

## Solution for applying in private homes and apartment buildings

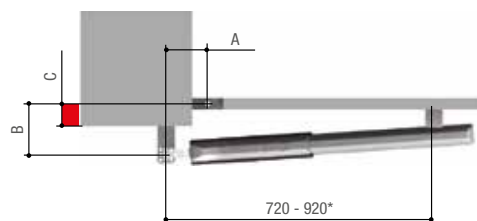
- Irreversible gearmotor.
- Amperometric obstruction detection.
- Motor and encoder management with three-wire cable in 24 V DC versions.
- Ready for operation in case of power outage in the 24 V DC versions.



### Dimensions (mm)



\* 001A5000 · 001A5024N



### Application dimensions (mm)

MODELS	A3000 · A3000A · A3024N		
LEAF OPENING (°)	A	B	C Max.
90	130	130	60
120	130	110	50

MODELS	A5000 · A5000A · A5024N		
LEAF OPENING (°)	A	B	C Max.
90	200	200	120
120	200	140	70

### Operational limits

MODEL	A3000 · A3000A · A3024N		
Max. width of leaf (m)	3	2,5	2
Max. weight of leaf (kg)	400	600	800
Max. leaf opening (°)	120		

MODEL	A5000 · A5000A · A5024N				
Max. width of leaf (m)	*5	*4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000
Max. leaf opening (°)	120				

NOTES: \* It is obligatory to fit an electric lock on the gate leaf.

### Technical characteristics

MODELS	A3000	A3000A	A5000	A5000A	A3024N	A5024N
Protection rating (IP)	44	44	44	44	44	44
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	24 DC
Absorption (A)	1,2	1,2	1,2	1,2	10 Max.	10 Max.
Power (W)	260	260	260	260	120	120
Maneuvering time at 90° (s)	19 ÷ 25	19 ÷ 25	30 ÷ 40	30 ÷ 40	ADJUSTABLE	ADJUSTABLE
Cycles/Hour	24	24	15	15	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Thrust (N)	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	-	-

● 230 V AC

Code	Description
<b>230 V AC Gearmotors</b>	
001 <b>A3000</b>	Irreversible 230 V gearmotor for swing gates with opening limit-switch micro-switches with up to 3 m leaves that weighs up to 400 kg.
001 <b>A3000A</b>	Irreversible 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 <b>A5000</b>	Irreversible 230 V gearmotor with opening limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.
001 <b>A5000A</b>	Irreversible 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.
<b>Control panels for 230 V AC gearmotors</b>	
002 <b>ZA3P</b>	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.
<b>24 V DC gearmotors</b>	
001 <b>A3024N</b> 	Irreversible 24 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 <b>A5024N</b> 	Irreversible 24 V gearmotor with opening limit-switch micro-switch and closing micro-switch for swing gates with up to 5 m leaves that weighs up to 400 kg.
<b>Control panels for 24 V DC gearmotors</b>	
<b>801QA-0050</b> 	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.
<b>801QA-0060</b> 	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.
<b>Accessories for: 801QA-0050 - 801QA-0060</b>	
002 <b>RLB</b> 	Circuit board for emergency operation and battery charging.
<b>Accessories</b>	
001 <b>LOCK81</b>	Single cylinder electric lock.
001 <b>LOCK82</b>	Double cylinder electric lock.
001 <b>D001</b>	Lock cylinder with DIN key.
001 <b>H3000</b>	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.

