



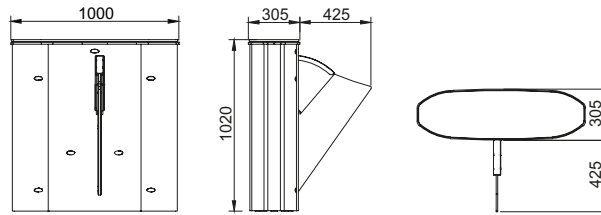
Different net passage width options can be created.

Technical Features

Place of Use	Indoors.	
Operating Temperature, Humidity	-20°C/+68°C (opt. -50°C with heater positive), RH 95% non-condensing.	
Operating Intensity	100%, 7/24 use.	
Material Specifications	Body	304 grade (opt. 316 grade) satine brushed stainless steel.
	Top Lid	Lockable 10 mm black tempered glass (opt. other materials), choice of top lid hollowed for surface mounted access control device is also available.
	Wings	RGB LED illuminated 10 mm tempered glass.
Indicators	Passage / Direction Indicators : Smart animated colored LED indicators that slides on passage direction under the top lid. Sound System : With new sound module, all intended sound can be uploaded in the system.	
Power	Operating Voltage : 110/220V AC 50/60 Hz. (±10%), 24V DC. Consumption (single) : ~12W at stand-by, max ~45W Consumption (center) : ~ 24W at stand-by, max ~45+45W (varies according to the options and accessories used)	
Operating Modes	System operates bi-directionally (entry-exit). Operating modes can be adjusted through the buttons and screen on the control card. Entry - exit controlled Entry - exit free Entry controlled, exit free Exit controlled, entry free	
Operating System	Suitable for passage with wheelchairs, suitcases and trolleys with clear passage width up to 900 mm. Electromechanical motorised system with electronic torque and sensor controls that provides wing movement retracting inside the body for rapid passages. Thanks to the recently developed smart sensors, the system is minimally affected by external light sources. Thanks to the "bus" communication infrastructure, very few cables are required and the number of sensors can be increased. A passage lane consists of min. 2 pieces of single units facing each other. Electromechanical motorized wings are closed at stand-by. Person requests authorisation from the access control device (3rd party device) connected to the gate's entry system. Upon authorisation, wings open, passage of the person is monitored by the multi-sensors along the passageway and wings close upon completion of the passage. In case of subsequent access authorisations, wings keep open until the last person completes his passage and then close. Wings do not move and do not harm the person in case the person is between the wings thanks to the sensors. In addition, electronic torque control system is continuously active during closing of the wings. Systems generates audio/visual alarm in case of tailgating or illegal passage attempts. With rail system, electronic control card easily accessible from the top lid. System message codes can be monitored from the internal diagnostic screen.	
Control System	All functions, parameters and operating modes can be adjusted through the buttons and OLED screen on the monobloc control card. All inputs are opto-coupler protected. Controllable by dry contact (ground control). Compatible with all kinds of access control device. Optional RS232, RS485 or TCP/IP module is available.	
Flow Rate	Wing opening / closing time : ~0,8 sec. Free passage mode : ~60 pass/min. Nominal : ~30 pass/min. (passage rate can change depending on the access control system utilized)	
Emergency Mode	Wings provide a free passageway by automatically retracting inside the body (fail safe). Works compatible with fire warning and similar systems. At the end of an emergency situation, system returns to its normal operating mode.	
Power-off Situation	Wings provide a free passageway by automatically retracting inside the body through internal battery (fail safe).	
Weight	Single : ~70 kg Center : ~85 kg	
Optional Features and Accessories	Wireless remote control (receiver-transmitter), manual control, card reader mounting bracket, heater positive, top lid weight sensor, bottom plate, battery back-up, 316 grade stainless steel, RS232-RS485-TCP/IP modules, different outer body materials (mirror black, bronze, etc), motorized card collector unit and card collection box.	

Dimensions (mm)

HG 02 DP V3:SINGLE UNIT (LEFT OR RIGHT)



HG 02 DP V3:CENTER UNIT

