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Specifications subject to change without notice
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Lead the Future with Intelligent Features

- Intelligent safety features: Monitor the conditions of passengers and the escalator which may pose possible hazards when an escalator is running, in a dynamic, real-time and active manner.
- Detect changes in the ambient volume, temperature, light level, and rainfall (outdoor) in real time to realize dynamic and intelligent control of escalators.
- Utilize real-time intelligent monitoring to improve the efficiency and pertinence of operations management and maintenance of escalators.

Safe and Reliable

- √ Over 20 standard safety features to fully ensure passenger safety.
- √ Proprietary anti-jump design of leaving steps and new step band double-guide to enable escalators to run more steadily and reliablys.
- √ Standard user-friendly interface in Chinese and English and one-to-one detection of safety devices to improve the efficiency of escalator maintenance.

A Wide Range of Optional Features

- √ Greater rise and rich decoration options to perfect respond to high-end business scenarios.
- √ A wider range of speed, horizontal steps, balustrade height and radius of curvature of curved guide rails to select from to offer greater security.
- √ More types of inclinations to select from to meet different layout requirements.

Comfortable and Energy-saving

- √ LED lighting to save energy.
- √ Intelligent passenger sensors to prevent false startup caused by passing-by passengers and thus save energy.
- √ Optional bypass variable frequency and light-load energy-saving feature and phase-locking switch technology to enable escalators to run in a more energy-saving manner and provide a more comfortable ride experience.



Product Advantages

Lead the Future with Intelligent Features	P.3
Safe and Reliable	P.5
A Wide Range of Optional Features ·····	P.7
Comfortable and energy-Saving	P.8

Design	
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Civil Work Drawing	P.2.
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Intelligent Product

O Intelligent Escalator Terminal

- Identification and warnings of risky passenger behaviors (passengers ride with a pram):

 Detect whether a passenger rides the escalator with a pram through the intelligent terminal at the landing areas of the escalator, and then give an acousto-optic alarm signal.
- Identification and warning of risky passenger behaviors (children play at the entrance):
 Detect whether there are children playing at the landing areas of the escalator and give an acousto-optic alarm signal.
- Intelligent lubrication:

 Automatically adjust the oiling strategy according to the rainfall level where an outdoor escalator is installed.
- Intelligent lighting control:
 Automatically control the lighting according to the ambient illuminance and the operation state of the escalator.

O Intelligent handrail sterilization (UV light

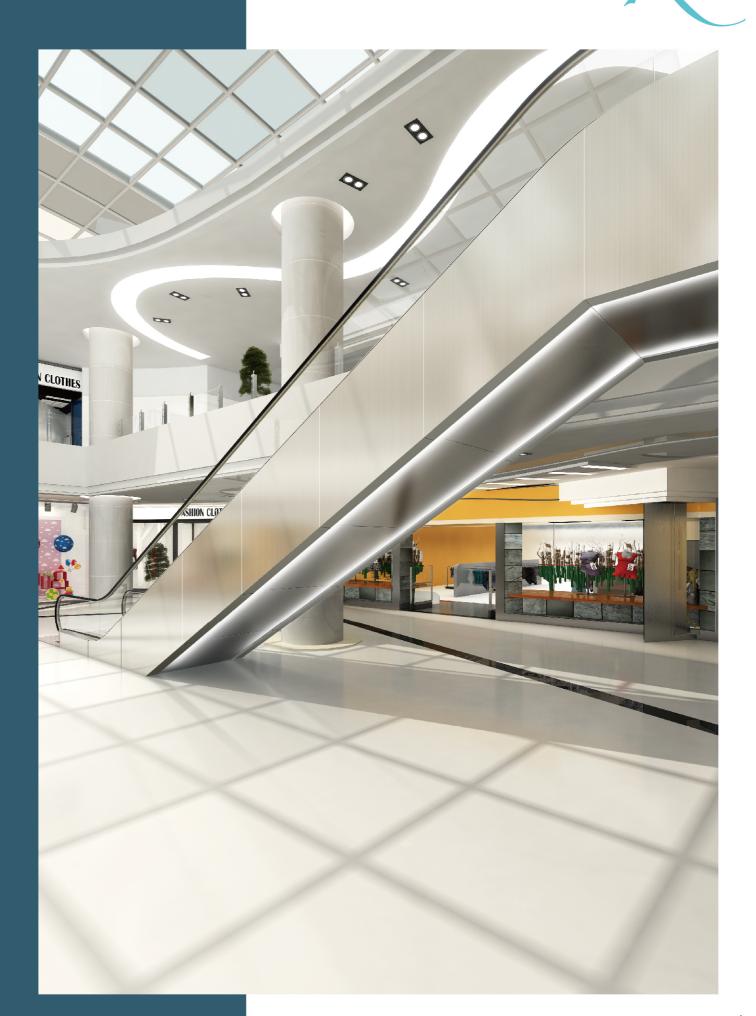
Automatically sterilize the handrails by way of UV light based on the actual operation state of the escalator.

