



> MOVING FORWARD & MOVING ON

FELESA®

FELESA®



índice index



la empresa the company 4-5

elevadores elevators 6-23

cabinas cars 24-41

especificaciones técnicas
technical specifications 42-54





FELESA se ha especializado en el suministro a países extranjeros de ascensores completos. El producto es suministrado de acuerdo con la Directiva 2014/33/UE en aquellos países europeos que lo requieran. Se ofrece un servicio impecable a sus clientes para asegurar una perfecta comunicación.

FELESA has specialized in supplying complete elevators to foreign countries. The product is supplied in accordance with Directive 2014/33/EU to those European countries that require it. We offer impeccable service to our customers in order to ensure seamless communication.

certificados certificates



ISO 9001



2014/33/EU Module E



2014/33/EU Module H



BS OHSAS 1801



la empresa the company



Felesa en el mundo

Con unas instalaciones de 13.600 m² FELESA es una empresa polivalente, tanto en fabricación de elevadores completos como de componentes para ascensores.

Emplazada al noreste de España, en Zaragoza, ciudad moderna y tecnológica, y con excelentes comunicaciones con los principales puntos de la red industrial nacional.

La tecnología de vanguardia y los procesos productivos informatizados de FELESA han conseguido la seguridad y flexibilidad necesarias para cumplir con garantía los requisitos de nuestros clientes, tanto en las características técnicas y de calidad de los productos como en los plazos de entrega exigidos.

Felesa in the world

With 13,600 square meter facilities, FELESA is a versatile company which manufactures both complete elevators as well as elevator components.

Located in Northwestern Spain, in Zaragoza, a modern and technologically-advanced city with excellent connections with the main points of the national industrial network.

FELESA's cutting-edge technology and computerized production processes have achieved the safety and flexibility which are needed in order to meet the requirements of our customers, both in terms of technical and quality characteristics of the products and those regarding delivery time.

elevadores elevators





elevators



diseño+modernidad
design+modernity



residenciales residential

EN81-20 / EN81-50



Nuestra gama de ascensores para el sector residencial se integra en la dinámica de vida y necesidades de los edificios actuales, tanto en eficiencia y sostenibilidad como en estética y amplitud de cabinas. Con un desplazamiento silencioso y seguro, la funcionalidad está asegurada.

Our range of elevators for the residential sector integrate into the dynamics of life and needs of present-day buildings, both in terms of efficiency and sustainability as well as aesthetics and car room. Functionality is assured thanks to a quiet and safe movement.

La vida moderna se mueve, nuestros ascensores también.
Modern life is moving on and so are our elevators.



confort+rendimiento
comfort+performance



comerciales commercial

EN81-20 / EN81-50



Ascensores para cumplir con las exigencias del sector comercial, como son movilidad y tráfico de pasajeros, rendimiento y eficiencia energética, funcionamiento silencioso, y adaptabilidad de interiores de cabinas, integrando inoxidable y cristal en perfecto equilibrio con las estéticas actuales de estos edificios.

Elevators to meet the demands of the commercial sector, such as mobility and passenger traffic, performance and energy efficiency, quiet operation, and adaptability of car interiors, incorporating stainless steel and glass in perfect balance with the current aesthetics of these buildings.

**Los negocios y los edificios comerciales no paran,
nuestros ascensores tampoco.**
**Businesses and commercial buildings never stop
and neither do our elevators.**



capacidad+experiencia
capacity+experience



industriales industrial lifts

EN81-20 / EN81-50



Especialmente diseñados para edificios industriales, fábricas, almacenes y depósitos de materiales, donde se necesita movimiento de mercancías y grandes cargas. También para movimiento vertical de vehículos. Flexibles, versátiles, robustos y duraderos. Cabinas dotadas de protecciones, adaptadas a medida en dimensiones y acabados al lugar destinado para su uso.

Specially designed for industrial buildings, factories, warehouses and stores of materials, where goods and heavy loads need to be moved. Also to move vehicles vertically. Flexible, versatile, robust and durable. Cars equipped with protection, tailored to the dimensions and finishes of the place they are intended for.

Si hay mercancías para mover, nuestros ascensores las mueven.
Whenever there are goods to be moved, our elevators move them.



perfección+seguridad
perfection+safety



accesibles accessible

EN81-20 / EN81-50



Pensados para cubrir las necesidades de movimiento de personas discapacitadas o con movilidad reducida, así como pacientes en hospitales, residencias, clínicas y edificios. En estos casos la fiabilidad y seguridad es lo más importante. Precisos, eficientes, confortables y prácticos.

Designed to meet the mobility needs of disabled people or those with reduced mobility, as well as patients in hospitals, nursing homes, clinics and buildings. In these cases reliability and safety are paramount. Accurate, efficient, comfortable and practical.

Ante necesidades de accesibilidad, nuestros ascensores rompen las barreras.
Whenever we are faced with accessibility needs, our elevators break down barriers.





adaptación+espacio
adaptability+space



rehabilitaciones, modernizaciones, edificios sin ascensor rehabilitation, modernization, buildings without elevators

EN81-20 / EN81-50



Soluciones flexibles y que se adaptan a cualquier edificio y espacio. Optimizamos los espacios por muy reducidos que sean. Dotados con los sistemas más modernos de eficiencia energética, mejoran y optimizan la vida en los edificios que no disponen de ascensor. También pensados para sustituir instalaciones antiguas para mejorar la seguridad y adaptarlos a las nuevas normativas.

Flexible solutions that adapt to any building or space. We optimize space, no matter how small. Equipped with state-of-the-art energy efficiency systems, they improve and optimize life in buildings without elevators. They are also intended to replace aging facilities in order to improve safety and adapt to new regulations.

¿No disponen de ascensor?, nosotros le proporcionamos uno.
Don't you have an elevator? We provide one.



creatividad+perfección
creativity+perfection



personalizados custom-built

EN81-20 / EN81-50



Hay edificios singulares donde la exclusividad es necesaria. Nuestros ascensores personalizados se diseñan para cubrir estas necesidades. Plasmando y adaptando la creatividad y diseños de los arquitectos y diseñadores. Integración, personalización, perfección y adaptación.

There are special buildings where exclusivity is necessary. Our elevators are custom designed to meet these needs. Translating and adapting the creativity and designs by architects and designers. Integration, customization, perfection and adaptation.

**Usted proponga, nosotros lo creamos.
You propose, we create.**



visión+futuro
vision+future



panorámicos scenic

EN81-20 / EN81-50



Ascensores destinados para edificios donde la luminosidad, transparencia y visión son importantes. Cabinas exclusivas, redondas, cuadradas, de interior, de exterior, con puertas de cristal... Con nuestros ascensores panorámicos la sensación de libertad está asegurada.

