

SELECTION GUIDE

SYSTEM FOR SECTIONAL AND OVERHEAD DOORS

HALO

GEAR MOTOR FOR SECTIONAL DOORS UP TO 19 m² AND OVERHEAD DOORS UP TO 17 m²

24 V, intensive use, up to 12 mq

HA8

24 V, intensive use, up to 19 mq

HA12

BLINDO

GEAR MOTOR FOR SPRING OR COUNTERWEIGHT OVERHEAD DOORS UP TO 9 m²

230 V, normal use

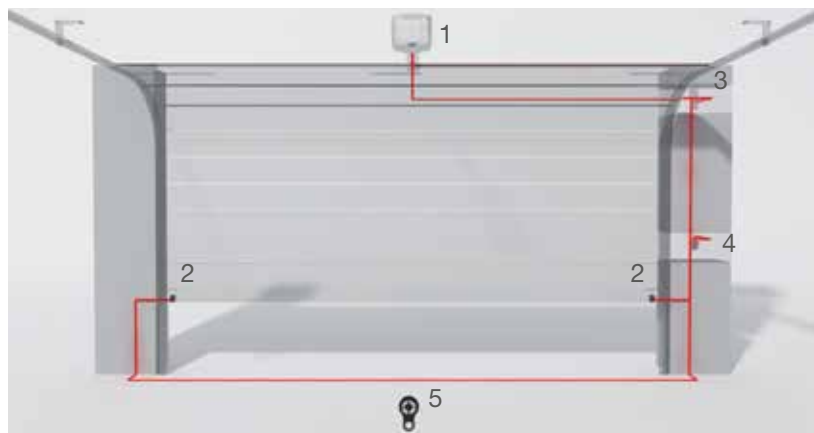
BS-50

230 V, normal use

BS52

24 V, intensive use

BS5224

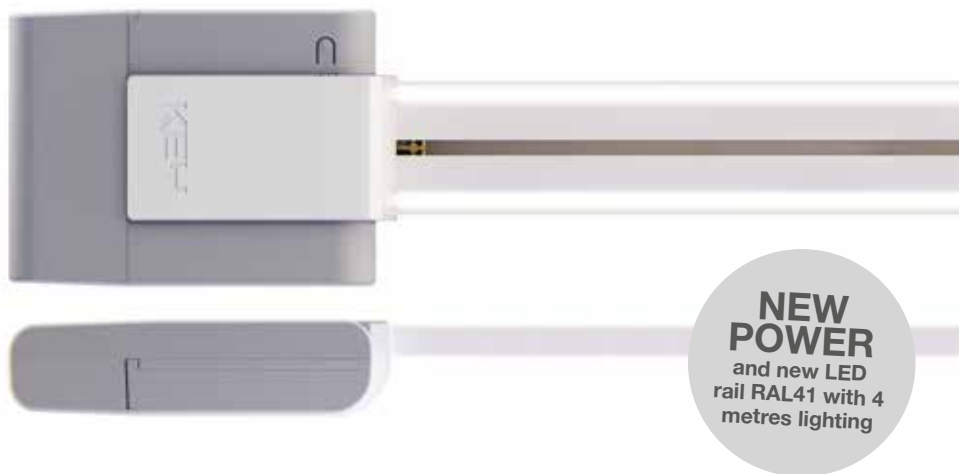


STANDARD INSTALLATION FOR SECTIONAL DOORS

- 1 Gear motor
- 2 Photocells
- 3 Flashing light
- 4 Key switch
- 5 Radio transmitter



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



PLUS

Side-opening hatch for access to electronics

Illuminates the garage with double row of leds with maximum length of 4 m for a total of 40W LED

Carriage completely integrated into the rail

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 rail with C profile in steel with belt traction, total length of 3, 4 or 6m, rail in a single piece or in 3 pieces 3 m-long each

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

MODELS

CODE	DESCRIPTION	PCS PALLET
HA8	For sectional doors up to 11 sqm (with 3 m rail) or 12 sqm (with 4 m rail), a 24 Vdc motor and a control unit with an integrated receiver	64
HA12	For sectional doors up to 16 sqm (with 3 m rail) or 19 sqm (with 4 m rail), a 24 Vdc motor and a control unit with an integrated receiver	64

