




RAY

ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 4 m, 24 Vdc AND 230 Vac



MODELS

CODE	DESCRIPTION	PCS PALLET
RAY40	For swing gates with maximum length 4 m or max weight 600 kg per leaf, 230 Vac motor	25
 RAY2224	For swing gates with maximum length 3 m or max weight 500 kg per leaf, 24 Vdc motor	25
 RAY4224E 	For swing gates with maximum length 4 m or max weight 600 kg per leaf, 24 Vdc motor with encoder	25

PLUS

High technological materials resistant to weather conditions

Manual unlock possible with Sub transmitter. User friendly

UV-resistant plastic covers

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

Aligned front and rear mounting brackets for ease of motor installation



Stylish design screwless at sight



Possibility to unlock motor with transmitter



Brackets in line



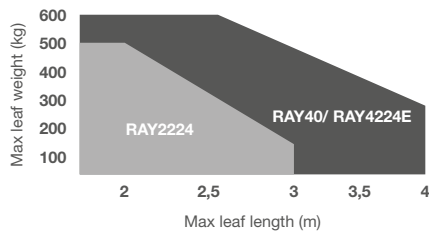
Metal gearing (RAY40, RAY4224E)

TECHNICAL DATA

		RAY40	RAY2224	RAY4224E
MECHANICAL DATA				
speed	cm/s	1,6	2,6	1,5
pulling force	N	2000	1500	2000
working cycle	%	40	80	80
opening time at 90°	sec	20-25*	18-25*	20-25*
ELECTRICAL DATA				
control board		CT202	CT20224	CT20224E
power	Vac	230	-	-
	Vdc	-	24	24
consumption	A	1,2	3,5	5
absorbed power	W	280	85	120
capacitor	µF	8	-	-
thermoprotection	°C	150	-	-
GENERIC DATA				
protection degree	IP	44	44	44
dimensions (L - D - H)	mm		844 - 100 - 104	
weight	kg cad	8	6	8
working temperature	°C	-20 + 55	-20 + 55	-20 + 55
leaves maximum weight	Kg	600	500	600

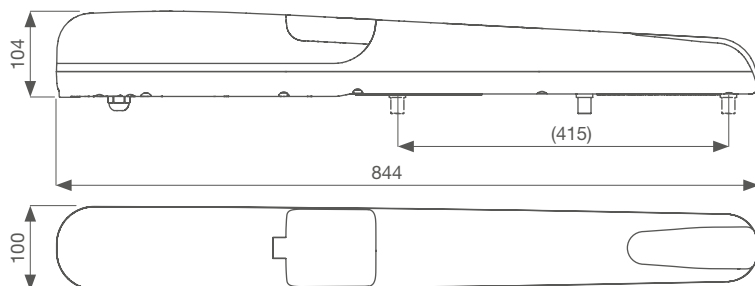
* with optimized fixing dimensions

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 RAY4224E 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 Extention bracket for outside opening	STAF032A00 Adapting rear bracket	CT20224 Control unit in box for two 24 Vdc motors (only RAY2224)	CT20224E Control unit in box for two 24 Vdc motors with encoder (only RAY4224E)
PC 1	PC 1	PC 1	PC 1
CT202 Control unit in box for two 230 Vac motors (only RAY40)	EGS101 Key selector with all-metal body	TS Warning board	
PC 1	PC 1	PC 1	