Elevators intended for buildings where brightness, transparency and vision are important. The cars are unique, round, square, interior, exterior, with glass doors. Freedom is assured with our scenic elevators.

Entre en nuestros ascensores panorámicos, mire y respire.
Step inside our elevators, look and breathe in.

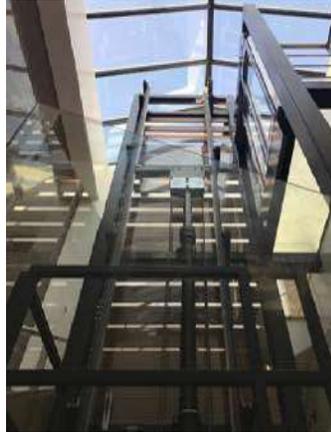


solidez+adaptabilidad
solidity+adaptability



estructuras structures

EN81-20 / EN81-50

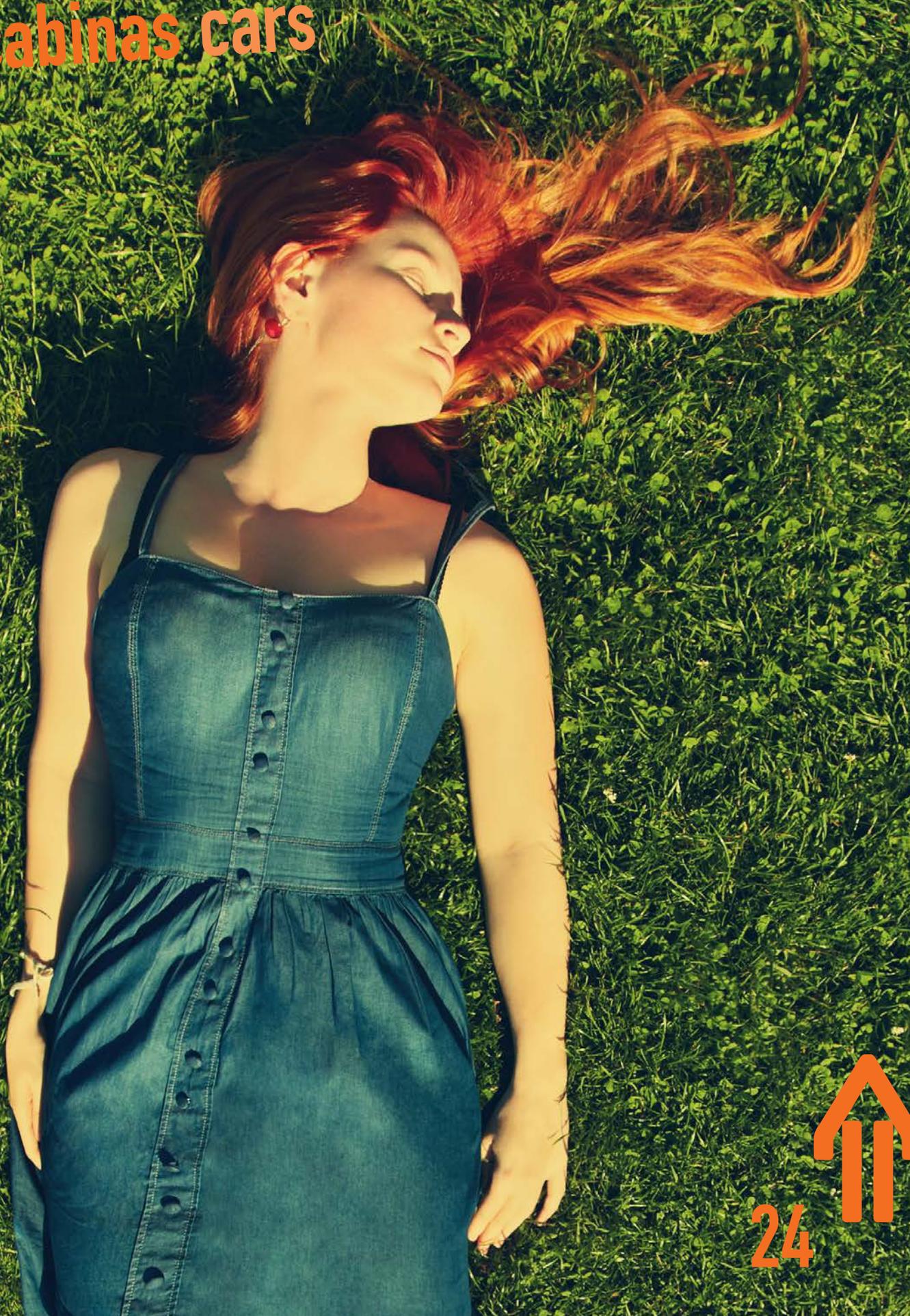


Estructuras autoportantes pensadas para solucionar la instalación de ascensores en lugares donde no existe hueco con paredes resistentes, o se anexan exteriormente a los edificios. Resistentes y sólidas, pero adaptables en estética. De chapa, de colores, de inoxidable, de cristal.

Free-standing structures designed to find a solution for the installation of elevators in places where there are no strong walled shafts, or they are to be attached externally to the buildings. Resistant and robust, but aesthetically adaptable. Sheet, colors, stainless steel, glass.

No tiene hueco para su ascensor, nosotros le proporcionamos uno.
If you have no shaft for your elevator, we provide one.

