

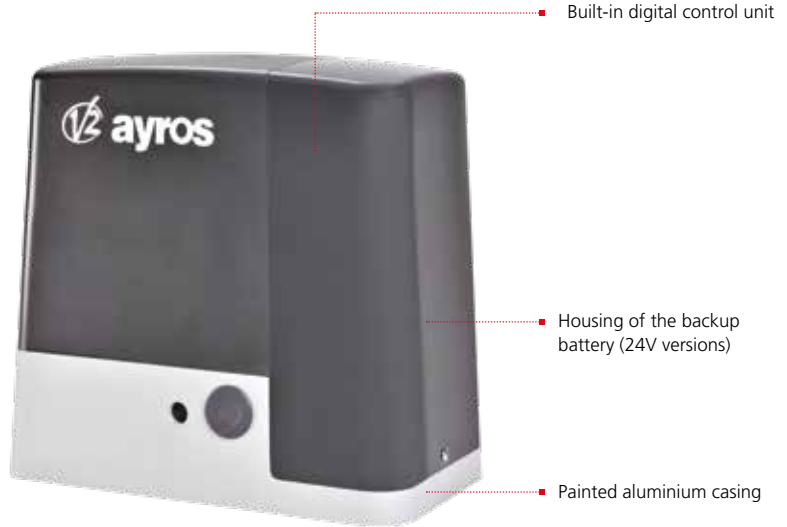
AYROS



**Irreversible
electromechanical rack
actuator motor reducer**

**for sliding gates
weighing up to 1500 Kg**

Available in version
**24V, 230V and 230V three-phase with
INVERTER**



- Accurate and safe operation with encoder
- Obstacle detection
- Self-learning of opening and closing times
- Synchronized operation of two motors using the SYNCRO module
- Magnetic limit switches, all accurate and reliable over time
- Programming achieved using 3 program buttons and display
- Plug-in adaptor for modular radio receiver MR2
- 2 inputs for photocells with self-test function
- 2 inputs for mechanical or resistive safety edges
- Courtesy light output
- ADI connector for connecting optional modules
- Soft start (programmable start-up rate)

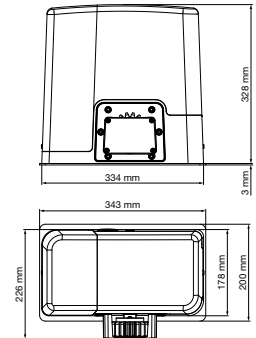
24V versions:

- Programmable acceleration and deceleration
- Operation in case of absence of power using the B-PACK backup battery
- Operation with solar power using the ECO-LOGIC system



INVERTER version:

- Three-phase motor with inverter with 230V control unit
- Programmable acceleration and deceleration
- Adjustable stroke and slowing speed
- Dynamic management of the torque during all phases of the opening / closing cycle



TECHNICAL FEATURES

Description	24V gate up to 600 Kg	24V gate up to 1000 Kg	230V gate up to 800 Kg	230V gate up to 1200 Kg	230V (INVERTER) gate up to 1500 Kg
MODEL	AYROS 600D-24V	AYROS 1000D-24V	AYROS 800D-230V	AYROS 1200D-230V	AYROS 1500D-I
CODE	23C034	23C035	23C032	23C033	23C054
Gate maximum weight (Kg)	600	1000	800	1200	1500
Power supply (Vac - Hz)	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electric power (W)	400	550	500	600	570
Full load current @ 230Vac (A)	2	2,5	2	2,6	5
Gate speed (m/s)	0,14 (@ 300N) 0,26 (unloaded)	0,14 (@ 450N) 0,26 (unloaded)	0,16	0,16	0,035 - 0,26
Maximum thrust (N)	600	900	670	950	1400
Duty cycle (%)	60	60	30	30	50
Pinion	M4-Z18	M4-Z18	M4-Z18	M4-Z18	M4-Z18
Working temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor weight (Kg)	16	18	15	16	15
Protection degree (IP)	44	44	44	44	44
Maximum load on 24 Vac accessories (W)	7	7	10	10	10

ACCESSORIES



11B047 ▪ MR2	161230 ▪ WF01	161216 ▪ SYNCRO	161212 ▪ B-PACK
433.92 MHz plug-in receiver. Also available in 868.30 MHz version (code 11B048)	WiFi module for managing via V2 GO	ADI modules for synchronized operation of two motors	Backup battery with built-in charger



162313	162322	ACC009
Nylon rack M4 – 6 attachments 1 m long with metallic insert	Galvanised metal rack 30x12 M4 1m long with fixing kit	Warning sign

AYROS KIT



Kit MODEL ▼	PHOX2	MR2	SENSIVA-XS	LUMOS-M	ACC009	Kit CODE ▼
Kit Light AYROS600D-24V	■ ■	■				30C072
Kit Full AYROS600D-24V	■ ■	■	■	■	■	30C073
Kit Light AYROS1000D-24V	■ ■	■				30C074
Kit Full AYROS1000D-24V	■ ■	■	■	■	■	30C075
Kit Light AYROS800D-230V	■ ■	■				30C078
Kit Full AYROS800D-230V	■ ■	■	■	■	■	30C079
Kit Light AYROS1200D-230V	■ ■	■				30C104
Kit Full AYROS1200D-230V	■ ■	■	■	■	■	30C105