

TP-SLO 3500 SLIDING GATE OPERATOR



GENERAL INFORMATION

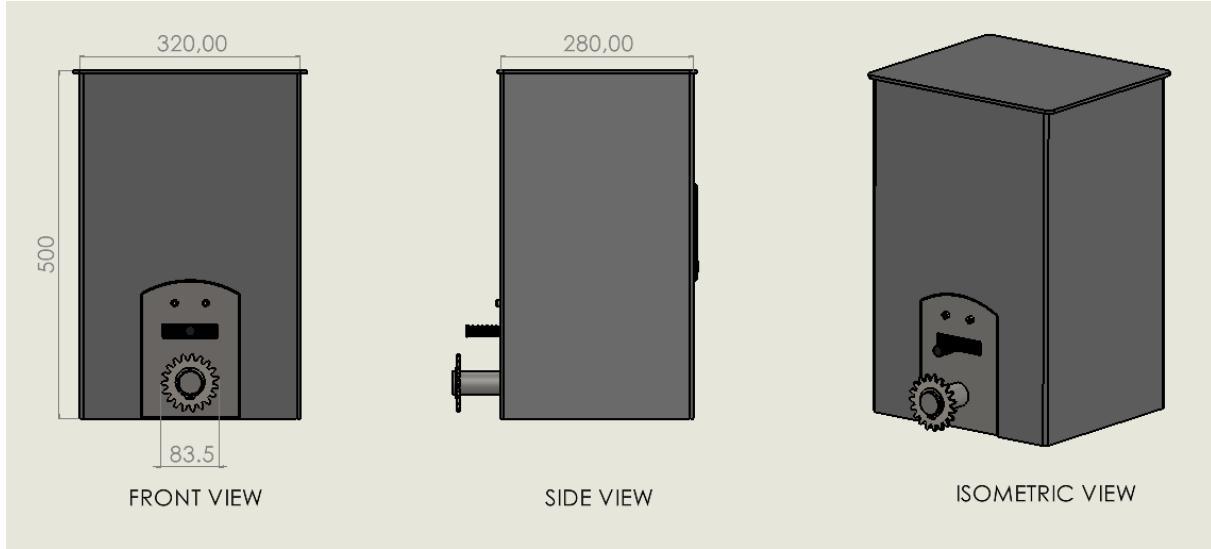
TP-SLO series sliding gate operator is designed for heavy traffic gates up to 3500 kg weight. Cabinet is manufactured from 2mm thick sheet metal, galvanized, electrostatically epoxy powder coated. Thanks to the PLC Inverter controller, start or stop motion can be done with all kinds of card readers, biometric readers, radio control, key switches, etc. Closing can be done remotely with the control system, or it can be done automatically at a specified time with the time delay feature.

Thanks to its special electronics design, it provides the possibility to stop by slowing down by memorizing the length of the door. The system has the feature of emergency closing.

MAIN CHARACTERISTICS

- Adjustable speed modes (Slow, Medium, Fast, Very Fast), including fast closing and opening modes,
- Capacity of handling 3500 kg maximum gate weight,
- With its modular structure, the system provides ease of disassembling, transportation and installation,
- Automatic calibration (Slowing down before stopping by sensing the stroke distance of gate),
- Easy to install, low maintenance cost,
- During a power failure, it can be controlled manually by knob-operating releasing mechanism,
- Have an aesthetic and elegant design,
- Can be integrated with other access control systems,
- Robust structure can resist to harsh environmental conditions,
- Thanks to the engineering approach and experienced staffs, unique and practical solutions are provided according to site requirements and demands,
- When compared to conventional sliding vehicle gates, this gate system provides different adjustable speed modes including rapid closing emergency speed mode.

TECHNICAL SPECIFICATION



PHYSICAL CHARACTERISTICS

CASE DIMENSIONS	320mm x 280mm x 500mm (W x L x H)
MECHANISM	Drive unit consists of electric motor, reducer (gearbox), mounting parts, rack gear
CASE	Manufacture of 2 mm thickness of electrostatic painted DKP steel sheet plate case
TOP COVER	5 mm thickness of electrostatic painted DKP steel sheet plate (standard)
MECHANICAL ELEMENTS	Stainless steel, aluminum, galvanized coating, plastic materials are preferred for the mechanical elements of mechanism according to requirements

OPERATIONAL CHARACTERISTICS

OPERATION	Electromechanical
POWER (MOTOR)	220 VAC, 50 - 60 Hz, 1Phase, 0,75 kW
SPEED	Adjustable 3 different operation speed modes: - Low speed operation 6 m/min - Middle speed operation 12 m/min - High speed operation 18 m/min
OPERATION FREQUENCY	Intensive usage
CONTROL	PLC inverter control system has motor, driver and electromechanical switch
EMERGENCY OPERATION	Sliding gate systems allow free pass in emergency, fire alarm etc. situations.
EMERGENCY FAST OPERATION	Emergency fast closing 27 m/min (optional)
POSITION DETECTION	Electromechanical Limit Switch
SAFETY	Photocell / Loop detector
MANUEL OPERATION	Mechanical release thanks to personal key
OBSTACLE DETECTION	Gate can detect obstacles in both direction and reverse operation instantly (optional)

RESISTANCE CHARACTERISTICS

PROTECTION CLASS	IP 65
ENVIRONMENTAL CONDITIONS	Durability in various harsh environmental conditions like extreme colds, high temperatures (-20 °C / +70 °C)

CERTIFICATIONS AND WARRANTY

CERTIFICATIONS	ISO 9001:2015, ISO 14001:2015, OHSAS 18001, CE, TSE
WARRANTY	2 years