cabinas cars



URBAN series 26-29

NATURE series 30-31

GLASS series 32-33

STEEL series 34-35

CONFORT series 36-37

cabinas cars

URBAN series



U2



U3

U1



BERENJENA

U2



GRIS

U3



AZUL

U4



BLANCO

U5



MENTA

U6



CREMA

U7



AMARILLO

U8



CHOCOLATE

UC1



MENTA
BLANCO

UC2



CHOCOLATE
CREMA







UC2



NATURE series



N1



N2

N1

N2

N3

N4



ARCE



WENGUE



CEREZO



ROBLE



GLASS series



G2

G1



NEGRO

G2



BLANCO

G3



AZUL

G4



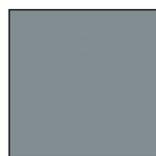
GRANATE

G5



CREMA

G6



GRIS



STEEL series



S2



S3

S1

S2

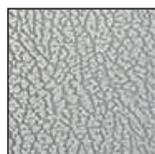
S3

S4

S5



ACERO
INOXIDABLE
SATINADO



ACERO
INOXIDABLE
LEDER



ACERO
INOXIDABLE
BRONCE



ACERO
INOXIDABLE
5WL



ACERO
INOXIDABLE
ESPEJO



CONFORT series



C1



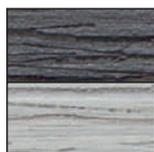
C2

C1



LINO
OSCURO
CLARO

C2



EXPRESSO
OSCURO
CLARO

C3



BRONCE

C4



ROBLE
CENIZA



espejos mirrors



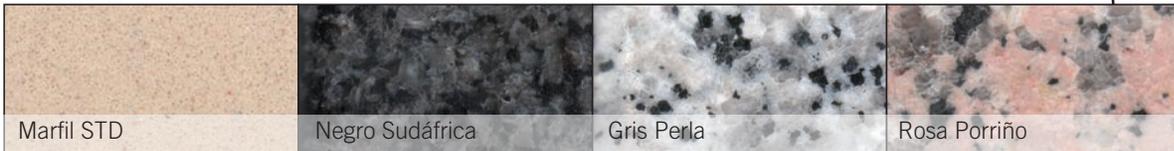
Espejo Entero Full mirror

Espejo Medio Half mirror

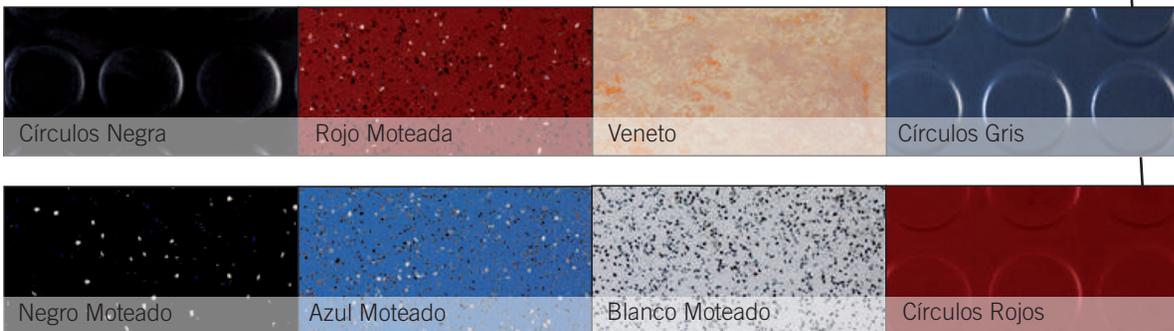
acabados finishes

suelos floorings

Granitos Granite



Gomas Rubber



Chapas Steel



botoneras push units



Rellanos / Landings



White



Black



S/steel



iluminación lighting



Foco Led / Spot Led



White



Black



Plafón Led



White

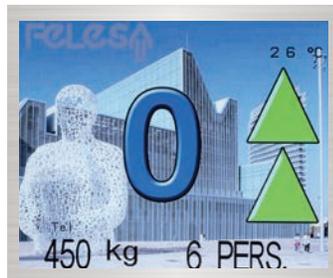


Black

señalización indicators



TFT 2,8" Rellanos / Landings



TFT 5,6" Botenera cabina / C.O.P.

pasamanos handrails



S/steel

Black

White

especificaciones técnicas technical specifications





especificaciones técnicas technical specifications

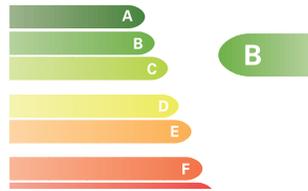
Felesa Greening concept

Confort, seguridad, eficiencia y sostenibilidad son el punto de partida para la concepción y diseño de todos los productos y soluciones de transporte vertical de FELESA.

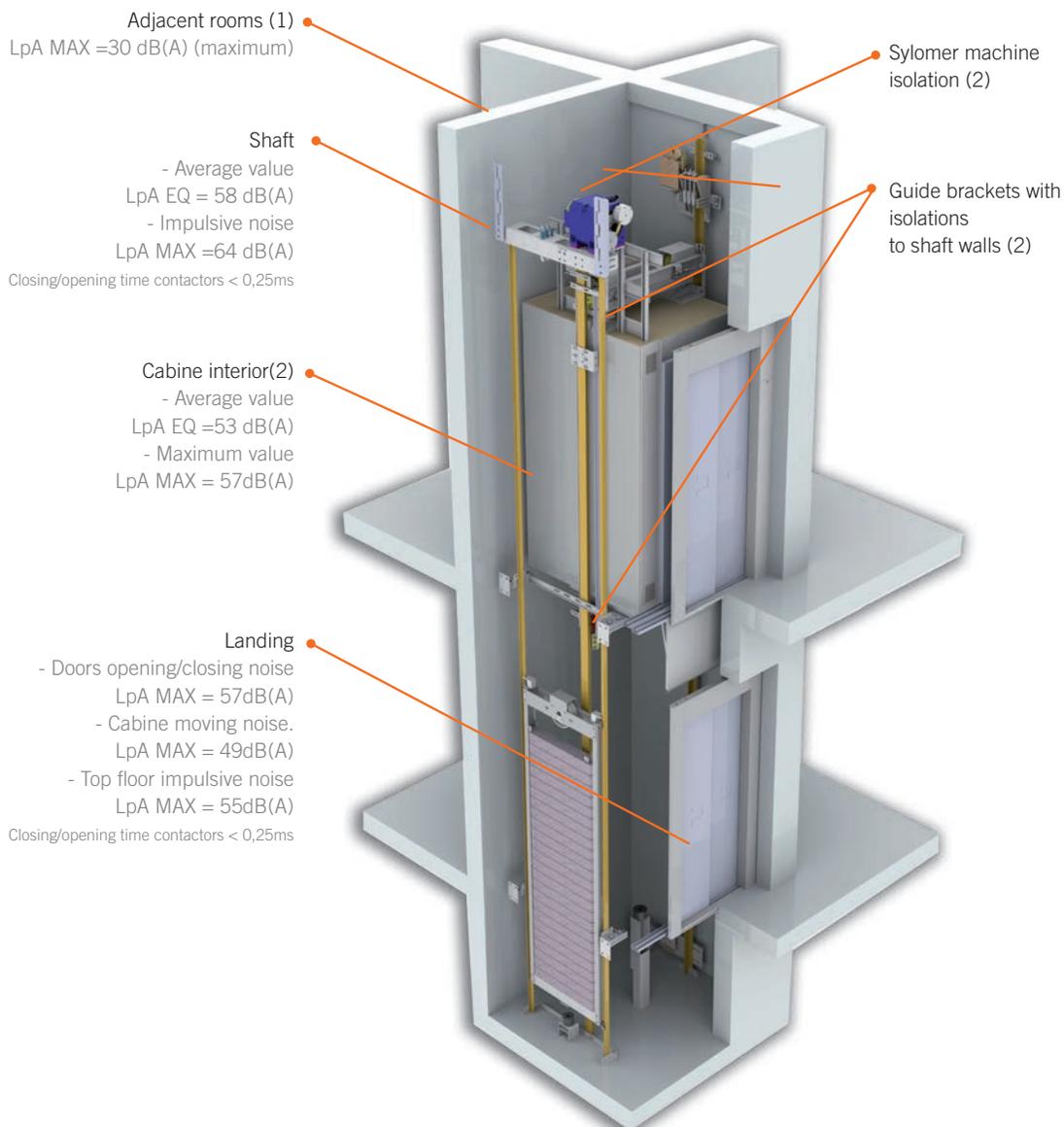
FELESA utiliza de manera regular materiales y componentes de máxima calidad, que son empleados en instalaciones que han alcanzado clasificaciones energéticas dentro del "rango verde" de la Norma VDI 4707 (Clase "A", "B" y "C").

