



smart PRO

SWING DOOR OPERATOR

smartPRO is the new swing door operator designed by Sesamo to simplify installation and commissioning. It is produced with innovative mechanical solutions that guarantee an intensive use and a long life duration.

The limited number of internal mechanical parts combined with the electronic control unit which collects the synthesis of know-how of Sesamo in the design of operators for automatic entrances, guarantee maximum standards of reliability and full compliance with the European Standard EN 16005.

The most important and innovative part of the operator is the transmission, made by a motor gear reducer, already used with success in other Sesamo products, combined with a single reduction stage realized with a sealed lubrication roller chain (self-lubricating).

This solution allows long life and no maintenance.

The system is completed by a mechanical energy accumulator made with a special and innovative belt spring tested to guarantee more than one million opening and closing cycles.

The mechanical solutions of the product ensure a high level of closing torque, quiet operation and low weight.

The installation and initial set-up, in addition to the classic setting by buttons and on-board displays, could be simpler by using the new programmer or alternatively by the use of the new Sesamo App dedicated to the installer.

The particular shape of the end caps allows the positioning of the connection cover between two operators without any additional accessory.

Thanks to its small size and essential lines, **smartPRO** is suitable to any type of entrances even to the most demanding architectural solutions.

The multiple possibilities of setting provided by the microprocessor, make this operator a favorite solution for automatic swing doors applications or as an upgrade of existing manual doors.

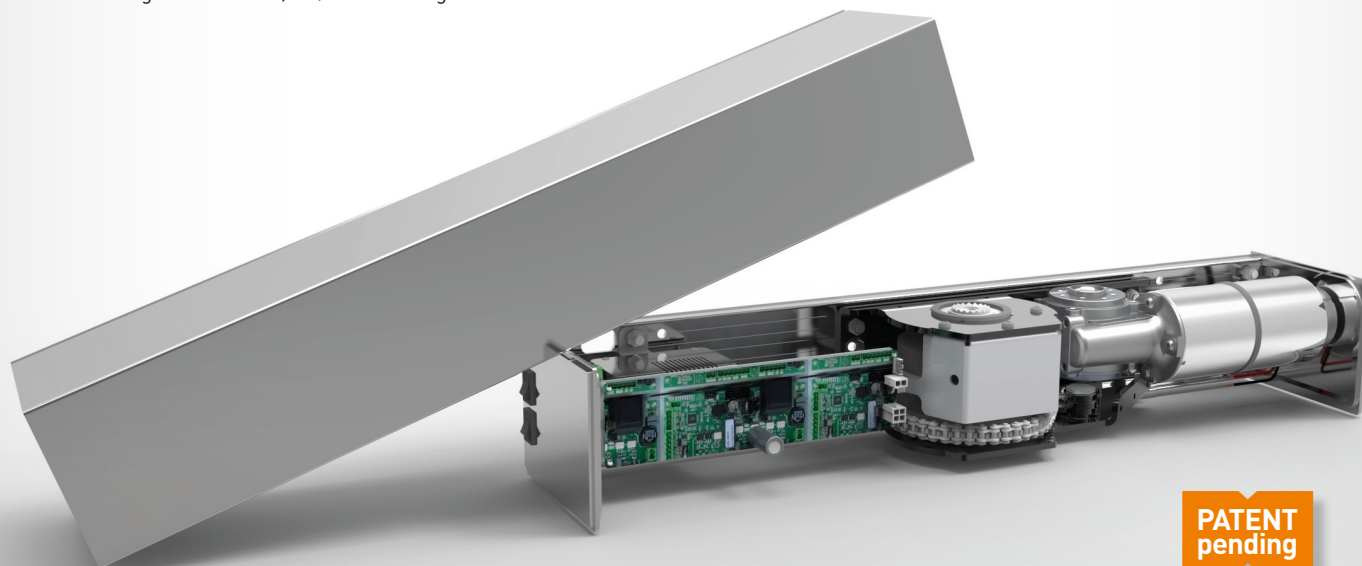
smartPRO can be a solution for doors designed specifically for use in automatic mode, a disabled entry or an emergency exit.

Particular solutions in the design phase of the electronic control unit together with the switching power supply allow a reduced consumption of energy when the night mode is activated.

The operator can be also set in low energy mode.

