

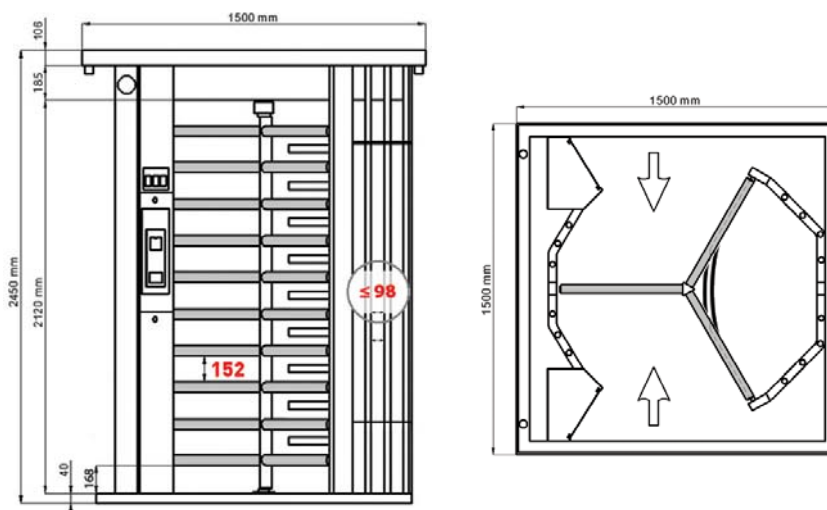
Full Height Turnstiles **3 ARMS (120°)**



DK 300



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6W. max. ~16,2W.
- Arm Features** : Three-section rotor (120 degrees). Each section contains ten Ø48x2mm 304-Grade stainless steel. (Opt. 316-Grade stainless steel)
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, Complying to UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 passages/minute;
Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : DOT matrix direction-status indicators and scrolling text, LED illumination on the ceiling, roof with 3 rain gutters, floor covered with non-slip aluminium (h=45 mm), **Side Console** contains three compartments with separate lids (Top Compartment: Intercom satellite unit and passage pictograms, residual current protected energy input and turnstile control boards; **Middle Compartment**: Independently lockable lid for access control device and ergonomic design for reader connection (opt. reader guide); **Bottom Compartment**: Empty space suitable for placing coin collection box, battery pack, etc.)
- Optional Accessories and Applications** : LED Daylight illumination, Solar Panel, Battery Pack, Wireless, Intercom



**Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).*

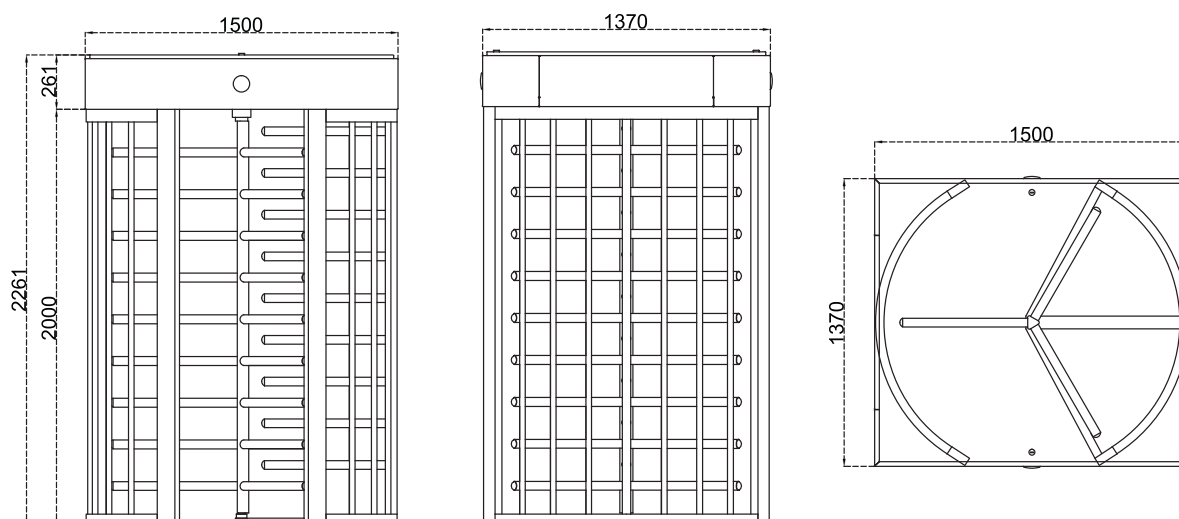




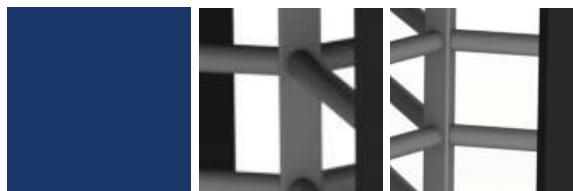
BT 312 S



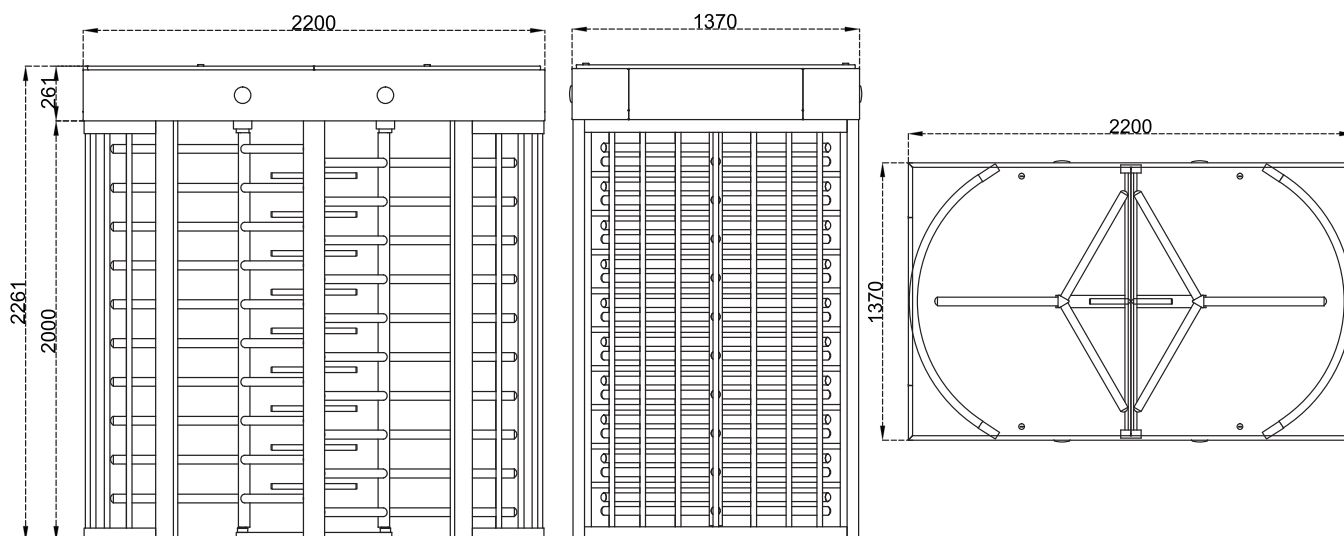
- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6W. max. ~16,2W.
- Arm Features** : Three-section rotor (120 degrees). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (Opt. Hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~ 60 passages/minute; Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction and status indicators.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.