Comfort, safety, efficiency and sustainability are the starting point for the conception and design of all products and vertical transportation solutions from FELESA.

FELESA regularly uses top quality materials and components, which are used in facilities that have achieved energy ratings within the "green range" of Standard VDI 4707 (Class "A", "B" and "C").



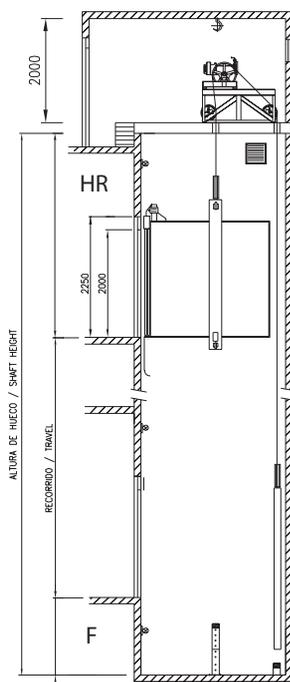
mapa sonoro noise mapping



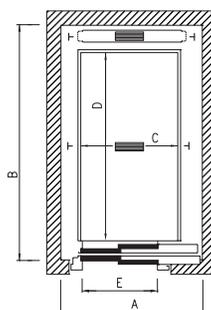
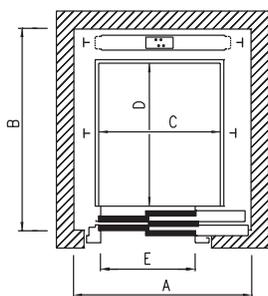
ascensores eléctricos electric lifts

con cuarto de máquinas with machine room

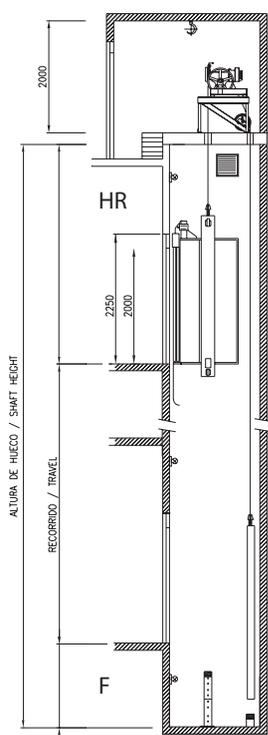
1 acceso 1 access



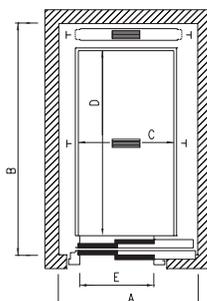
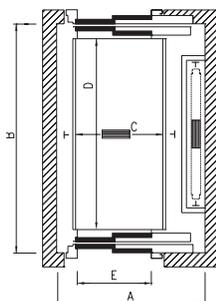
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
300	1300x1550	1:1	900x1040	700	1	9	4,5	3400	3500	700	1050
450	1450x1750		1000x1250	800		10	5,5	3400	3500	700	1050
630	1600x1900		1100x1400	900		13	8	3400	3500	700	1050
750	1700x2200		1100x1600			16	10	3800	3900	700	1100
900	1700x2500		1100x1900			21	12,5	3800	3900	700	1100
1000	1700x2700		1100x2100	2:1		1000	23	13,5	3800	3900	700
1125	1850x2700	1200x2100	21		12,5		3800	3900	1100	1200	
1250	1900x2700	1300x2100	24		14		3800	3900	1100	1200	
1350	1900x2800	1300x2200	24		14,5		3800	3900	1100	1200	
1500	1950x2900	1400x2300	26		16		3800	3900	1100	1200	



2 accesos 180° 2 access 180°

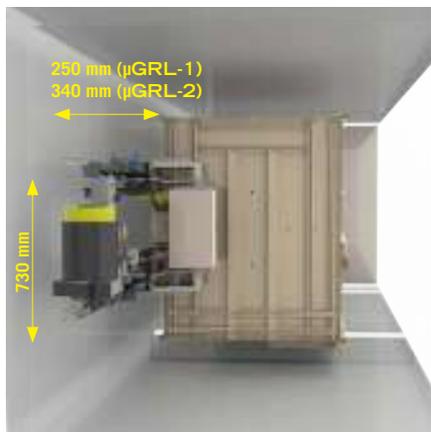


(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
300	1400x1550	1:1	900x1040	700	1	9	4,5	3400	3500	700	1050
450	1650x1700		1000x1250	800		10	5,5	3400	3500	700	1050
630	1850x1850		1100x1400	900		13	8	3400	3500	700	1050
750	1900x2050		1100x1600			16	10	3800	3900	700	1100
900	1900x2300		1100x1850			21	12,5	3800	3900	700	1100
1000	1900x2500		1100x2050	2:1		1000	23	13,5	3800	3900	700
1125	2100x2600	1200x2100	21		12,5		3800	3900	1100	1200	
1250	2200x2600	1300x2100	24		14		3800	3900	1100	1200	
1350	2200x2700	1300x2200	24		14,5		3800	3900	1100	1200	
1500	2300x2800	1400x2300	24		14,5		3800	3900	1100	1200	



GRL series

con/sin cuarto de máquinas gearless
Gearless with machine room and machine room-less



microGRL

Especial rehabilitaciones y huecos reducidos
Special rehabilitation and small shafts

	µGRL-1	µGRL-2
Foso / Pit (*)	300mm	300mm
Huida / Headroom	3400mm	2700mm
Mecánica / Mechanical	250mm	340mm

