

NIPPON MINI MACHINE ROOM PASSENGER LIFT



Design Overview

- Mini Machine Room (MMR) Design
- Size of Machine Room = Size of Shaft
- 1:1 Roping
- 450kg~1150kg
- Max. 16 stops or <64m,
- Up to 2m/sec

Design Features

- Permanent Magnet Geared (PMG) Traction Machine
- Variable Voltage Variable Frequency (VVVF) Inverter Controlled
- Elevator Door Operated by Permanent Magnet (PM) Motor
- Light-Emitting Diode (LED) Cabin Lighting
- Power Regeneration Capable

NIPPON PM Series Mini Machine Roomless Passenger Lift																					
Driven by Permanent Magnet Motor Geared Traction Machine (1:1 Roping)																					
Model	Load (kg)	Max. Travel (m)	Horizontal Dimension (mm)							Vertical Dimension (mm)											
			Car Width	Car Depth	Door Type	Door Width	Shaft Width	Shaft Depth	Through Opening	Car Internal Height	Car Door Height	0.5m/s		1m/s		1.5m/s		1.75m/s		2m/s	
			CW	CD	DT	DW	SW	SD	SD	CH	DH	OH	PD	OH	PD	OH	PD	OH	PD	OH	PD
PM-06PW	410	<50	1300	850	2CO	800	1750	1450	1400	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-08PW	550	<50	1400	1050	2CO	800	1850	1650	1600	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-10PW	685	<80	1400	1250	2CO	800	1850	1850	1800	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-10PD			1100	1600	2CO	800	1950	2050	2150												
PM-11PW	750	<80	1400	1350	2CO	800	1850	1950	1900	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-11PD			1100	1700	2CO	800	1950	2150	2250												
PM-13PW	890	<80	1600	1350	2CO	900	2100	1950	1900	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-13PD			1200	1800	2CO	900	2100	2250	2350												
PM-15PW	1025	<80	1600	1550	2CO	900	2100	2150	2100	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-15PD			1200	2100	2CO	900	2100	2550	2650												
PM-17PW	1160	<80	1800	1500	2CO	1000	2400	2200	2050	2200	2100	4600	1550	4600	1550	4800	1850	4800	1850		
PM-17PD			1300	2100	2CO	1000	2400	2550	2650												