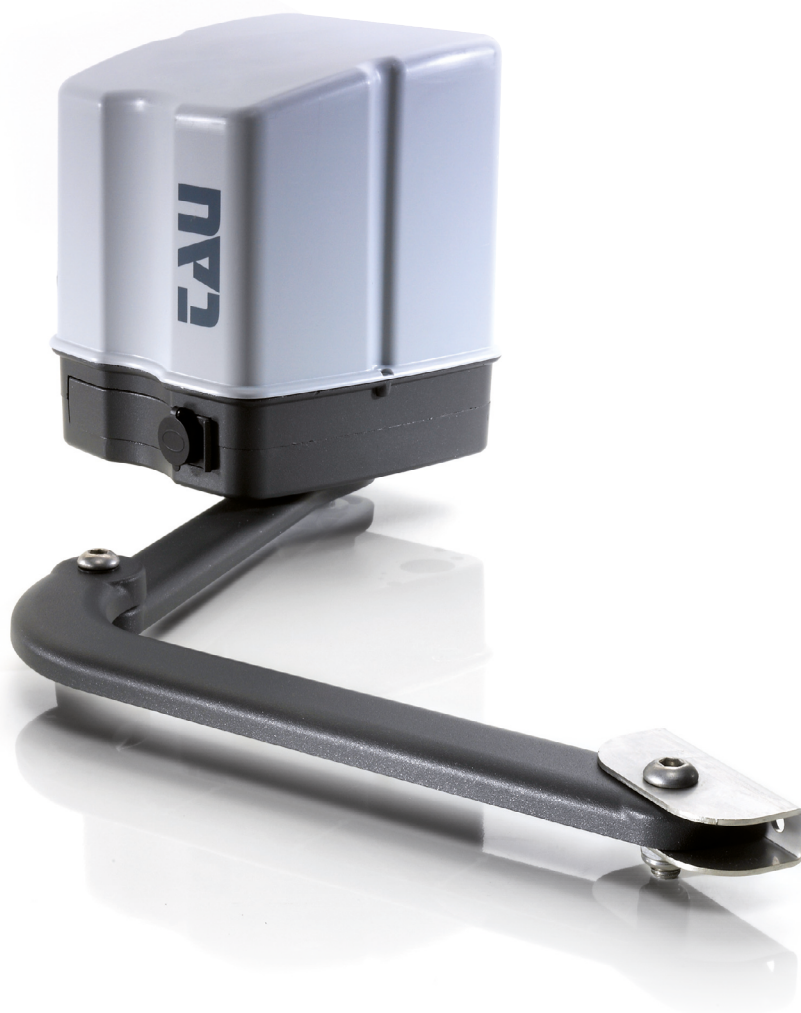
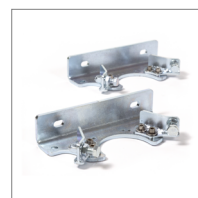


**K-650EASY12DX - K-650EASY12SX**

DC right or left operator with encoder complete with hinged arm. Max. gate leaf 2,3 m.

K-650EASY12QRDX - K-650EASY12QRSX

DC right or left operator complete with built-in control unit, rolling code radio receiver and hinged arm. Max. gate leaf 2,3 m.



Accessories for EASY series
Page 104 - 105



Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights
Page 232



AVAILABLE

MADE IN
ITALY

FEATURES:

- residential use
- for gates leaves up to 2,3 m
- low voltage DC gate operator
- optical encoder technology
- electromechanical motor

PROS:

- compact size
- ideal for big posts
- obstacle detection and crush prevention
- in accordance with EN 12453 standards
- works even during power outage thanks to the optional backup battery
- fast operating speed
- intensive use, ideal for use on apartment buildings and public entrances
- external emergency release available (optional, P/N P-650ESE)
- auto-learning of the gate stroke through optical encoder



MANUAL RELEASE

Easy-to-operate manual release with key lock for the less skilled users. Optional external emergency release device.



ELECTRONIC CONTROL UNIT

Protected electronic control unit built-in the motor complete with radio receiver.



