



SWING GATE SYSTEMS.

G:B:D
CREATIVE AUTOMATIONS

TOP

230V

*PRODUCT ALSO AVAILABLE
AT 115 VAC

FOTO AUTOMATIC GATES ▶





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TOP

230V *PRODUCT ALSO AVAILABLE
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Hydraulic operators in 230 Vac, for swinging gates of medium and big dimensions and weight, both for residential and heavy use.

EASY TO INSTALL

TOP is pre-loaded and adjusted in our factory, ready to be used, **no purge valves or oil to level**. Fixing brackets are included.

SILENT AND FAST

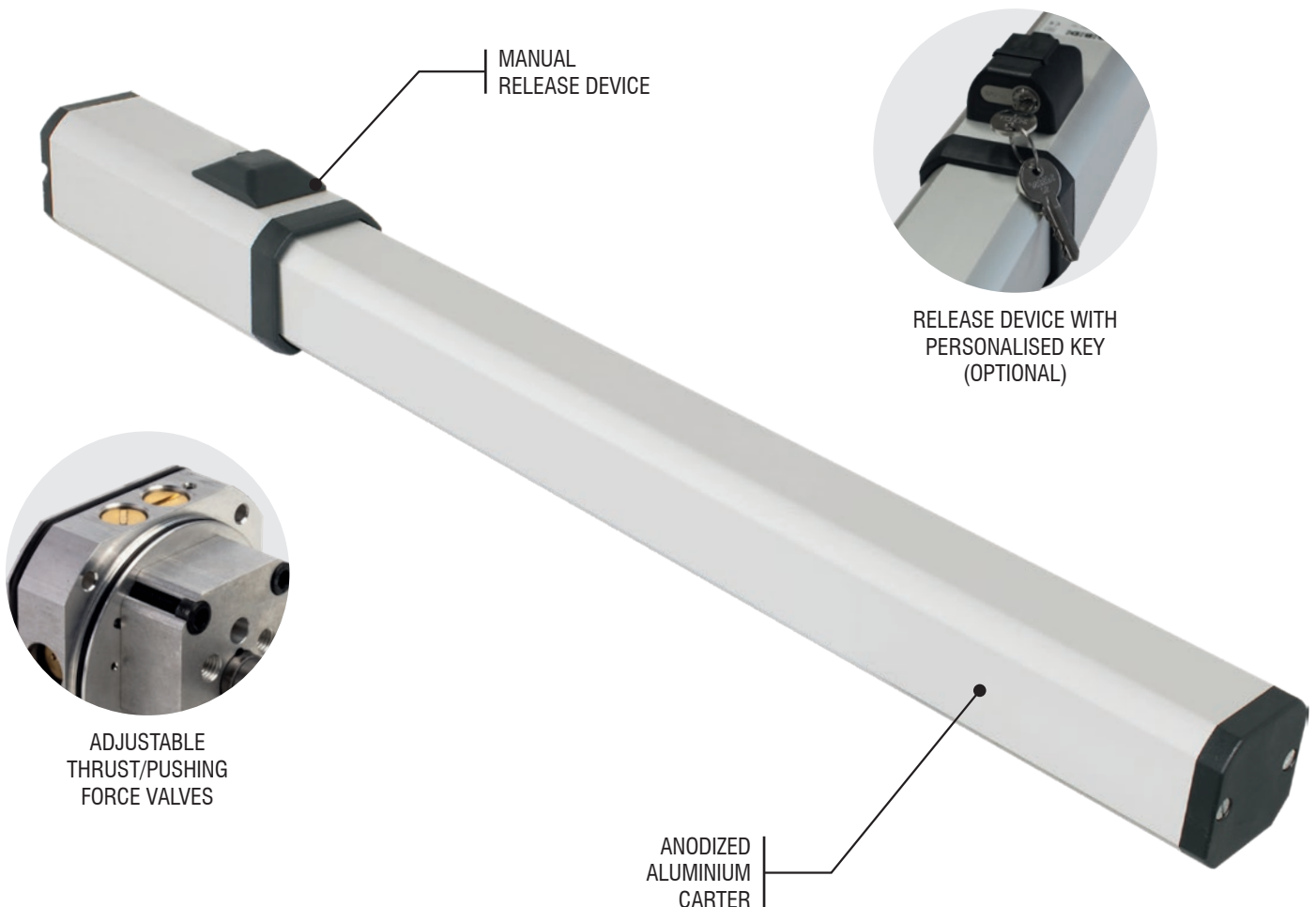
Extremely silent. Available also with fast hydraulic pump, for whom wants to extremely reduce opening and closing times.

