

GATE OPERATOR

BIG

40QI

230 V

Up to
4000 kg

Speed up to
18 m/min



500BIG40QI

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



MADE IN
ITALY

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 SWITCH

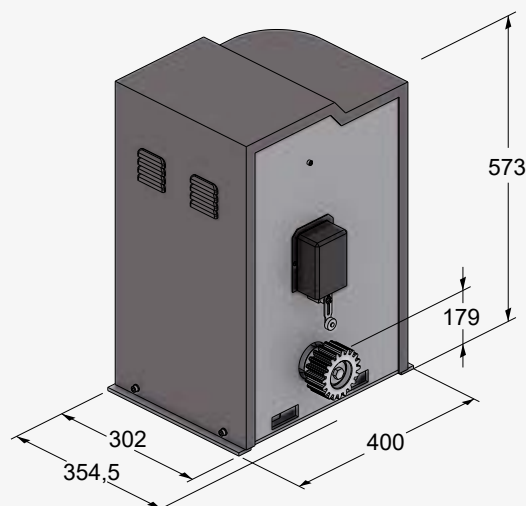
The industrial limit switch, adjustable in height, is suitable for working with any type of rack.

TECHNICAL DRAWINGS

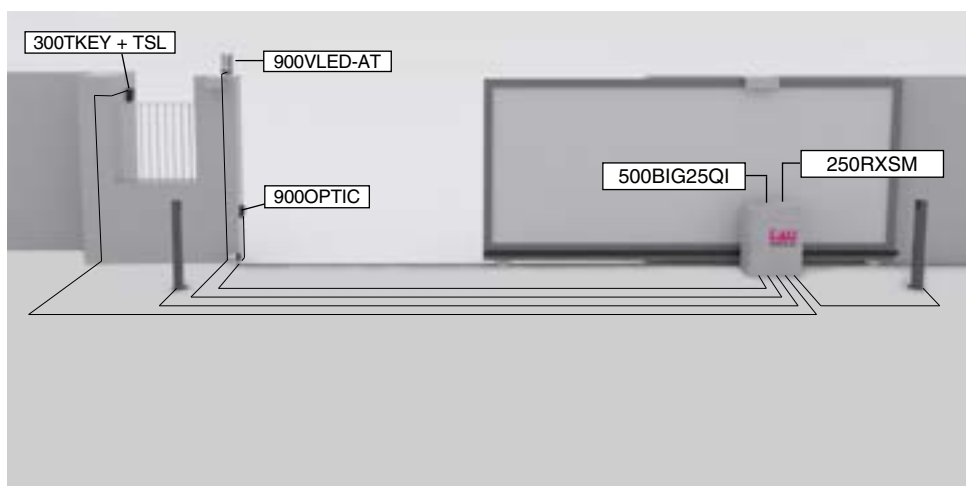
Technical features

BIG40QI

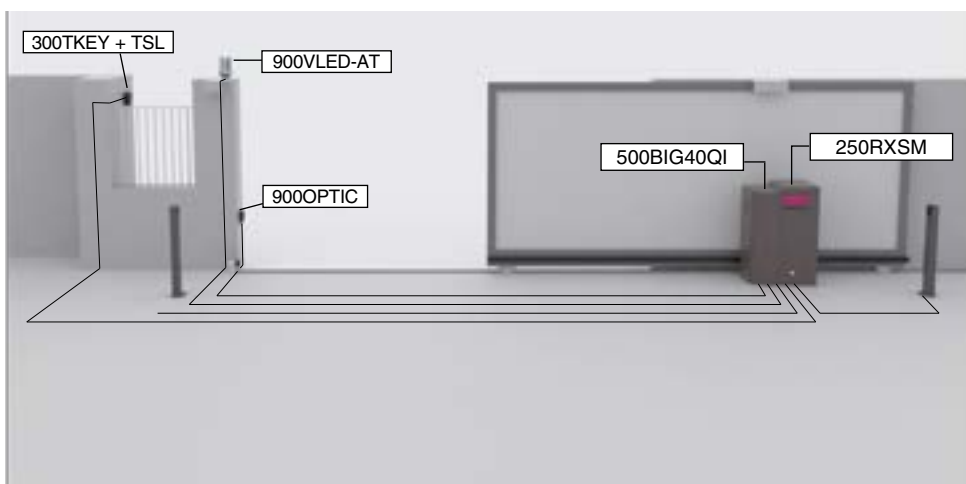
Power supply	230 V AC (50 - 60 Hz)
Motor power supply	230 V AC
Open circuit voltage	3,6 A
Power rating	1500 W
Max. operating speed	adjustable 7 ÷ 18 m/min
Duty cycle	100 %
Operating temperature	-20° C ÷ +55° C
Motor thermal protection	150° C
Degree of protection	IP 54
Max. gate leaf weight	4000 kg
Max.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



BIG25QI TYPICAL SYSTEM

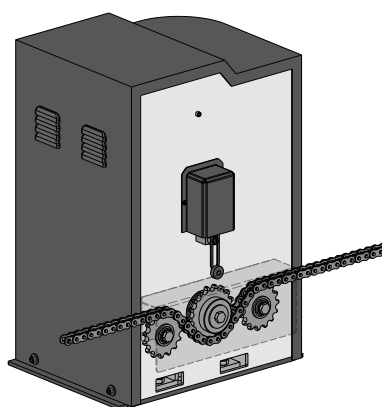


BIG40QI TYPICAL SYSTEM



CHAIN VARIANT

Upon request, the BIG gear motor is available with the pinion for chain transmission.



Use and maintenance manuals



BIG



D820M