

Operational and service functions

Direct approach

The lift approaches the floor with no intermediate speeds to stop gently at the floor level. The position of the car is calculated at all times without the need for magnets.

Homing Mode

The lift car returns to the specified homing floor. You can set any floor as the return floor.

Maximum no. of calls

Limited number of car calls registered. Anti-vandal mode.

Australian Fire Control

In the event of a fire, a control is activated that sends the lift to the fire emergency floor.

EmFONE Autodialler

We can supply the unit straight from the factory.

AUSTEL compliant trailing flex

We can supply the unit straight from the factory.

Stand-by mode

Disconnects the lighting inside the car as well as the car and landing displays, thus reducing the electrical consumption of the lift.

Car fan

There is a timer to activate/deactivate the fan.

Service control keyswitch

Only calls made from the car operating panel are registered.

Automatic rescue device

The lift will automatically park with the doors open at the nearest floor in the event of power failure.

Multiple movement functions

Multiple

A group of up to 4 lifts can be controlled.

Limited out of service

Allows a group of lifts to self-manage a singular lift with continuous faults and leave it out of service whilst other lifts handle calls.

Standard Function Optional Function



Door operation functions

Door close button

This allows the time between stops to be shortened by means of a push button in the car that can be activated if there are car calls registered.

Nudge

The doors close slowly in the event of a prolonged interruption of the safety edge, notifying the persons in the car visibly and/or acoustically.

Safety edge

Safety edge according to EN81-20.

Self-diagnosing safety edge

Autodiagnosis of the safety edge in which the door sensors are automatically checked.



Signalisation and indicator functions

Departure Gong, ascending and descending tones

Activates a multi-tone gong depending on direction of travel.

Overload function

The display gives a visual and audible indication to the users of overloading inside the car.

Voice synthesizer

This is a voice synthesizer that emits informative messages concerning the operation of the lift.



Emergency operation functions

Manual rescue

Manual rescue can be of two types, one by opening the brake and car movement subject to the balance of the car.

Emergency light in lift car

In the event of a power cut, an emergency light in the car operating panel illuminates in accordance with EN81-20.

Automatic rescue device

The automatic rescue operation is carried out via a UPS whereby the lift will park at the most favorable floor with the doors open.

RATED LOAD • 450kg / 6 people

ROPING • 2:1

MAXIMUM SPEED • 1.2 m/s

Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	Pit
	Width (A)	Depth (B)	Width (C)	Depth (D)			
1/0°	950	1300	1450	1550	Side opening 2P 800 (AUGUSTA EVO)	3400	1050
2/180°	950	1300	1450	1670			
1/0°	1000	1200	1500	1450			
2/180°	1000	1200	1500	1570			
1/0°	1000	1250	1500	1500			
2/180°	1000	1250	1500	1620			
1/0°	1000	1300	1500	1550			
2/180°	1000	1300	1500	1670			
1/0°	1050	1200	1550	1450			
2/180°	1050	1200	1550	1570			
1/0°	950	1300	1750	1520			
2/180°	950	1300	1750	1590			
1/0°	1000	1200	1750	1420			
2/180°	1000	1200	1750	1490			
1/0°	1000	1250	1750	1470			
2/180°	1000	1250	1750	1540			
1/0°	1000	1300	1750	1520			
2/180°	1000	1300	1750	1590			
1/0°	1050	1200	1750	1420			
2/180°	1050	1200	1750	1490			