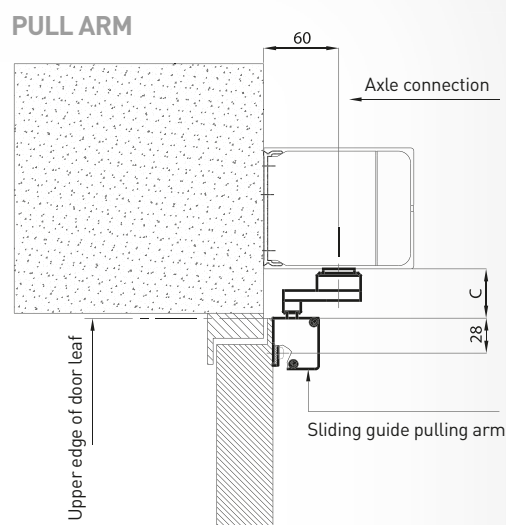
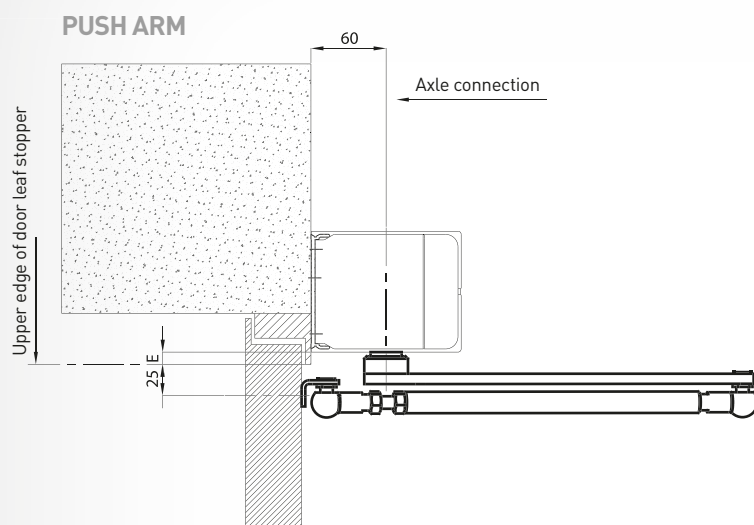
TECHNICAL FEATURES

- Possibility to connect electric locks and locking devices with different power supply
- Spring in high strength harmonic steel, life of more than one million complete opening/closing cycles
- Set-up and commissioning directly on control board by use of push buttons and display
- Possibility to use different model of program switches and smartphone application
- Transmission system with self-lubricated chain without maintenance
- PUSH & GO and Interlock
- Sensor predisposition on CAN
- Integrated switches, ON/OFF and 3 logics



**PATENT
pending**

INSTALLATION OPTIONS



Arm extension

L = 30 mm (Standard welded to arm)
L = 50 mm
L = 70 mm
L = 90 mm

Value E

12 mm
32 mm
52 mm
72 mm

Arm extension

L = 30 mm (Standard welded to arm)
L = 50 mm
L = 70 mm
L = 90 mm

Value C

42 mm
62 mm
82 mm
102 mm

TECHNICAL SPECIFICATIONS

POWER SUPPLY	230 V AC 50/60 Hz +/- 10 %
RATED MOTOR POWER	85 W
DIMENSIONS (W x H x D)	587 x 95 x 120 mm
DOOR LEAF WIDTH	600-1400 mm
MAX. DOOR LEAF WEIGHT	140 Kg
MAX. OPENING ANGLE	110°
LOCK VOLTAGE INPUT	Direct 12/24V DC
CLOSING FORCE	EN 3 - 6
OPERATING TEMPERATURE	-10°C + 55° C
WEIGHT OF OPERATOR	9 Kg
FUNCTION	Continuous service
PROTECTION CODE	IP40

CERTIFICATIONS Electromagnetic compatibility directive EMC 2014/30/UE • Low tension directive LVD 2014/35/UE • Machine directive 2006/42/CE • Norm EN 61000-6-2 / EN 61000-6-3 - Norm EN 60335-2-103 - Norm EN 13849-1 / EN 13849-2 • EN16005 - Category=2 - PL= "c"



Strada Gabannone, 8/10 • 15030 Terruggia (AL) ITALY
Phone: +39 0142 403 223 • Fax: +39 0142 403 256
info@sesamo.eu • www.sesamo.eu



Management
System
ISO 9001:2015



www.tuv.com
ID 9105038848