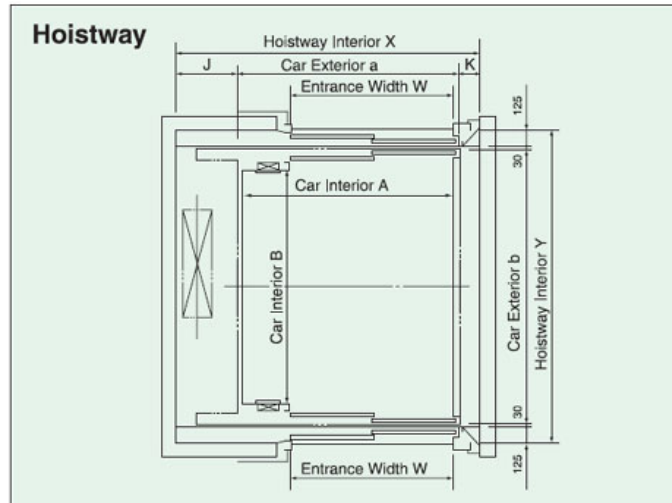


**Dimensions of Hoistway, Machine Room and Reaction Loading for Freight Elevator (Front & Rear Opening - Through Type)  
Based on Singapore (CP2) & Malaysia Regulations**

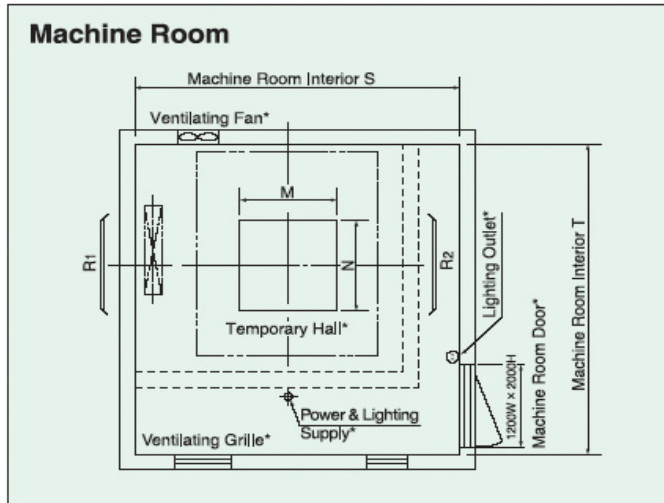
**Front and Rear Opening Type**

**Hoistway Plan**

**Two-panel Horizontal Sliding Door (600kg ~ 2,000kg)**

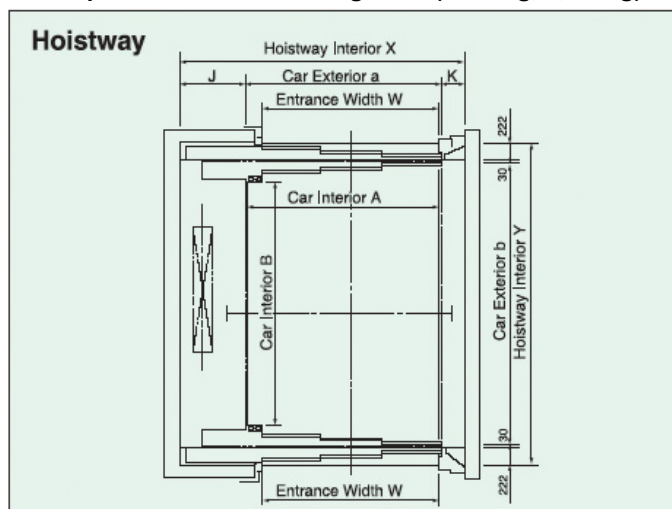


**Machine Room Plan**

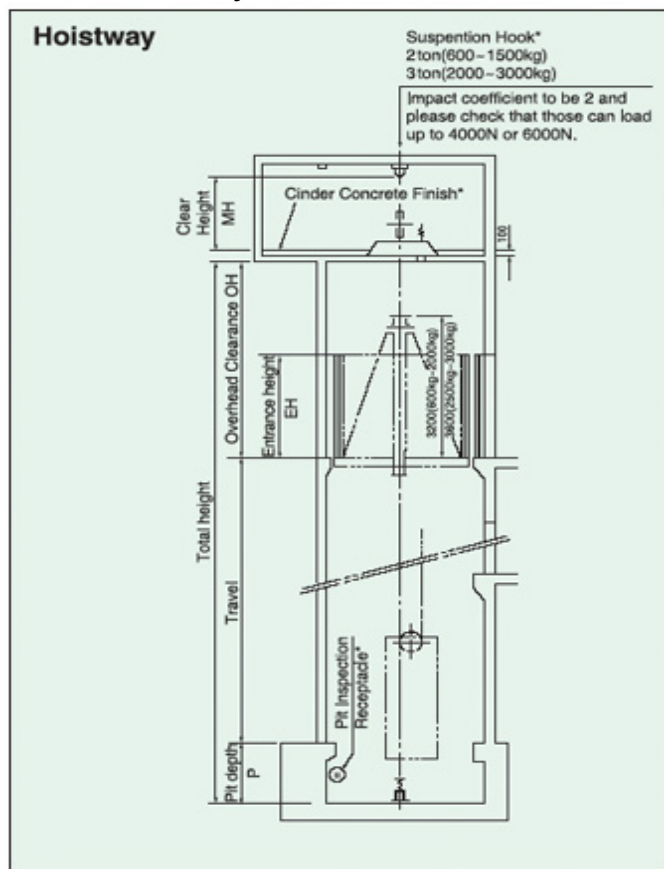


**Hoistway Plan**

**Three-panel Horizontal Sliding Door (2,500kg, 3,000kg)**

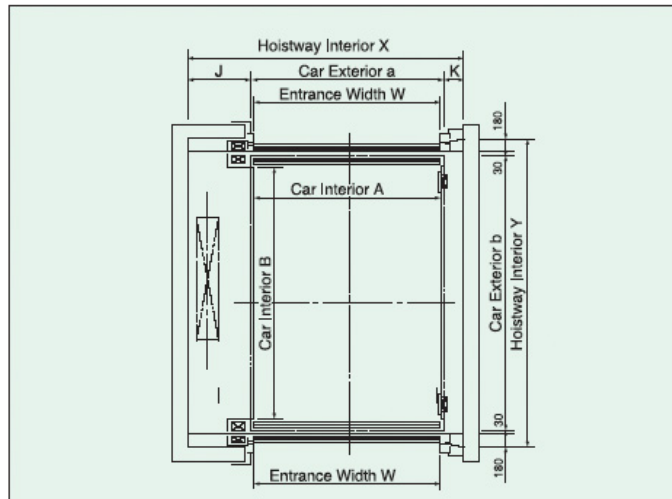


**Section of Hoistway**



**Hoistway Plan**

**Two-panel Vertical Sliding Door (2,500kg, 3,000kg)**



Load (kg)	K (mm)	J (mm)	M x N (mm)
750	200	600	1500 x 1500
1000		650	
1500			
2000	230	770	
2500	300	850	

**Dimensions of Hoistway, Machine Room and Reaction Loading for Freight Elevator (Front & Rear Opening - Through Type)  
Based on Singapore (CP2) and Malaysia Regulations with Fire Rated Door**

No.	Load (kg)	Speed (m/min)	Model	Door OP		Car inside A x B (mm)	Hoistway X x Y (mm)	Machine room S x T (mm)	Overhead (OH)	Pit depth (P)	Machine room reaction load		Motor capacity (kW)
