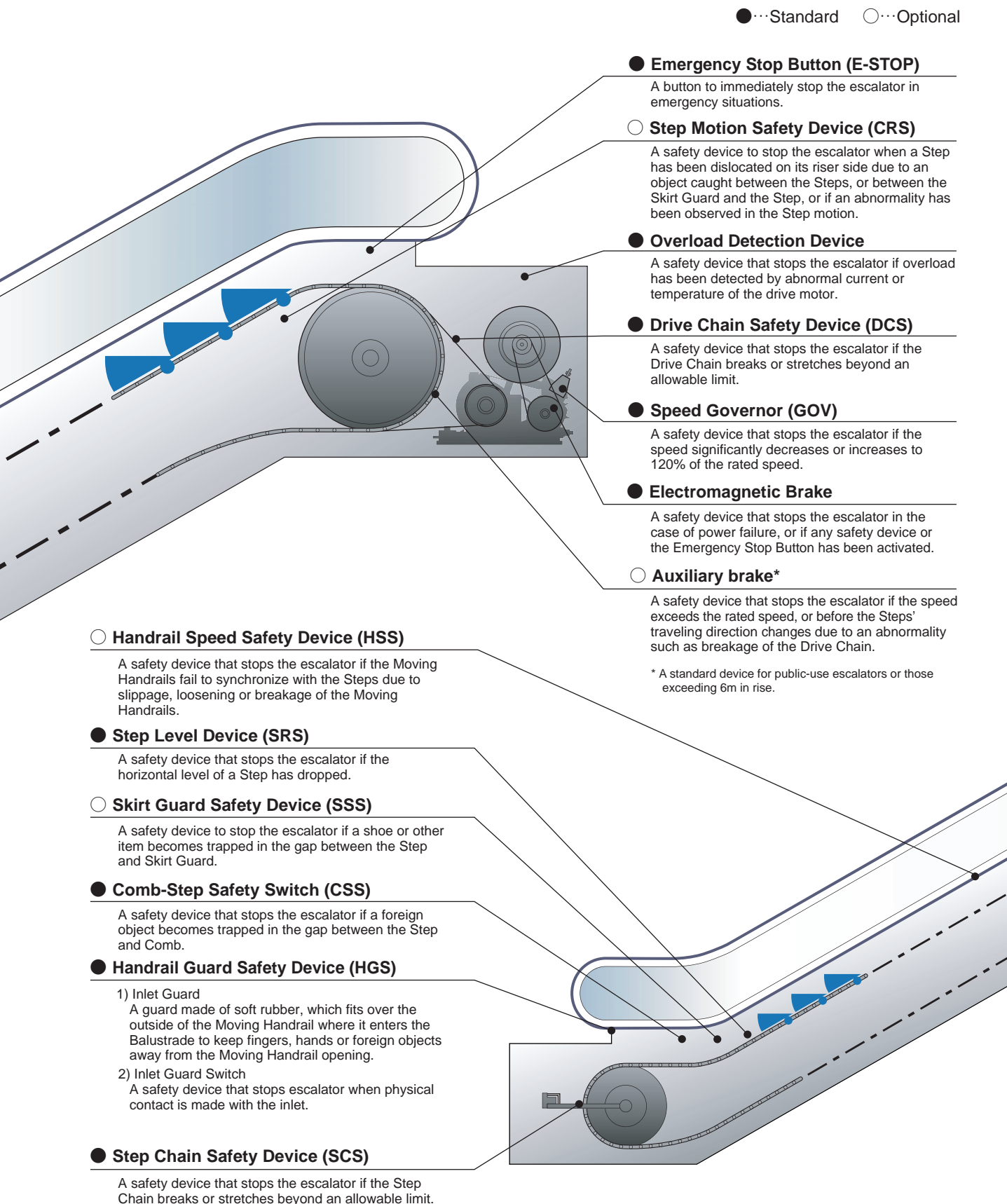


●...Standard ○...Optional N/A...Not applicable



Division	Specification		YS	ZL*1	ZP	
Control system	AC1		●			
	Inverter (VVVF)		○	●*2		
	Automatic Operation with Posts (Stationary in stand-by, AC1)		○			
	Automatic Operation with Posts (Slow operation in stand-by, Inverter)		○			
Safety features	Post-Free Automatic Operation (Slow operation in stand-by, Inverter)		○			
	Stop-Buzzer Key Switch		●			
	Anti-Slip Floor Plate		●			
	Step with Anti-Slip Grooves		●			
	Demarcation Line		●			
	Stepped Demarcation Line		●			
	Step Demarcation Lighting		○			
	Comb Light		○			
	Three Horizontal Steps		○/●*3			
	Warning System on Moving Handrail Inlet (Inlet Sensor)		○*4			
	Warning System on Outer Deck (Outer Deck Sensor)		○*4	N/A		
	Directional Indicator on Handrail Inlet Cap (Handrail Inlet Cap LED Indicator)		○*4 *5			
Finish and decorative components	Directional Indicator at Comb level (Comb-Side LED Indicator)		○*4 *6			
	Balustrade	Transparent tempered glass panel	●		N/A	
	See page 12 for sections.	Under-Handrail Lighting		N/A	●	N/A
