

**P-100SPIN12LQ**

Low-voltage gearmotor for overhead doors with encoder. Complete with control unit (K995MA-B) also preset for connecting BUS technology accessories, single-channel 433.92 MHz rolling code radio receiver and integrated LED courtesy light.

P-100SPIN12L

DC garage door opener.



**Accessories for
SPIN series**
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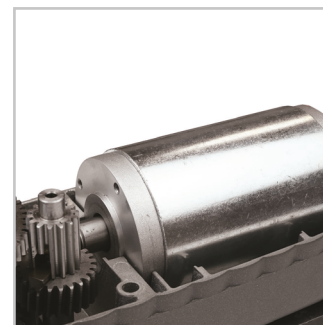
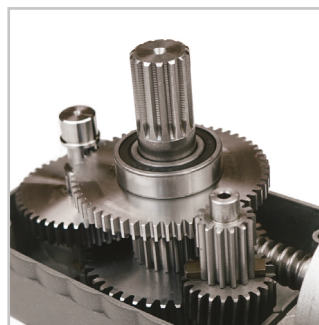
Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights
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FEATURES:

- residential/apartment building use
- low voltage DC motor
- optical encoder technology
- electronic control unit with built-in radio receiver
- manual release mechanism
- courtesy light with time delay
- built-in open/close buttons (P-100SPIN12LQ)

PROS:

- obstacle detection and crush prevention
- in accordance with EN 12453 standards
- works even during power outage thanks to the optional backup battery
- fast operating speed
- intensive use
- soft stop
- irreversible gate operator
- small and compact to grant the widest opening of the garage door
- auto-learning of the door stroke through optical encoder
- possibility to use standard and/or BUS accessories



PRACTICALITY OF USE

The door opener with built-in electronic control unit features two pushbuttons to open/close the door from the inside, as well as an efficient courtesy light with time delay.

EASY INSTALLATION

Quick and easy installation thanks to the built-in electronic control unit (no visible wires).

GEARS

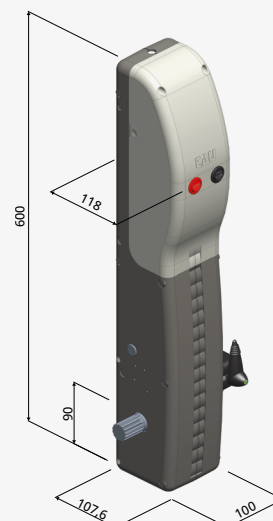
A reduction of seven gears, entirely of carbon steel, guarantees absolute torque and resistance.

MOTOR

Low-voltage gearmotor, silent and suitable for intensive use.

Technical features	SPIN12L	SPIN12LQ
Power supply	230 V AC (50 - 60 Hz)	
Motor power supply	18 V DC	
Open circuit voltage	0,9 A	
Power rating	200 W	
Opening time 90°	11 s	
Duty cycle	100 %	
Operating temperature	-20° C ÷ +55° C	
Motor thermal protection	-	
Degree of protection IP	IP 40	
Max. door surface	10 m² with one operator - 16 m² with two operator	
Electronic control unit	-	K995MA-B
Gearmotor weight	7,6 Kg	9,5 Kg

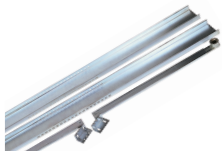
TECHNICAL DRAWINGS



ACCESSORIES

ASSEMBLY ACCESSORIES

Side mounting



P-150KITB1D1S
Side Mounting Kit (2 P-150L16S + 2 150BDL1 with a 50mm bushing)



P-150KITBCL1
Kit consisting of n. 2 telescopic curved side arms with a 50 mm bushing



P-150KITBDL1
Kit consisting of n. 2 straight telescopic side arms with a 50 mm bushing and screw-on bracket



P-150KITBDLM
Kit consisting of 2 oversized telescopic straight side arms with a 35 mm bushing

Central mounting



P-150KITB1S
Central mounting (single opener) installation kit (1 x P-150L16S, 2 x 150BD, 2 x P-150T1)



P-150T1
1500 mm long $\varnothing=33,7$ mm pipe with bushing. Product compatible with: P-150KITBD and P-150KITBC



