

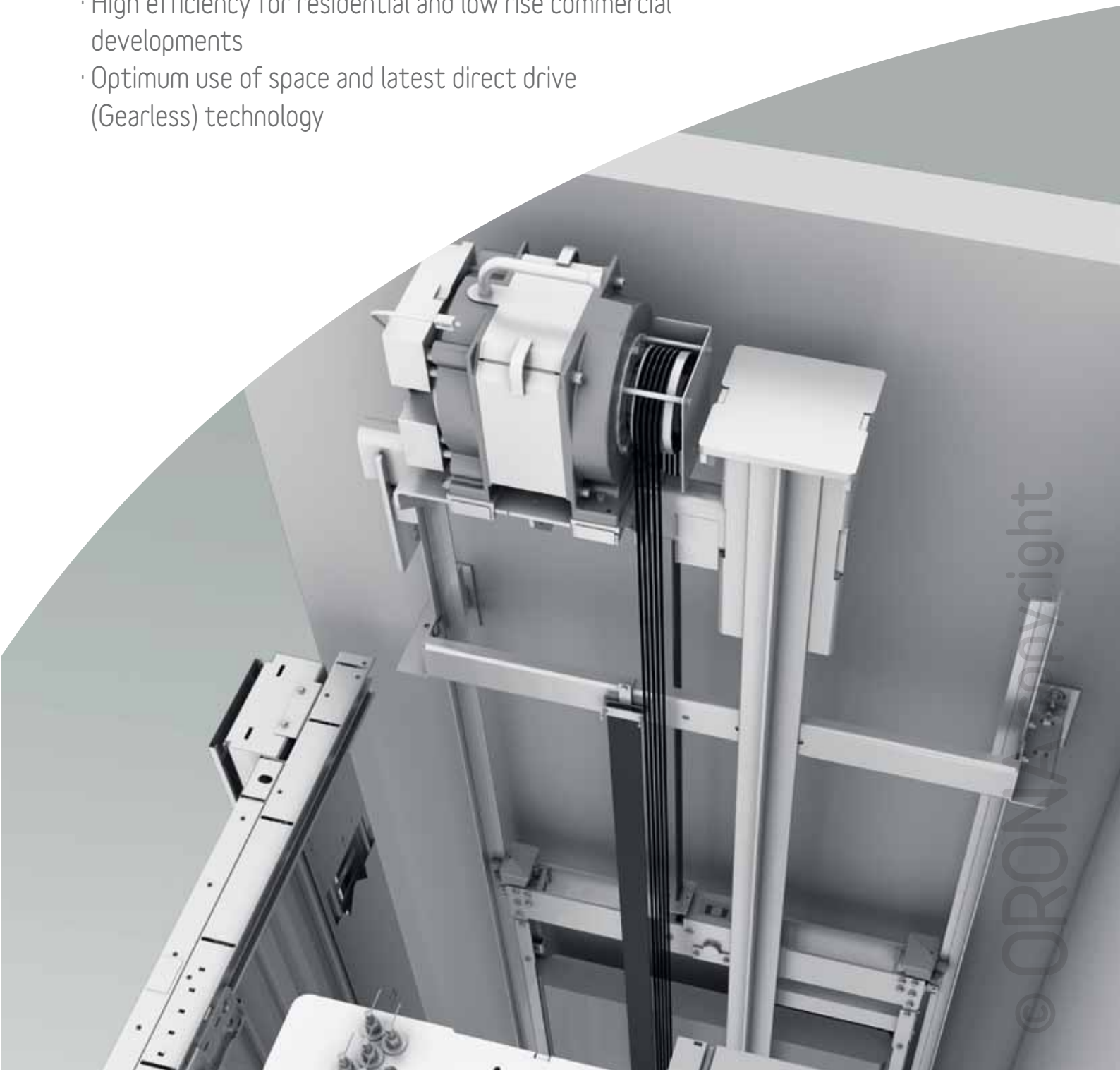


Orona

Orona 3G 1015

Machine-room-less (MRL) solutions

- High efficiency for residential and low rise commercial developments
- Optimum use of space and latest direct drive (Gearless) technology



