





MP|V



Installations

A functional and strong classic

Electric technology

With electric technology and a geared machine, the MP V has machine rooms to make easier the maintenance works.

The proven versatility and the easy maintenance turn it into a reliable, efficient and economical lift.

Versatility and reliability





PASSENGER LIFTS MP|V

FEATURES

TYPE:	Electric lift
LOAD:	320 Kg. to 3000 Kg.
CAPACITY:	4 to 40 persons
SPEED:	1 m/s and 1.6 m/s
SUSPENSION:	1:1 and 2:1
TRAVEL RANGE:	Up to 45 m.
STOPS:	16 stops
ENTRANCES:	Single entrance, double 180° entrance
SERIES:	"C" With a machine room

CAR

MODEL:	D100 with single beam photocell (Optional: curtain photocell) Jamb arrow direction. (Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2,100 mm. (Optional: other heights)

CAR DOORS

TYPE:	Automatic: 2 side-opening panels. VWF (Optional: other models)
FINISH:	Stainless steel (X02).
DIMENSIONS:	See table x 2000 mm (Optional: other heights)

LANDING DOORS

TYPE:	Automatic: 2 side-opening panels. (Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm (Optional: other heights)
FIRE CLASSIFICATION:	E120 (700-1000). PF30 (1300) (Optional: other classifications)

SHAFT

DIMENSIONS:	See table
PIT:	See table

CONTROL OPERATING PANEL

MODEL:	Full-height
FINISH:	Plastic coated steel (Optional: Stainless steel (X02))
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR INDICATOR:	Display made up of 2 digits with Leds of 7 segments (Optional: LCD display)
SAFETY:	Emergency light and telephone

FLOOR OPERATING PANEL

MODEL:	P001, door frames
FINISH:	Stainless steel plate (X02)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting)
ENGRAVING:	Black logo (done with laser)

CONTROLLER

TYPE:	Microbasic controller. Down collective or universal. (Optional: VS)
LOCATION:	In the machine room, located at the top.

ELECTRIC INSTALLATION

Pre-assembled with "Plug & Play" connectors.

MACHINE

Worm-ring reducer.
Rescue operation: manual, directly on the machine.

BUFFERS

Made from polyurethane with a metal pedestal included

COLD-DRAWN / MACHINED

Cold-Drawn / Machined
In accordance with ISO 7465
Suspended

FIXINGS

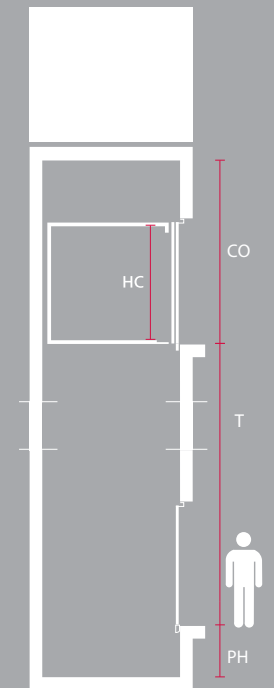
Fixing brackets and plugs for concrete enclosure.

POWER

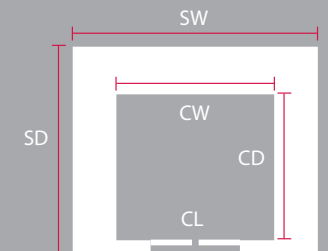
POWER SUPPLY VOLTAGE:	380 v three-phase
LIGHTING VOLTAGE:	220 v
FREQUENCY:	50 Hz (Optional: 60 Hz)

(*) NOTE: Specifications correspond to the basic rate model.

