



TITAN DOOR SYSTEMS

Opening Doorways for Australia



SERIES1000
FLOATAWAY
DOOR

SERIES 1000

FLOATAWAY DOOR

Stylish - Versatile - Strong

From industrial to residential, floataway Series 1000 doors have got you covered. Each door is designed and manufactured individually using precise mathematical calculations to achieve exact counterweight balance for safety and appearance. Counterweight balanced door makes an outstanding statement. It is secure, easy to operate and provides architectural versatility by accepting most types of cladding. With its structural and functional versatility, the counterweight balanced door can be used in a variety of different settings, and is tailored to the individual specifications of each building. Whether opened or closed, its superior design and rigid quality control ensure long service life.



Standard Specifications

Operation:

The Floataway Door is a single leaf door balanced with counterweights under constant suspension. Door movement is controlled by guide bearings running in vertical 60 x 70 x 60 x 3m guide channels and flat mild steel link arms connecting the door to the side guides.

Size:

Maximum height – 6 metres

Maximum width – 10 metres

Note:

Operations constraints may limit the use of this door. Please consult the manufacturer prior to specifying large openings.



Features

- The versatility of the counterweight balanced door makes both commercial and residential buildings a good fit, with architectural specifications precise and detailed to ensure effortless operation. This fits the profile for both security and style.
- With such precision and dedication, very little pre-existing headroom is necessary for successful implementation. A plethora of glazing and cladding materials are available to bring your design to life.
- With an upward ascension and horizontal placement, the doors are pleasing to the eye and efficient in service to those entering. Dimensions are versatile, and counterweight measurements are rigorously tested to ensure peace of mind. Doors resist a wind loading of at least 0.5kPa.

Specifications

- Counterweight Balanced Door - The frame is constructed from hollow steel sections and designed, in accordance with AS1170, AS1250, to withstand a wind loading of 0.5 kPa in the closed position and provide minimum deflection in the open position.
- Cladding (Steel) - Doors can be clad with various sheeting materials. Standard Colourbond profiles are commonly used. However, specialised profiles can be used. Please consult the manufacturer on the use of non-standard sections.
- Cladding (Glass) - Doors can be partially or fully glazed for viewing or showroom display and are in accordance with AS1288. Standard glazing uses 6.38mm laminated safety glass. The use of other glass or glazing material should be referred to the manufacturer due to additional weight, deflection, door design and construction. Glazed doors will generally incorporate a kickplate in the base of the bottom leaf. Door size and weight will determine kickplate height.
- Bar Grille - This door is constructed of standard RHS frame covered with 20mm square hollow steel tube welded vertically over the entire door face at approximately 120mm centres.



- Other Cladding - \Other available claddings commonly used are plywood, mesh, perforated sheet, woven wire and galvanised sheet.
- Finishes - The standard finish on frames and channels is epoxy primed and polyurethane. On glazed doors, beading can be anodised or powder-coat finish. Other finishes are available. If required, please specify.
- Locking - By use of internal padbolts unless otherwise specified. Motorised doors will not be fitted with locks.
- Counterweight Covers - The counterweights shall be protected and covered with a removable pressed sheet to meet design requirements.

SAFETY SYSTEM

Anti-Fall Brake

- Monarch Renlita has incorporated a new safety feature to the Counterweight door range. Through innovative design and extensive in-house testing, we have developed and patented the Anti-fall brake. Our Counterweight doors are designed with a safety factor of 6 to 1, and the new Anti-fall brake increases this measure by incorporating a brake mechanism in the event of a cable failure.