BT 312 D



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC, at standby ~6W. + ~6W. max. ~16,2W. + ~16,2W.
- Arm Features** : A pair of three-section rotors (120 degrees). Each section contains ten Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (Opt. Hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to + 68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 + ~60 passages/minute;
Nominal: ~18 + ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction and status indicators.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.

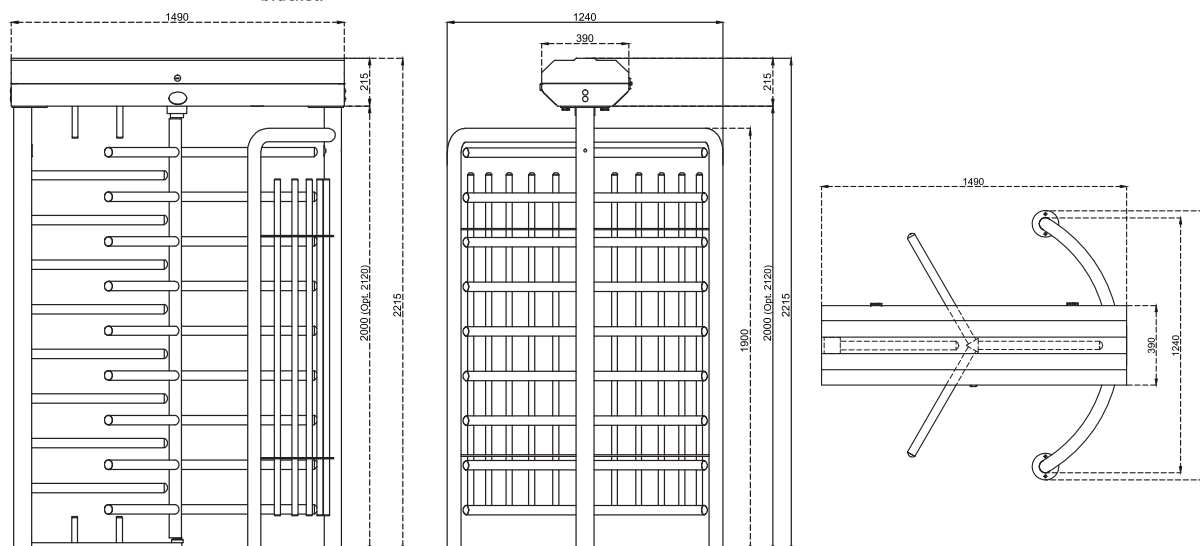




BTX 300 S



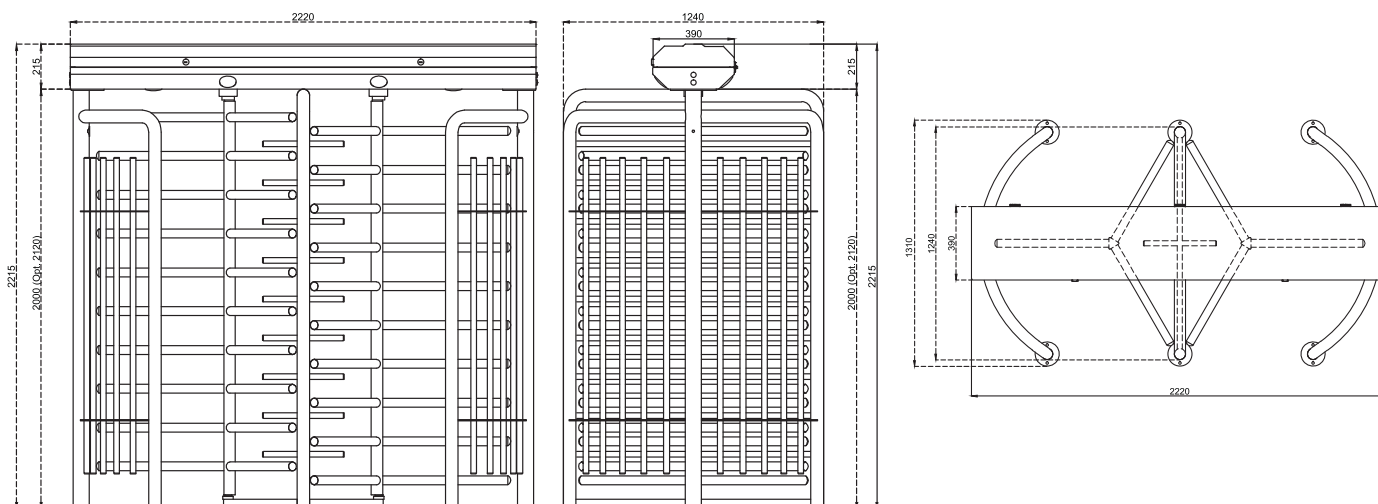
- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6,8W. max. ~17W..
- Arms Features** : Three-section rotor (120 degrees). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~ 60 passages/minute; Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators and down light.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket.



BTX 300 D

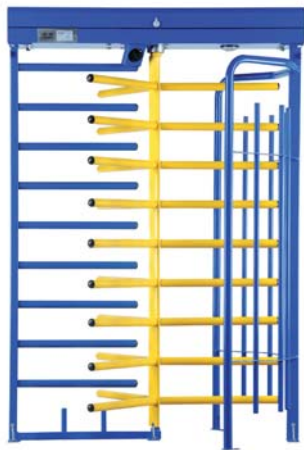


- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6,8W + 6,8W. max. ~17W + 17W
- Arms Features** : Three-section rotor (120 degrees). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 + ~60 passages/minute; Nominal: ~18 + ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators and down light.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket.