RAILS

CODE	DESCRIPTION
RAL31	Aluminum belt rail with integrated LED lighting, 3090 mm (1x3m) one-piece rail
RAL41	Aluminum belt rail with integrated LED lighting, 4090 mm (1x4m) one-piece rail
RAB3X1P	Steel belt rail, 3100 mm (3x1.03m) 3-pieces rail
RAB2X2P	Steel belt rail, 4100 mm (2x2.05m) 2-pieces rail
RAB31	Steel belt rail, 3100 mm (1x3.1m) one-piece rail
RAB41	Steel belt rail, 4100 mm (1x4.1m) one-piece rail
RAB61	Steel belt rail, 6200 mm (2x3.1m) 2-pieces rail



Rail with LED light



Side-opening hatch



Compact head unit (total height 8 cm)



Installations on spring shaft/cross beam

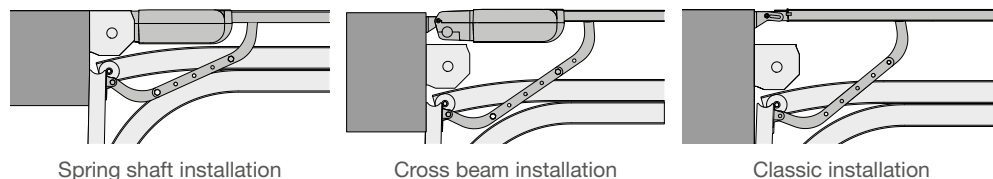
TECHNICAL DATA

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

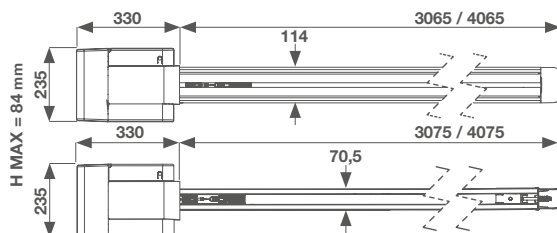
LIMIT USE

Sectional	Up-and-over slide-away	Sectional	Up-and-over slide-away
HA8 with 3 m rail		HA12 with 3 m rail	
S max=11m ² - H max = 2,6m	S max=10m ² - H max = 3m	S max=16m ² - H max = 2,6m	S max=16m ² - H max = 3m
HA8 with 4 m rail		HA12 with 4 m rail	
S max=12m ² - H max = 3,6m	S max=11m ² - H max = 3,4m	S max=19m ² - H max = 3,6m	S max=17m ² - H max = 3,4m

INSTALLATION MODES



DIMENSIONS



COMPATIBILITY HEAD - RAIL

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

ACCESSORIES

PC 1	PC 1	PC 1	PC 1
PC 1	PC 1	PC 1	PC 1
PC 1	PC 1	PC 1	PC 1
PC 1	PC 1	PC 1	PC 1
PC 1	PC 1	PC 1	PC 1

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

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

HALO KIT

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



PLUS





Battery back-up (optional in case of power failure)

New built-in led courtesy light

Water resistant SUB remote control included

New PLAY remote control included

MODELS

CODE	DESCRIPTION	WEIGHT	PCS PALLET
 HA8SS	For sectional doors up to 11 sqm (with 3 m rail) or 12 sqm (with 4 m rail), a 24 Vdc motor and a control unit with an integrated receiver	6,3kg	64
 HA12SS	For sectional doors up to 16 sqm (with 3 m rail) or 19 sqm (with 4 m rail), a 24 Vdc motor and a control unit with an integrated receiver	6,8kg	64
 HA8PP	For sectional doors up to 11 sqm (with 3 m rail) or 12 sqm (with 4 m rail), a 24 Vdc motor and a control unit with an integrated receiver	6,3kg	64
 HA12PP	For sectional doors up to 16 sqm (with 3 m rail) or 19 sqm (with 4 m rail), a 24 Vdc motor and a control unit with an integrated receiver	6,8kg	64

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

=

KVIPLEDFW

PC 1

KIT COMPONENTS



HEAD

• 1 PC



SUB-44WR

• 2 PCS



PLAY4R

• 2 PCS

HA8SS

HA12SS

HA8PP

HA12PP

• 1 PC

• 1 PC

• 1 PZ.