RATED LOAD • 630kg / 8 people

ROPING • 2:1

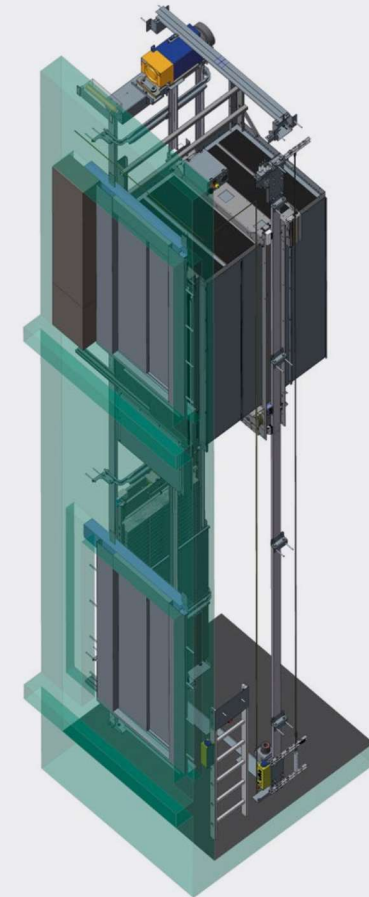
MAXIMUM SPEED • 1.2 m/s

Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	Pit
	Width (A)	Depth (B)	Width (C)	Depth (D)			
1/0°	1050	1450	1550	1700	Side opening 2P 800 (AUGUSTA EVO)	3400	1050
2/180°	1050	1450	1550	1820			
1/0°	1100	1400	1600	1650			
2/180°	1100	1400	1600	1770			
1/0°	1150	1350	1650	1600			
2/180°	1150	1350	1650	1720			
1/0°	1100	1400	1600	1650			
2/180°	1100	1400	1600	1770			
1/0°	1150	1350	1650	1600			
2/180°	1150	1350	1650	1720			
1/0°	1050	1450	1750	1670			
2/180°	1050	1450	1750	1740			
1/0°	1100	1400	1750	1620			
2/180°	1100	1400	1750	1690			
1/0°	1150	1350	1750	1570			
2/180°	1150	1350	1750	1640			
1/0°	1100	1400	1925	1620			
2/180°	1100	1400	1925	1690			
1/0°	1150	1350	1925	1570			
2/180°	1150	1350	1925	1640			

All dimensions are based on the door sill being 25mm inside the lift shaft.

BCA compliant

Mechanical arrangement 450 and 630 kg



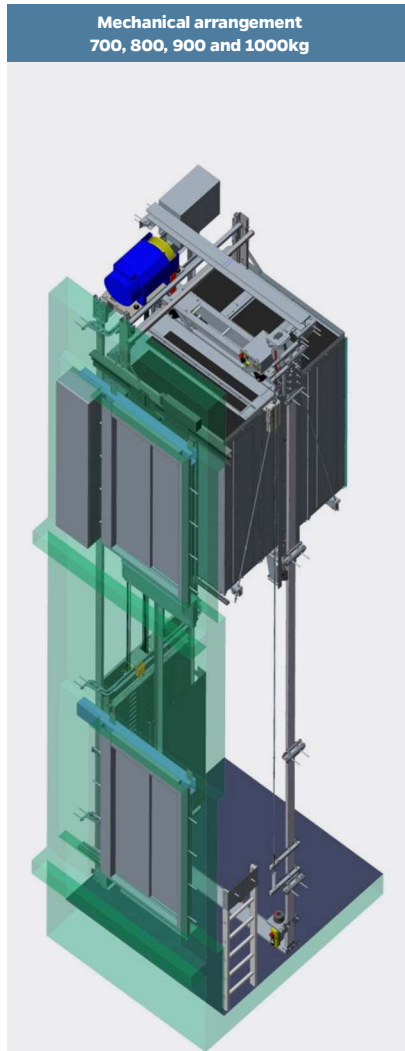
Operational ranges

Maximum travel	Up to 12 m (Maximum 6 floors for BCA compliance) & up to 60 m (Maximum 16 floors) non BCA compliance
Pit	Minimum: 1050 mm - Maximum: 1550 mm
Headroom	Minimum: 3400mm (HC 2175mm) and 3500mm (HC 2275mm)
Minimum width	Car width + 500 mm
Maximum width	Car width + 1100mm
Shaft	With side opening doors and door sill completely in the shaft, add 75mm per opening side. With central opening doors and door sill completely in the shaft, add 40mm per opening side. Option for doors completely in the shaft. Shaft width tolerance -10/+50mm Shaft depth tolerance with single entry 0° -10/+infinite mm Shaft depth tolerance with through car 180° -0/+30 mm
Lift car	Minimum depth 1200 mm Maximum depth 1450 mm Minimum width 950 mm Maximum width 1150 mm Standard height 2175mm with 2000mm high doors (option for 2275mm with 2100mm high doors)