Opción: 220 monofásico / Option 220 single phase

(*) En caso 630 Kg Foso min: 350 mm / In case of 630 Kg Min. Pit: 350 mm

Normativa: EN-81.21 / Regulation EN-81.21

huecos standard standard shafts

1 acceso 1 access



(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
320	1370x1150	1:1 / 2:1	950x900	700	1	7,5	2,3	3400	3500	700	1050
480	1420x1500		1000x1250	800		10,6	3	3400	3500	700	1050
630	1550x1650	2:1	1100x1400	900		4,7	11,9	3400	3500	700	1050

2 accesos 180º 2 access 180º

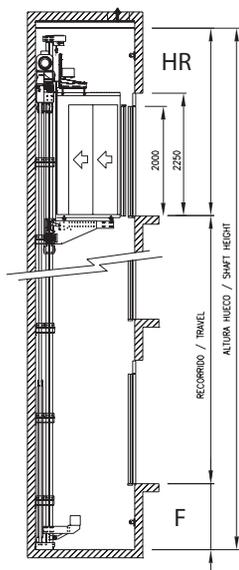
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
320	1370x1250	1:1 / 2:1	950x900	700	1	7,5	2,3	3400	3500	700	1050
480	1420x1550		1000x1250	800		10,6	3	3400	3500	700	1050
630	1550x1700	2:1	1100x1400	900		4,7	11,9	3400	3500	700	1050

2 accesos 90º / 2 access 90º

(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
320	1370x1370	1:1 / 2:1	850x1000	700	1	7,5	2,3	3400	3500	700	1050
480	1520x1520		1000x1250	800		10,6	3	3400	3500	700	1050
630	1650x1700	2:1	1100x1400	900		4,7	11,9	3400	3500	700	1050

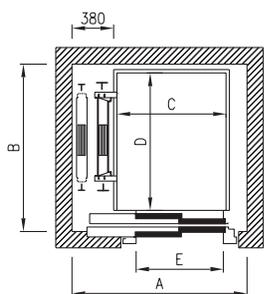
ascensores eléctricos electric lifts

sin cuarto de máquinas gearless Machine room-less



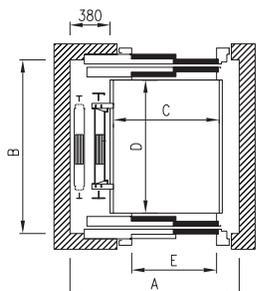
miniGRL

1 acceso 1 access



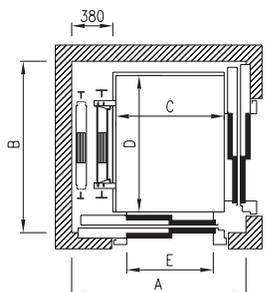
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
320	1400x1400	2:1	850x1000	700	1 / 1,6	2,3	8,3	3550	3600	700	1200
480	1550x1500		1000x1250	800		3,2	9,9	3400	3500	700	1200
630	1650x1650		1100x1400	800		4,3	13	3400	3500	700	1200

2 accesos 180° 2 access 180°



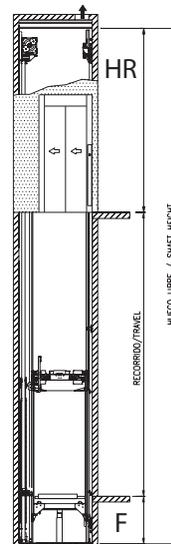
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
320	1400x1500	2:1	850x1000	700	1 / 1,6	2,3	8,3	3550	3600	700	1200
480	1550x1600		1000x1250	800		3,2	9,9	3400	3500	700	1200
630	1650x1800		1100x1400	800		4,3	13	3400	3500	700	1200

2 accesos 90° / 2 access 90°



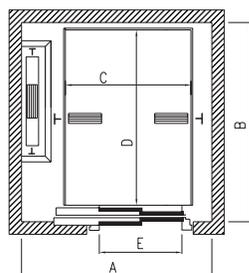
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
320	1500x1450	2:1	850x1000	700	1 / 1,6	2,3	8,3	3550	3600	700	1200
480	1650x1550		1000x1250	800		3,2	9,9	3400	3500	700	1200
630	1750x1700		1100x1400	800		4,3	13	3400	3500	700	1200

con/sin cuarto de máquinas gearless Gearless with machine room and machine room-less



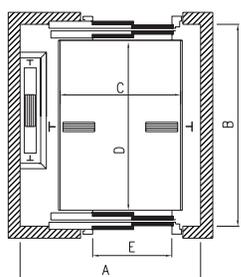
GRLp

1 acceso 1 access



(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
320	1350x1400	2:1	850x1000	700	1 1,6	8 13	4,5 5,3	4350 4450	4400 4500	H=700	1350
480	1500x1550		1000x1250	800	1 1,6	8 13	4,5 7,1	3400 3600	3500 3700	H=700	1100 1200
630	1600x1700		1100x1400	900	1 1,6	10 16	5,9 9,4	3400 3500	3600 3600	H=700	1100 1200
800	1750x1900	2:1	1100x1600	900	1 1,6	12 19	7,5 12	3450 3550	3650 3750	H=700	1100 1200
1000	1750x2400		1100x2100	900	1 1,6	14,5 22	9,6 15,2	3500 3700	3600 3800	H=700	1200 1300

2 accesos 180º 2 access 180º

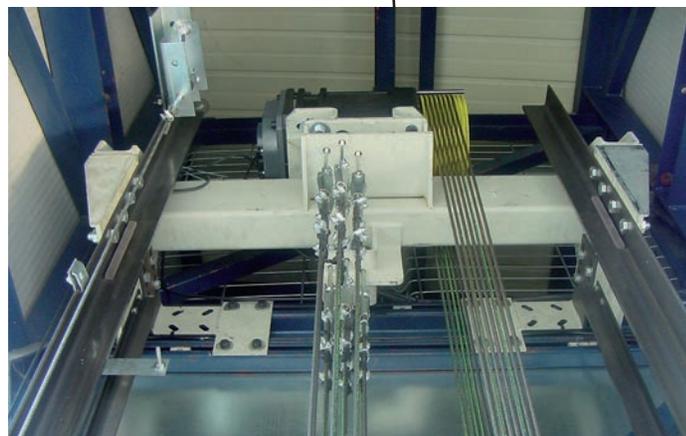
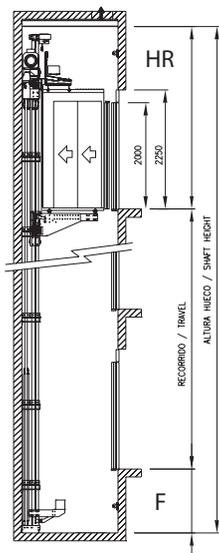