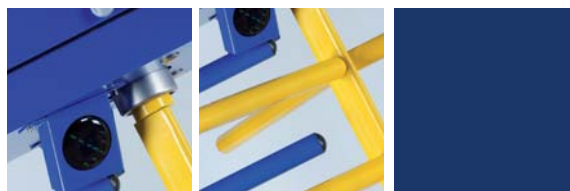


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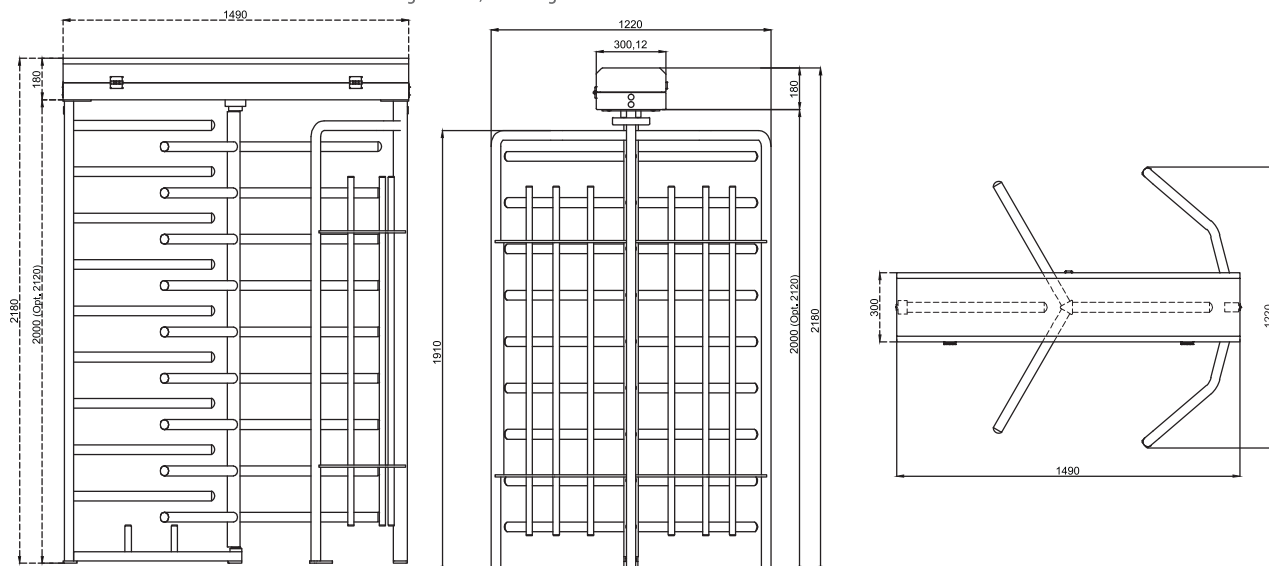




ECO LINE 300 S



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~4,5W. max. ~13,5W.
- Arm Features** : Three-section rotor (120 degrees). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models).
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~ 60 passages/minute;
Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators and down light.
- Optional Accessories and Applications** : LED direction and status indicators, Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.



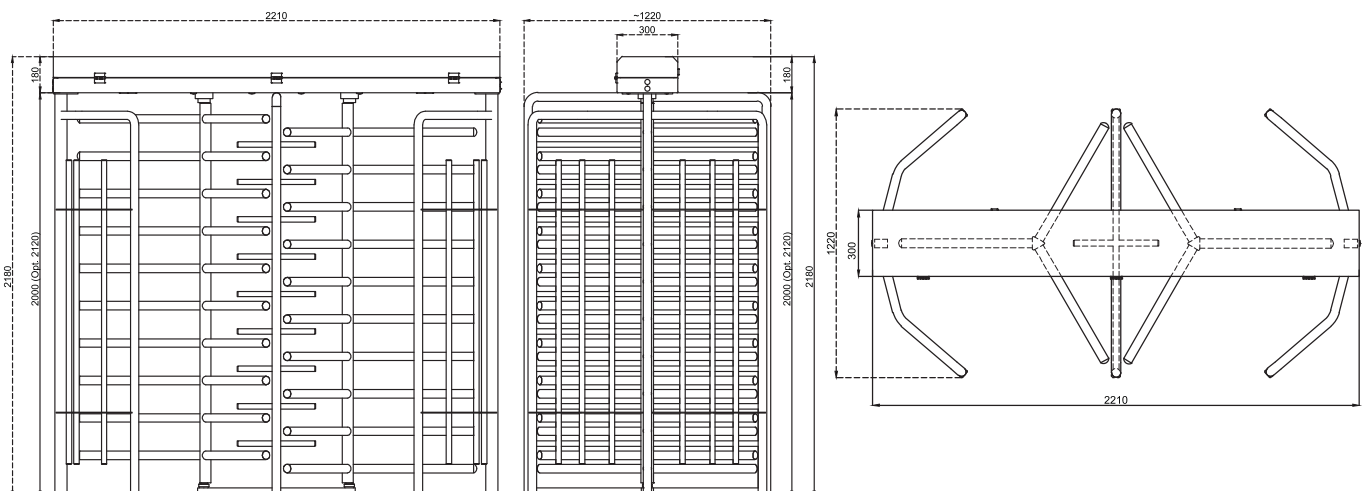
*Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).



ECO LINE 300 D



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~4,5W. max. ~13,5W.
- Arm Features** : Three-section rotor (120 degrees). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models).
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 + ~60 passages/minute; Nominal: ~18 + ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators and down light.
- Optional Accessories and Applications** : LED direction and status indicators, Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.



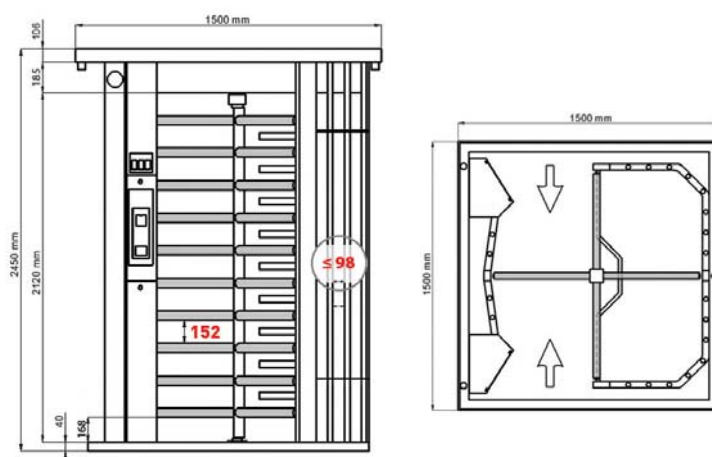
Full Height Turnstiles **4 ARMS (90°)**



DK 400



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6W. max. ~16,2W.
- Arm Features** : Four-section rotor (90 degrees). Each section contains nine Ø42x2.5mm electrostatic powder coated hot dip galvanized or Ø40x2 mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, Complying to UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 passages/minute;
Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : DOT matrix direction-status indicators and scrolling text, LED illumination on the ceiling, roof with 3 rain gutters, floor covered with non-slip aluminium (h=45 mm), **Side Console** contains three compartments with separate lids (Top Compartment: Intercom satellite unit and passage pictograms, residual current protected energy input and turnstile control boards; **Middle Compartment**: Independently lockable lid for access control device and ergonomic design for reader connection (opt. reader guide); **Bottom Compartment**: Empty space suitable for placing coin collection box, battery pack, etc.)
- Optional Accessories and Applications** : Solar Panel, Battery Pack, Wireless, Intercom



*Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).

