



PLUS

High technological materials resistant to weather conditions

User friendly. Manual unlock possible with Sub transmitter

Built in LED light in the front of the motor body, to light up gate entrance and define width of the passage at night

UV-resistant plastic covers

Aligned front and rear mounting brackets for ease of motor installation

Extremely silent mechanics, protected by robust die-cast and powder-coated aluminum body

FASTLINE

RAY FAST: opening speed at 90° in 10 seconds*

* slow down phase excluded

MODELS

CODE	DESCRIPTION	PCS PALLET
RAY2524	For swing gates with maximum length 3 m or max weight 500 kg per leaf, 24 Vdc motor	25
RAY2524E	For swing gates with maximum length 3 m or max weight 500 kg per leaf, 24 Vdc motor, with encoder	25
RAY4024E	For swing gates with maximum length 4 m or max weight 600 kg per leaf, 24 Vdc motor, with encoder	25
KRAY4024R	For swing gates with maximum length 4 m or max weight 500 kg per leaf, 24 Vdc motor, reversible, included of power module PO24R, with encoder	25
RAY3024F	For swing gates with maximum length 3 m or max weight 300 kg per leaf, 24 Vdc motor, with encoder	25



Built-in LED light mask



Possibility to unlock motor with transmitter




Robust bronze lock nut on endless screw



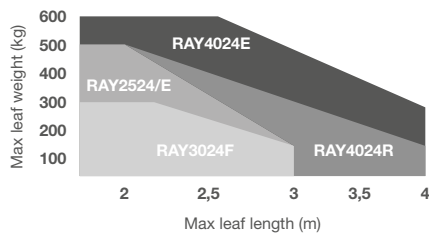
Metal gearing (RAY4024E, RAY4024R, RAY3024F)

TECHNICAL DATA

		RAY2524	RAY2524E	RAY4024E	KRAY4024R	RAY3024F
MECHANICAL DATA						
speed	cm/s	2,6	2,6	1,5	3	3,8
pulling force	N	1500	1500	2000	1000	1000
working cycle	%	80	80	80	80	50
opening time at 90°	sec	18-25*	18-25*	20-25*	20-25*	10-15*
ELECTRICAL DATA						
control board		14AB	14AB	14AB2	14AB2	14AB2F 
power	Vdc	24	24	24	24	24
consumption	A	3,5	3,5	5	5	5
absorbed power	W	85	85	120	120	120
integrated lights		yes	yes	yes	yes	yes
GENERIC DATA						
protection degree	IP	44	44	44	44	44
dimensions (L - D - H)	mm	844 - 100 - 104				
weight	kg cad	6	6	8	8	8
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55
leaf maximum weight	Kg	500	500	600	500	300

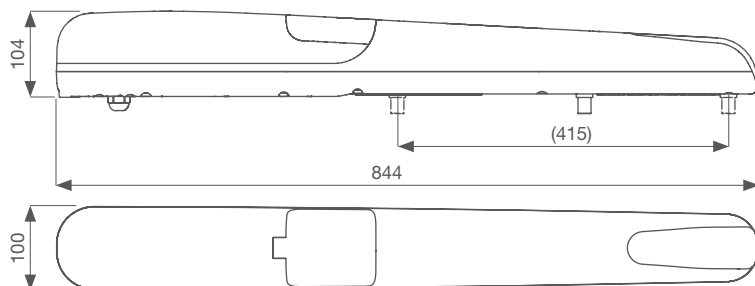
* with optimized fixing dimensions

LIMIT USE






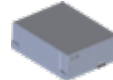













Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas. The RAY4024 model is recommended for condominium installations.

DIMENSIONS



ACCESSORIES

 ADFB Pair of adjustable front mounting brackets	 ADRB Pair of adjustable rear mounting brackets	 ADWA Adapter kit for competitors motors	 FCRAY Mechanical stop in closing
PC 1	PC 1	PC 1	PC 1
 ELS-C Horizontal 12 V electrolock	 KBP Battery back-up kit	 KITFIXBATT Fixing brackets for batteries	 KC Unlock key cylinder
PC 1	PC 1	PC 1	PC 1
 EXRB Extension bracket for outside opening	 STAF032A00 Adapting rear bracket	 550CABL045A00 * Special cable for Eclipse RG174 50 Ohm + 4 x 0,50 mm ² (100m)	 14AB2 Control unit in box for two 24 Vdc motors
PC 1	PC 1	PC 1	PC 1
 14AB2F Control unit in box for two 24 Vdc motors (only RAY3024F)	 EGS101 Key selector with all-metal body	 DYL Display module Cable length 120 cm (only 14A)	 KUBEPRO Wireless module for programming (only 14A)
PC 1	PC 1	PC 1	PC 1
 TS Warning board			
PC 1			

* it is not recommended to use a connection longer than 4 m to avoid sensible loss of reach