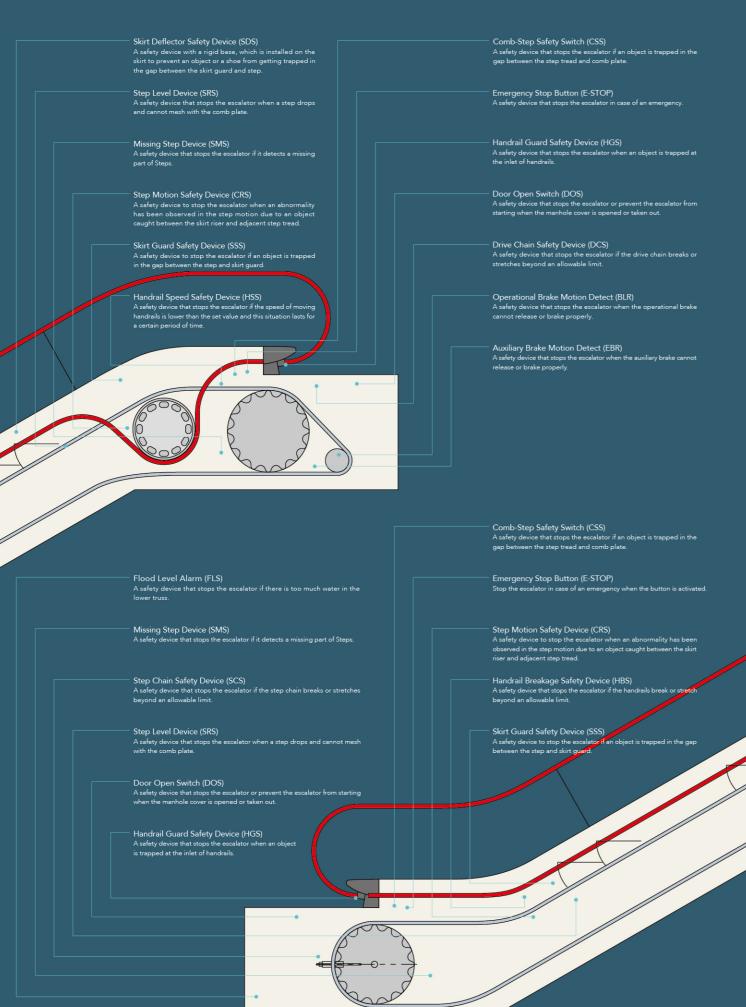
Kill 99.99% of Staphylococcus Aureus and E. coli.

O Intelligent lighting

Automatically select different heating strategies according to the ambient temperature and the operation state of the escalator.

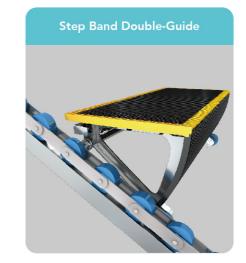
Product Dimension	Function	Configuration
	Identification and warning of risky passenger behaviors (passengers ride with a pram)	
	Identification and warning of risky passenger behaviors (children play at the landing areas)	
	Intelligent attentive announcer	Optional package for intelligent terminal
	Intelligent lighting control	
	Intelligent lubrication	
	Intelligent heating (if heaters are available)	Standard
Intelligent Product	Intelligent handrail sterilization (UV light)	Optional
	Phase-locking switch of bypass inverter (VVVF escalators only)	Standard
	Light-load energy saving (WWF escalators only)	Standard
	Passenger passing-by false-start prevention	Optional
	Control Panel LCD Operating Panel (CN/EN)	Standard
	Multi-Functional Operating Panel (CN/EN)	Optional
	One-on-one Fault Detect (Safety Device)	Standard





Quiet Turning and Meshing

The drive chain wheel is directly meshed with the step roller made of high polymer wearable resin, which avoids rigid shock between metal of the chain wheel and the step shaft.



