

ipdoor



# TETHYS

MECHANICAL ACTUATOR FOR SWING GATES

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SWY

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## MECHANICAL ACTUATOR FOR SWING GATES

**Tethys** is the perfect irreversible linear actuator for automating swing gates up to 3 meters. Available in 230V and 24V versions, including a High Speed option, Tethys combines high-quality materials and reliable mechanics to ensure long-lasting performance and advanced security.

### DESIGN

The die-cast external casing of Tethys enhances the quality of its design, offering an **elegant appearance and superior resistance to weather conditions**, perfectly integrating into any architectural context.

### ELECTRONICS

The spacious electrical compartment and smart cable passage **facilitate quick and practical installation**, while the High Speed version ensures fast opening and closing, improving access efficiency.

### MODULARITY

Tethys provides **modular components that allow for customization of the installation**, including the option to add a key cylinder for more secure unlocking access or choose the version with the cylinder already mounted.

### MECHANICS

With a force developed up to 2300N and quiet yet reliable mechanical components, Tethys **ensures smooth and secure operation**, without the need for ground stops, standardizing the opening.

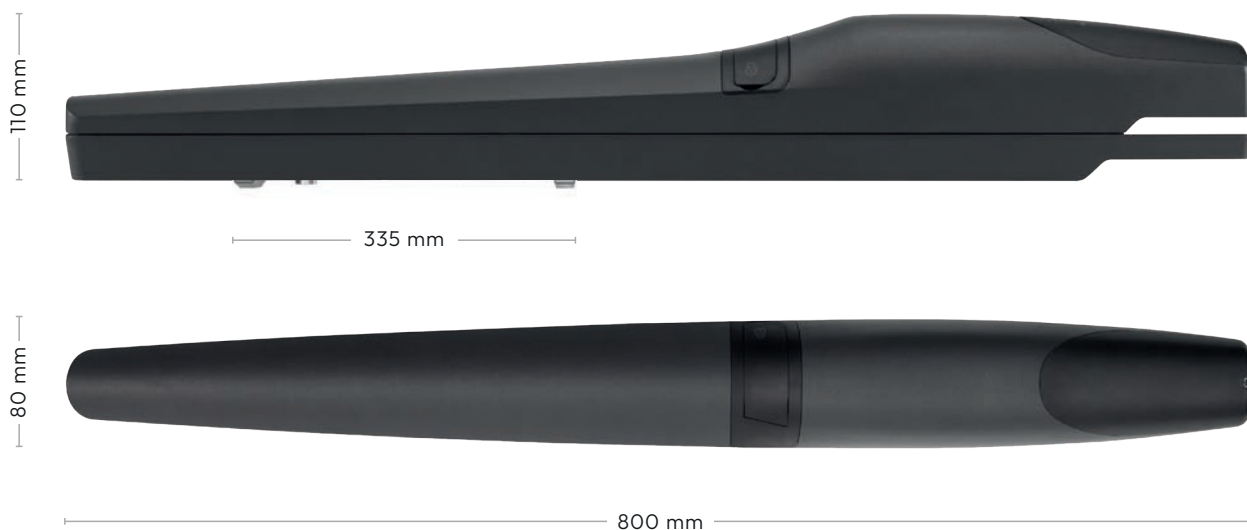
## COLORS



ANTHRACITE

# TECHNICAL FEATURES

		SWY2330M0500	SWY2430M0500
MECHANICAL FEATURES	CAPACITY	3mt	3mt
	SUPPLY VOLTAGE	230VAC	24VDC
	IP GRADE	IP44	IP44
	WEIGHT	6,5kg	6,5kg
	OPERATING TEMPERATURE	-20/+55°C	-20/+55°C
	OPENING TIME	19,0sec	16,5sec
	CURRENT CONSUMPTION	1,60A	2,75A
	MAXIMUM INITIAL POWER CONSUMPTION	300W	120W
	PUSH	2300N	2000N
	DUTY CYCLE	30%	60%
	CAPACITOR	10µF	x



# EXPLORE THE FEATURES AND OPTIONS

## 1 ADVANCED SAFETY

Tethys raises the safety standard for swing gates with its custom key unlocking system. This feature not only prevents unauthorized access but also ensures that, in case of an emergency, manual opening is quick and straightforward, thus guaranteeing a safe and timely exit



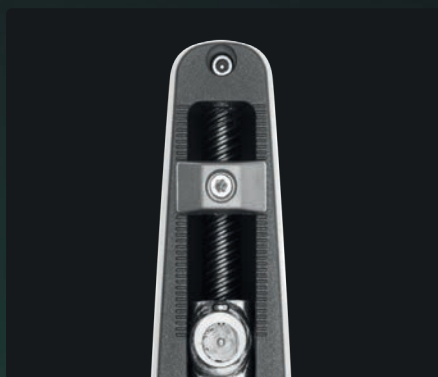
## 2 PRACTICAL INSTALLATION

The installation of Tethys is made particularly practical by the spacious electrical compartment and the cable passage located at the bottom of the actuator, allowing for a quick and smooth installation. The option to choose between the standard and the High Speed version also allows the motor to be adapted to specific opening requirements, ensuring an optimized user experience and greater efficiency in the daily use of the gate



## 3 QUALITY DESIGN

The design of Tethys, featuring a die-cast external casing, not only gives the motor an aesthetically pleasing look but also provides superior resistance to weather conditions. This design choice ensures that Tethys perfectly integrates with the gate's aesthetics and the surrounding environment, maintaining its performance over time.



