

RAY

ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 3 m AND 4 m , 24 Vdc



PLUS

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

High technological materials resistant to weather conditions

UV-resistant plastic covers, FASTLINE drak grey cover for RAY3024F

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

Aligned front and rear mounting brackets to ease motors installation

Manual unlock possible with Sub transmitter. Easy and user friendly

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

Compatible with 24 Vdc control unit 14A (page 72 for technical details)

* slow down phase excluded



Built-in LED light mask



Possibility to unlock motor with transmitter








DYL handheld programmer with display for easy programming



Metal gearing (RAY4024)

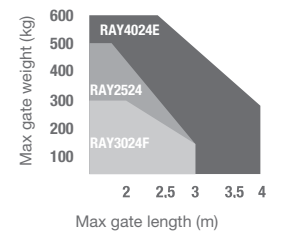
MODELS

CODE	DESCRIPTION
 RAY2524	For swing gates with maximum length 3 m and weight 150 kg, 24 Vdc motor
 RAY4024E	For swing gates with maximum length 4 m and weight 300 kg, 24 Vdc motor with encoder
 RAY3024F	For swing gates with maximum length 3 m and weight 150 kg, FAST, 24 Vdc motor with encoder 

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





* with optimised fixing dimensions

LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vacmotors are suggested for windy areas

RAY KIT

CODE	DESCRIPTION
 KRAY2524	Kit for dual swing gates with leaves up to 3 m, 24 Vdc motor, control unit with slowdown and open position mechanic limit switch. With night light function included
 KRAY4024E	Kit for dual swing gates with leaves up to 4 m, 24 Vdc motor, control unit with slowdown, opening mechanic limit switch and encoder. With night light function included
 KRAY3024F	Kit for dual swing gates with leaves up to 3 m, FAST, 24 Vdc motor, control unit with slowdown and open position mechanic limit switch and encoder. With night light function included 

KIT COMPONENTS



14A (1 pc)



RX4X (1 pc)



SUB-44R (1 pc) +
SUB-44WR (1 pc)



ADFB (2 pcs)



ADRB (2 pcs)



TS (1 pc)

KRAY2524	● 14AB	●	●	●	●	●
KRAY4024E	● 14AB2	●	●			●
KRAY3024F	● 14AB2F	●	●			●