

SERVOLATCHES

SM50

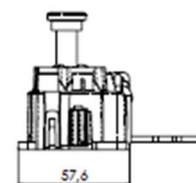
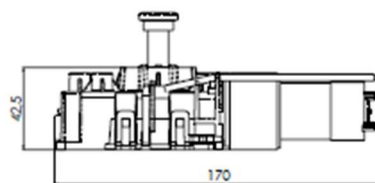
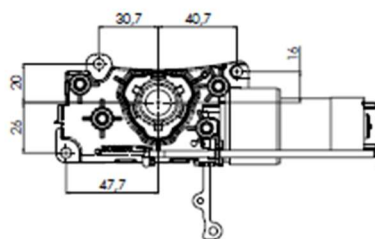


DESCRIPTION

The motorized locked **SM50** is an electromechanical device designed to ensure door locking and is the result of **METEOR**'s experience in other applications, such as the medical sterilizers and professional washing sectors

Integrated into the machine by means of the door pin that detects the door's presence and through the activation of 3 jaws and microswitches (PULL-IN FUNCTION), this servo-latch enables controlled opening and closing, preventing tampering and unauthorized access. The structure is compact and made almost entirely of high-strength plastic (IXEF), with components in die-cast aluminium and nickel-plated steel, suitable for operating temperatures ranging from -10°C to 55°C.

Door presence detection is integrated into the lock (**DOOR DETECTION SYSTEM**).



PERFORMANCE OF DC STD MOTOR

OPERATING TEMPERATURE	-10°C + 55°C
POWER SUPPLY	12V - 24V
MAX ABSORBED CURRENT WITH OUT LOAD	60mA
MAX ABSORBED CURRENT WITH LOAD	250mA
SPEED	2,5 Rpm
MAX TORQUE	300Ncm
GEARS (REDUCER)	plastic

MECHANICAL DATA

TOTAL TRAVEL JAW HOLDER	6,4 mm
CYCLE TIME	5 s
PRE CLOSE FORCE	35/55 N
MAXIMUM CLOSING FORCE	400 N
LOCKING FORCE	800N

SWITCHES

SWITCHES [TYPE SUB MINIATURES]	200V-120V-24V 0,1A
OPERATING TEMPERATURE	-40°C +120°C
SUPPLY	250V - 120V
VOLTAGE (NOMINAL)	0,1 A

ADANTAGES

- COMPACT SYSTEM
- SILENT MOTORIZATION
- HIGH PRECISION CONTROL
- EASILY INTEGRATED WITH SMART SYSTEMS
- RELIABLE IN APPLICATIONS REQUIRING HERMETIC SEALING
- IN ACCORDANCE WITH THE NEW SAFETY RULES.

We move ideas