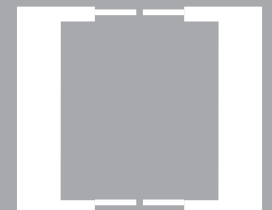
DIAGRAM



STANDARD ENTRANCE



DOUBLE 180° ENTRANCE





Geared



4 to 21 persons



320 to 1600 kg



With machine room

MP|V

	C SERIES												
	MP 410V	MP 610V	MP 616V	MP 810V	MP 816V	MP 1010V	MP 1016V	MP 1310V	MP 1316V	MP 1710V	MP 1716V	MP 2110V	MP 2116V
Capacity (persons)	4	6	6	8	8	10	10	13	13	17	17	21	21
Speed (m/s)	1	1	1.6	1	1.6	1	1.6	1	1.6	1	1	1	1.6
Starts per hour	120	120	120	120	120	180	180	180	180	180	180	180	180
Power (hp/kW)	5.5/4	7.5/5.5	12/8.9	9.5/7	16/11.9	12/8.9	19/14.1	16/11.9	25/18.6	18/13.4	20/14.9	21.8/16.2	27.2/20.2
Q capacity (kg)	320	450/480	450/480	630	630	750/800	750/800	1000	1000	1275	1275	1600	1600
CO clear opening (mm)	700	800	800	800	800	900	900	900	900	900	900	1300	1300
CW external car width (mm)	1000	1000	1000	1100	1100	1350	1350	1100	1100	1200	1200	1700	1700
CD external car depth (mm)	900	1200/1250	1200/1250	1400	1400	1400	1400	2100	2100	2300	2300	2000	2000
HC useful car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
SW shaft width (mm)	1400	1525	1525	1550	1550	1800	1800	1750	1750	1800	1800	2500	2500
SD shaft depth (mm)	1350	1700	1700	1850	1850	1850	1850	2350	2350	2600	2600	2300	2300
PH pit (mm)	1025	1025	1300	1025	1300	1025	1300	1025	1400	1025	1400	1400	1500
PH headroom (mm) (1)	3400	3400	3800	3400	3800	3400	3800	3400	3800	3400	3800	3400	3800
No. ropes and diameter (mm)	3x10	4x10	4x10	6x10	6x10	6x10	6x10	6x12	6x12	6x12	6x12	8x12	8x12
D.B.G. Distance between guide rails (mm)	1150	1150	1150	1250	1250	1500	1500	1250	1250	1350	1350	1900	1900
Max. distance between brackets (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Car guide rail (sections of 5 m)	T70-9	T70-9	T70-9	T90-16	T90-16	T90-16	T90-16	T90-16	T90-16	T125-16	T125-16	T125-16	T125-16
Counterweight guide rail (sections of 5 m)	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T65-8	T65-8	T65-8	T65-8
Suspension	1:1	1:1	1:1	1:1	1:1	1:1	1:1	01:01	01:01	01:01	01:01	2:01	2:01
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E04	E04	E05	E04	E05	E04	E05	E04	E05	E04	E05	E09	E09

(1) Minimum headroom in accordance with EN81-1 (without applying compensatory safety measures) is 3400 mm (s = 1.0 m/s and 3600 mm (s = 1.6 m/s)

(*) For a speed of 1.6 m/s and compliance with A3. Please consult feasibility.

KEY P No. passengers S Speed (m/s) SW Shaft width SD Shaft depth CW Car width CH Car height CD Car depth CO Clear overhead PH Pit CL Standard clear opening T Travel range







Geared



26 to 40 persons



2000 to 3000 kg



With machine room

MP|V

C SERIES

	MP 2610V	MP 2616V	MP 3310V	MP 3316V	MP 4010V	MP 4016V
Capacity (persons)	26	26	33	33	40	40
Speed (m/s)	1	1.6	1	1.6	1	1.6
Starts per hour						
Power (hp)	24.5	40.8	28	40.8	28.5	50.3
Nominal Intensity (A)	36	64	36	64	49	76
Q capacity (kg)	2000	2000	2500	2500	3000	3000
CO clear opening (mm)	C4H1400	C4H1400	C4H1400	C4H1400	C4H1400	C4H1400
CW car width (mm)	2000	2000	2000	2000	2100	2100
CD car depth (mm)	2100	2100	2500	2500	2700	2700
HC useful car height (mm)						
SW shaft width (mm)	2950	2950	2950	2950	3050	3050
SD shaft depth (mm)	2400	2400	2800	2800	3000	3000
CO clear opening (mm)	T2H1300	T2H1300	T2H1300	T2H1300	T2H1300	T2H1300
CW car width (mm)	1500	1500	1800	1800	1900	1900
CD car depth (mm)	2700	2700	2700	2700	3000	3000
HC useful car height (mm)						
SW shaft width (mm)	2450	2450	2750	2750	2850	2850
SD shaft depth (mm)	3000	3000	3000	3000	3300	3300
PH pit (mm)	1400	1500	1400	1500	1400	1500
OH overhead (mm)	3600	3700	3600	3700	3600	3700
No. ropes and diameter (mm)	8 x 10	8 x 10	6 x 12	6 x 12	8 x 12	8 x 12
D.B.G. Distance between guide rails (mm)						
Distance between brackets (mm)	3000	3000	3000	3000	2500	2500
Car guide rail (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16
Counterweight guide rail (sections of 5 m)	65/54/8	65/54/8	70/65/9	70/65/9	70/65/9	70/65/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E-09	E-09	E-09	E-09	E-09	E-09

For double 180° entrance SD + 75mm
Shaft depths with 30mm door overhang

KEY P No. passengers S Speed (m/s) SW Shaft width SD Shaft depth CW Car width CH Car height CD Car depth CO Clear overhead PH Pit CL Standard clear opening T Travel range