		Stainless steel hairline panel		N/A	●	
	Skirt Guard	Fluoropolymer Coating		●		
		Skirt Guard Lighting		○*1	N/A	○*1
	Deck Board	Stainless steel hairline		●		
		Step	Aluminum alloy Step Tread	●		
	Floor Plate	Aluminum alloy Cleat Riser		●		
		Yellow Demarcation Line		●		
		Decorative Panel (Embossed stainless steel)		●		
		Floor Numbers		○		
Comb			●			
Moving Handrail	Extension of Floor Plate		○			
	Connection of adjacent Floor Plates		○			
Handrail Inlet Cap	Rubber See page 5 for colors.		●			
	Resin		●			
Others	MelEye		○			
	Automatic oiler		○			

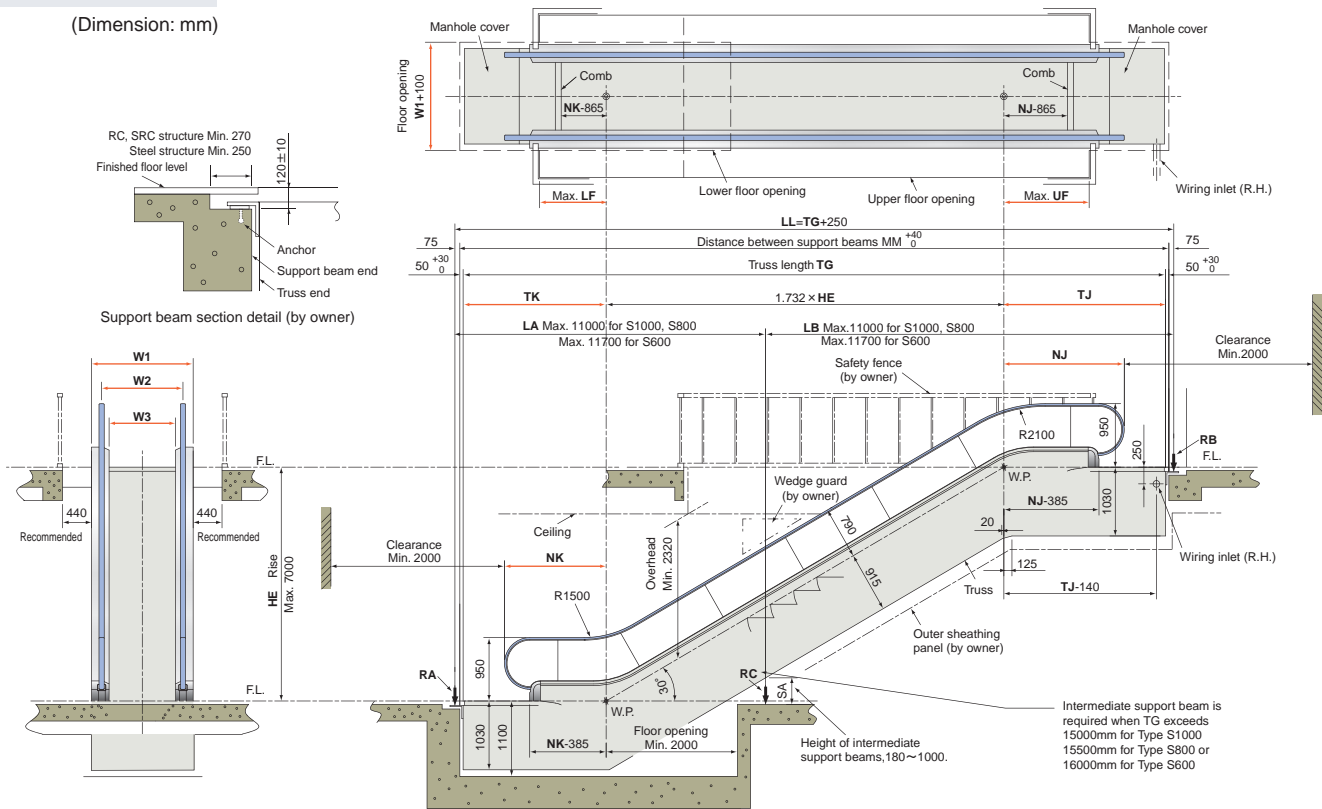
\*1: Not applicable to semi-outdoor and outdoor use.  
 \*2: Please contact your local Mitsubishi Electric sales agent for VVVF control.  
 \*3: A standard feature for rises exceeding 6000mm or rated speeds exceeding 0.5m/sec.  
 \*4: Not applicable to outdoor use.  
 \*5: Installed only on the right-side Handrail Inlet Cap (when viewed from the boarding and landing areas). Combination with a Comb-Side LED Indicator is not applicable.  
 \*6: Combination with a Comb Light is not applicable.