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Orona 3G 1015

The customised solution
Maximum flexibility and performance

General specifications

Load / Capacity	320 to 1000 kg 4 to 13 persons			
Speed	1 - 1,6 m/s			
Maximum travel	50 - 60 m			
Maximum floors served	16 - 21 floors			
Entrances	1 front	2 open through		
Drive system	Direct Gearless			
Controller	ARCA II controller, low energy microprocessor			
Door types	Automatic side-opening		Automatic central-opening	
Clear door opening	From 600 to 1500 mm (in 100 mm increments)			
Door height	2000	2100	2200	2300
Car dimensions	Parametric car dimensions			
Internal car height	2100	2200	2300	2400
Aesthetic solutions	DR1	DR2 / DR3 / DR4 / DR5 / DR6 / DR7 / DR8	DS1 / DS2 / DS3 / DS4 / DS5	Orona 3G Domo Plus

Standard Optional

Aesthetic solutions

See the "Orona 3G Domo Packs - Domo Plus" brochure for a full range of aesthetic solutions



DR1

Options

See the "Orona 3G Options" brochure for a full range of available options



ECO-EFFICIENCY

Automatic car lighting turn off
Efficient lighting
Landing illumination control



ADAPTABILITY

Wide-framed door
Lift well enclosures
Reduced headroom
Accessible space below the pit



DESIGN AND ACCESSIBILITY

EN 81-70 accessible car
Photoelectric curtain
Customised aesthetics



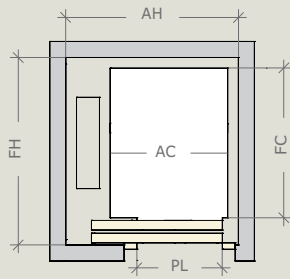
CONTROL AND SAFETY

Collective controls
Pre-opening doors
Teleservice system
Automatic rescue system

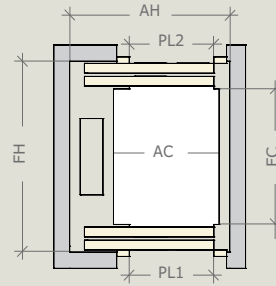


Layout

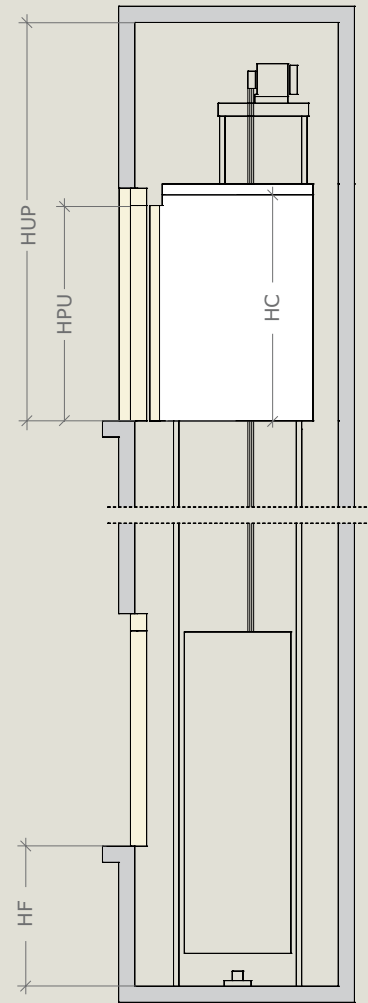
1 ENTRANCE



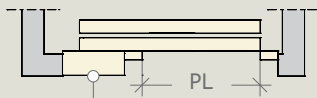
2 ENTRANCES (OPEN THROUGH)