• 2 PCS

• 2 PCS



BLINDO

ELECTROMECHANICAL GEAR MOTOR FOR SPRING OR COUNTERWEIGHT OVERHEAD DOORS UP TO 9 m², 24 Vdc AND 230 Vac



PLUS

230 Vac motor, with pre-installed opening and closing limit switches

24 Vdc motor with encoder


With 24 Vdc CT10224 control unit with integrated display

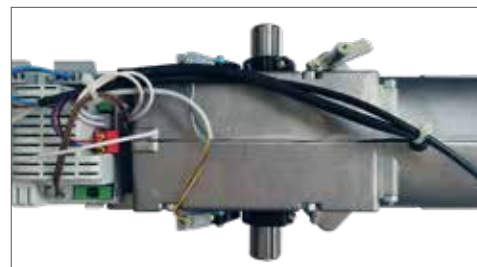
With 230 Vac CT102B control unit with integrated display

With slowdown function, granting doors integrity

External release for easy manual unlock from outside

MODELS

CODE	DESCRIPTION	PCS PALLET
BS-50	For spring or counterweight overhead doors up to 9 m ² , 230 Vac motor, without control unit. With internal release system and preset for unlocking from outside	40
BS52	For spring or counterweight overhead doors up to 9 m ² , 230 Vac motor, control unit and slowdown, with limit switches. With internal release system and preset for unlocking from outside	40
 BS5224	For spring or counterweight overhead doors up to 9 m ² , 24 Vdc motor, control unit, with encoder and slowdown. With release system and preset for unlocking from outside	40



High precision limit switches

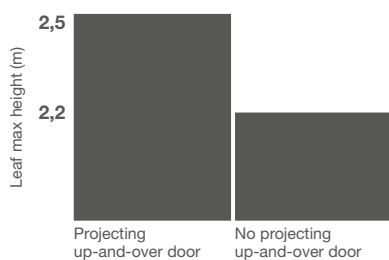


Gearbox with metal gears

TECHNICAL DATA

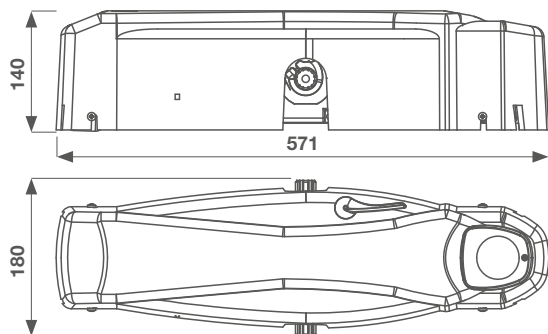
		BS-50	BS52	BS5224
MECHANICAL DATA				
torque	Nm	440	440	350
working cycle	%	30	30	80
ELECTRICAL DATA				
control board		-	CT102B	CT10224
power	Vac	230	230	230
consumption	A	1,8	1,8	1,3
absorbed power	W	400	400	300
capacitor	μF	12,5	12,5	-
thermoprotection	°C	150	150	-
integrated lights		si	si	si
GENERIC DATA				
protection degree	IP	43	43	43
dimensions (L - D - H)	mm	571 - 180 - 140	571 - 180 - 140	571 - 180 - 140
weight	kg	10	10,3	10
working temperature	°C	-20 + 55	-20 + 55	-20 + 55
door maximum dimensions	m ²	9	9	9

LIMIT USE



Values here above are valid if motor is used with standard accessories

DIMENSIONS



ACCESSORIES

			
BC Standard curved telescopic arm	BD Straight telescopic arm	BDNS Straight telescopic arm with driller round bar to avoid welding pipes	BOC Bushing
PC 1	PC 1	PC 1	PC 1
			
SBCO External unlocking system L=3000 mm	HAL1 Kit for external unlock with key and metal cord for insulated overhead doors	SBLST Kit for external unlock with key and metal cord for uninsulated overhead doors	ST-1800 Motor support bracket L=1800 mm
PC 1	PC 1	PC 1	PC 1
			
TZ-1500 Pair of transmission arms, length 1500 mm, with supports	TZ-2000 Pair of transmission arms, length 2000 mm, with supports	TS Warning board	
PC 1	PC 1	PC 1	

BLINDO KIT

FOR OVERHEAD DOORS UP TO 9 m², 230 Vac



PLUS


230 Vac motor, with pre-installed opening and closing limit switch

External release for easy manual unlock from outside







With slowdown function, granting doors integrity

Water resistant SUB remote control included

MODELS

CODE	DESCRIPTION	WEIGHT	PCS PALLET
KBS52PS	Kit for spring and counterweight overhead doors up to 9 m ² , 230 Vac motor, control unit with slowdown function (with control unit CT102B)	26kg	16
 KBS5224PS	Kit for spring and counterweight overhead doors up to 9 m ² , 24 Vdc motor, control unit with slowdown function (with control unit CT10224)	26kg	16

KIT COMPONENTS

						
	BLINDO	RX4K	SUB-44WR	BDNS	ST-1800	TZ-1500
KBS52PS	• 1 PC	•	• 2 PCS	• 2 PCS	•	•
KBS5224PS	• 1 PC	INTEGRATED	• 2 PCS	• 2 PCS	•	•

