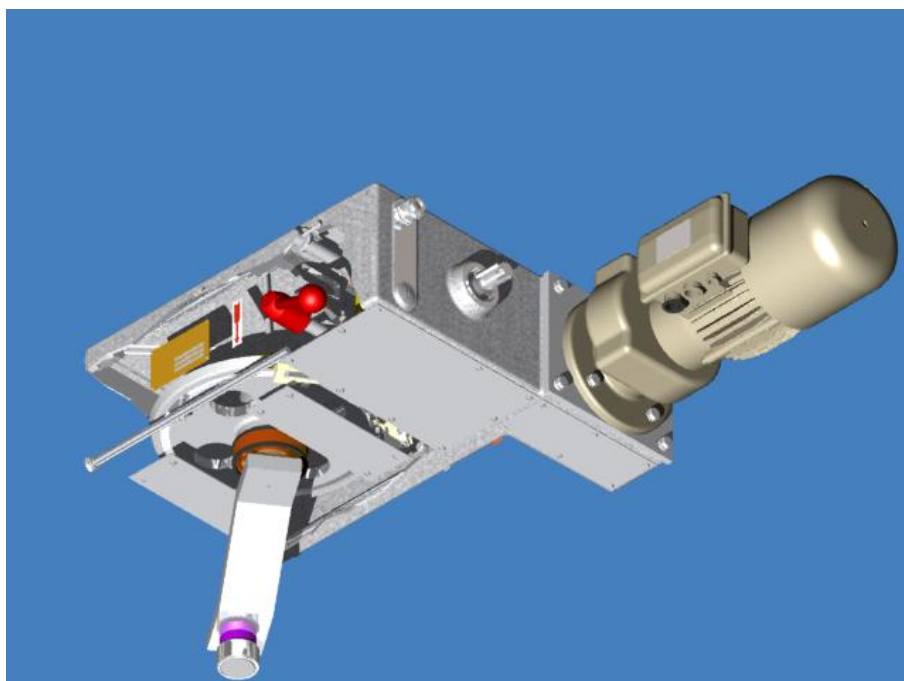
CONTROL PANEL :

- > Control Panel type MODULIS 3 (impulsion), 1 motor 0,18 KW with frequency converter (optional)
- > Standard equipment 1 center-break disconnecter, 1 display, 1 push button « open », 1 push button « close », 1 button « emergency stop », 1 rotary control 2 positions for keeping the door open (for maintenance purposes)
- > Supplemental terminal clamp for : power cables, photo cells, lighting grids, floodlight, flash lights 230 V, control signal for heating / cooling device when door is closed
- > Terminal clamp for safety edges (active) and end-switches
- > Version frequency converter : Additional terminal clamps for power feeding the motor, pre-end switches slowing down the speed. Exit power: 230V for cabling of the motor breaks
- > Power requirements : 3 x 380 V tri-phase + Earth + Neutral, situated at the inner side of the building close to the place, where the control panel is to be installed. Protection of the power cables : for each door differential 300 mA, line 1500 VA
- > 1 photo cell (safety measurements)
- > At each control panel : information is available : Door is open ; door is closed ; standard