Escalators in the graphics are based on the Japan Code, with optional Fluoropolymer Coating on Skirt Guard.

## EN 30°

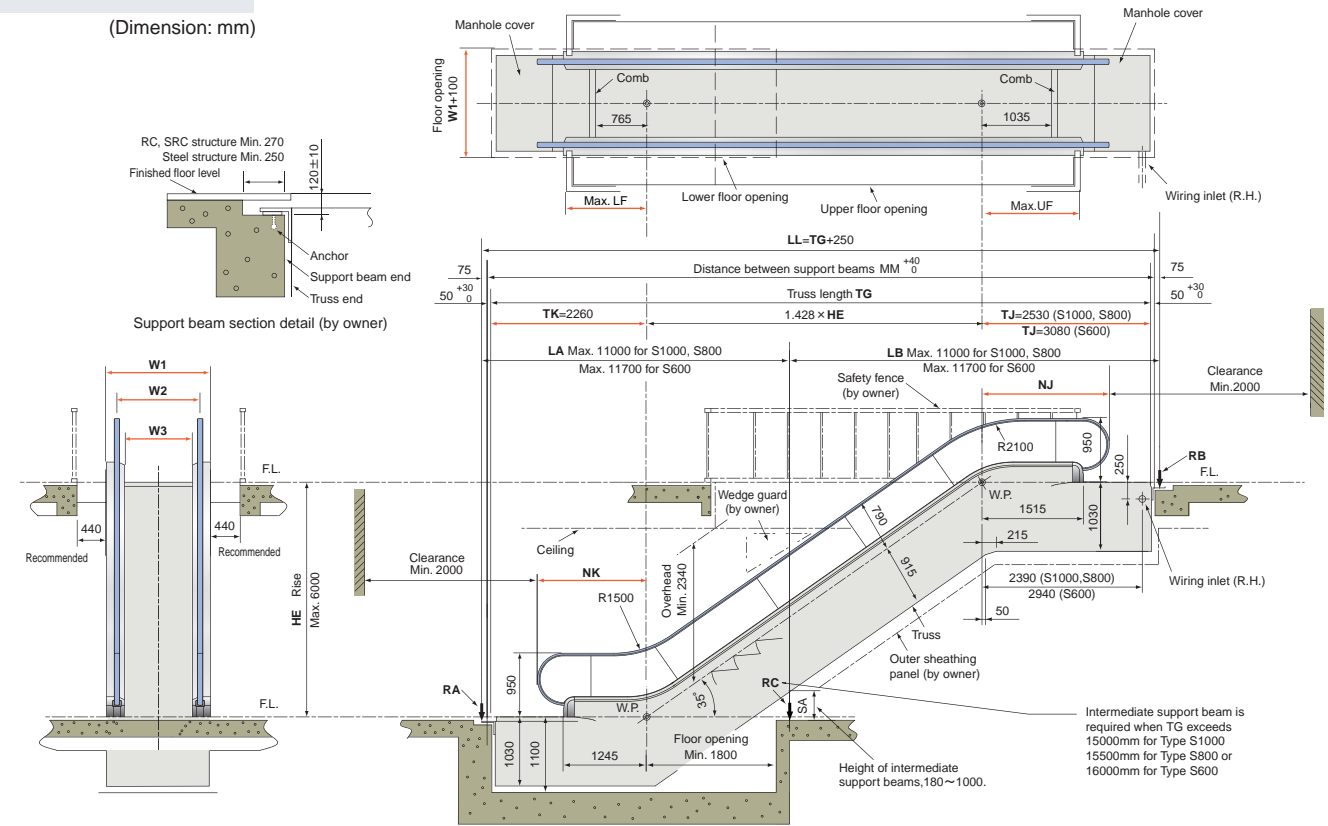
(Dimension: mm)



