



230V AC operators with control board, limit switches and encoder

COD.	Art.	EN	kg	gears	DEA	EN CODER	OTHER CHARACTERISTICS
616000	REV220	EN 12453 EN 12445	1400 kg*	2	NET230N	●	<ul style="list-style-type: none"> Self locking with limit switches Speed adjustment and slow down in opening and closing Motor control by encoder and obstacle detection
616003	REV220/M	EN 12453 EN 12445	1400 kg*	2	NET230N	●	<ul style="list-style-type: none"> Self locking Magnetic limit switches Speed adjustment and slow down in opening and closing Motor control by encoder and obstacle detection
616001	REV220/RF	EN 12453 EN 12445	1400 kg*	3	NET230N	●	<ul style="list-style-type: none"> Not self-locking with brake in opening and closing Limit switches Oil bath Speed adjustment and slow down in opening and closing Motor control by encoder and obstacle detection
616004	REV220/RFM	EN 12453 EN 12445	1400 kg*	3	NET230N	●	<ul style="list-style-type: none"> Not self-locking with brake in opening and closing Magnetic limit switches Oil bath Speed adjustment and slow down in opening and closing Motor control by encoder and obstacle detection

All models have (IB version excluded): control board and fixing plate to be cemented included

* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

24V DC operators with control board and limit switches

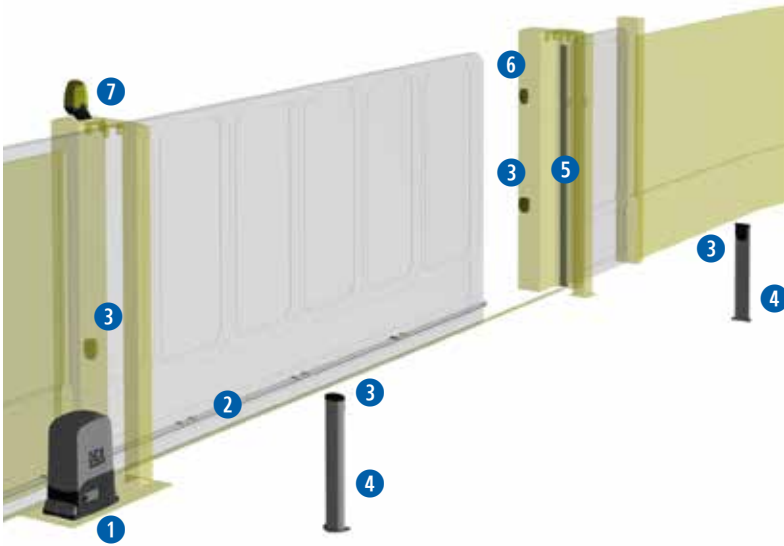
COD.	Art.	EN	kg	gears	DEA	OTHER CHARACTERISTICS
616011	REV24/F	EN 12453 EN 12445	1400 kg*	3	NET24N	<ul style="list-style-type: none"> Self locking with limit switches Speed adjustment and slow down in opening and closing
616012	REV24/M	EN 12453 EN 12445	1400 kg*	3	NET24N	<ul style="list-style-type: none"> Self locking Magnetic limit switches Speed adjustment and slow down in opening and closing

All models have (IB version excluded): control board and fixing plate to be cemented included

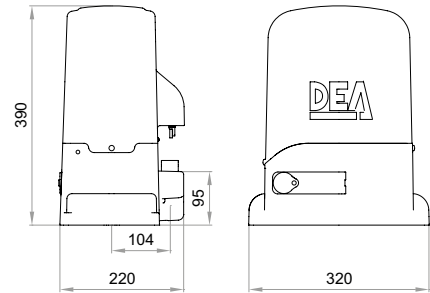
* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%










TECHNICAL INFO	REV220 - REV220/M REV220/IB	REV220/RF - REV220/RFM REV220/RF/IB	REV24/F - REV24/M REV24/IB
Motor power supply (V)	230V AC ~ ± 10 % (50/60 Hz)		24V DC
Maximum power absorption (W)	500		250
Max thrust (N)	900	1200	450
Duty cycle (cycles/hours) for an 8m leaf length	27 for gates up to 1000kg 22 for gates up to 1400kg		36 for gates up to 1000kg 31 for gates up to 1400kg
N. max. cycles in 24h. for an 8m leaf length	270 for gates up to 1000kg 220 for gates up to 1400kg		300 for gates up to 1000kg 250 for gates up to 1400kg
Built-in capacitor (µF)	14	12,5	\
Operating temperature (°C)	-20 ÷ 50		
Motor thermal protection (°C)	150		\
Speed (m/min)	10		12
Standard pinion	Z18	Z15	Z18
Weight with packing (Kg)	18		
Protection level	IPX4 (IP44 with magnetic limit switches)		