RATED LOAD - 700kg / 9 people		ROPING - 2:1		MAXIMUM SPEED - 1.2 m/s					
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	Pit		
	Width (A)	Depth (B)	Width (C)	Depth (D)					
1/0°	1100	1500	1600	1750	Side opening 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1500	1600	1870					
1/0°	1200	1400	1700	1650					
2/180°	1200	1400	1700	1770					
1/0°	1100	1500	1750	1710	Central 2P 800 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1500	1750	1790					
1/0°	1200	1400	1750	1610					
2/180°	1200	1400	1750	1690					
1/0°	1100	1500	1950	1710	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1500	1950	1790					
1/0°	1200	1400	1950	1610					
2/180°	1200	1400	1950	1690					

RATED LOAD - 800kg / 10 people		ROPING - 2:1		MAXIMUM SPEED - 1.2 m/s					
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	Pit		
	Width (A)	Depth (B)	Width (C)	Depth (D)					
1/0°	1100	1600	1600	1850	Side opening 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1600	1600	1970					
1/0°	1100	1700	1600	1950					
2/180°	1100	1700	1600	2070					
1/0°	1100	1800	1600	2050	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1800	1600	2170					
1/0°	1200	1500	1700	1750					
2/180°	1200	1500	1700	1870					
1/0°	1300	1400	1800	1650	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1400	1800	1770					
1/0°	1300	1500	1800	1750					
2/180°	1300	1500	1800	1870					
1/0°	1400	1400	1900	1650	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1400	1400	1900	1770					
1/0°	1100	1600	1750	1810					
2/180°	1100	1600	1750	1890					
1/0°	1100	1700	1750	1910	Central 2P 800 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1700	1750	1990					
1/0°	1100	1800	1750	2010					
2/180°	1100	1800	1750	2090					
1/0°	1200	1500	1750	1710	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1200	1500	1750	1790					
1/0°	1200	1600	1750	1810					
2/180°	1200	1600	1750	1890					
1/0°	1300	1400	1950	1610	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1400	1950	1690					
1/0°	1300	1500	1950	1710					
2/180°	1300	1500	1950	1790					
1/0°	1400	1400	1950	1610	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1400	1400	1950	1690					
1/0°	1300	1400	2150	1610					
2/180°	1300	1400	2150	1690					
1/0°	1300	1500	2150	1710	Central 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1500	2150	1790					
1/0°	1400	1400	2150	1610					
2/180°	1400	1400	2150	1690					

RATED LOAD - 900kg / 12 people		ROPING - 2:1		MAXIMUM SPEED - 1.2 m/s					
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	Pit		
	Width (A)	Depth (B)	Width (C)	Depth (D)					
1/0°	1100	1900	1600	2150	Side opening 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	1900	1600	2270					
1/0°	1200	1700	1700	1950					
2/180°	1200	1700	1700	2070					
1/0°	1300	1600	1800	1850	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1600	1800	1970					
1/0°	1400	1500	1900	1750					
2/180°	1400	1500	1900	1870					
1/0°	1500	1400	2000	1650	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1500	1400	2000	1770					
1/0°	1100	1900	1750	2110					
2/180°	1100	1900	1750	2190					
1/0°	1200	1700	1750	1910	Central 2P 800 (AUGUSTA EVO)	3450*	1050		
2/180°	1200	1700	1750	1990					
1/0°	1300	1600	1950	1810					
2/180°	1300	1600	1950	1890					
1/0°	1400	1500	1950	1710	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1400	1500	1950	1790					
1/0°	1500	1400	2050	1610					
2/180°	1500	1400	2050	1690					
1/0°	1300	1600	2150	1810	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1600	2150	1890					
1/0°	1400	1500	2150	1710					
2/180°	1400	1500	2150	1790					
1/0°	1500	1400	2150	1610	Central 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1500	1400	2150	1690					
1/0°	1500	1500	2150	1710					
2/180°	1500	1500	2150	1790					