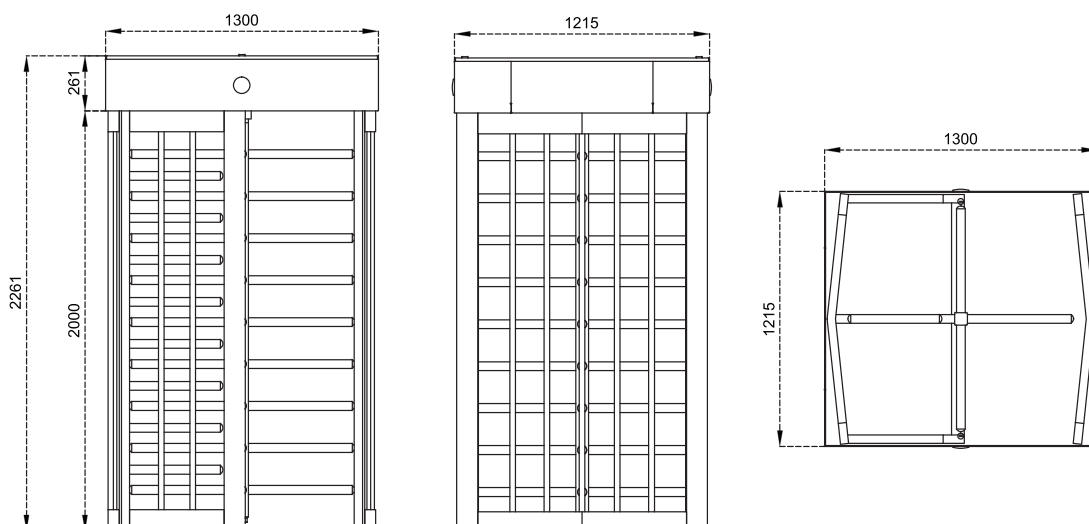




BT 402 S



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6W. max. ~16,2W.
- Arms Features** : Four-section rotor (90 degrees). Each section contains nine Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (Opt. Hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~ 60 passages/minute; Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket, down light.



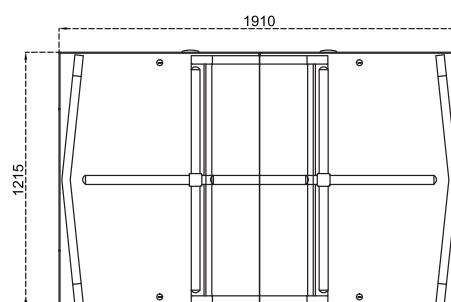
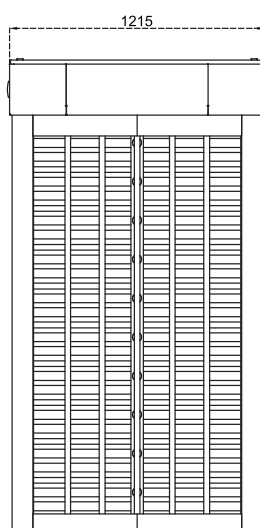
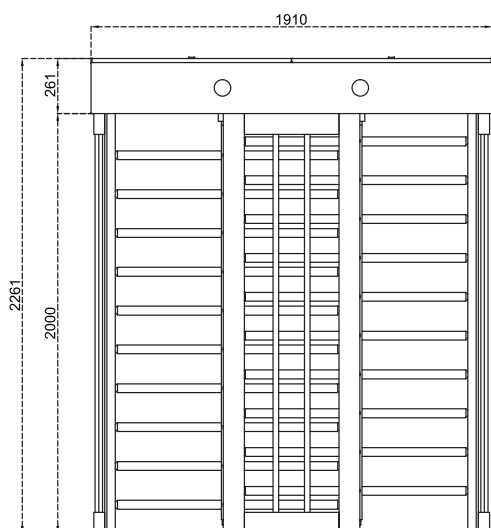
**Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).*



BT 402 D



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC, at standby ~6W. + ~6W. max. ~16,2W. + ~16,2W.
- Arms Features** : A pair of four-section (90 degrees) rotors Each section contains ten Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (Opt. Hot dip galvanizing under coating for outdoor models). Optionally available to comply with UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 + ~60 passages/minute;
Nominal: ~18 + ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket, down light.



**Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).*

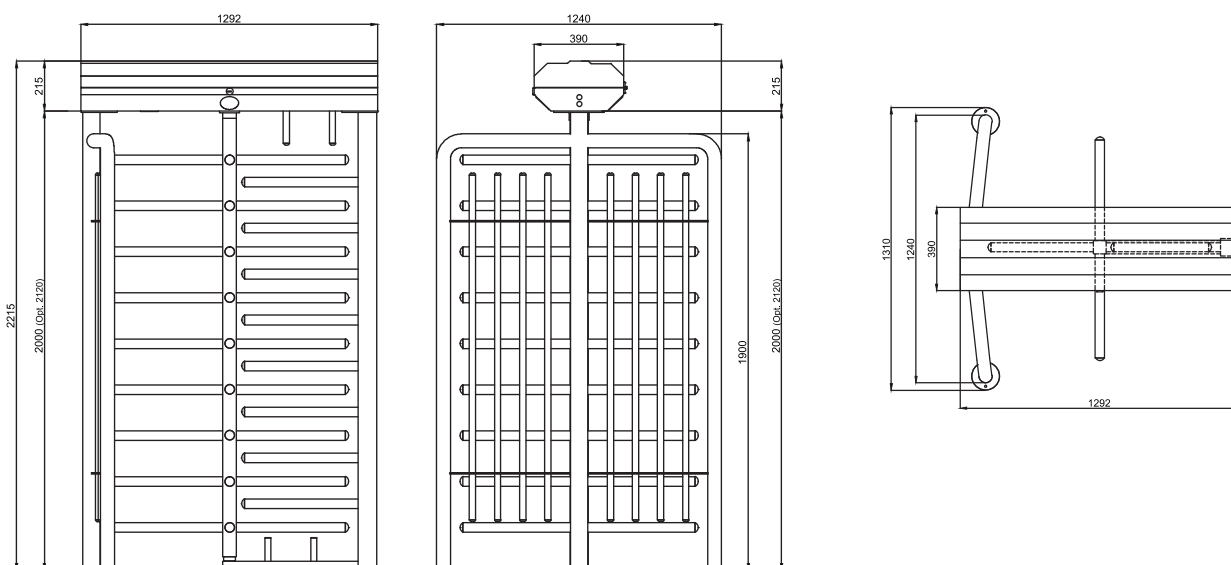




BTX 400 S



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6,8W. max. ~17W..
- Arms Features** : Four-section rotor (90 degrees). Each section contains nine Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models). Complying to UK H&S regulations of max. 98 mm gap between upright profiles.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to + 68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~ 60 passages/minute; Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction and status indicators
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket.



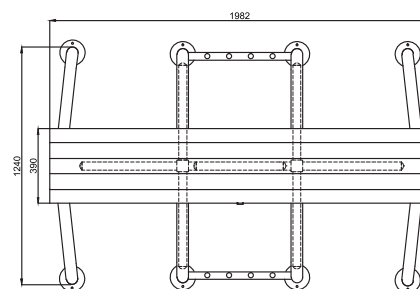
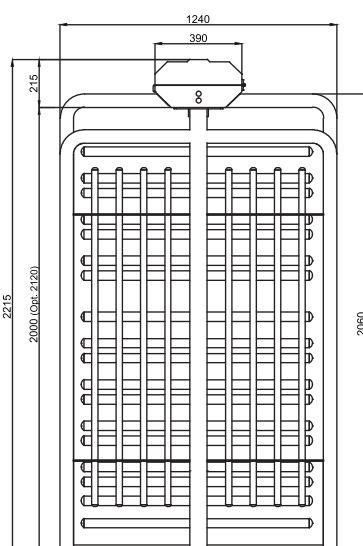
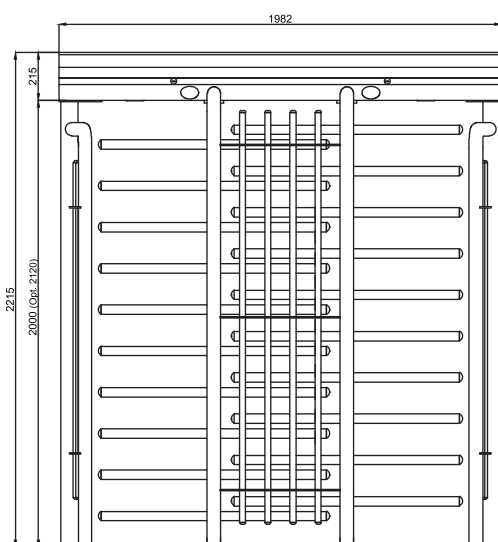
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BTX 400 D

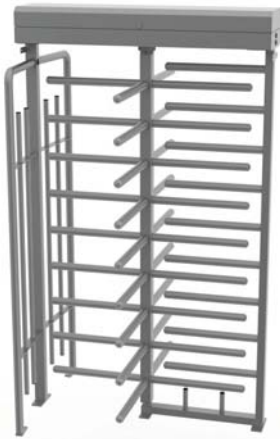


- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC, at standby ~6W. + ~6W. max. ~16,2W. + ~16,2W.
- Arms Features** : A pair of four-section (90 degrees) rotors. Each section contains ten Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models). Opt. Complying to UK H&S regulations of max. 98 mm gap between upright profiles version is available.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to + 68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 + ~60 passages/minute;
Nominal: ~18 + ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction, status indicators and down light.
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, canopy, card reader mounting bracket.

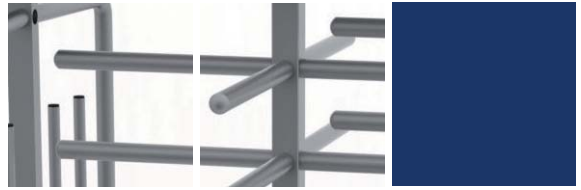


*Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).

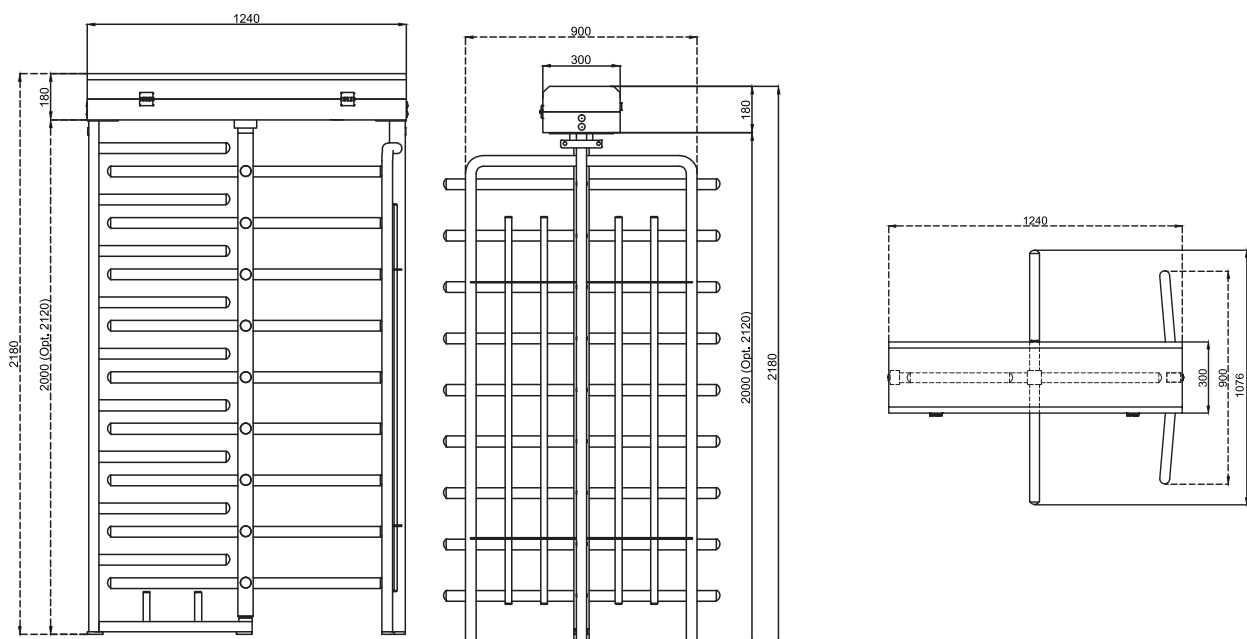




ECO LINE 400 S



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~4,5W. max. ~13,5W.
- Arms Features** : Four-section rotor (90 degrees). Each section contains nine Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination versions. (Opt. Hot dip galvanizing under coating for outdoor models).
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available. In case of power failure the rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~ 60 passages/minute;
Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Optional Accessories and Applications** : LED direction and status indicators, Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.