DETAILS OF THE MOTOR AND GEAR BOX



View from top
Gear box



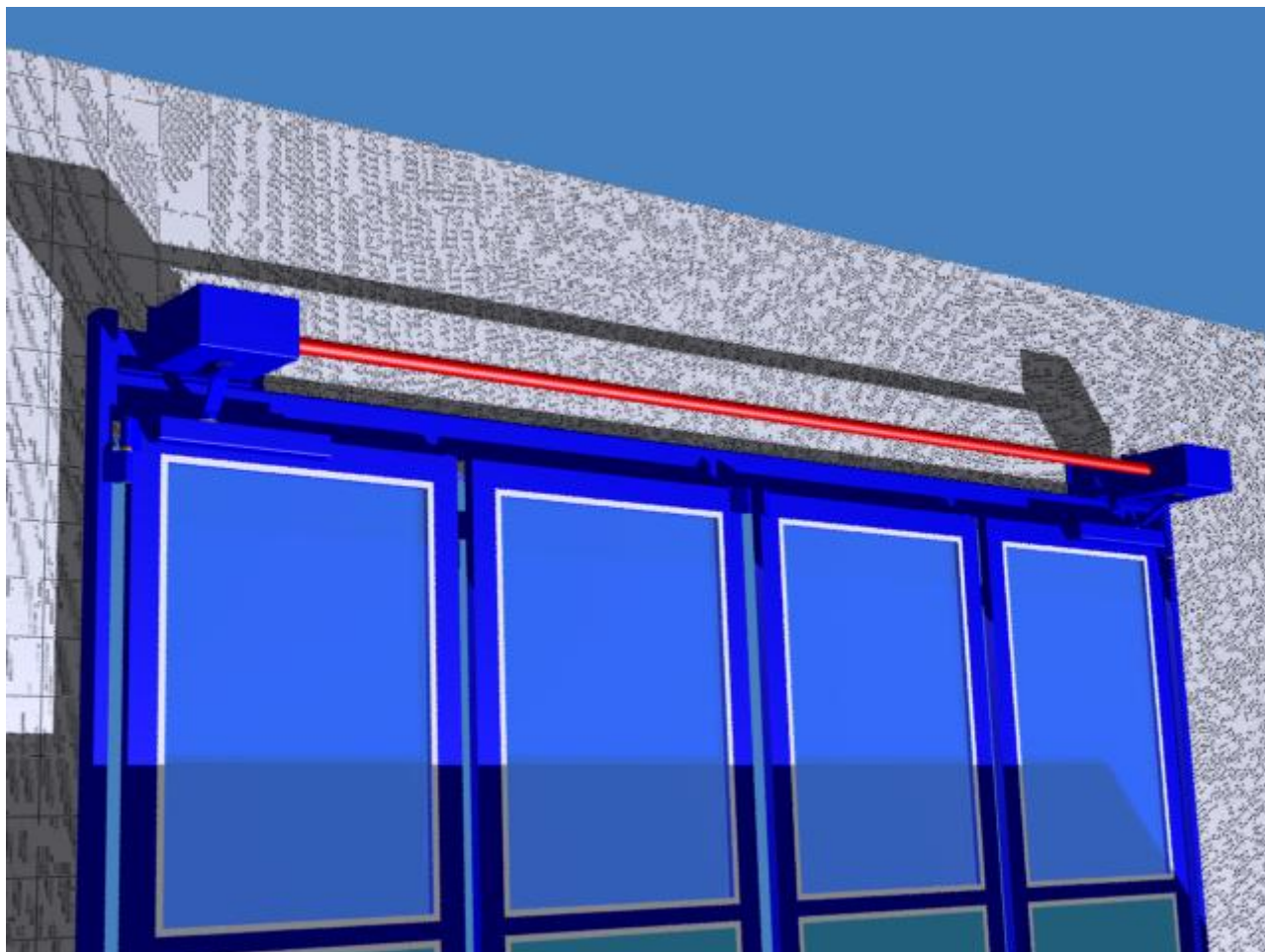
View from below
Gear box

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Overall view of the motor and transmission gear shaft