NOTES

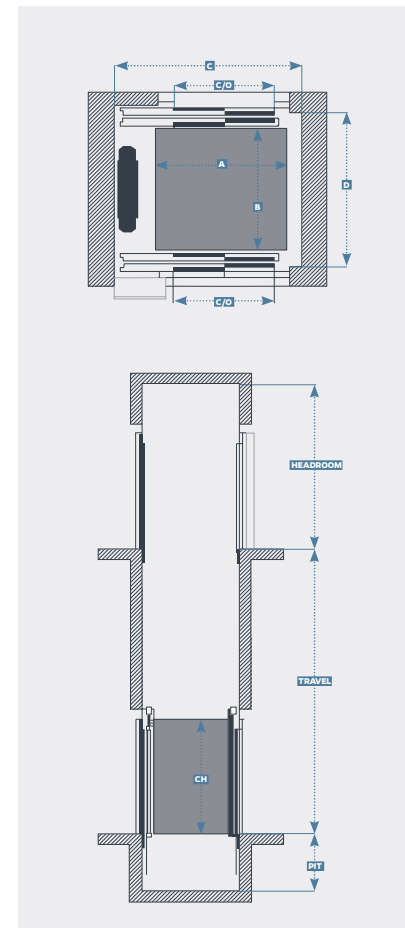
All car dimensions comply with EN81-70 T2.

The table is based on Augusta Evo doors mounted on the landing (sill is placed 25mm inside the shaft).

RATED LOAD - 1000kg / 13 people		ROPING - 2:1		MAXIMUM SPEED - 1.2 m/s					
Entrances Angle	Car		Shaft		Door type (C/O)	Min. Headroom CH 2175mm	Pit		
	Width (A)	Depth (B)	Width (C)	Depth (D)					
1/0°	1100	2000	1600	2250	Side opening 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	2000	1600	2370					
1/0°	1100	2100	1600	2350					
2/180°	1100	2100	1600	2470					
1/0°	1200	1800	1700	2050	Side opening 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1200	1800	1700	2170					
1/0°	1200	1900	1700	2150					
2/180°	1200	1900	1700	2270					
1/0°	1200	2000	1700	2250	Side opening 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1200	2000	1700	2370					
1/0°	1300	1700	1800	1950					
2/180°	1300	1700	1800	2070					
1/0°	1300	1800	1800	2050	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1800	1800	2170					
1/0°	1400	1600	1900	1850					
2/180°	1400	1600	1900	1970					
1/0°	1400	1700	1900	1950	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1400	1700	1900	2070					
1/0°	1500	1500	2000	1750					
2/180°	1500	1500	2000	1870					
1/0°	1500	1600	2000	1850	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1500	1600	2000	1970					
1/0°	1600	1400	2100	1650					
2/180°	1600	1400	2100	1770					
1/0°	1600	1500	2100	1750	Side opening 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1600	1500	2100	1870					
1/0°	1100	2000	1750	2210					
2/180°	1100	2000	1750	2290					
1/0°	1100	2100	1750	2310	Central 2P 800 (AUGUSTA EVO)	3450*	1050		
2/180°	1100	2100	1750	2390					
1/0°	1200	1800	1750	2010					
2/180°	1200	1800	1750	2090					
1/0°	1200	1900	1750	2110	Central 2P 800 (AUGUSTA EVO)	3450*	1050		
2/180°	1200	1900	1750	2190					
1/0°	1200	2000	1750	2210					
2/180°	1200	2000	1750	2290					
1/0°	1300	1700	1950	1910	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1300	1700	1950	1990					
1/0°	1300	1800	1950	2010					
2/180°	1300	1800	1950	2090					
1/0°	1400	1600	1950	1810	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1400	1600	1950	1890					
1/0°	1400	1700	1950	1910					
2/180°	1400	1700	1950	1990					
1/0°	1500	1500	2050	1710	Central 2P 900 (AUGUSTA EVO)	3450*	1050		
2/180°	1500	1500	2050	1790					
1/0°	1500	1600	2050	1810					
2/180°	1500	1600	2050	1890					
1/0°	1600	1400	2150	1610	Central 2P 1000 (AUGUSTA EVO)	3450*	1050		
2/180°	1600	1400	2150	1690					
1/0°	1600	1500	2150	1710					
2/180°	1600	1500	2150	1790					

* A 3400mm Headroom can be achieved if the lifting beam is removed once the installation is completed.