MECHANICAL STOPS



ELECTRICAL COMPARTMENT



REAR CABLE GLAND

# INTEGRATED ACCESS CONTROL ECOSYSTEM

- ✓ REMOTE CONCIERGE MANAGEMENT
- ✓ LOG MANAGEMENT: IMAGE HISTORY
- ✓ INTEGRATION WITH KONE ELEVATORS



DISCOVER MORE

## 1 OUTDOOR DEVICES

Video intercom calling;  
Door and gates control;  
Access control for residents or workers;  
Welcoming temporary guests;

## 2 INDOOR DEVICES

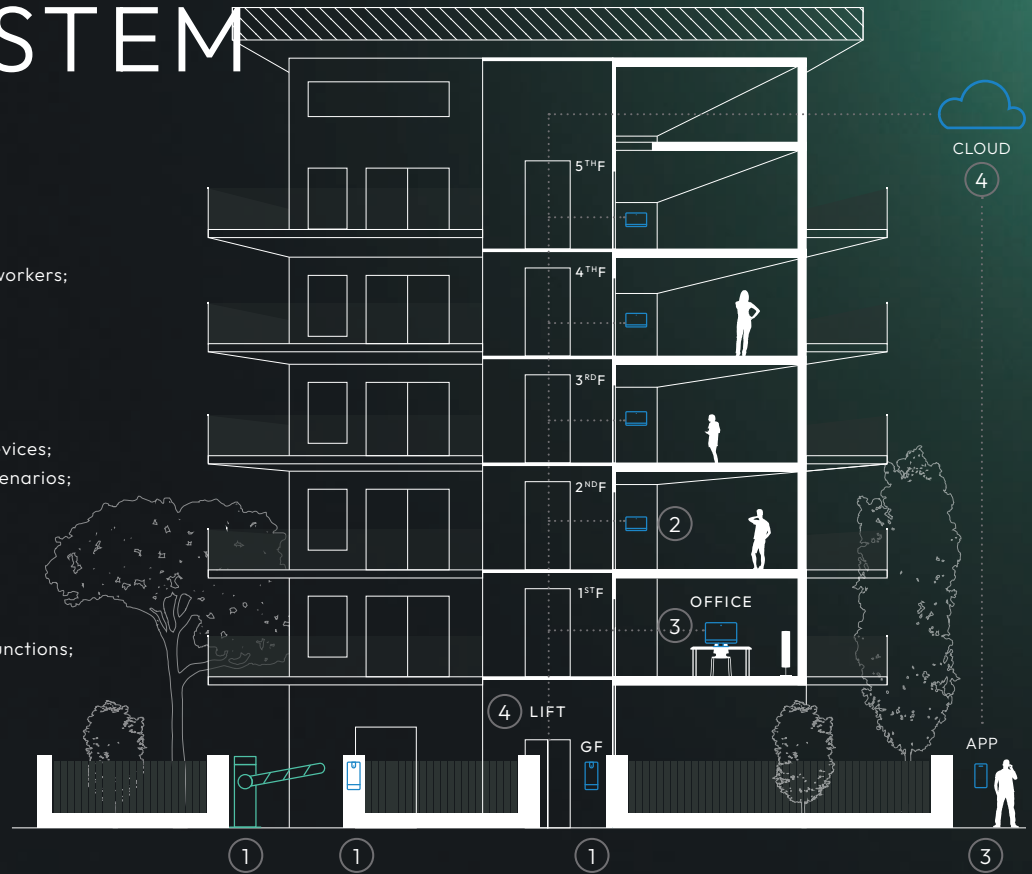
Answering video intercom calls;  
Commanding physical access devices;  
Controlling home automation scenarios;

## 3 SOFTWARE FOR REMOTE INTERACTION:

Mobile app with enhanced UX;  
Computer app for centralized functions;  
Concierge services;

## 4 API INTERFACES

Cloud and local interaction with  
third-party devices.



Our products are designed to integrate perfectly with the IpDoor system, thanks to the optional WiFi integration. This synergy offers fundamental advantages for optimal control and advanced management of the access point.

## INTEGRATIONS

Thanks to IP technology and open APIs, the IpDoor system has high design flexibility, allowing you to integrate third-party systems in a secure and flexible way. This allows you to expand

and customize, with other smart devices, a project without limitations, enriching your daily life with comfort and cutting-edge technology.

## REAL-TIME DIAGNOSTICS

Real-time monitoring of the status and functionalities is possible. This advanced system provides detailed data and information on the operation of the plant, allowing for efficient maintenance and quick resolution of any problems or malfunctions. Predictive diagnostics and maintenance are facilitated

by the development of a reliable system, managed through a proprietary console, thus ensuring an optimal user experience and simplified management of assistance, even remotely thanks to the intuitive control and monitoring app.

## HOME AUTOMATION AND SCENARIOS

IpDoor allows the creation of automated scenarios for access management, ensuring greater security and more flexible and personalized control. IpDoor transforms every environment into a more connected and responsive space to individual needs, creating transit flows and automations that allow entry

and movement in a fluid manner. Easy, like arriving home, seeing the front door opening, the driveway lights turning on, the entrance door opening and the elevator already ready to take me to my home floor.

MADE IN ITALY

DESIGN BY MISURAUINO.IT

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IPDOOR IS A BRAND OF XM WORLD



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