

**Electrical Data for Incoming 3-Phase Main Supply of 400V~440V for Freight Elevator  
Required Capacity of Circuit Breaker, Transformer and Starting Power at Building Side**

No.	Load (kg)	Speed (m/min)	Electrical Data			
			Motor capacity (kW)	Circuit breaker capacity per unit (A)	Transformer capacity (KVA)	Calorific value for 1 lift (kcal/ hr)
1	750	30	5.5	20	4	550
2		45	5.5	20	5	900
3		60	7.5	30	6	1150
4	1000	30	5.5	20	5	750
5		45	7.5	30	7	1150
6		60	9.5	50	7	1500
7	1500	30	7.5	30	8	1150
8		45	8	50	9	1700
9		60	11	50	11	2250
10	2000	30	11	50	9	1500
11		45	15	50	11	2250
12		60	15	50	12	2700
13	2500	30	11	50	10	1700
14		45	18	50	14	2500
16	3000	30	13	50	11	2000
17		45	18	50	14	3000
19	2500	30	11	50	10	1700
20		45	18	50	14	2500
22	3000	30	13	50	11	2000
23		45	18	50	14	3000

Note : 1. Power supply: It should be noted that insufficient circuit breaker capacity and transformer capacity may adversely affect elevator control and/ or cause trouble with electrical equipment installed in the building. The criterion for power plant selection is that the supply voltage of the elevator receiving panel is a minimum of 80% of the rated voltage, even under worst possible conditions assuming commercial supply voltage fluctuations of +/-10% (the maximum under-voltage for the elevator is -10% of the rated voltage).