

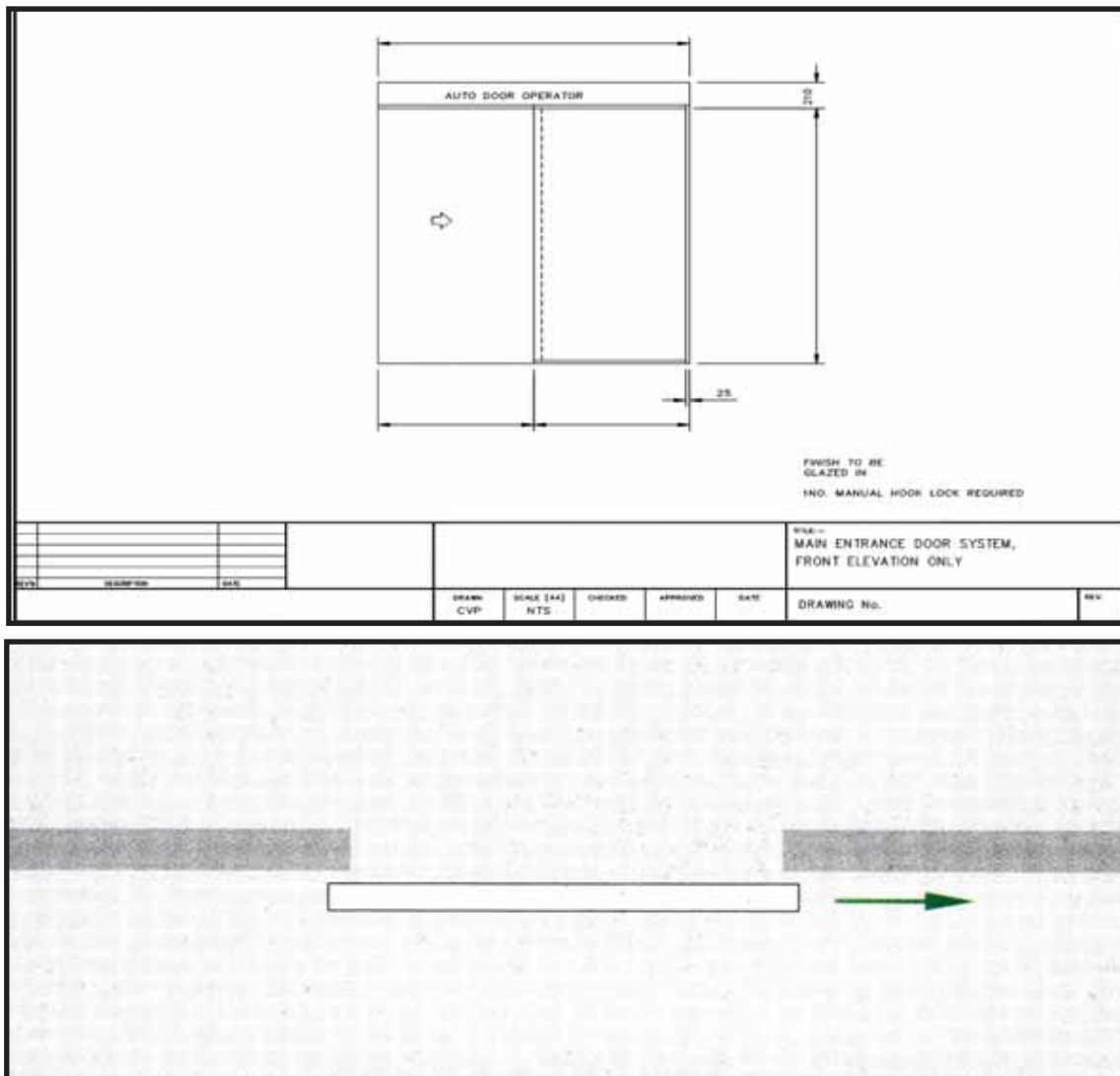


## BDS 2D - Automatic Sliding Door Operator

### Standard Features:

- ☐ Uninterrupted Power Supply/Battery Backup - supplied as standard.
- ☐ Single point control of 4 modes - auto, lock, exit and hold open.
- ☐ Dual Photo Electric Safety Beams prevent doors from closing when people or objects are in doorway. In addition, a safety sensor input enables the connection of additional safety devices.
- ☐ Safety Obstruction Reverse - low speed, multi retry obstruction reverse with alarm, in both opening and closing cycles.
- ☐ Open blocking - prevents door opening if people or objects are in open path (additional sensors required).
- ☐ Building Systems Interface - the inbuilt interface means the unit can easily be connected into building security, safety and emergency systems:
  - Fire Alarm fail-safe ensure doors always open on fire alarm activation (unless manually locked or programmed differently).
  - After Hours Input -enables key or access control in lock or exit mode.
  - Auto/Lock Mode - enables remote switching from lock or exit modes to auto mode by access control or other systems.
  - Lock Down Mode - when input is triggered doors will close and lock from any mode, doors will automatically attempt to re close if obstructed during lock down close.
- ☐ Double Track Hanger System with adjustable anti-jump rollers combine to give a smooth operation while preventing the derailment of the door.
- ☐ Precision German Motor with electromechanical clutch.
- ☐ Tooth belt drive ensures smooth, quiet operation with no sacrifice to durability.





## Architectural Specification - BDS 2D

BDS 2D Class 3 heavy duty operator, capable of carrying a combined door weight of 250 kilograms as supplied by **Briter**.

- The motor drive will be by a high efficiency 24 Volt DC permanent magnet variable speed electric motor directly coupled to a high efficiency worm drive reduction gear box. The motor is to be continuously rated.
- Power transmission to the doors will be by reinforced heavy-duty 8mm pitch reinforced industrial belt 15mm wide.
- Automatic safety obstruction reverse during both opening and closing is to be incorporated in the controller with adjustable sensitivity, and a audible obstruction alarm. After an obstruction is encountered the door is to creep up to this point on next close cycle.
- Dual sets of jamb fitted photoelectric safety beams will be fitted at 200mm and 800mm above the floor to prevent doors closing if obstructed as per Australian Standard 4085-1992.
- A battery powered fully integrated and monitored UPS system is installed to fully open/close the door in case of power failure. The operator will automatically revert to mains power upon resumption. The UPS battery system is to be automatically tested hourly. If a battery fault condition is detected, an audible alarm will be activated. Various modes are programmed for specific conditions. During power fail non-functional radars are to be turned off to conserve battery power.
- **Briter** high security fully integrated electric lock with monitored in-built battery backup. Including a spring return entry key switch and an exit push button.
- Seven-day and 365 day time clocks and access control systems.