

BOSS

IRREVERSIBLE OPERATOR
FOR UP-AND-OVER GARAGE DOOR



- advanced electronics, all complying with EN norms.
- led lighting instead of tungsten bulb: first in the world.
- automatic self-adjusting of the torque in every cycle, in order to allow for frictions arising during the time and reversing the travel also in case of impact during slowing down, according to Norms specifications.
- complying with EN12453 impact norms, it allows you to make an installation complying with EN13241 norms, without using safety strip, provided the garage door is balanced.
- 24V motor with selectable adjustment by a trimmer of opening and closing speed.
- push command step by step (open, stop, close, stop, ...) on outside casing as standard feature.
- outside fast and convenient electronic programming and remote storing with operator already fitted and closed, by using one push button outside the casing.
- tubular shaft passing through the operator, for a faster, economical and welding-free installation.
- with batteries charger group ACG4663 and batteries ACG2246 (optional), in case of black out it is possible to operate up to 50 consecutive cycles with 1 operator, and up to 27 consecutive cycles with 2 operators.
- Internal gearings are made of C40 steel, aluminium and bronze, no plastic, nylon or Teflon. In addition, in order to eliminate internal gap and to get more elasticity for protecting mechanics from shocks, BOSS operator is endowed with a special internal belt (patent n. 0000267203) that makes the travel always very quiet, safe and stable.

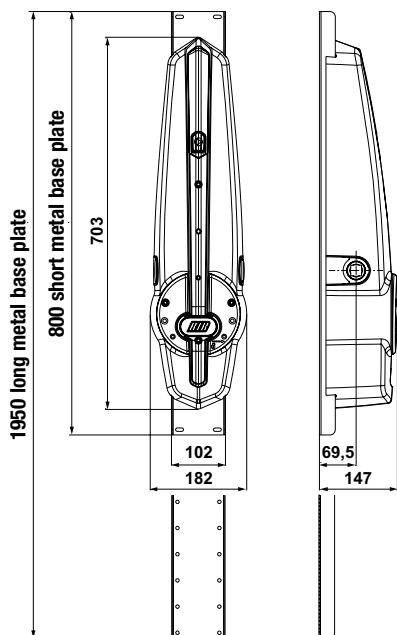
FOR UP-AND -OVER GARAGE DOORS BALANCED WITH COUNTERWEIGHTS

AA40833C	BOSS 230V MASTER	(with pc board)	(needs fixing plate)
AA40836C	BOSS 230V SLAVE	(without pc board)	(needs fixing plate)
AA40840C	BOSS 24V MASTER	(with pc board)	(needs fixing plate)
AA40846C	BOSS 24V SLAVE	(without pc board)	(needs fixing plate)

IP44 version also available for an extra 20 €

GAR0060 Warranty extension 4 years for BOSS

GAR0061 Warranty extension 7 years for BOSS



TECHNICAL DATA		BOSS 24V		BOSS 230V	
		MASTER	SLAVE*	MASTER	SLAVE*
Max door surface	m ²	9	12	9	12
Max door width	m	3	6	3	6
Max. torque 1 motor	Nm	350			
Opening Time		15 ÷ 23s		20 s	
Power supply		230V		230V	
Motor capacity		24V GS		230V WS	
Power of 1 motor	W	55		256	
Main line absorption	A	0,6	1,2	1,4	2,8
Daily cycles suggested		36			
Service	%	80	50	30	30%
Nr of consecutive cycles guar.		36	36	36	36
Actuator weight	kg	9,5	8	10	9,5
Protection grade	IP	30			

* To be paired always to BOSS MASTER

Dimensions in mm

ACCESSORIES FOR BOSS



ACG8189 Metal base plate
L = 0,8 m
for automated up-and-over applications



ACG8188 Metal base plate
L = 1,95 m
for not automated up-and-over applications



ACG8714 SET SPACERS FOR BOSS
To be installed between the base plate and the surface of the door to allow the passage of electrical cables



ACG8722 Pair of CURVED TELESCOPIC LEVERS
Should be mounted when there is less than the 15 mm minimum space guaranteed between the moving part of the door and the exterior door frame containing the counterweight.



ACG8720 Pair of STRAIGHT TELESCOPIC LEVERS



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ACCESSORIES FOR CENTRAL APPLICATION



ACG8710 Transmission tube
L = 3 m
for BOSS MASTER



ACG8725 Corner track block auxiliary parts
for BOSS MASTER

ACCESSORIES FOR LATERAL APPLICATION OF 1 BOSS MASTER+1 BOSS SLAVE



ACG8715 Corner track block

ACCESSORIES FOR RELEASE



ACG8730 Internal cord release device



ACG8734 Internal cord release device for 2 BOSS



ACG8732 External release with customised, individualised key

ACCESSORIES FOR BOSS 24V



ACG4663 Battery charge card
for BOSS 24V MASTER



ACG2246 Box with batteries
for BOSS 24V to move the door during a black-out