

GARAGE OPERATOR **TSKY1-B**

(Traction force 1000 N)

DC
MOTOR

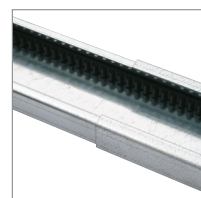
Sectional and up-
and-over garage
doors up to 16 m²

Speed
0,20 m/s



P-100TSKY1-B

Low-voltage gearmotor (1000 N traction force) for sectional and overhead doors. Complete with control unit also preset for connecting BUS technology accessories, single-channel 433.92 MHz rolling code radio receiver, and courtesy light.



**Accessories for
TSKY series**
Page 130 - 131



Further accessories:
Transmitters Page 222
Photocells Page 228
Flashing lights
Page 232

FEATURES:

- residential use
- traction force 1000 N
- low voltage DC garage door opener
- optical encoder technology
- electronic control unit with built-in radio receiver
- manual release mechanism
- compact sliding guide: 3 cm thick

PROS:

- higher torque
- ideal for large garage doors
- in accordance with EN 12453 standards
- intensive use
- 90° installation of the motor unit possible thanks to the adjusting head of the operator
- pre-programmed electronic control unit
- exclusive "push & flip" opening system
- auto-learning of the door stroke through magnetic encoder
- possibility to use standard and/or BUS accessories



POSSIBILITY OF 90° INSTALLATION

To make up for the lack of space, the motor can be installed turned by 90° (right or left) with respect to the rail.



FAST AND EASY INSTALLATION

The rail group, already mounted with belt driven or chain, is completely independent from the gearmotor. You will only need to plug the motor itself on the rail.



AUTOMATION UNDER CONTROL

The magnetic encoder allows the limit switches control and the obstacle detection. The 433.92 MHz radio receiver (stores up to 30 transmitters with "Rolling Code" technology – can not be cloned) and the 2-channel transmitter complete the standard kit.

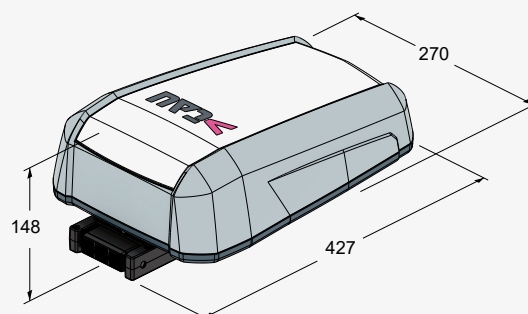


TAMPER-PROOF SYSTEM (Optional)

The anti-lift device is operating in mechanical way, so, even without power supply, is automatically activated when there is an outside intrusion attempt. (P-150AETSKY).

TECHNICAL DRAWINGS

Technical features	TSKY1-B
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	24 V DC
Open circuit voltage	1,5 A
Power rating	110 W
Max. operating speed	0,20 m/s
Lifting force	90 Kg
Duty cycle	100 %
Operating temperature	-20° C ÷ +55° C
Degree of protection IP	IP 40
Traction force	1000 N
Electronic control unit	K995MA-S
Gearmotor weight	4,3 Kg





KIT

DC MOTOR

Up to
1000 N

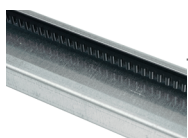
Belt drive rail kit

K-T-SKYKIT1BBT

Complete kit with DC gearmotor (traction force 1000 N) for sectional doors and up-and-over doors



Accessories included in the kit:



P-100BINBELT-T Belt drive rail (single piece of 2900 mm)



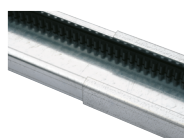
P-250K-SLIMRP Two-channel transmitter, rolling code technology, 433,92 MHz

K-T-SKYKIT1BB3T

Complete kit with DC gearmotor (traction force 1000 N) for sectional doors and up-and-over doors



Accessories included in the kit:



P-100BINBELT3-T Belt drive rail (3 pieces of 1 m each)