P-150T2
2000 mm long $\varnothing=33,7$ mm pipe with bushing. Product compatible with: P-150KITBD and P-150KITBC



P-150KITBD
2 x central mounting (single opener) telescopic arms with brackets. Can be combined with: P-150T1/P-150T2

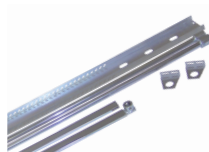
P-150KITBC
2 x central mounting (single opener) telescopic curved arms with brackets. Can be combined with: P-150T1/P-150T2

Easier side mounting



P-150KITBCMS
Side mounting (twin openers) curved arms kit. Easy installation

Easier central mounting



P-150KITB1SP1
Central mounting kit. Easy installation. [1 P-150L16S, 2 telescopic arms, 2 P-150T1-25 (l=1500 mm)]



P-150T1 -25
Pipe with bushing $\varnothing = 25$ mm, l=1500 mm
Product compatible with: kit P-150KITB1SP1



P-150T2 -25
Pipe with bushing $\varnothing = 25$ mm, l= 2000 mm
Product compatible with: kit P-150KITB1SP1

P-150KITB1SP1BC
Kit consisting of 2 curved arms and spar for simplified central mounting

COMMON ACCESSORIES



P-150L06S
Support, 600 mm

P-150L16S
Support, 1600 mm

P-150L25S
Support, 2500 mm



P-150SESP
External emergency release device with cable



P-150SESPIN
External emergency key release device



P-900KICM120
Safety edge l=1,2 m

P-900KICM180
Safety edge l=1,8 m



P-900KONT120
Controlled safety edge l=1,2 m (8,2 kΩ)

P-900KONT180
V Controlled safety edge l=1,8 m (8,2 kΩ)



P-900CUBE
Wall-mounted flashing light with white led, low voltage version 12-18-24 V DC



P-150KITCPB
Set of 6 counterweights (1,7 kg each)



M-030Z15G000
Pedestrian door micro-switch to be used with P-200SWITCHBUS



P-250ENCSP
Optional encoder kit for P-100SPIN12L and P-100SPINL



P-900OPTIC
Set of infrared safety photocells, 12/24 V, surface mount, beam alignment adjustable up to 15°, up to 20 m range



P-300TCODE
Cable digital keyboard with backlit keys and BUS signal transmission complete with decoder



P-300TKEY
Surface mount die-cast aluminium key switch

COMMON ACCESSORIES WITH BUS TECHNOLOGY



P-300TKEYBUS
Die-cast aluminium key switch with BUS technology



P-900CUBEBUS
Wall-mounted white led flashing light with BUS technology



P-900OPTICBUS
Set of surface mount infrared safety photocells, 12/24 V with BUS technology



P-300TCODEBUS
Cable digital keyboard with BUS signal transmission to be connected directly to the control unit



P-200SWITCHBUS
Connection interface for open/close/stop keys with BUS technology

18 VOLT ACCESSORIES



P-200K995MA-B
Electronic control unit for 1-2 DC motors with BUS technology, built-in radio receiver and enclosure. To be combined with P-250ENCSP encoder kit



P-200KB2
Kit consisting of battery charger card for P-100SPIN12LQ with case. (The K-200BATT battery is to be purchased separately)