Most common configurations



Operational ranges (standard arrangement)

	Up to 60 m, maximum 15 stops
Maximum travel	BCA Compliant lifts - All loads and car dimensions with a 12m maximum travel - 1000kg lifts with car dimensions of 1400x1600 mm, 1400x1700 mm and 1500x1600 mm with a 60m maximum travel
Pit	Minimum standard: 1050 mm - Maximum: 1900 mm Minimum standard (lift car 2175mm): 3450mm, (lift car 2275mm) 3550 mm - Headroom 3450 mm with car height of 2175 mm (3400 mm is possible by removing the lifting beam after installation) - Headroom 3550 mm with car height of 2275 mm (3500 mm is possible by removing the lifting beam after installation)
Headroom	Minimum width measured from lift car Car width + 500 mm For lift shafts with >40m travel, the recommended shaft width: Car width + 550 mm
Shaft	Shaft width tolerance -10/+50mm Shaft depth tolerance with single entry 0° -10/+infinite mm Shaft depth tolerance with through car 180° -0/+30 mm
	Minimum width 1600 mm
	Maximum width measured from lift car Car width + 1100 mm
	Maximum width 2700 mm (based on a car width of 1600 mm)
	Minimum depth 1400 mm
	Maximum depth 2100 mm
Lift car (in 100 mm increments)	Minimum width 1100 mm
	Maximum width 1600 mm
	Standard height 2175 mm with 2000 mm high doors (option for 2275 mm with 2100 mm high doors)

Shaft depths for other door arrangements

For Augusta Evo doors with the sills inside the shaft and door frames on landings

2 Panel Side Opening - Single Entry 0°	Shaft depth + 75mm
2 Panel Central Opening - Single Entry 0°	Shaft depth + 40mm
2 Panel Side Opening - Through Car 180°	Shaft depth + 150mm
2 Panel Central Opening - Through Car 180°	Shaft depth + 80mm

For Augusta Evo doors completely installed inside the shaft, including door frames

2 Panel Side Opening - Single Entry 0°	Shaft depth + 115mm
2 Panel Central Opening - Single Entry 0°	Shaft depth + 75mm
2 Panel Side Opening - Through Car 180°	Shaft depth + 230mm
2 Panel Central Opening - Through Car 180°	Shaft depth + 150mm

For Hydra doors mounted on the landings (sill overhang into the shaft is 25mm)

2 Panel Side Opening - Single Entry 0°	Shaft depth + 10mm
2 Panel Central Opening - Single Entry 0°	Shaft depth + 35mm
2 Panel Side Opening - Through Car 180°	Shaft depth + 20mm
2 Panel Central Opening - Through Car 180°	Shaft depth + 70mm

For Hydra doors with the sills inside the shaft and door frames on landings

2 Panel Side Opening - Single Entry 0°	Shaft depth + 95mm
2 Panel Central Opening - Single Entry 0°	Shaft depth + 110mm
2 Panel Side Opening - Through Car 180°	Shaft depth + 190mm
2 Panel Central Opening - Through Car 180°	Shaft depth + 220mm

For Hydra doors completely installed inside the shaft, including door frames

2 Panel Side Opening - Single Entry 0°	Shaft depth + 135mm
2 Panel Central Opening - Single Entry 0°	Shaft depth + 150mm
2 Panel Side Opening - Through Car 180°	Shaft depth + 270mm
2 Panel Central Opening - Through Car 180°	Shaft depth + 300mm



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