

# Flex

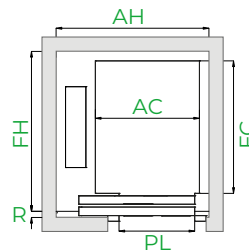
## Designed to maximise shaft efficiency

Finite space, infinite solutions

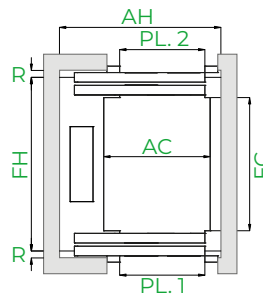
### General Specifications

|                              |   |
|------------------------------|---|
| <b>Load</b>                  | 180 to 630 kg<br>180 to 450 kg (single-phase)   |
| <b>Capacity</b>              | 2 to 8 persons<br>2 to 6 persons (single-phase)   |
| <b>Speed</b>                 | 1 m/s / 0.6 m/s (single-phase)  |
| <b>Maximum Travel</b>        | 45 m / 25 m (single-phase)  |
| <b>Maximum Floors Served</b> | 16 Floors   |
| <b>Machine-room Option</b>   | Yes   |
| <b>Entrances</b>             | 1 Front<br>2 Open through<br>2 Front & side   |
| <b>Drive System</b>          | Regulated gearless<br>(180 stars per hour)  |
| <b>Controller</b>            | ARCA III controller, low energy consumption multiprocessor                              |
| <b>Door Types</b>            | Automatic side-opening /<br>Automatic centre-opening /<br>Semi-automatic + hinged (BUS) |
| <b>Clear door opening</b>    | From 500 to 900 mm  |
| <b>Door Height</b>           | 2,000 / 2,100 / 2,200 mm  |
| <b>Car Dimensions</b>        | Parametric  |
| <b>Internal Car Height</b>   | 2,100 / 2,200 / 2,300 mm  |
| <b>Power Supply</b>          | Three-phase / Single-phase  |

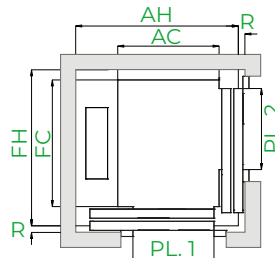
#### 1 Entrance



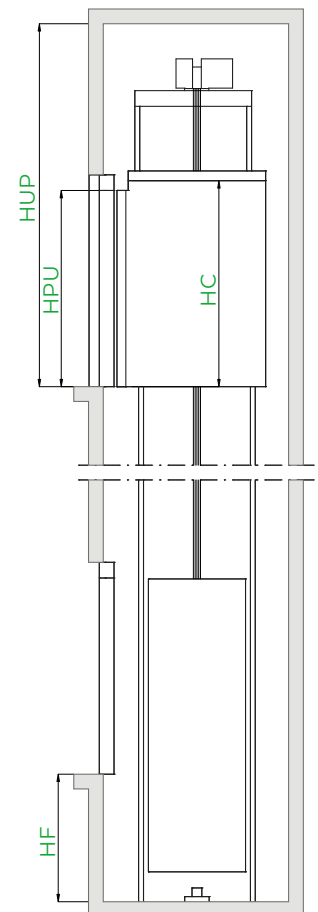
#### 2 Entrances (open through)



#### 2 Entrances (front & side)



#### Vertical section



\*Note: The diagrams are for guidance only.





1



**MRL**  
Machine-room-less solution, with a reduced headroom as an option.



2



**Optimised passenger unit**  
Saves space and reduces weight, providing safety, ergonomics and speed during assembly processes.



3



**Accessible space below the pit**  
Adapts the lift to suit buildings requiring an accessible space below the pit..



4



**Reduced top floor**  
Adaptable to buildings requiring a reduced top floor.



5



**Drive**  
Compact, quiet, gearless, energy-efficient, inverter-drive permanent-magnet motor electrical machine.



6



**Two-way communication**  
Between the car and the 24-hour Service Call Centre, in line with EN 81-28.



7



**Automatic rescue system**  
With floor level indication to ensure fast, efficient and safe evacuation of passengers in the event of an emergency. As an option the system can incorporate a fully automatic rescue device to evacuate passengers in the event of a power failure.



8



**Shaft usability**  
Lifts designed especially to use all the shaft space available especially in existing buildings, obtaining a good relation between the space available and the number of passengers to be transported.