(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
320	1350x1600	2:1	850x1000	700	1 1,6	8 13	4,5 5,3	4350 4450	4400 4500	H=700	1350
480	1500x1750		1000x1250	800	1 1,6	8 13	4,5 7,1	3400 3600	3500 3700	H=700	1100 1200
630	1600x1900		1100x1400	900	1 1,6	10 16	5,9 9,4	3400 3500	3600 3600	H=700	1100 1200
800	1750x2100	2:1	1100x1600	900	1 1,6	12 19	7,5 12	3450 3550	3650 3750	H=700	1100 1200
1000	1750x2600		1100x2100	900	1 1,6	14,5 22	9,6 15,2	3500 3700	3600 3800	H=700	1200 1300



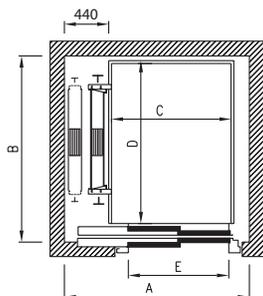
48

ascensores eléctricos electric lifts



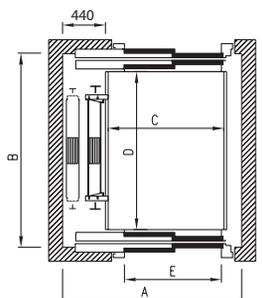
GRL2

1 acceso 1 access



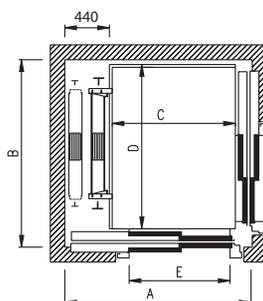
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
800	1750x1900	2:1	1100x1600	900	1	19,5	5,8	3800	3900	H=1100	1200
1000	1750x2400		1100x2100	900		21,5	7,1	3800	3900	H=1100	1200

2 accesos 180° 2 access 180°

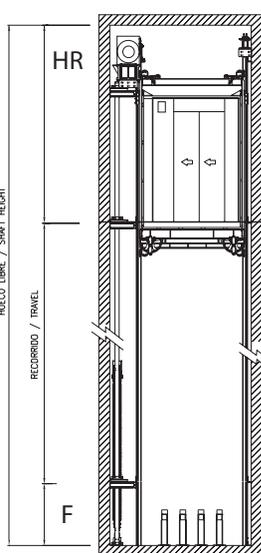
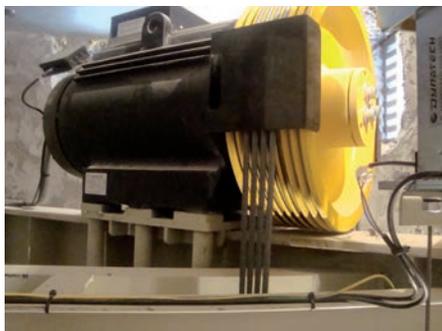


(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
800	1750x2100	2:1	1100x1600	900	1	19,5	5,8	3800	3900	H=1100	1200
1000	1750x2600		1100x2100	900		21,5	7,1	3800	3900	H=1100	1200

2 accesos 90° 2 access 90°

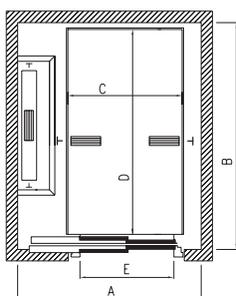


(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
800	1750x2100	2:1	1100x1600	900	1	19,5	5,8	3800	3900	H=1100	1200
1000	1750x2600		1100x2100	900		21,5	7,1	3800	3900	H=1100	1200
825	1850x2100		1400x1400	900		19,5	5,8	3800	3900	H=1100	1200



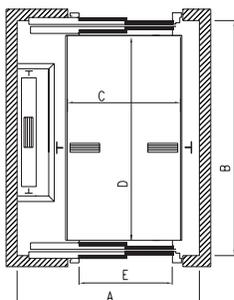
GRL4

1 acceso 1 access



(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
1250	2250x2400	2:1	1300x2100	1000	1 \ 1,6	25 \ 39	11 \ 18	3900	4000	H=1100	1250
1600	2350x2650		1400x2350	1100		28 \ 44	16 \ 26	3900	4000	H=1100	1300
2000	2450x2900		1500x2600	1200		45 \ 65	20 \ 32	3900	4000	H=1100	1300
2500	2750x3000		1800x2700	1300		68 \ 83	26 \ 36	4000	4100	H=1100	1400

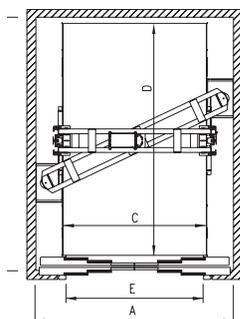
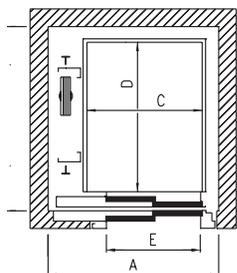
2 accesos 180° 2 access 180°



(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(Kw)	HM	HR	B	F
1250	2200x2500	2:1	1300x2100	1000	1 \ 1,6	25 \ 39	11 \ 18	3900	4000	H=1100	1250
1600	2350x2750		1400x2350	1100		28 \ 44	16 \ 26	3900	4000	H=1100	1300
2000	2450x2300		1500x2600	1200		45 \ 65	20 \ 32	3900	4000	H=1100	1300
2500	2750x3100		1800x2700	1300		68 \ 83	26 \ 36	4000	4100	H=1100	1400

