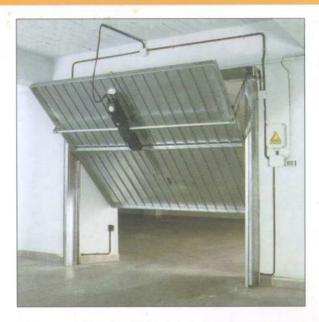
GARAGE - DOORS OPERATORS



Operator singlephase for balanced overhead Garage-Door.
Surface max. 8 sq. ,every motor.





The safety and the durability of the products are assured by a careful project and a best components in conformity to the Standards.

AVANTAGES

- COMPACT AND EASY TO INSTALL: with the robust Fixation's plate and the galvanized pipes bushing.
- VERSATILE: AUTOLOCKING or REVERSIBLE TYPE.
- EMERGENCY MANUAL RELEASE: by fast lever with the possibility to operate by an external device.
- LONG DURABILITY: by a long-life lubrication and the motor protected against overheating and the levers and pipes full galvanized.
- SAFETY: Control -box with torque adjuster and timer of cycle.
- VERY CONVENIENT: Carter ABS with lighting.



ACCESSORIES



- A- Long-plate mm. 1.250
- B- Pipes with bushing mm. 2.000
- B1- Pipes bearing diam. 30
- C- Straight arm mm. 600
- D- Bent arm mm. 550
- E- Grooved bushing
- F- Sham-lock to install to the door for the external manual-release
- G- Manual-release by cable
- H- Kit Limit-switches
- L- Wire spiral 2x1
- M- Wire spiral 4x1

20 160 100 180 8 25 6 21×20 8 25

DIMENSIONS WEIGHTS AND CHARACTERISTICS

Туре	REVERSIBLE	AUTOLOCKING
Motor 230 V	900 T/min; 230 Watt	1.400 T/min; 230 Watt
singlephase;	Capacitor 12,5 µF	Capacitor 12,5 μF
50/60 Hz	1 Ampere.	1 Ampere.
Reduction ratio	1/411	1/822
Rotation-speed	2.2 T/min	1,7 T/min
Lubrication	Grease	Grease
Rotative limit switch	Optional	Optional
Temperature exercise	-20 +60 °C	-20 +60 °C
Utilization	Intermittent 35 %	Intermittent 35 %
Torque max.	150 Nm	200 Nm
Thermoprotector Interv.	130°	130°
Insulation	Class F	Class F
Protection	IP 45	IP 45
Weight	14 kg	14 kg

WARNING: Use Control-box with torque-adjuster and install the safety-devices following the Standard.

TYPES OF DOORS

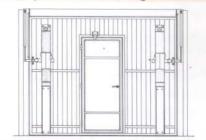
Classic



Articulated

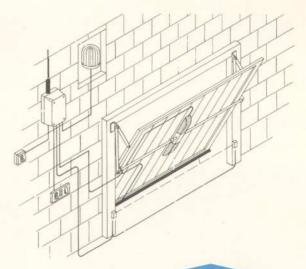


With pedestrian swing-door



INSTALLATION

Purely indicative example of installation





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