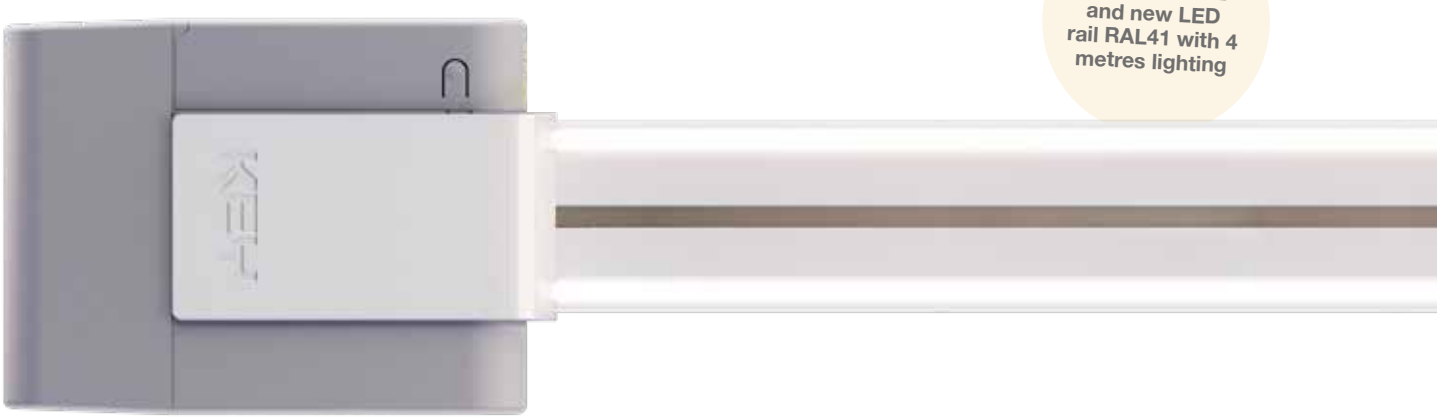
HALO

ELECTROMECHANICAL GEAR MOTOR FOR SECTIONAL DOORS UP TO 19 m² AND OVERHEAD DOORS UP TO 17 m², 24 Vdc

NEW POWER and new LED rail RAL41 with 4 metres lighting



MODELS

	CODE		DESCRIPTION	PCS PALLET
24 V	**HA8**	NEW	For sectional doors up to 11 sqm (with 3 m guide) or 12 sqm (with 4 m guide), a 24 Vdc motor and a control unit with an integrated receiver	64
24 V	**HA12**	NEW	For sectional doors up to 16 sqm (with 3 m guide) or 19 sqm (with 4 m guide), a 24 Vdc motor and a control unit with an integrated receiver	64
24 V	**HA12E**	NEW	For sectional doors up to 16 sqm (with 3 m guide) or 19 sqm (with 4 m guide), “Low Energy” with 24 Vdc motor and a control unit with an integrated receiver	64
	RAL31		Aluminum belt rail with integrated LED lighting, 3090 mm (1x3m) one-piece runner	
	RAL41		Aluminum belt rail with integrated LED lighting, 4090 mm (1x4m) one-piece runner	
	RAB3X1P		Steel belt rail, 3100 mm (3x1.33m) 3-pieces runner	
	RAB31		Steel belt rail, 3100 mm (1x3.1m) one-piece runner	
	RAB41		Steel belt rail, 4100 mm (1x4.1m) one-piece runner	
	RAB61		Steel belt rail, 6200 mm (2x3.1m) 2-pieces runner	

PLUS

Side-opening hatch for access to electronics

Illuminates garage with two rows of LEDs 4 m long, total output 40W LED

Carriage completely integrated into the runner

Two-button programming, with KUBE PRO receiver or with DYL cabled display

Door opening via smartphone (with KUBE)

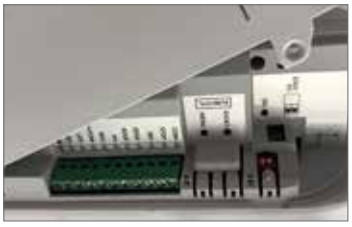
Extruded aluminium rubber powder-coated in RAL9010

Standard runner with steel C-section available with belt drive system, total length 3 or 4m, one-piece or 3-piece runner for 3m lenght

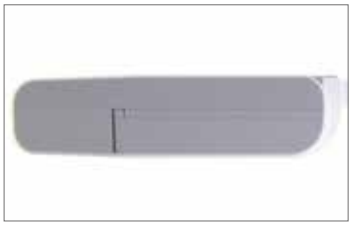
3 installation modes: classic, on cross beam, on spring shaft