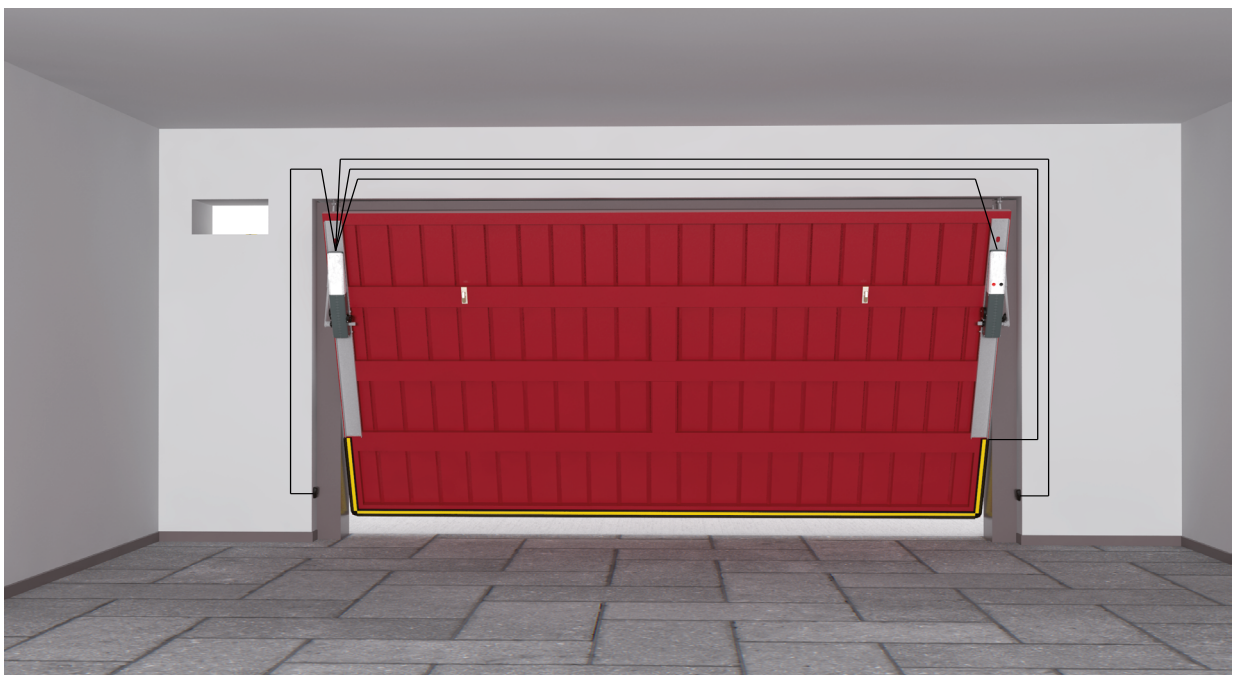
P-200K893M
Electronic control unit for one or two 230 V up-and-over garage door openers with soft-stop, built-in 433,92 MHz radio receiver and enclosure. To be combined with P-250ENCSP encoder kit