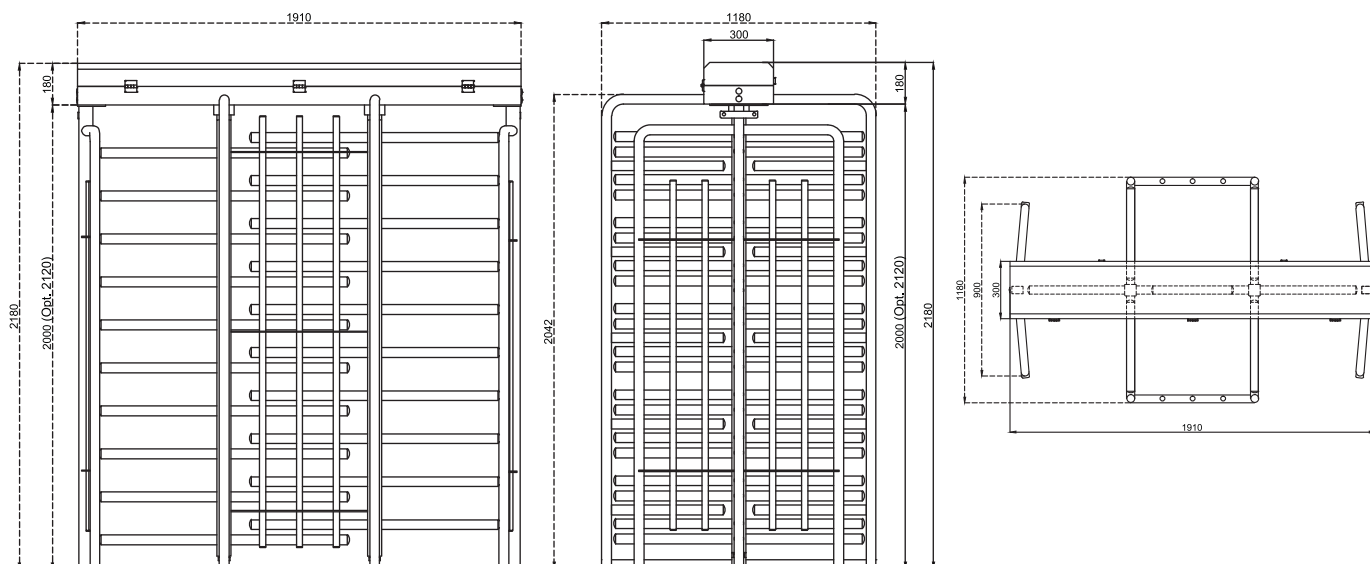
*Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).



ECO LINE 400 D



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~4,5W + ~ 4,5W. max. ~13,5W + ~13,5W
- Arms Features** : A pair of four-section (90 degrees) rotors. Each section contains ten Ø42mmx2.5mm electrostatic powder coated hot dip galvanized or Ø40mm stainless steel (Opt. Ø38, Ø42 and Ø45mm) arms.
- Body Features** : 304-Grade (Opt. 316-Grade) brushed finished stainless steel, electrostatic painted surface or mixed combination options. (Opt. Hot dip galvanizing under coating for outdoor models).
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to + 68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free exit and restricted access modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 + ~60 passages/minute;
Nominal: ~18 + ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Optional Accessories and Applications** : LED direction and status indicators, Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, motor driven unit, heater positive unit, separators, card reader mounting bracket, down light.



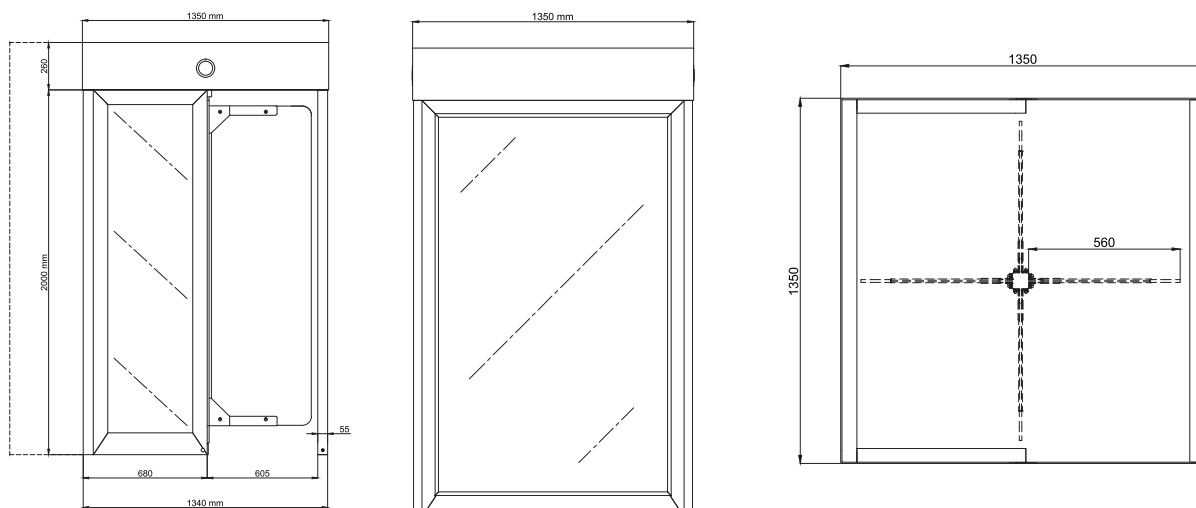
Full Height Turnstiles
Glass & High Security Series



BT 400 GL



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6W. max. ~16,2W
- Arms Features** : Four-section rotor (90 degrees). Each section comprises 10mm tempered glass revolving wings.
- Body Features** : The main supporting structure is made of aluminium with tempered glass side walls. Water resistant top cover with matching aluminum frame around.
- Operation Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Motorized bi-directional system (optional Manual) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail-Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~48
Nominal: ~15 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : LED direction/ status indicators, LED illuminated ceiling light
- Optional Accessories and Applications** : Remote control units, (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, coin slot/ intelligent coin system and coin box, card reader pole, seat limiter for stadium solutions, animated indicators, internal battery and charge unit, heater positive unit, separators, card reader mounted bracket, down light.