OPTICAL ENCODER

Obstacle detection and anti-crushing safety ensured by the optical encoder. The encoder also manages the deceleration in the closing and opening phases and the adjustment of the gate stroke which doesn't require a limit switches.

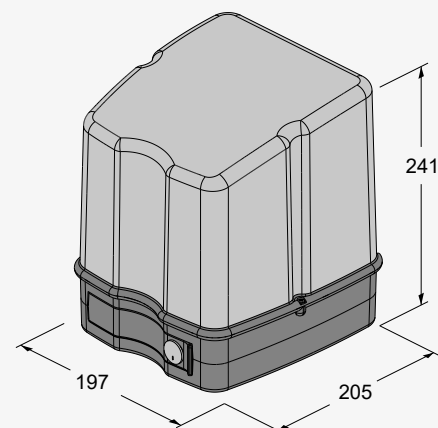


MOTOR

Low-voltage gearmotor, silent and suitable for intensive use.

Technical features	EASY12	EASY12QR
Power supply	230 V AC (50 - 60 Hz)	
Motor power supply	18 V DC	
Open circuit voltage	0,5 A	
Power rating	120 W	
Opening time 90°	13 s	
Duty cycle	100 %	
Operating temperature	-20° C ÷ +55° C	
Motor thermal protection	-	
Degree of protection IP	IP 44	
Electronic control unit	-	D749MA
Gearmotor weight	6,7 Kg	9,6 Kg

TECHNICAL DRAWINGS





EASY KIT

WITH KEY SELECTOR

KIT composition:



ARTICULATED ARM
OPERATOR



P-900VLED



P-900OPTIC



P-300TKEY + P-300TSL



P-250K-SLIMRP



C-CRT

MODELS IN: **DC** MOTOR

KIT	MODEL	MAX. GATE LEAF	CONTROL UNIT	ENCODER	ARMS INCLUDED
K-EASYKIT03CL2	P-650EASY12	2,3+2,3 m		●	1 RH (right hand)
	P-650EASY12QR	2,3+2,3 m	P-750D749MA	●	1 LH (left hand)



EASY KIT

WITH TWO TRANSMITTERS

KIT composition:



ARTICULATED ARM OPERATOR



P-900VLED



P-900OPTIC



P-250K-SLIMRP



P-250K-SLIMRP



C-CRT

MODELS IN: DC MOTOR

KIT	MODEL	MAX. GATE LEAF	CONTROL UNIT	ENCODER	ARMS INCLUDED
K-EASYKIT03CL2	P-650EASY12	2,3+2,3 m		●	1 RH (right hand)
	P-650EASY12QR	2,3+2,3 m	P-750D749MA	●	1 LH (left hand)

ACCESSORIES

COMMON ACCESSORIES



P-650KITCEASY
"Easy" mechanic limit switches kit (2 pcs - 1 limit switch per gearmotor)



P-150KITBAI
Easy arm joint for sloping doors



P-650BRCE1
Straight arm with driving track



P-700BAP
Gate stopper for heavy leaves



P-700BAP1
Gate stopper for light leaves



P-700BAP2
Gate stopper wall/floor mount



P-650ESV1 / P-650ESV2
Vertical electric lock recommended for leaves longer than 3 m (1=LEFT - 2=RIGHT)



P-650ES1 / P-650ES2
Horizontal electric lock recommended for leaves longer than 3 m (1=LEFT - 2=RIGHT)



P-650ESE
External emergency release device with tamper-proof housing and 5 m cable



P-900TOWERF
Photocell standard mounting post, painted aluminium, 49 cm, with removable cover for easy installation and photocell adjustment



P-750COL
Control unit mounting post



P-650CVS
Curved manual lock



P-200KBE
Back-up battery kit



P-250BLUEWAY
Multi-function TAU interface connecting TAU control units to a smartphone or PC via Bluetooth, enabling the configuration and management of control units and radio memories through TauApp 2.0