The entire travel of the leaving side of the step band adopts a double-guide structure, which makes the steps



Mitsubishi's proprietary step band guide rail structure which realizes anti-jumping of the leaving steps and thus provides better safety and reliability.

One-on-one Fault Detect



Each safety device is one-to-one with fault codes, which speeds up troubleshooting and improves the efficiency of



In the control panel, there is an LCD operating panel in Chinese and English, which is used to set parameters and check the escalator state, thus facilitating maintenance



at the landing areas of the escalator, which is used to set ment efficiency.



Continues Mitsubishi's hidden handrail inlet design, which greatly reduces the risk of objects getting trapped; a long and soft inlet guard is installed to provide multiple

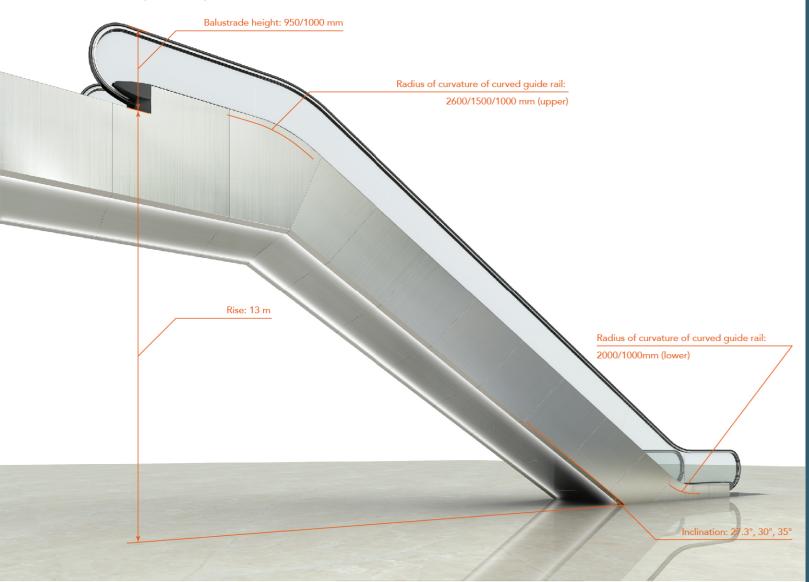


A safety device which prevents passengers stand too close to the edge of a step and prevent their feet from getting trapped in the gap between the skirt guard and step.



In case of an emergency, persons nearby or passengers can press the emergency stop button to stop the escalator manually.

- Balustrade height: 950/1000 mm
- Radius of curvature of curved guide rail: 2600/1500/1000 mm (upper); 2000/1000 mm (lower)
- Inclination: 27.3°, 30°, 35°
- Rise: 13 m
- Horizontal steps: 2/3/4 steps









Bypass Inverter and Light-load Energy-saving Technology

At rated speed, automatically switch off the inverter and switch over to the working frequency grid to greatly extend the service life of the inverter. If the inverter has an unrecoverable fault, manually switch it to standby mode. If there is no passenger, automatically switch it to low speed or stop and standby mode; if under full load, feed back the regenerated energy to the grid to save energy.

Phase-locking Switch Technology

Mitsubishi's proprietary inverter is featured by modular design and small size; with sophisticated "active phase synchronization and phase-locking switch technology", it realizes smooth switch from variable frequency to working frequency and provides a more comfortable ride experience.



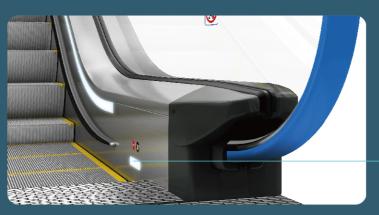
Intelligent Attentive Announcer

The voice announcer adaptive to ambient volume: In a noisy environment the volume of announcer increases and in a quiet environment the volume of announcer decreases, which ensures the overall comfort of the environment and passengers.



