



P-650ARM3000BI

Irreversible DC electromechanical covered screw gate operator with encoder and mechanical opening and closing stops. Max. gate leaf 4 m.

P-650ARM3000IFC

Irreversible 230 V electromechanical covered screw gate operator with opening and closing electrical limit switches. Max. gate leaf 4 m.



**Accessories for
ARM3000 series**
Page 62 - 63



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

FEATURES:

- residential/apartment building use
- for gates leaves up to 4 m
- covered screw gate operator
- brackets to be welded, included
- adjustable mounting brackets (optional)
- bronze lead nut for strength and silent operation
- electrical connections are easier thanks to the larger upper space
- manual release with key lock
- quick and easy installation

18 V PROS:

- low voltage DC gate operator
- auto-learning of the gate stroke through optical encoder
- 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
- soft start and soft stop
- intensive use, ideal for use on apartment buildings and public entrances

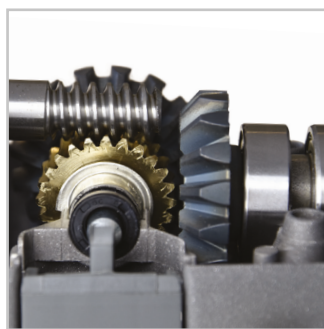
230 V PROS:

- 230 V gate operator
- built-in capacitor
- high torque and power
- suitable for gates with mechanical operating issues



FLUID MOVEMENT

The quintuple-threaded worm screw is completely made of steel with a diameter of 20 mm to guarantee durability and high performance.



MECHANICS OF EXCELLENCE

All gears are made of metal and are assembled with high quality, double-shielded ball bearings to achieve absolute precision between their axes.



DOORS OPENING UP TO 107°

Thanks to the versatility of the optional multi-hole brackets, the installation is remarkably simplified and it is possible to reach a considerable degree of leaf opening up to a max. of 107°.

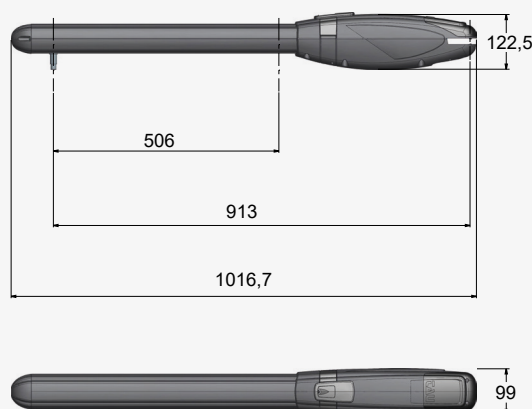


STABILITY X 2

The high quality double bearing ensures greater mechanical stability by reducing jolts.

Technical features	ARM3000BI	ARM3000IFC
Power supply	230 V AC (50-60 Hz)	230 V AC (50 - 60 Hz)
Motor power supply	18 V DC	230 V AC
Open circuit voltage	1,1 A	1,5 A
Power rating	120 W	350 W
Opening time 90°	13 s*	21 s*
Duty cycle	100 %	36 %
Operating temperature	-20° C ÷ +55° C	-20° C ÷ +55° C
Motor thermal protection	-	160° C
Degree of protection IP	IP 44	IP 44
Stroke length	506 mm	456 mm
Control unit to match	D749MA	D770M
Actuator weight	6,5 Kg	7,7 Kg

TECHNICAL DRAWINGS



* Varies based on installation geometry and the set deceleration



ARM/VECTI KIT

WITH KEY SELECTOR

KIT composition:



LINEAR GATE OPERATORS



P-900VLED



CONTROL UNIT



P-900OPTIC



P-300TKEY + P-300TSL



P-250K-SLIMRP



S-ARM0000208

+



S-ARM0000223



C-CRT

MODELS IN: DC MOTOR

KIT	MODEL	MAX. GATE LEAF	CONTROL UNIT	ENCODER	REVERSIBLE / IRREVERSIBLE
K-KARM2000BIL	P-650ARM2000BI	3+3 m	P-750D749MA	●	Irreversible
K-KARM3000BIL	P-650ARM3000BI	4+4 m	P-750D749MA	●	Irreversible

MODELS IN: 230 V AC

KIT	MODEL	MAX. GATE LEAF	CONTROL UNIT	ENCODER	REVERSIBLE / IRREVERSIBLE
K-KVECTI	P-650VECTI	3+3 m	P-750D770M		Irreversible
K-KARM3000L	P-650ARM3000IFC	4+4 m	P-750D770M		Irreversible



ARM/VECTI KIT

WITH TWO TRANSMITTERS

KIT composition:



LINEAR GATE OPERATORS



P-900VLED



CONTROL UNIT



P-900OPTIC



S-ARM0000208



P-250K-SLIMRP



S-ARM0000223



P-250K-SLIMRP



C-CRT

MODELS IN: DC MOTOR

KIT	MODEL	MAX. GATE LEAF	CONTROL UNIT	ENCODER	REVERSIBLE / IRREVERSIBLE
K-KARM2000BIL2	P-650ARM2000BI	3+3 m	P-750D749MA	●	Irreversible
K-KARM3000BIL2	P-650ARM3000BI	4+4 m	P-750D749MA	●	Irreversible

MODELS IN: 230 V AC

KIT	MODEL	MAX. GATE LEAF	CONTROL UNIT	ENCODER	REVERSIBLE / IRREVERSIBLE
K-KVECTI2	P-650VECTI	3+3 m	P-750D770M		Irreversible
K-KARM3000L2	P-650ARM3000IFC	4+4 m	P-750D770M		Irreversible

ACCESSORIES

COMMON ACCESSORIES



P-650ARMKITSTF

Kit consisting of 2 multi-position fixing brackets. For ARM2000/3000 and VECTI series actuators, a second kit of 2 brackets is required for the front fixing of the motor to the gate



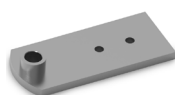
P-650ARMKITSTI

Tilting fixing bracket for upward sloping gates (1 pc.)