P-250K-SLIMRP Two-channel transmitter, rolling code technology, 433,92 MHz

Chain drive rail kit

K-T-SKYKIT1BCT

Complete kit with DC gearmotor (traction force 1000 N) for sectional doors and up-and-over doors



Accessories included in the kit:



P-100BINCHAIN-T Chain drive rail (single piece of 2900 mm)



P-250K-SLIMRP Two-channel transmitter, rolling code technology, 433,92 MHz

K-T-SKYKIT1BC3T

Complete kit with DC gearmotor (traction force 1000 N) for sectional doors and up-and-over doors



Accessories included in the kit:



P-100BINCHAIN3-T Chain drive rail (3 pieces of 1 m each)

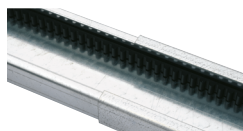


P-250K-SLIMRP Two-channel transmitter, rolling code technology, 433,92 MHz

ACCESSORIES

ASSEMBLY ACCESSORIES

Belt drive rail



P-100BINBELT-T
Belt drive rail (single piece of 3000 mm)

P-100BINBELT3-T
Belt drive rail (3 pieces of 1 m each)

P-100BINBELT350-T
Belt drive rail (single piece of 3550 mm)

P-100BINBELT4-T
Belt drive rail (single piece of 4050 mm)

P-100PROB-T
1 m extension belt drive rail

Chain drive rail



P-100BINCHAIN-T
Chain drive rail (single piece of 3000 mm)

P-100BINCHAIN3-T
Chain drive rail (3 pieces of 1 m each)

P-100BINCHAIN350-T
Chain drive rail (single piece of 3550 mm)

P-100BINCHAIN4-T
Chain drive rail (single piece of 4050 mm)

P-100PROC-T
1 m extension chain drive rail

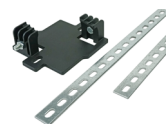
COMMON ACCESSORIES



P-100BANT
Adapter for up-and-over garage doors



P-150AETSKY
Anti-burglary system



P-100BINSUPP-T
Set of additional fixing brackets



P-150SE
External release system to be used together with existing handle. Can be combined with: P-100BANT



P-150SETSKY
External emergency release for sectional door



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



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



K-200KB1
Kit consisting of battery charger card and batteries for P-100TSKY-B and P-100TSKY1-B