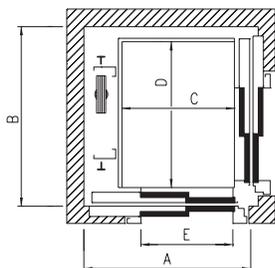
ascensores hidráulicos hydraulic lifts

1 acceso 1 access



(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
1 Cilindro / 1 Cylinder											
300	1350x1300	2:1	870x1000	700	0,63	15 \ 45	8	3350	3450	H=700	1150
375	1450x1500		900x1200	800		20 \ 58	10,5	3350	3450	H=700	1150
450	1500x1550		1000x1250			20 \ 58	10,5	3350	3450	H=700	1150
525	1600x1600		1100x1300	850		23 \ 70	13	3350	3450	H=700	1150
630	1600x1700		1100x1400			23 \ 70	13	3350	3450	H=700	1150
750	1600x1900		1100x1600	900		28 \ 40	15	3400	3500	H=700	1300
900	1650x2200		1100x1900			34 \ 48	20	3400	3500	H=700	1300
1000	1650x2400		1100x2100			34 \ 48	20	3400	3500	H=700	1300
1125	1750x2400		1200x2100	1000		42 \ 60	25	3400	3500	H=700	1500
1250	1800x2500		1250x2150			51 \ 73	30	3400	3500	H=700	1500
1425	1900x2650	1350x2300	1100	51 \ 73	30	3400	3500	H=700	1500		
1600	1950x2800	1400x2450		68 \ 98	40	3400	3500	H=700	1500		
2 Cilindros / 2 Cylinders											
1600	2500x2500	1:1	1600x2100	1500	0,3-0,63	To verify	To verify	To verify	To verify	To verify	To verify
2000	2700x2650		1800x2250	1700		To verify	To verify	To verify	To verify	To verify	To verify
2500	2900x2800		2000x2400	1800		To verify	To verify	To verify	To verify	To verify	To verify
3000	3200x2800		2300x2400	2200		To verify	To verify	To verify	To verify	To verify	To verify
3500	3400x2900		2500x2500			To verify	To verify	To verify	To verify	To verify	To verify
4000	3400x3200		2500x2800	2300		To verify	To verify	To verify	To verify	To verify	To verify

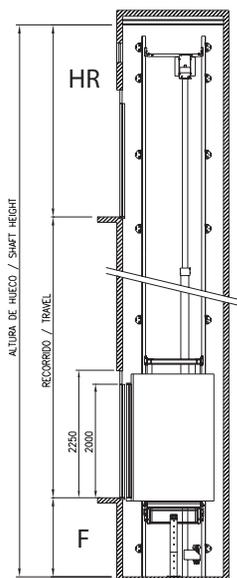
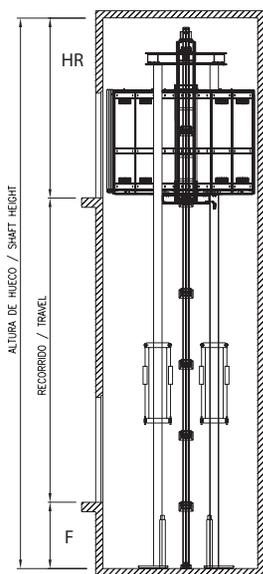
2 accesos 90° 2 access 90°



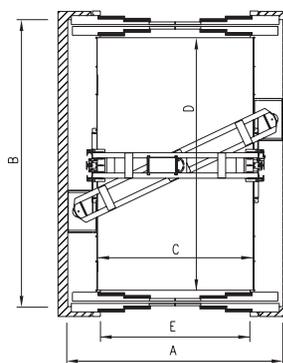
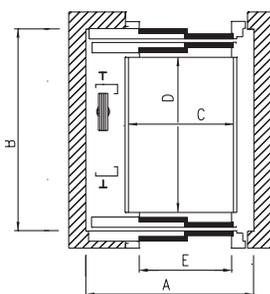
(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
1 Cilindro / 1 Cylinder											
300	1450x1450	2:1	900x1000	700	0,63	15 \ 45	8	3350	3450	H=700	1150
375	1500x1500		950x1100	800		20 \ 58	10,5	3350	3450	H=700	1150
450	1550x1650		1000x1250			20 \ 58	10,5	3350	3450	H=700	1150
525	1650x1650		1100x1250	850		23 \ 70	13	3350	3450	H=700	1150
630	1650x1800		1100x1400			23 \ 70	13	3350	3450	H=700	1150
750	1800x1800		1250x1400	900		28 \ 40	15	3400	3500	H=700	1300
900	1850x2000		1300x1600			34 \ 48	20	3400	3500	H=700	1300
1000	1950x2000		1400x1600			34 \ 48	20	3400	3500	H=700	1300
1125	1800x2550		1200x2100	1000		42 \ 60	25	3400	3500	H=700	1500
1250	1850x2600		1250x2150			51 \ 73	30	3400	3500	H=700	1500



2 accesos 180° 2 access 180°

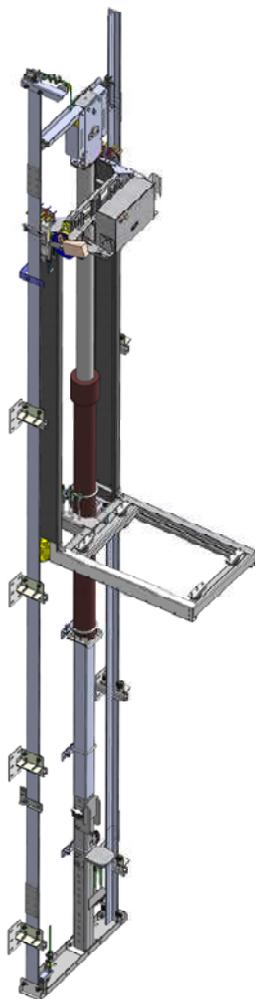


(kg)	AxB (mm)		CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
1 Cilindro / 1 Cylinder											
300	1350x1400	2:1	870x1000	700	0,63	15 \ 45	8	3350	3450	H=700	1100
375	1450x1600		900x1200	800		20 \ 58	10,5	3350	3450	H=700	1100
450	1500x1650		1000x1250	850		20 \ 58	10,5	3350	3450	H=700	1100
525	1600x1700		1100x1300	900		23 \ 70	13	3350	3450	H=700	1100
630	1600x1800		1100x1400	900		23 \ 70	13	3350	3450	H=700	1100
750	1600x2000		1100x1600	1000		28 \ 40	15	3400	3500	H=700	1300
900	1650x2300		1100x1900	1000		34 \ 48	20	3400	3500	H=700	1300
1000	1650x2500		1100x2100	1000		34 \ 48	20	3400	3500	H=700	1300
1125	1750x2500		1200x2100	1000		42 \ 60	25	3400	3500	H=700	1300
1250	1800x2600		1250x2150	1000		51 \ 73	30	3400	3500	H=700	1300
2 Cilindros / 2 Cylinders											
1600	2500x2550	1:1	1600x2100	1500	0,3-0,63	To verify	To verify	3400	3500	H=700	1100
2000	2700x2700		1800x2250	1700		To verify	To verify	3400	3500	H=700	1100
2500	2900x2850		2000x2400	1800		To verify	To verify	3400	3500	H=700	1100
3000	3200x2850		2300x2400	2200		To verify	To verify	3400	3500	H=700	1100
3500	3400x2950		2500x2500	2300		To verify	To verify	3400	3500	H=700	1100
4000	3400x3250		2500x2800	2300		To verify	To verify	3400	3500	H=700	1100



ascensores hidráulicos hydraulic lifts

Hidráulico foso - huida reducida Hydraulic low pit - low headroom

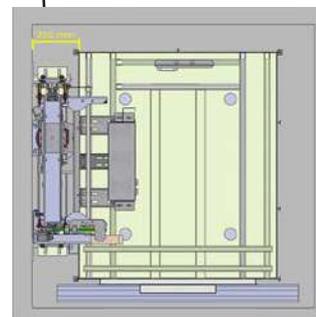


microHD

Especial rehabilitaciones y huecos reducidos
Special rehabilitation and small shafts