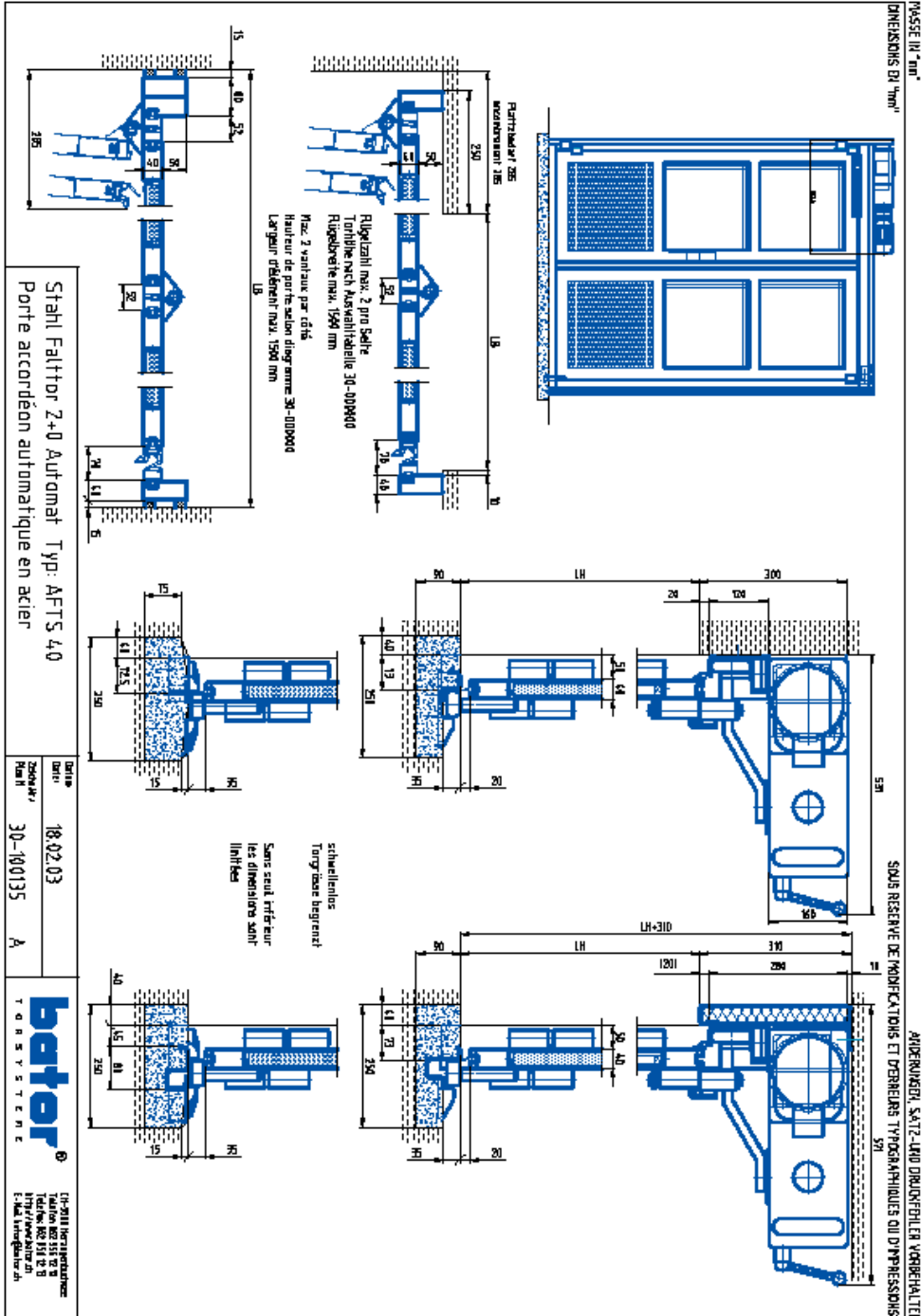
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Détail technique de la motorisation

Frequency of the motor : 14/28 rotation
Gear reduction : $i = 51,03$
Arbor of transmission : $D = 20 \times 40$ mm length
Type of construction : B5F with flanc 160 mm

With motor tri-phase

Motor rated power : 0,12 / 0,18 kW
Frequency of rotation : 650 / 1380 rotations
Tension : 400 V D/YY
Frequency: 50 Hz
Class of isolation : F
Protection : IP 55

With 5 screws

Motor housing / connector at 4/I
Break : 5 Nm, 230 V WS – 205 V GS
Surface treatment : RAL 5010
Weight : env. 14,000 kg