				Width (mm)	Height (mm)						R1 (kg / EL)	R2 (kg / EL)	
1	750	30	F-750-2S30	1100	2100	1300 x 2300	2200 x 3000	2600 x 3450	4600	1350	5800	3700	5.5
2		45	F-750-2S45										
3		60	F-750-2S60										
4	1000	30	F-1000-2S30	1400	2100	1700 x 2300	2600 x 3000	3150 x 3450	4600	1350	8200	4600	5.5
5		45	F-1000-2S45										
6		60	F-1000-2S60										
7	1500	30	F-1500-2S30	1700	2100	2200 x 2400	3150 x 3100	3600 x 3550	4600	1350	11000	6000	7.5
8		45	F-1500-2S45										
9		60	F-1500-2S60										
10	2000	30	F-2000-2S30	1700	2100	2200 x 2800	3150 x 3500	3600 x 3750	4600	1350	12700	7100	11
11		45	F-2000-2S45										
12		60	F-2000-2S60										
13	2500	30	F-2500-3S30	2300	2500	2500 x 3000	3600 x 3970	3600 x 3970	5000	1350	17600	9600	11
14		45	F-2500-3S45										
15	3000	30	F-3000-3S30	2300	2500	2500 x 3400	3750 x 4370	4100 x 4370	5000	1350	19600	10900	13
16		45	F-3000-3S45										
17	2500	30	F-2500-2U30	2500	2500	2500 x 3000	3600 x 3700	4000 x 3900	5000	1350	17600	9600	11
18		45	F-2500-2U45										
19	3000	30	F-3000-2U30	2500	2500	2500 x 3400	3750 x 4100	4100 x 4300	5000	1350	19600	10900	13
20		45	F-3000-2U45										