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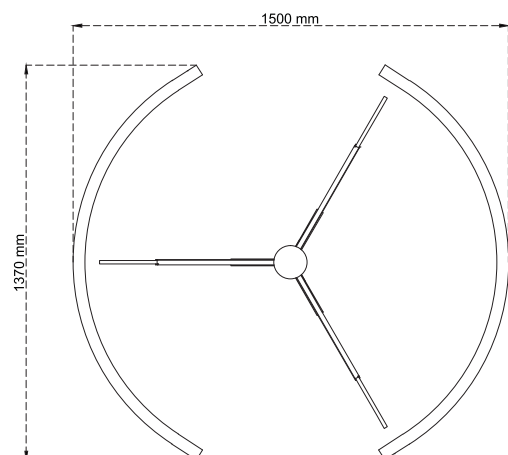
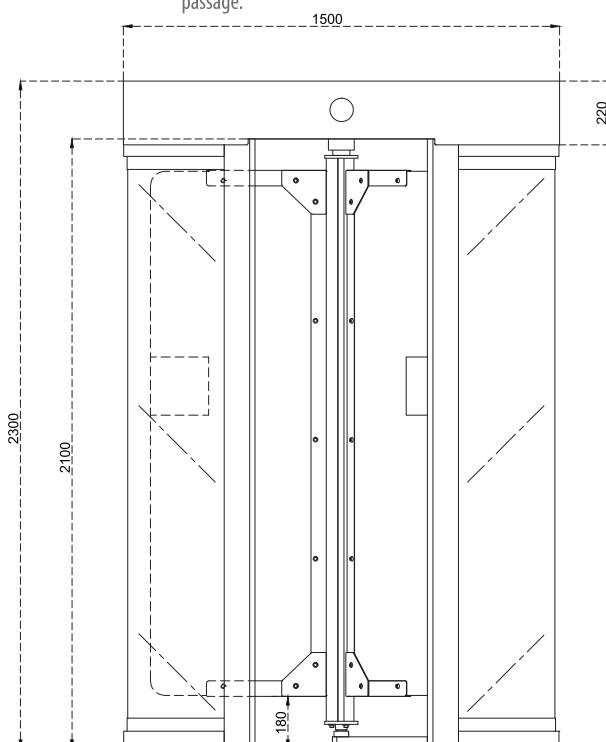




BT 302 GL



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6,8W. max. ~17W
- Wing Features** : Three-section rotor (120 degrees). Each section comprises 6+6mm laminated (Opt. tempered) glass revolving wings.
- Body Features** : The main frame structure is made of 304 grade stainless steel with 6+6 mm laminated (Opt. tempered) glass side walls. Water resistant top cover with matching stainless steel frame around. Service and maintenance from the ceiling of cabin.
- Operating Temperature, Humidity, IP Rating, MCBF** :
 : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail-Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 passages/minute;
 Nominal: ~18 passages/minute (Recommended reference figure).
 *Utilisation of different access control units can change the flow rate.
- Standard Features** : DOT matrix direction / status indicators, LED illuminated on the ceiling.
- Optional Accessories and Applications** : Remote control units (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, card reader pole, animated indicators, internal battery and charge unit, heater positive unit, separators, card reader mounted bracket, photocell sensors for preventing unauthorized passage.

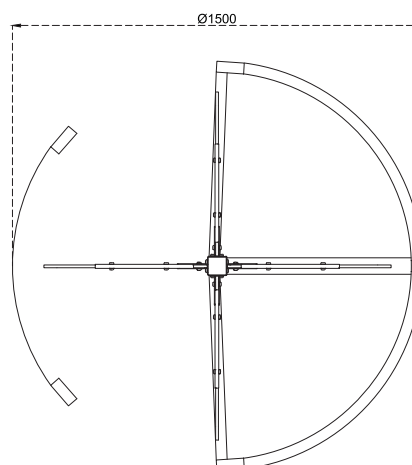
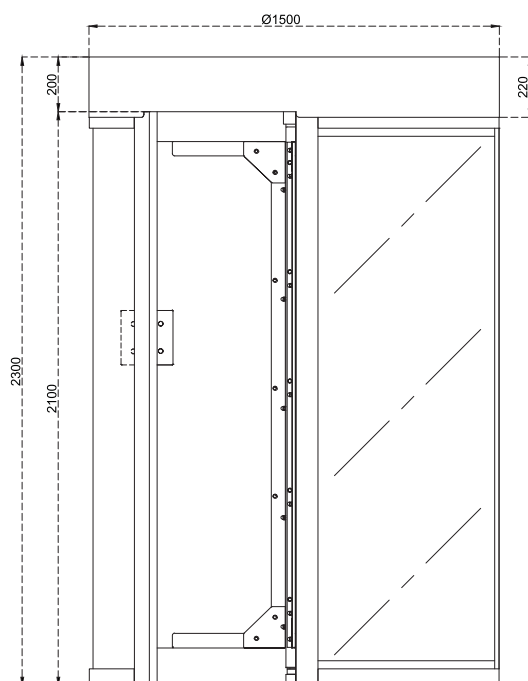


**Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).*

BT 402 GL



- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~6,8W. max. ~17W
- Wing Features** : Four-section rotor (90 degrees). Each section comprises 6+6mm laminated (Opt. tempered) glass revolving wings.
- Body Features** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Operating Temperature, Humidity, IP Rating, MCBF** : -20°C to +68°C (Opt. -50°C with heater unit), RH 95% non-condensing / IP 56 Outdoor Model / 1M Cycles
- Control System** : All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Manually operated bi-directional system (optional motorized) with dip switch selectable operational modes including controlled access on both sides, one side free (exit or entry) and other side controlled access and access restriction modes.
- Emergency Mode** : The rotor spins freely to allow free passage (Fail-Safe default). Fail lock option is available.
- Flow Rate** : Capacity of Mechanism (Manual System): ~60 passages/minute;
Nominal: ~18 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : DOT matrix direction / status indicators, LED illuminated on the ceiling.
- Optional Accessories and Applications** : Remote control units (RF or with cable), interface unit for PC, RS485, RS232 and LAN, counter, audio-messaging system, floor mounting plate, card reader pole, animated indicators, internal battery and charge unit, heater positive unit, separators, card reader mounted bracket, photocell sensors for preventing unauthorized passage.



**Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).*

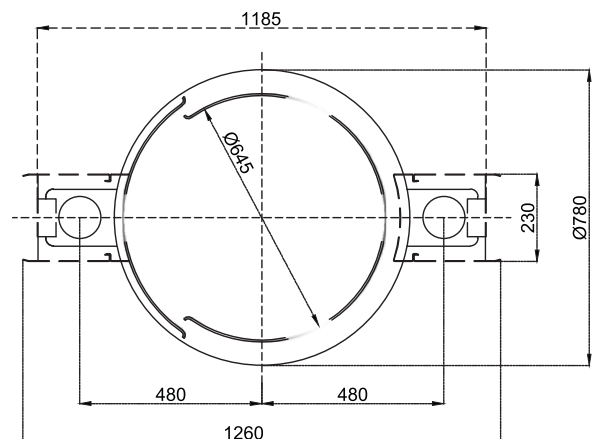
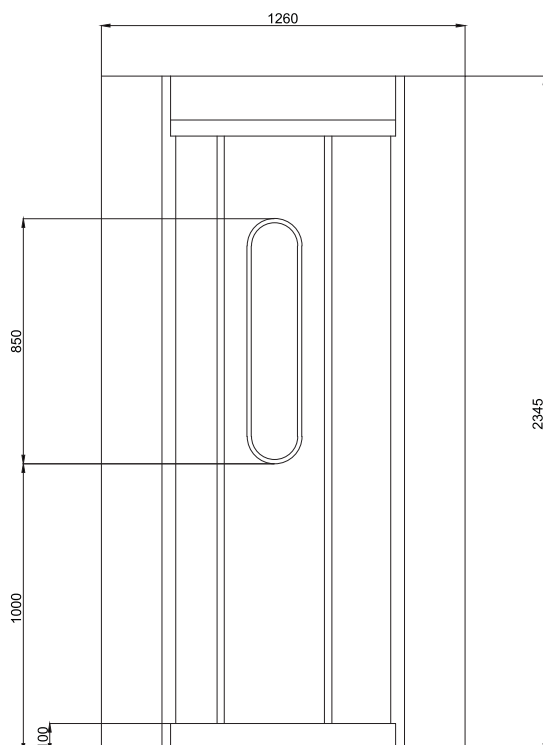




CGC 100



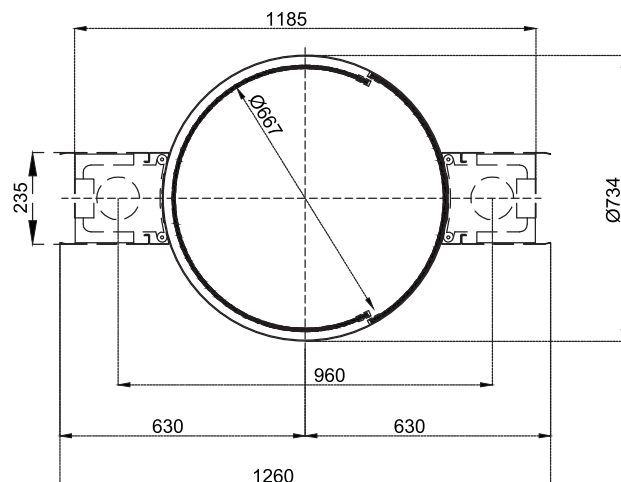
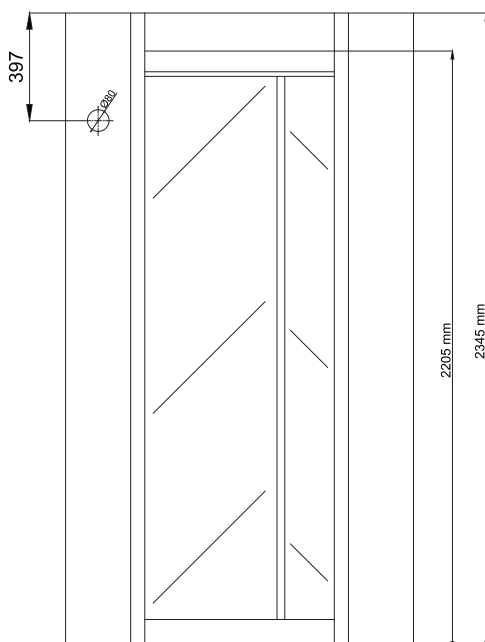
- Power Requirements** : 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~14 W. max. ~130 W
- Body Features & Circular Sliding Doors** : Cylindrical shaped, 1.5 mm thick, 304 grade stainless steel
Control unit is located above the ceiling panel on top cabinet.
Interior-Motor-Driven rotating cylindrical cabinet provides controlled be directional access.
- Operation Temperature, Humidity, IP Rating, MCBF** : 20°C to +68°C / RH 95% non-condensing / IP 44 Indoor Model
- Control System** : All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
- Operation** : Electronically controlled DC motor driven bi-directional system for access control in high security installations.
- Emergency Mode** : System allows free passage (manual push to rotate) in emergency mode and in case of power failure.
- Flow Rate** : Capacity of Mechanism: ~2 passages/minute;
Nominal: ~2 passages/minute (Recommended reference figure).
*Utilisation of different access control units can change the flow rate.
- Standard Features** : Direction and Status Indicators, IR Height Sensor
- Optional** : Weight sensor.



CGG 100



Power Requirements	: 110/220V. 60/50Hz. AC (%±10) 24V. DC at standby ~14 W. max. ~130 W
Body Features & Circular Sliding Doors	: Exterior-fixed access doors located between the supporting structure and the wall. Control unit is located above the ceiling panel on top cabinet. Interior-Motor-Driven rotating cylindrical cabinet provides controlled be directional access.
Operation Temperature, Humidity, IP Rating, MCBF	: 20°C to +68°C / RH 95% non-condensing / IP 44 Indoor Model
Control System	: All inputs are opto-coupler protected. Controlled by dry contact or grounding input. Compatible with all access control systems that provide dry contact or grounding outputs. Optional RS232/RS485/TCP IP control module is available.
Operation	: Electronically controlled DC motor driven bi-directional system for access control in high security installations.
Emergency Mode	: System allows free passage (manual push to rotate) in emergency mode and in case of power failure.
Flow Rate	: Capacity of Mechanism: ~2 passages/minute; Nominal: ~2 passages/minute (Recommended reference figure). *Utilisation of different access control units can change the flow rate.
Standard Features	: Direction and Status Indicators, IR Height Sensor
Optional	: Weight sensor.



**Design and specifications are subject to change without notice. *All dimensions are in millimeters (mm).*





D6



D6

411 412