

TORQ



Irreversible electromechanical rack actuator motor reducer

for sliding gates
weighing up to **800 Kg**

Available in two versions:
24V and **230V**



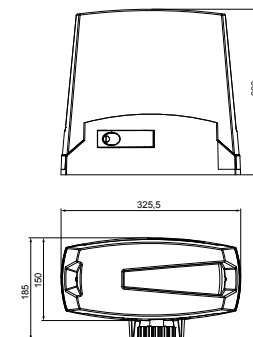
24V versions:

- DIGITAL control unit
- Accurate and safe operation with encoder
- Self-learning of opening and closing times
- Obstacle detection
- Programmable acceleration and deceleration
- Soft start (programmable start-up rate)
- Operation in case of absence of power using the 161237 backup battery
- Operation with solar power using the ECO-LOGIC system
- 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
- ADI connector for connecting optional modules

230V version:

- ANALOGUE control unit
- Built-in 433.92 MHz receiver (only compatible with PHOX series transmitters)
- Opening and closure times self-learning
- Obstacles detection
- Adjustments and programming using a trimmer and dip-switch
- Mechanical limit switches




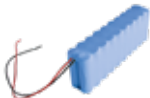






TECHNICAL FEATURES

Description	24V gates up to 500 Kg DIGITAL control unit	24V gates up to 400 Kg DIGITAL control unit FAST motor	230V gates up to 500 Kg ANALOGUE control unit	230V gates up to 800 Kg ANALOGUE control unit
MODEL	TORQ500D-24V	TORQ400D-24V-F	TORQ500A-230V	TORQ800A-230V
CODE	23G001	23G002	23G003	23G004
Gate maximum weight (Kg)	500	400	500	800
Power supply (Vac - Hz)	230 - 50	230 - 50	230 - 50	230 - 50
Maximum electric power (W)	300	250	300	400
Full load current @ 230Vac (A)	2	1,1	1,3	1,7
Gate speed (m/s)	0,28	0,36	0,17	0,17
Maximum thrust (N)	600	400	450	850
Duty cycle (%)	90	70	30	30
Pinion	M4-Z15	M4-Z15	M4-Z15	M4-Z15
Working temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor weight (Kg)	9	9	10	12
Protection degree (IP)	44	44	44	44
Maximum load on 24 Vac accessories (W)	7	7	6	6

ACCESSORIES

NOTE: the electronic accessories can only be used with TORQ models equipped with a DIGITAL control unit

			
11B047 ▪ MR2	161230 ▪ WF01	161216 ▪ SYNCRO	161237
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	Battery 24 V 1,6 Ah
			
161238	162313	162322	ACC009
Battery charger for 161237	Nylon rack M4 – 6 attachments 1 m long with metallic insert	Galvanised metal rack 30x12 M4 1m long with fixing kit	Warning sign

TORQ KIT

						
Kit MODEL ▼	PHOX2	MR2	SENSIVA-XS	LUMOS-M	ACC009	Kit CODE ▼
Kit Light TORQ500D-24V	■ ■	■				30C109
Kit Full TORQ500D-24V	■ ■	■	■	■	■	30C110
Kit Light TORQ400D-24V-F	■ ■	■				30C124
Kit Full TORQ400D-24V-F	■ ■	■	■	■	■	30C125
Kit Light TORQ500A-230V	■ ■					30C111
Kit Full TORQ500A-230V	■ ■		■	■	■	30C112
Kit Light TORQ800A-230V	■ ■					30C113
Kit Full TORQ800A-230V	■ ■		■	■	■	30C114