μHD

Foso / Pit (*) 300mm
Huida / Headroom 2700mm
Mecánica / Mechanical 220mm
Opción: 220 monofásico / Option 220 single phase



huecos standard standard shafts

1 acceso 1 access

μHD

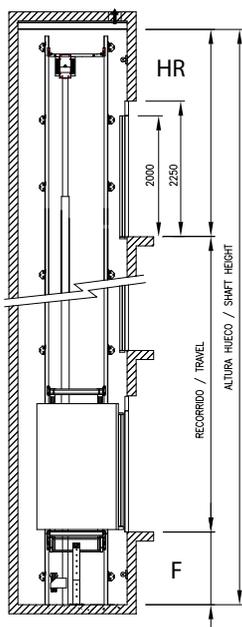
(kg)	AxB (mm)	T	CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
320	1250x1300	2:1	800x1000	700	0,63	15 \ 45	8	2700	2700	H=700	300
480	1400x1500		1000x1250	800		20 \ 58	10,5	3400	2700	H=700	300

2 accesos 180° 2 access 180°

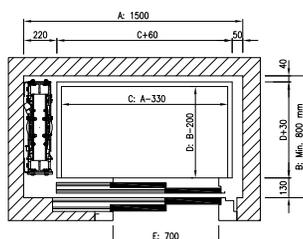
(kg)	AxB (mm)	T	CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
320	1250x1450	2:1	800x1000	700	0,63	15 \ 45	8	2700	2700	H=700	300
480	1400x1650		1000x1250	800		20 \ 58	10,5	3400	2700	H=700	300

2 accesos 90° 2 access 90°

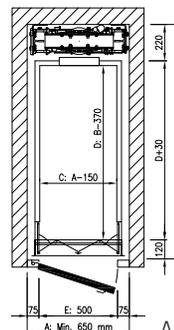
(kg)	AxB (mm)	T	CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
320	1350x1350	2:1	800x1000	700	0,63	15 \ 45	8	2700	2700	H=700	300
480	1450x1500		1000x1250	800		20 \ 58	10,5	3400	2700	H=700	300



Huecos mínimos
Minimum shafts



...Foso reducido / Huida reducida
...Low pit / Reduced headroom



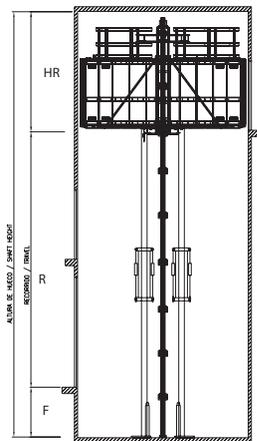
Consulte adaptabilidad a cualquier hueco
Check adaptability to any shaft

Normativa: EN-81.21 / Regulation EN-81.21

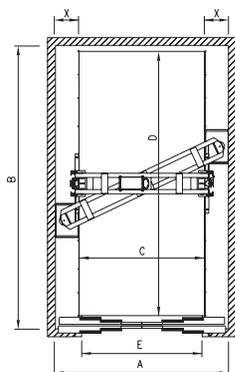
Ancho hueco mínimo: 650 mm
Minimum shaft width

ascensores hidráulicos montacoches

hydraulic car lifts

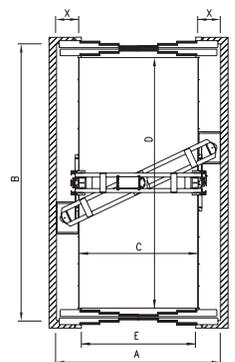


1 acceso 1 access



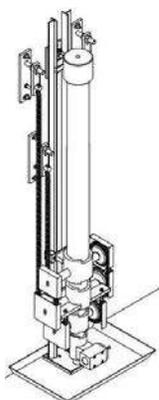
(kg)	AxB (mm)	CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
4000	3280x6100	2400x5700	2300	0,3	To verify	To verify	3400	To verify	To verify	1100
	3280x6000	2400x5600			To verify	To verify	3400	To verify	To verify	1100
	3380x6000	2500x5600			To verify	To verify	3400	To verify	To verify	1100
	3380x5800	2500x5400			To verify	To verify	3400	To verify	To verify	1100
	3380x5600	2500x5200			To verify	To verify	3400	To verify	To verify	1100
	3480x5800	2600x5400			To verify	To verify	3400	To verify	To verify	1100
	3480x5600	2600x5200			To verify	To verify	3400	To verify	To verify	1100
	3480x5400	2600x5000			To verify	To verify	3400	To verify	To verify	1100

2 accesos 180º 2 access 180º



(kg)	AxB (mm)	CxD (mm)	E (mm)	(m/s)	(A)	(CV) (HP)	HM	HR	B	F
4000	3280x6200	2400x5700	2300	0,3	To verify	To verify	3400	To verify	To verify	1100
	3280x6100	2400x5600			To verify	To verify	3400	To verify	To verify	1100
	3380x6100	2500x5600			To verify	To verify	3400	To verify	To verify	1100
	3380x5900	2500x5400			To verify	To verify	3400	To verify	To verify	1100
	3380x5700	2500x5200			To verify	To verify	3400	To verify	To verify	1100
	3480x5900	2600x5400			To verify	To verify	3400	To verify	To verify	1100
	3480x5700	2600x5200			To verify	To verify	3400	To verify	To verify	1100
	3480x5500	2600x5000			To verify	To verify	3400	To verify	To verify	1100

cilindros telescópicos telescopic cylinders



type	R	F	RS
1 etapa 1 stage	3000	1200	3600
	3500	1400	3800
2 etapas 2 stages	6000	1200	3600
	6500	1400	3800
	7000	1400	4000
3 etapas 3 stages	>7000	consult	consult





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