TECHNICAL DRAWINGS

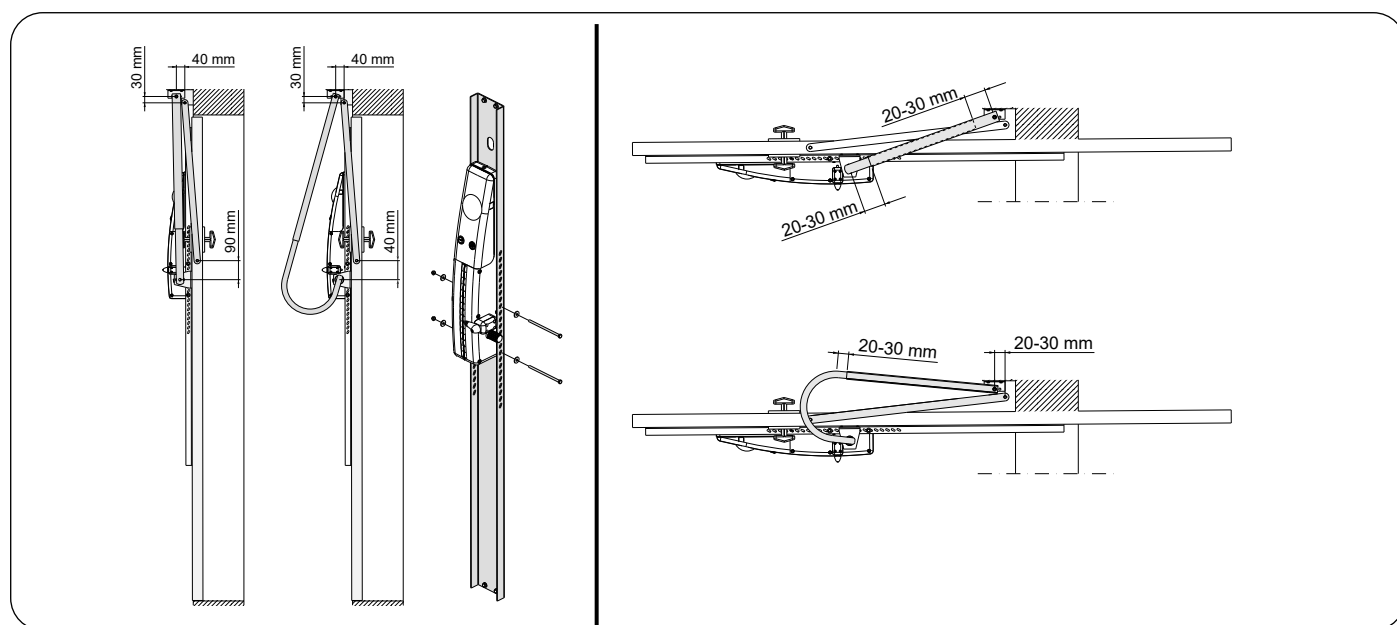
TYPICAL SYSTEM
WITH CENTRAL MOUNTING



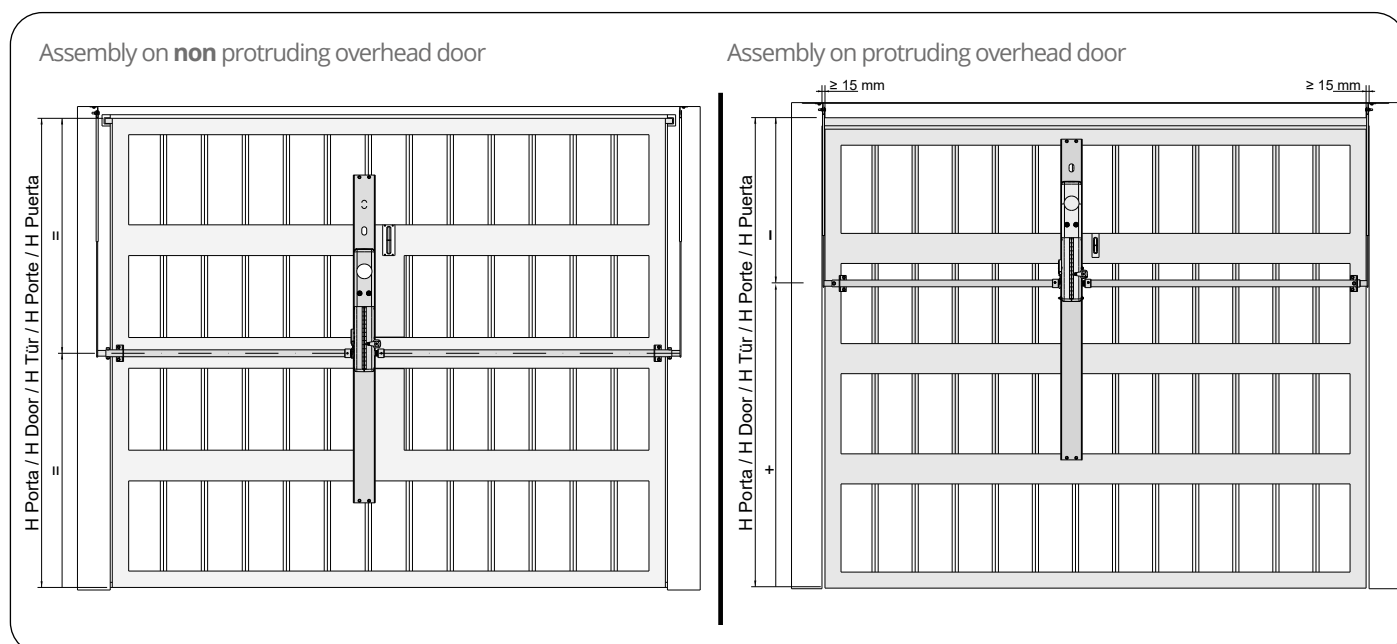
TYPICAL SYSTEM
WITH SIDE MOUNTING



INSTALLATION SIZES (MM)



INSTALLATION EXAMPLES



Use and maintenance manuals



SPINL



K995MA-B



K893M