TECHNOLOGICAL AND SAFE

TOP is built with a sole technology, **the vacuum loading** does not leave any air residues inside, that means no condensation or emulsion. The coupling pump-distributor is without seals. A unique system, that will remain unchanged in time.

A COMPLETE AND RELIABLE RANGE

From little residential gates to 6 m commercial or industrial gates. Special motors for heavy use. Standard or fast speed, reversible or irreversible. Only the best, only the TOP.



DOWNLOAD
MORE CONTENT



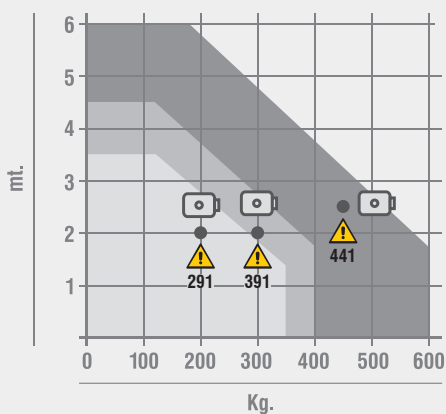
TECHNICAL FEATURES

	TOP291	TOP391	TOP441	TOP291/S	TOP391/S	TOP441/S
Type of use	HEAVY DUTY	HEAVY DUTY	HEAVY DUTY	HEAVY DUTY	HEAVY DUTY	HEAVY DUTY
Frequency of use	55%	55%	55%	55%	55%	55%
Motor power supply	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz	230 Vac - 50/60 Hz
Absorbed power	170W	190W	190W	170W	190W	190W
Protection degree	IP65	IP65	IP65	IP65	IP65	IP65
Rod speed	10 mm/s	10 mm/s	10 mm/s	20 mm/s	20 mm/s	20 mm/s
Max rod stroke	290 mm	290 mm	440 mm	290 mm	290 mm	440 mm
Max thrust force	3000 N	4500 N	4500 N	2200 N	3000 N	3000 N
Adjustable force	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
Adjustable speed	ELECTRONIC **	ELECTRONIC **	ELECTRONIC **	ELECTRONIC **	ELECTRONIC **	ELECTRONIC **
Max leaf width	3,5 m *	4,5 m *	6,0 m *	3,5 m *	4,5 m *	6,0 m *
Operating temperature	-20°C +60°C	-20°C +60°C	-20°C +60°C	-20°C +60°C	-20°C +60°C	-20°C +60°C
Encoder/limit switch	NO	NO	NO	NO	NO	NO
Type of lubrication	OIL GBD PH-03	OIL GBD PH-03	OIL GBD PH-03	OIL GBD PH-03	OIL GBD PH-03	OIL GBD PH-03
Weight of the unit	7,7 Kg	8,7 Kg	10 Kg	7,7 Kg	8,7 Kg	10 Kg

* In case of blind leaf or wind presence or leaf over 2.5 m, the use of the electric lock is necessary

** By the use of the BA230 control board

APPLICATION DIAGRAM

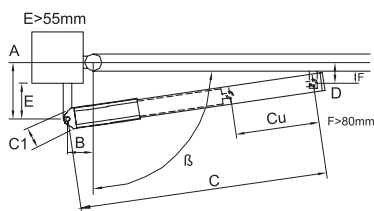


TOP291
 TOP391
 TOP441

Electric-lock

= BAC Limit

INSTALLATION MEASURES



	β	A	B	C	D	Cu	C1
TOP291	90°	130	130	900	100	260	81x81
TOP291	110°	110	110	900	95	260	81x81
TOP391	90°	130	130	950	100	260	90x90
TOP391	110°	110	110	950	95	260	90x90
TOP441	90°	205	205	1.235	115	410	90x90
TOP441	110°	175	175	1.235	110	410	90x90

DIMENSIONS