OPTIONAL EXTRAS

Escape & Access Doors

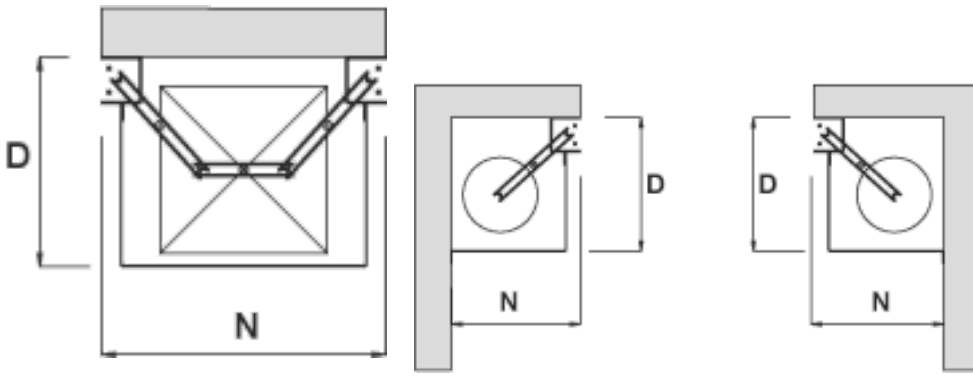
- Can be incorporated into door design providing leaf height is sufficient. Locking is by a night latch unless otherwise specified. It is recommended that access doors open outwards on a Series 1000 door.

Motorisation

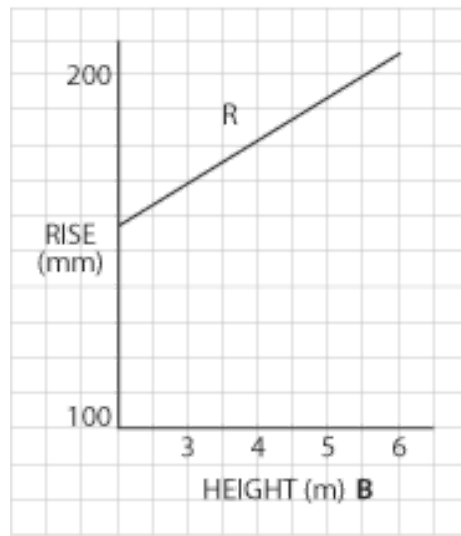
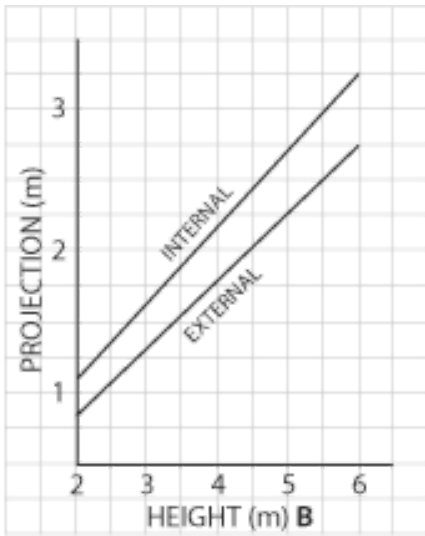
- Operation by a ramp and carriage designed for smooth opening and closing. The carriage is driven by an overhead shaft connected to a three or single phase drive unit incorporating open and close limit switches.

Applications

- Suitable for schools, swimming pools, carpark entries, commercial and light industrial applications.