Compact head unit (total height 8 cm) with runner integral in unit, allowing installation close to the spring shaft

Rail with LED light



Side-opening hatch



Compact head unit (total height 8 cm)

Installations on spring shaft/cross beam

		HA8	HA12	HA12E
MECHANICAL DATA				
speed	cm/s	15	15	15
force	N	800	1200	1200
max cycles/hour [1]		20	20	20
ELECTRICAL DATA				
power supply	Vac	230 (±10%) 50Hz	230 (±10%) 50Hz	230 (±10%) 50Hz
flashing	W	3 max	3 max	3 max
courtesy light on guide with integrated LEDs	W	-	40 max	40 max
accessories power output	mA	100 (24 Vdc not regulated)		
max no. of transmitters that can be stored ROLLING CODE		90	90	90
GENERIC DATA				
degree of protection	IP	20	20	20
dimensions (L x D x H):	mm	235 - 330 - 84	235 - 330 - 84	235 - 330 - 84
weight	kg	6,250	6,8	6,8
working temperature	°C	-10 + 45	-10 + 45	-10 + 45
maximum door size	m^2	12	19	19
maximum door weight	kg	120	200	200

[1] for 2,4x2m LxH door
Data are subject to smoothness and balance of the door and the type of rail used

COMPATIBILITY HEAD - RAIL

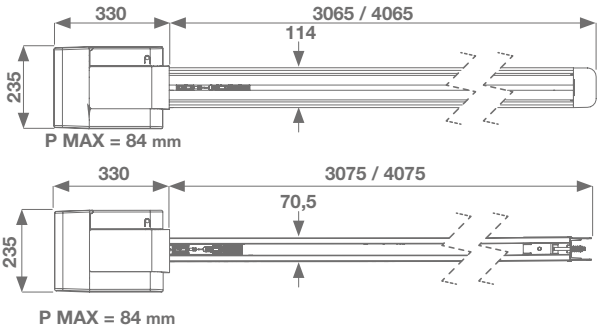
	HA8	HA12 HA12E
RAB31	X	X
RAB3X1P	X	X
RAB41	X	X
RAB61		X
RAL31		X
RAL41		X

LIMIT USE

Sectional	Up-and-over
HA8 with 3 m guide	
S max=11m²	S max=10m²
HA8 with 4 m guide	
S max=12m²	S max=11m²

Sectional	Up-and-over
HA12, HA12E with 3 m guide	
S max=16m²	S max=16m²
HA12, HA12E with 4 m guide	
S max=19m²	S max=17m²

DIMENSIONS



ACCESSORIES

HAL2
Swinging arm for counterweight overhead doors

PC 1

SBCO
External unlocking system
L=3000 mm

PC 1

HAL1
Kit for external unlock with key and metal cord for insulated overhead doors

PC 1

SBLST
Kit for external unlock with key and metal cord for uninsulated overhead doors

PC 1

HAL3
Kit supplementary fixing ceiling guide (for steel rail)

PC 1

HAL4
Kit 2 supplementary fixing clamps (for steel rail)

PC 1

HAL5
Kit supplementary fixing ceiling guide (for Led rail)

PC 1

HAL6
Kit for wall support (for Led rail)

PC 1

TO1M
Touch transmitter, 1 channels, rolling code

PC 1

TO2M
Touch transmitter, 2 channels, rolling code

PC 1

TO2MP
Touch transmitter, 2 channels, with motion sensor

PC 1

TO1U
Touch transmitter, 1 channel, rolling code, to be recessed in the door panel

PC 1

550CABL045A00 *
Special cable for Eclipse RG174 50 Ohm + 4 × 0,50 mm² (100m)

PC 1

520STAF029A00
Fixing clamp

PC 1

DYL
Display module
Cable length
120 cm (only 14A)

PC 1

KUBEPRO
Wireless module for programming (only 14A)

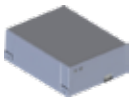
PC 1

KUBE
Module for automation control from smartphone

PC 1

KBPN
NiMH battery back-up kit

PC 1



KBP
Battery back-up kit

PC 1

LED KIT - KIT TO LIGHT UP THE GARAGE DOOR

QUADRO
Night sensor

+

VIP1
Main board for led lights control

+

STIKFW
Led garden lights (white color). PCS 2

o

STIKFB
Led garden lights (brown color). PCS 2

=

KVIPLEDFW
or
KVIPLEDFB

PC 1

* we recommend not to exceed 4 mt connection length to avoid significant radio range losses