



ayros

Irreversible electromechanical rack actuator motor reducer

for sliding gates
weighing up to 1200 Kg

Available in two versions:
24V and 230V



PLUS

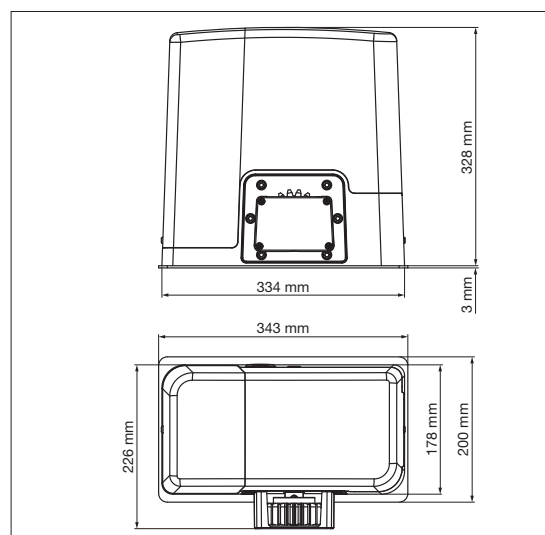
- Accurate and safe operation with encoder
- Obstacle detection
- Self-learning of opening and closing times
- Synchronized operation of two motors using the SYNCRO module
- Magnetic limit switches, all accurate and reliable over time

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

1500-I version:

- Three-phase motor with inverter with 230V control unit
- Programmable acceleration and deceleration



TECHNICAL FEATURES

Description	24V gates up to 500 Kg fast motor	24V gates up to 600 Kg	24V gates up to 1000 Kg	230V gates up to 400 Kg	230V gates up to 800 Kg	230V gates up to 1200 Kg	230V (inverter) gates up to 1500 Kg
MODEL	AYROS 500D-24V-F	AYROS 600D-24V	AYROS 1000D-24V	AYROS 400D-230V	AYROS 800D-230V	AYROS 1200D-230V	AYROS 1500D-I
CODE	23C052	23C034	23C035	23C031	23C032	23C033	23C054
Gate maximum weight (Kg)	500	600	1000	400	800	1200	1500
Power supply (Vac - Hz)	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electric power (W)	550	400	550	350	500	600	700
Full load current @ 230Vac (A)	2.5	2	2.5	1.7	2	2.6	5
Gate speed (m/s)	0.25 (@ 200N) 0.4 (unloaded)	0.14 (@ 300N) 0.26 (unloaded)	0.14 (@ 450N) 0.26 (unloaded)	0.16	0.16	0.16	0.35
Maximum thrust (N)	400	600	900	400	670	950	1400
Duty cycle (%)	60	60	60	30	30	30	50
Pinion	M4-Z18	M4-Z18	M4-Z18	M4-Z18	M4-Z18	M4-Z18	M4-Z18
Working temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor weight (Kg)	16	16	18	14	15	16	15
Protection degree (IP)	44	44	44	44	44	44	44
Maximum load on 24 Vac accessories (W)	7	7	7	10	10	10	10