

GATE OPERATOR

BIG

40QI

230 V

Up to
4000 kg

Speed up to
18 m/min



P-500BIG40QI

230 V three-phase sliding gate operator with built-in control unit with inverter. Max. gate weight 4000 kg.



**Accessories for
BIG series**
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Further accessories:
Transmitters page 238
Photocells page 243
Flashing lights
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FEATURES:

- commercial use
- for gates up to 4000 kg
- three-phase 230 V operator
- mono-phase 230 V power supply
- soft start and soft stop
- adjustable opening and closing speed of the control unit and inverter
- oil bath vertical pinion operator
- painted steel housing
- manual release mechanism
- mechanical clutch for crush prevention
- available upon request with pinion for M6 rack

PROS:

- suitable for large sliding gates
- higher torque and power thanks to the inverter technology
- self-ventilated operator to increase the working cycle
- metal and bronze gears to increase endurance and reduce noise



GEARMOTOR

Thanks to the oil bath gearbox, the three-phase ventilated gearmotor guarantees intensive and long-lasting use.



UNLOCK

Thanks to the industrial mechanical key, the unlocking maneuver is always feasible even for particularly heavy gates.



ELECTRONICS

The control unit with inverter allows to vary the speed and to program the acceleration and deceleration ramps.

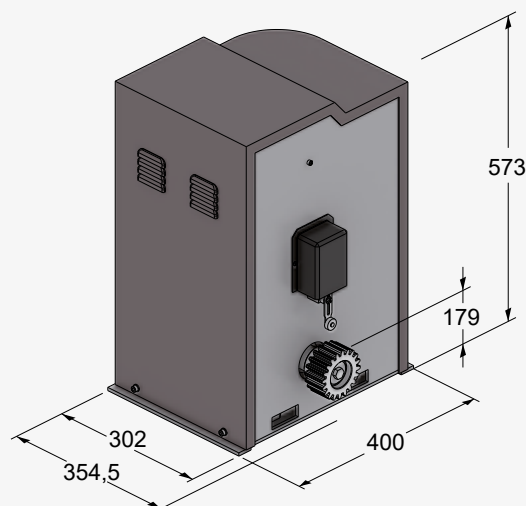


LIMIT SWITCHES

The industrial limit switches, adjustable in height, is suitable for working with any type of rack.

Technical features	BIG40QI
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	230 V AC (three-phase)
Open circuit voltage	3,6 A
Power rating	1500 W
Max. operating speed	adjustable 7 ÷ 18 m/min
Duty cycle	100 %
Operating temperature	-20° C ÷ +55° C
Motor thermal protection	150° C
Degree of protection	IP 54
Max. gate leaf weight	4000 kg
Max. weight cantilever gate leaf	2800 kg
Pinion module	4
Electronic control unit	D820M

TECHNICAL DRAWINGS



ACCESSORIES

BIG SERIES ACCESSORIES



K-400CP25
Counterplate for P-500BIG25QI



K-400CP30
Counterplate for P-500BIG40QI



M-ING0MSTZ12 NEW
Pinion module 6 (P-500BIG25QI)

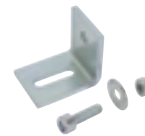


M-ING0000Z12BIG
Pinion module 6 (P-500BIG40QI)



P-550CFZ06
Steel rack 30x30 (Module 6, max 4000 kg) 2 meter sections. Pack of 10 m

P-400CFZ22
Steel rack 22x22 (Module 4, max 3000 kg) 2 meter sections. Pack of 4 m



P-400VSF20
Screws and brackets for P-400CFZ22 (40 units per pkg)



P-400PROFC
Galvanized rack attachment profile. 2 meter sections
Compatible with P-400CFZ22



P-700BAP4
Gate stopper with spring



P-900TWM
Master receiver for central interface (manages up to max. 4 TWCs)



P-900BSD15
Deformable safety edge kit / =1,5 m



P-900TWC
Battery-powered wireless slave transmitter for mobile/fixed sensitive edge (manages up to max. 2 sensitive edges per TWC)

P-900BSD18
Deformable safety edge kit / =1,8 m

P-900BSD20
Deformable safety edge kit / =2 m

P-900BSD25
Deformable safety edge kit / =2,5 m



P-250RXSM2B
Self-learning outdoor radio receiver, 433.92 MHz, two-channel, universal, to be wired with cable (14 code memory)