COMMON ACCESSORIES 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

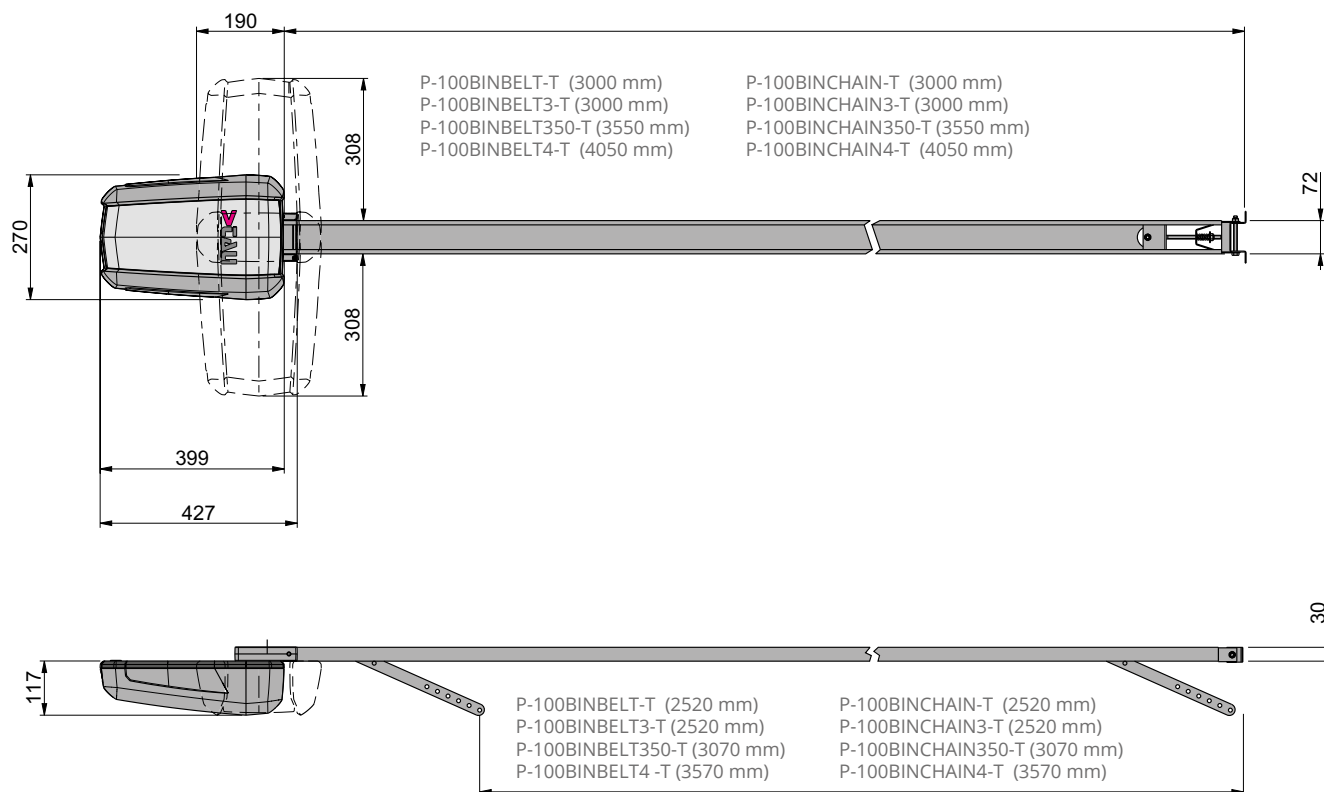


P-300KEYBUS
Die-cast aluminium key switch with BUS technology

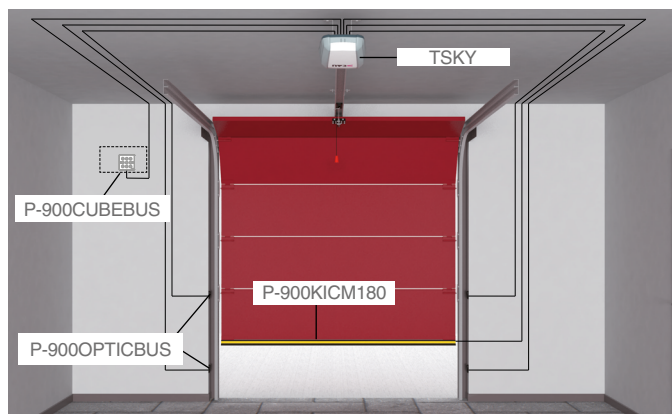


P-200SWITCHBUS
Connection interface for open/close/stop keys with BUS technology

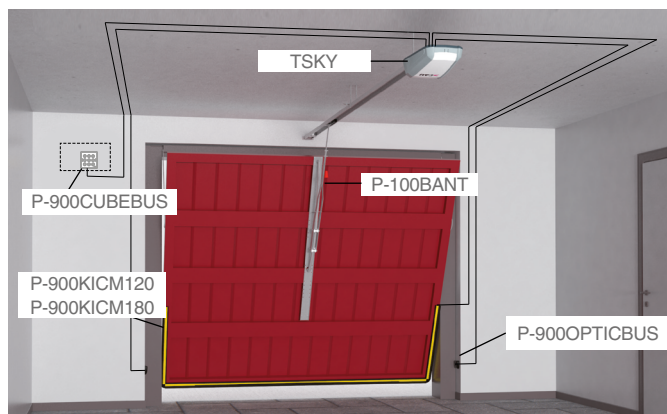
TECHNICAL DRAWINGS



SECTIONAL GARAGE TYPICAL SYSTEM



UP-AND-OVER GARAGE TYPICAL SYSTEM



Use and maintenance manuals



TSKY-B



K995MA-S