VERTICAL SECTION

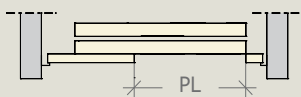


CONTROLLER DETAIL

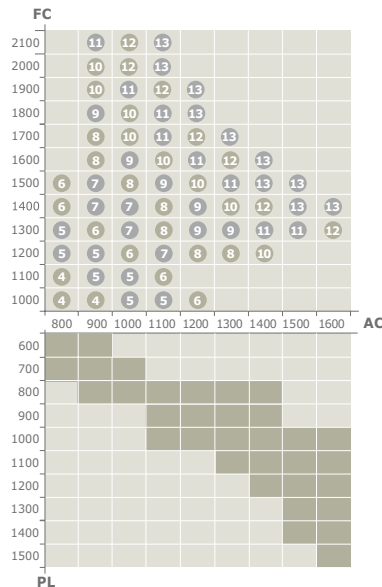


Controller at the top floor:
277 x 152 mm
Optional locations available

WIDE-FRAMED DOOR DETAIL



CUSTOMISED CAR DIMENSIONS



Note: Car width and depth variable in increments of 5 mm.
For simplification, table samples increments of 100 mm.

Standard dimensions

LOAD / CAPACITY			CAR			LIFT SHAFT *							
SPEED	PERSONS	Q LOAD	AC WIDTH	FC DEPTH	PL CLEAR OPENING	ENTRANCES		SIDE-OPENING DOORS		CENTRAL-OPENING DOORS		HF PIT	HUP HEADROOM
						ACCESSIBILITY	No. OF ENTRANCES	AH ¹ WIDTH	FH ² DEPTH	AH WIDTH	FH ³ DEPTH		
1 m/s	4	320 kg	825	1100	700		1 2x180 ⁰	1300	1350 1500			1000 (830) ⁴	3400 (3050) ⁵
	6	450 kg	1000	1250	800	♿	1 2x180 ⁰	1450	1500 1650	1725	1450 1550		
	8	630 kg	1100	1400	900		1 2x180 ⁰	1600	1675 1850	1925	1625 1750		
	10	800 kg	1350	1400	900	♿	1 2x180 ⁰	1825	1675 1850	1925	1625 1750		
	13	1000 kg	1600	1400	1000		1 2x180 ⁰	2075	1675 1850	2150	1625 1750		
1.6 m/s	4	320 kg	825	1100	700		1 2x180 ⁰	1325	1350 1500			1120	3550
	6	450 kg	1000	1250	800	♿	1 2x180 ⁰	1475	1500 1650	1725	1450 1550		
	8	630 kg	1100	1400	900		1 2x180 ⁰	1625	1675 1850	1925	1625 1750		
	10	800 kg	1350	1400	900	♿	1 2x180 ⁰	1850	1675 1850	1925	1625 1750		
	13	1000 kg	1600	1400	1000		1 2x180 ⁰	2100	1675 1850	2175	1625 1750		
			1100	2100	1000		1 2x180 ⁰	1775	2375 2550	2125	2300 2400		

1) Accessible space below the pit (counterweight with safety gear) add 115 mm to AH
2) Shaft depth with door tracks projecting 60 mm on the landing
3) Shaft depth with door tracks projecting 40 mm on the landing

4) HF reduced pit optional 830 mm
5) HUP reduced headroom optional. Consult availability of car dimensions
* Minimum plumb measurements

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DRIVE

Compact, quiet, gearless, energy efficient, speed controlled permanent magnet electric motor.



REDUCED HEADROOM

Optional feature to allow the reduction of the shaft headroom required, whilst maintaining the maximum safety and protection for maintenance staff.



DOORS

Compact permanent magnet motor for fast, accurate and quiet door operation giving the most advanced performance. Advanced door opening and photoelectric curtain. Optional Solid Door for high flow situations.



TRACTION ROPES

They replace the traditional steel wire ropes. Owing to their lighter weight, longer lifespan and greater flexibility, they make it possible to use a more compact machine with a more efficient and ecofriendly motor.



PARAMETRIC/FLEXIBLE

Parametric products allow adaptability of the lift dimensions to meet the requirements of the lift well.



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.



SHAFT USABILITY

Lifts specifically designed to use all the shaft space available.



TWO-WAY COMMUNICATIONS

Between the lift and the emergency 24-hour Service Call Centre according to EN 81-28 (optional).



ACCESSIBLE SPACE BELOW THE PIT

Adapts the lift to suit buildings which have an accessible space below the pit (optional).



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

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1015

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