NEW



P-250T-CONNECT
Ethernet + Wi-Fi device - to enable through Tau Open 2.0 application, the use of the smartphone remotely, to open/close and check the status of the gate



M-030000CC50
Multicore cable (2 x 2.5 sq.mm + 3 x 0.5 sq.mm)

⚠ Use only M-030000CC50 cable or equivalent

18/24 VOLT ACCESSORIES



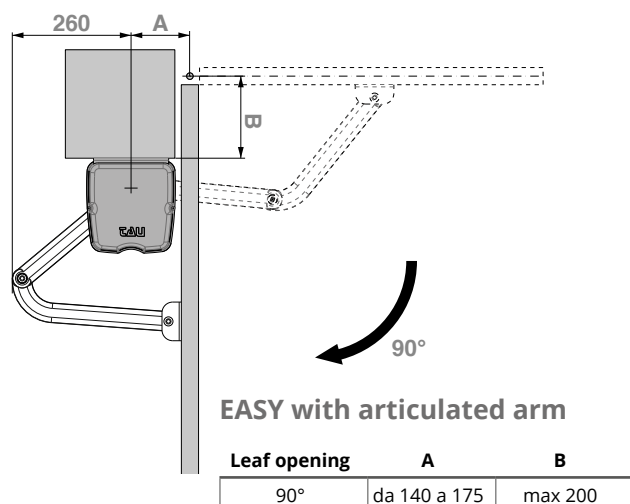
P-750D749MA
Electronic control unit for one or two DC gate operators with encoder, complete with 433,92 MHz rolling code radio receiver, battery charger, transformer and enclosure



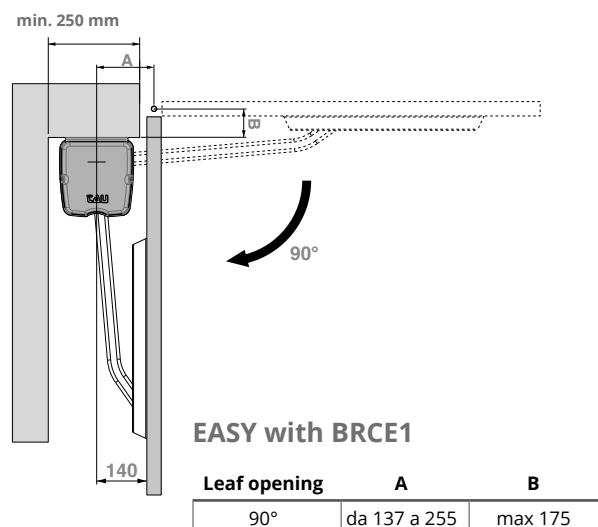
P-750D749MA-R
Electronic control unit for 1-2 DC fast operators with encoder, complete with 433,92 MHz rolling code radio receiver, battery charger, transformer and enclosure

INSTALLATION SIZES (MM)

EASY - Installation (mm)

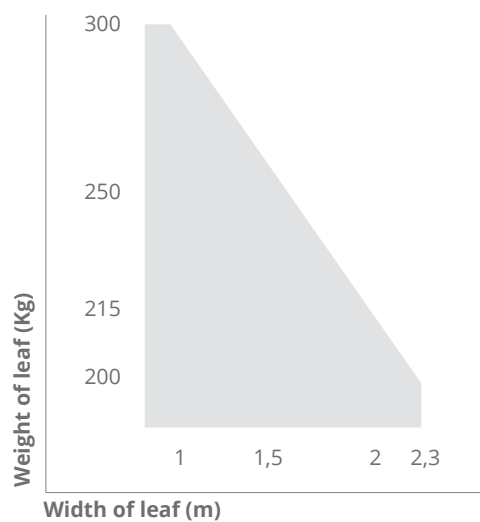


BRCE1 - Installation (mm)



LIMIT TO USE*

If the leaves are closed or less than 50% open, and the gate is installed in windy areas, the indicated lengths must be reduced by 50%.



Use and maintenance manuals



EASY



D749MA



D749MA-R