P-250SM126
Memory card for 126 radio codes



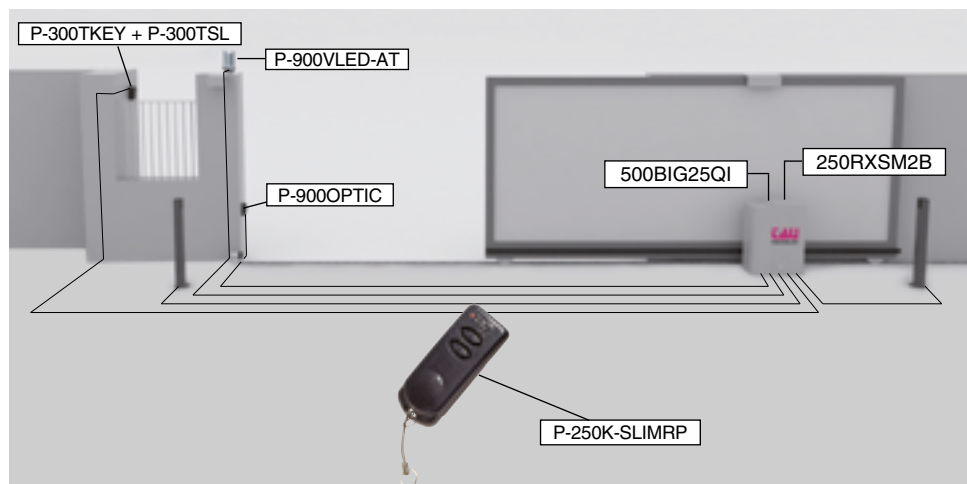
P-900VLED-AT
230 V AC white led flashing light

P-900VLED-ATO
230 V AC orange led flashing light

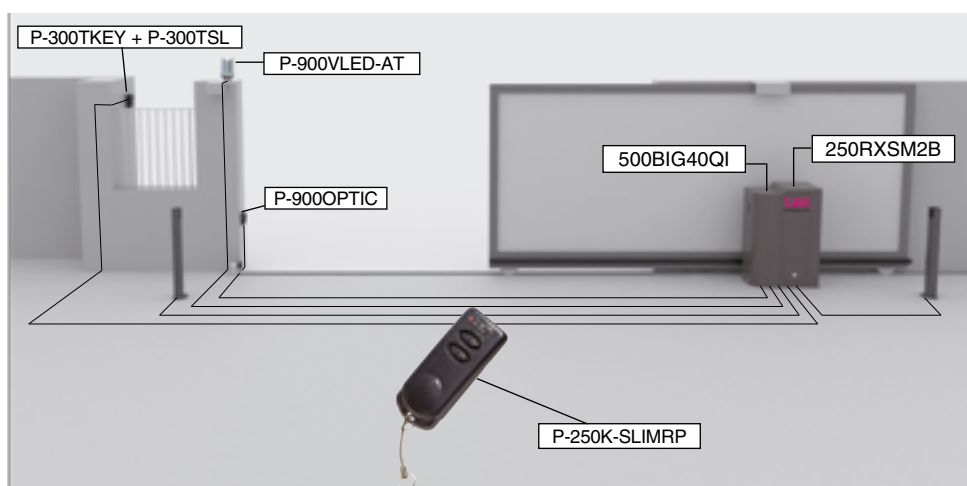


C-CRT
Warning signal

P-500BIG25QI TYPICAL SYSTEM



P-500BIG40QI TYPICAL SYSTEM



CHAIN VERSION

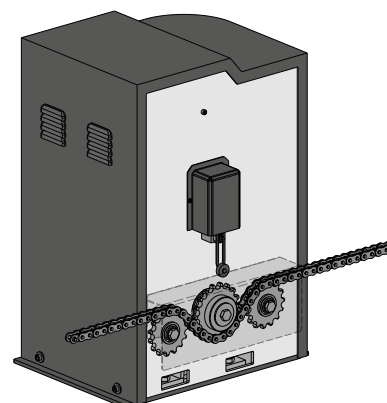
Upon request, the MASTER gearmotor is available with the pinion for chain transmission.

120 VOLT VERSION



AVAILABLE

Upon request, the BIG gearmotor is also available in the 120 Volt version for foreign markets.



Use and maintenance manuals



BIG



D820M