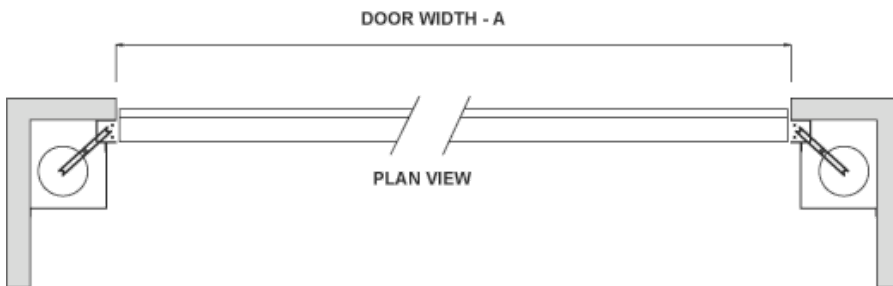


Common column between two identical doors Counterweights each side single door

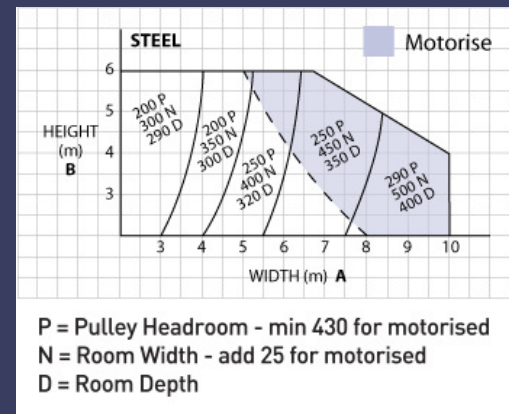
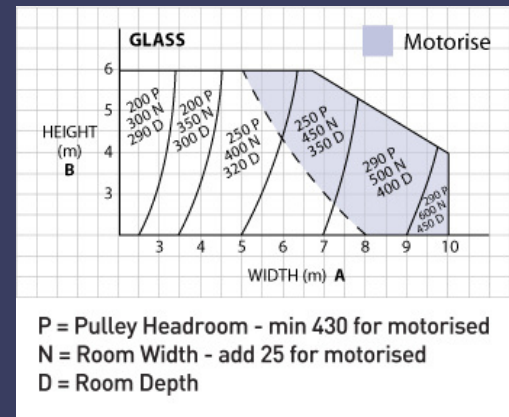
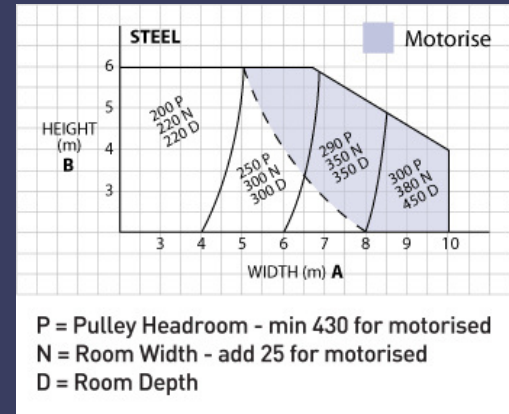
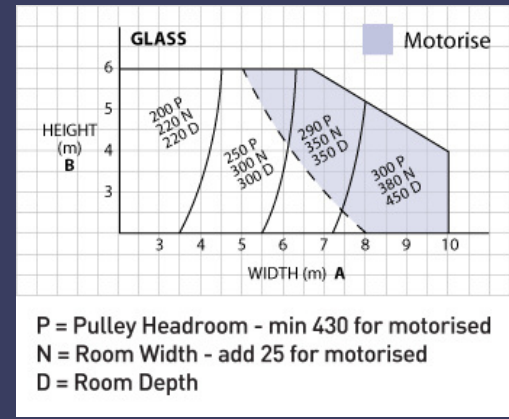


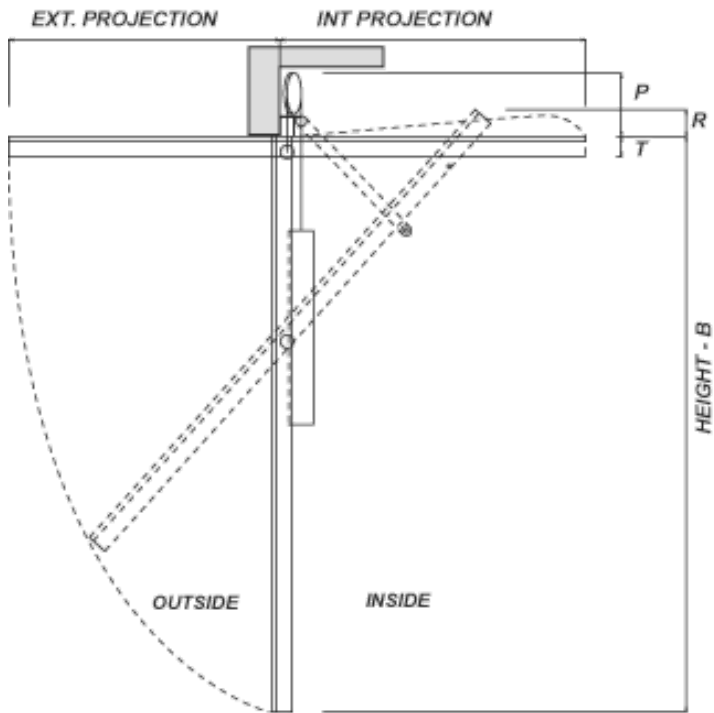
Position of open doors Series 1000 projection