EXAMPLE OF A TYPICAL INSTALLATION
















DIMENSIONS



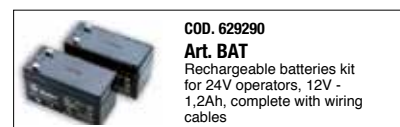
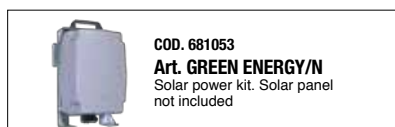
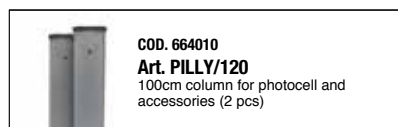
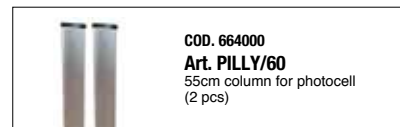
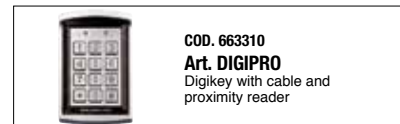
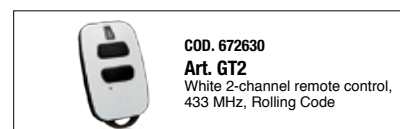
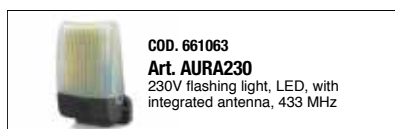
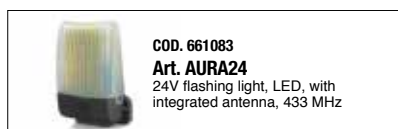
 <p>COD. 616000 Art. REV220 Operator for collective sliding gates</p>	 <p>COD. 126000 Art. 113 Galvanized steel rack 30x12mm with zinc-plated spacers and fixing screws (1m)</p>	 <p>COD. 662080 Art. LINEAR/XS Pair of mini photocell for outdoor installation. Maximum range 20m</p>
 <p>COD. 664000 Art. PILLY/60 55cm column for photocell (2 pcs)</p>	 <p>COD. 171035 Art. C-20 Mechanical edge L=2m</p>	 <p>COD. 663090 Art. GT-KEY Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.</p>
 <p>COD. 661063 Art. AURA230 230V flashing light, LED, with integrated antenna, 433 MHz</p>	 <p>COD. 672630 Art. GT2 White 2-channel remote control, 433 MHz, Rolling Code</p>	 <p>COD. 668010 Art. 127 Warning sign</p>

SPECIFIC ACCESSORIES

 <p>COD. 619000 Art. 111 Nylon rack, with fixing screws (1m)</p>	 <p>COD. 126001 Art. 112 Galvanized steel rack 22x22mm (1m)</p>	 <p>COD. 126000 Art. 113 Galvanized steel rack 30x12mm with zinc-plated spacers and fixing screws (1m)</p>
 <p>COD. 619041 Art. 451 Unlocking device kit for REV (4,5m). To be used in connection with BLINDOS</p>	 <p>COD. 665000 Art. BLINDOS Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.</p>	 <p>COD. 672920 Art. D-BAND KIT Wireless transmitter and receiver kit in 868 MHz, for resistive or mechanical safety edges</p>
 <p>COD. 171035 Art. C-20 Mechanical edge L=2m</p>	 <p>COD. 171039 Art. CR-20 Safety resistive edge L=2m according to EN12978</p>	 <p>COD. 171034 Art. C-16 Mechanical edge L=1.6m</p>
 <p>COD. 171040 Art. CR-25 Safety resistive edge L=2.5m in compliance with EN12979</p>	 <p>COD. 667053 Art. Soft3 Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)</p>	 <p>COD. 360674 Art. Pignone Z15/IB Galvanized pinion for IRONBOX M=4 Z=15 Øe=68</p>
 <p>COD. 360673 Art. Pignone Z18/IB Galvanized pinion for IRONBOX M=4 Z=18 Øe=68</p>	 <p>COD. 619090 Art. Pignone Z22* Oversized pinion Z=22 for REV</p>	

* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

OTHER ACCESSORIES



IRON BOX

RAL 9006 painted steel vandal-proof box for REV and GULLIVER with magnetic limit switches (code 619070) and foundation plate

COD.	Art.	DIMENSIONS	kg
619080	IRONBOX	580 x 1002 x 280 mm	44 Kg

See technical details at page 44