For VVVF control, TJ may increase from that shown. Please contact your local Mitsubishi Electric sales agent for details.

## EN 35°

(Dimension: mm)



For VVVF control, TJ may increase from that shown. Please contact your local Mitsubishi Electric sales agent for details.

### Standard dimensions

Type	S600	S800	S1000
W1 (Escalator Width)	1150	1350	1550
W2 (Between Moving Handrails)	840	1040	1240
W3 (Between Skirt Panels)	610	810	1010

Horizontal Steps	LF	UF	NK	NJ
2 Steps	850	1100	1550	1835
3 Steps	1440	1725	1975	2260

### Reaction force on beam (N)

Type	Without intermediate support beam				With intermediate support beam			
	RA	RB	RC	LL	LA	LB	LL	LB
RA	$\alpha \cdot LL + 4220 \cdot (LL - TK + X1) + 12000 \cdot (TJ - X2)$			LL	$\alpha \cdot LA + 4220 \cdot (TK - X1)$			LA
RB		$\alpha \cdot LL + 4220 \cdot (TK - X1) + 12000 \cdot (LL - TJ + X2)$		LL		$\alpha \cdot LB + 12000 \cdot (TJ - X2)$		LB
RC					$\alpha \cdot LL + 4220 \cdot (TK - X1)$	$12000 \cdot (TJ - X2)$		LA LB

### Standard dimensions

Type	S600	S800	S1000
W1 (Escalator Width)	1150	1350	1550
W2 (Between Moving Handrails)	840	1040	1240
W3 (Between Skirt Panels)	610	810	1010

Horizontal Steps	LF	UF	NK	NJ
2 Steps	1095	1365	1630	1900

### Reaction force on beam (N)

Type	Without intermediate support beam				With intermediate support beam			
	RA	RB	RC	LL	LA	LB	LL	LB
RA	$\alpha \cdot LL + 4220 \cdot (LL - TK + 1111) + 12000 \cdot (TJ - 1370)$			LL	$\alpha \cdot LA + 4220 \cdot (TK - 1111)$			LA
RB		$\alpha \cdot LL + 4220 \cdot (TK - 1111) + 12000 \cdot (LL - TJ + 1370)$		LL		$\alpha \cdot LB + 12000 \cdot (TJ - 1370)$		LB
RC					$\alpha \cdot LL + 4220 \cdot (TK - 1111)$	$12000 \cdot (TJ - 1370)$		LA LB

### Reaction force factors

Type	TG	$\alpha$ (N/mm)	
		Indoor	Outdoor
S1000	TG ≤ 13500	5.25	5.25
	13500 < TG ≤ 15000	5.32	
	15000 < TG	5.25	
S800	TG ≤ 13850	4.56	—
	13850 < TG ≤ 15500	4.62	
	15500 < TG	4.56	
S600	TG ≤ 14200	3.87	3.87
	14200 < TG ≤ 16000	3.93	
	16000 < TG	3.87	

2 Steps

Type	TJ	TK	X1	X2
S1000	HE ≤ 6000			
S800	2465	2180	1031	1305
S600	3015			

3 Steps

Type	TJ	TK	X1	X2
S1000	HE ≤ 6000			
S800	2890	3440	2605	1456
S600	3440			

### Reaction force factors

Type	TG	$\alpha$ (N/mm)	
		Indoor	Outdoor
S1000	TG ≤ 13500	5.25	5.25
	13500 < TG ≤ 15000	5.32	
	15000 < TG	5.25	
S800	TG ≤ 13600	4.56	—
	13600 < TG ≤ 15250	4.62	
	15250 < TG	4.56	
S600	TG ≤ 14200	3.87	3.87
	14200 < TG ≤ 16000	3.93	
	16000 < TG	3.87	