P-650ARMKITFCR

Adjustable mechanical stops (2 pcs)



P-650ARM330

Fixing bracket for large pillars (1 pc.) (for ARM3000BI and ARM3000IFC)

NEW



P-700BAP1

Gate stopper for light leaves



P-700BAP2

Gate stopper wall/floor mount



P-650CVS

Curved manual lock



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-900TOWERF

Painted aluminum column for photocells with 1 hole h49 cm



P-750CUP

Control unit enclosure protective lid



P-250SM120

Memory card for 120 radio codes



P-900PIVOTL

Set of two adjustable photocells with temporary and fixed courtesy light



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



P-750COL

Control unit mounting post

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



K-200BATT

12 Volt Battery, 7,2 Ah with cable



K-030KITKB20

Battery cables kit (20 pcs)



M-030000CC50

Multicore cable (2 x 2.5 sq.mm + 3 x 0.5 sq.mm)



Use only M-030000CC50 cable or equivalent

230 V AC ACCESSORIES

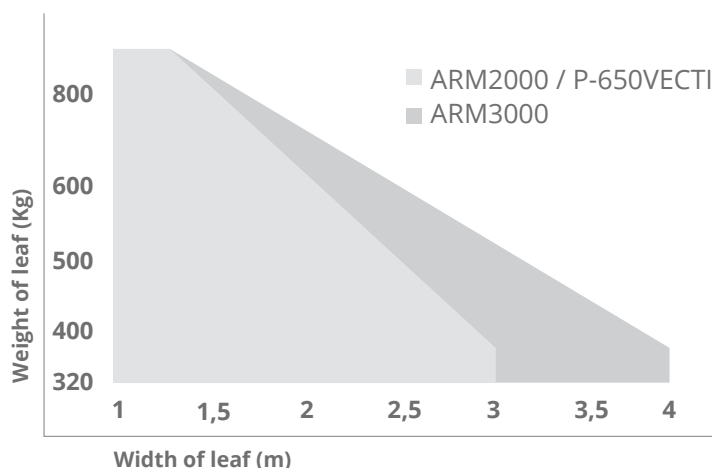


P-750D770M

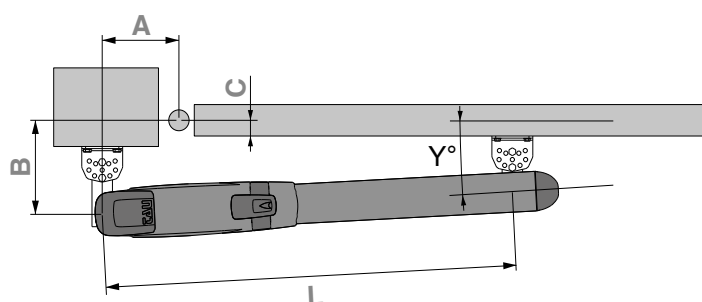
Electronic control unit for one or two 230 V gate operators with soft-stop and built-in 433,92 MHz rolling code radio receiver, complete with enclosure

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%.



INSTALLATION SIZES (MM)*



* Follow the instructions for the installation

NB: In order to get the best performances, the operators have to be installed with A and B values as high as possible. To work correctly, the angle formed by the actuator and the gate (See the picture above for Y° value) must be > 2° (ARM2000/P-650VECTI) both with the gate completely closed and completely open.

Model	Leaf opening	A	B	C	L
VECTI/-F ARM2000BI	90°	Min. 145	from 150 to 190	20	800
		Max. 175	150	20	800
	95°	Min. 150	from 150 to 185	20	800
		Max. 170	from 150 to 155	20	800
	100°	Min. 165	from 150 to 155	20	800
		Max. 170	150	20	800
Recommended	100°	165	155	20	800

Model	Leaf opening	To	B	C	L
ARM3000BI ARM3000IFC	90°	Min. 150	from 160 to 235	20	910/890
		Max. 190	from 160 to 185	20	910/890
ARM3000BI	95°	Min. 165	from 160 to 215	20	910/890
		Max. 200	from 160 to 165	20	910/890
	100°	Min. 180	from 160 to 180	20	910
		Max. 200	from 160 to 165	20	910
Recommended	107°	180	148	20	910
	90°	175	195	20	910/890
ARM3000BI + staffa P-650ARM330	90°	175	from 220 to 240	20	910
	90°	170	from 250 to 260	20	910
	90°	165	270	20	910
	100°	210	210	20	910
	104°	220	190	20	910

Use and maintenance manuals



ARM2000



ARM3000



D749MA-R



D749MA



D770M