Series 1000 Door Rise D

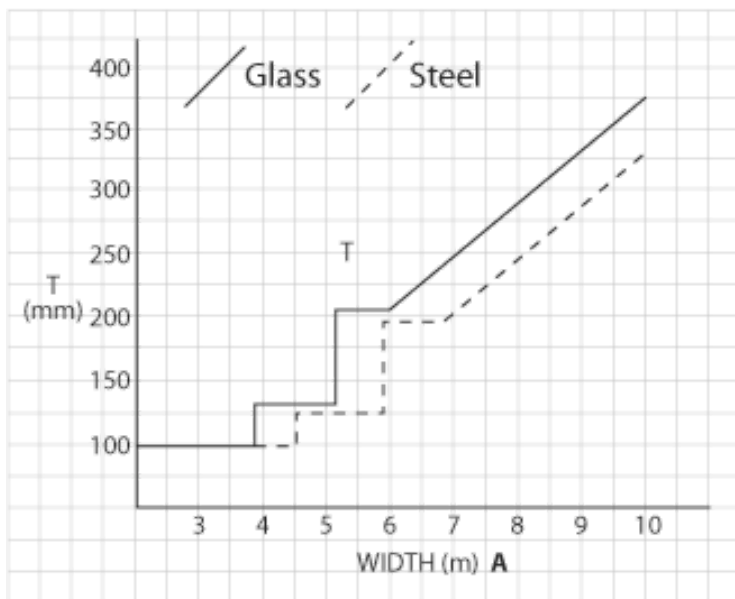


Series 1000 door width

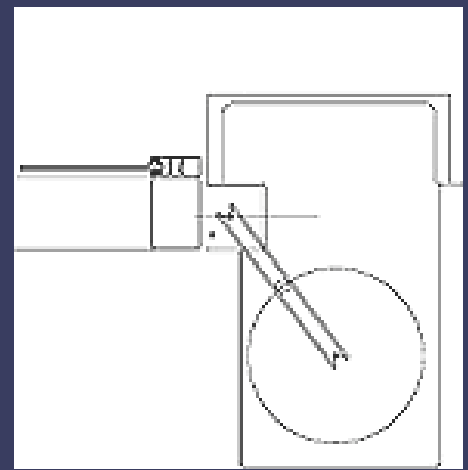




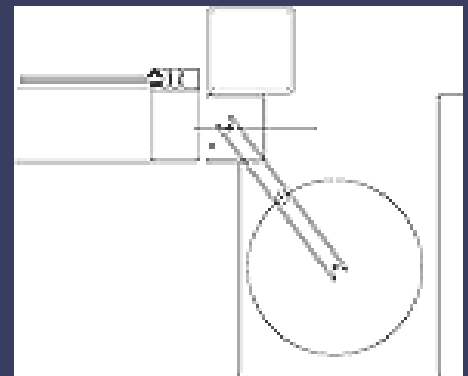
Series 1000 Int/Ext Projection



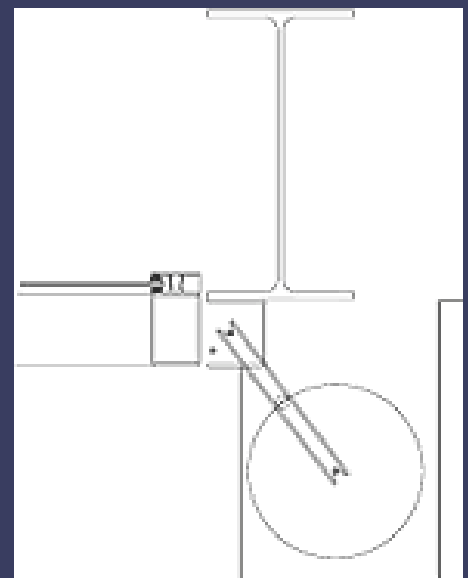
Thickness under lintel



Typical Jamb Detail 1



Typical Jamb Detail 2



Typical Jamb Detail 3



Typical Jamb Detail 4

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