

The Mariner 16 Commercial

AS 1735 part 16 BCA E3.6 Compliant

Product Description

Designed for commercial application where a lift is required for disable access for multiple level or limited overhead.

Built to comply with the requirements of the Australian Standards 1735 part 16, the Mariner 16 can travel up to 6.8 metres, runs under automatic control and is BCA E3.6 Compliant

The Mariner 16 is perfect for schools factories, churches, clubs, sporting grounds and government buildings.

Specification

Manufactured in:	Australia by an Australian owned family company
Standard Compliant:	AS1735 part 16 & BCA E3.6 Compliant
Application:	Commercial
Installation:	Internal or external Crane in or dismantle The lift complete with it own tower can be fitted to an owner supplied shaft. No load bearing walls are required. Cladding is to be in compliance with the lift code.
Drive System Supply voltage	Dual Oil Hydraulic Cylinders one each side of the lift car with chain over operation. 1:2 Ratio. 240 volt 16 amp
Travels:	up to 6.8 metres 3 level
Lift Speed: Lifting Capacity: Lift Operation:	Rated speed .150m per second 350kg (2 people including 1 in a wheel chair) Automatic. Lift will operate by one press of the button.
Lift Tower:	Built as a free standing self supporting unit, the tower comes complete with doors, door frames, flashing, electrical wiring and hydraulic cylinders
Pit Depth:	100mm
Car Size:	1100mm wide x 1400mm deep & 2000mm high with a clear door opening of 900mm
Car Configuration	Single entry Dual entry - through car
Car Fitout:	For durability the lift car is lined in white colourbond and trimmed with extruded aluminium. Custom finishes such as timber, MDF, vinyl and stainless steel are also available with an alteration in shaft size. Standard features include: * Dual control inside the lift car * Braille & Tactile * EM Phone * Stainless steel handrail * Two recessed down lights * Light curtain across the door entrance * Door hold open device * Non-slip flor covering indoor/outdoor carpet
Landing Doors:	Fitted with swing action doors the Mariner can be supplied with a variety of door styles: * Redi-cote flush doors * Corinthian - Impression * Metal * Glass All doors are fitted with mechanical electric interlock, an adjustable automatic door closer and a full length pull handle. Glass view panels are provided in the Redicote and Metal doors. Automatic door operators are available as an optional extra





Stations: Mounted on a stainless steel plate with protruding square plastic buttons the electric controls are automatic in operation

- * Key lockable at one or all landings to prevent unwanted users
- * Illuminated indications
- * Weatherproof stations are available for external landing stations

Safety features:

- * Key lockable push button controls.
- * Back up battery power for lighting & lowering of the car
- * Emergency manual lowering facility provided in the machine cabinet
- * A non-reversal timer of 5 seconds is fitted to allow the rider in the car to open the landing door once the car has stopped without the threat of the car being called by another operator.

Optional feature: The hydraulic pump is controlled by a variable voltage variable frequent drive that provides a smooth acceleration giving



Machine Cabinet: Fabricated from metal and painted the machine cabinet is suitable for external or internal installation.

The cabinet is fitted with a key lockable door and contains the hydraulic power unit, hydraulic control valves, electrical control board, emergency power supply and cabinet light. The emergency tools and instructions are located within this cabinet.

The cabinet size is 1800mm in height x 605mm in width x 335mm in depth

Maintenance: We recommend that the lift be serviced at no greater intervals than 12 months, this will ensure the lift is maintained in a safe and reliable condition.

Warranty: 12 months on all parts and labour excluding misuse and/or malicious damage.

Work by others:

- * Certification of the lift slab by an approved Engineer
- * Providing the relevant mounting slab for the lift - min 100mm setdown.
- * Providing penetration in the upper floor, if the lift is being craned in penetration in the ceiling will be required.
- * Enclosing the lift shaft once the lift is in place.
- * If the ceiling above the lift shaft is not covered over then barrier protection in the roof cavity will be required.
- * Supply of a 240V. 16A electrical circuit to the Machine Cabinet.
- * Supply and connection of a telephone line to the lift shaft terminating in the junction box provided by the lift installers (extension of the residence phone).
- * Painting the landing doors and the external walls around the lift



All changes must be in compliance with the lift code and the manufacturer reserves the right to approve or refuse any changes.