Intelligent Passenger Sensor

Intelligent sensors with innovative Time of Light technology can get an accurate picture of passenger's walking path by detecting the profile of the object to be detected, and effectively identify passengers who pass by and will not ride the escalator and those who will ride the escalators.

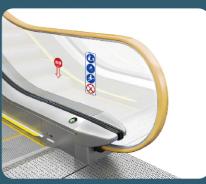


LED Lighting System

LED lighting improves the environmental quality and saves energy.



Balustrade KS-SB-II / KS-SBF-II



Part Description

Fully transparent rectangular glass interior panel

Beige PU (NT-Belge) (other specifications are available)

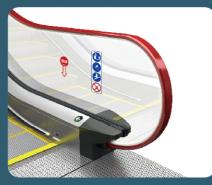
Inner Deck and Outer Deck

ZHE-02A silver gray aluminum alloy

Hairline-finish SUS (other specifications are available)

ZCY-F02P SUS floor plate with anti-slip grooves

Balustrade KS-LB-II / KS-LBF-II



Part Description

Interior Panel

Fully transparent rectangular glass interior panel

Aluminum alloy step with yellow resin strips at three sides (other specifications are available); silver gray coating

Handrail

Red PU (NT-Red) (other specifications are available)

Inner Deck and Outer Deck

Handrail Inlet

(other specifications are available)

Operation Indicator

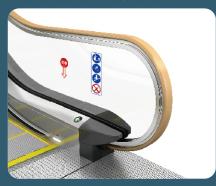
Skirt

Handrail Lighting Milky white LED lighting (other colors are available)





Balustrade KS-B-II / KS-BF-II



Part Description

Fully transparent rectangular glass interior panel

Beige PU (NT-Belge) (other specifications are available)

Inner Deck and Outer Deck

Handrail Inlet

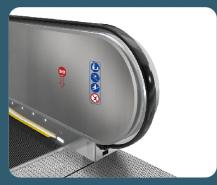
ZHE-02A black gray aluminum alloy

Operation Indicator

Hairline-finish SUS (other specifications are available)

ZCY-F02P SUS floor plate with anti-slip grooves (black coating inside)

Balustrade KP-B-II / KP-BF-II



Part Description

Interior Panel

Handrail

Black PU (NT-Black) (other specifications are available)

Main Deck Hairline-finish SUS

Operation Indicator

At the newel balustrade

Skirt

Floor Plate

ZCY-F02P SUS floor plate with anti-slip grooves (black coating inside) (other specifications are available)





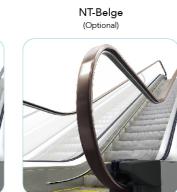


(Optional)









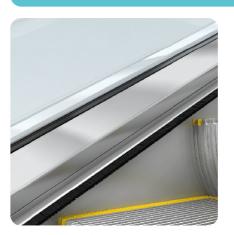


NT-Gray (Optional)

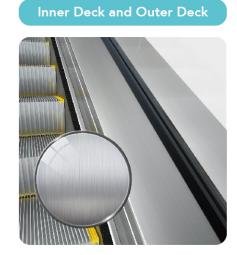
NT-Charcoal (Optional)

NT-Brown (Optional)

NT-Green (Optional)





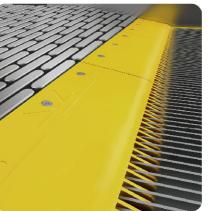


Hairline-finish SUS

Fluoridized SUS (black)

Hairline-finish SUS

Comb





Yellow resin

Silver aluminum alloy



All aluminum alloy step No yellow resin strips Black gray coating



All aluminum alloy step No yellow resin strips Silver gray coating



Yellow resin strips at three sides Black gray coating



Yellow resin strips at three sides Silver gray coating



SUS step(only for indoor use) Yellow resin strip sat three sides Black coating

Floor Plate



ZCY-F21P Aluminum alloy floor plate with anti-slip grooves



Aluminum alloy floor plate with anti-slip grooves Dark coating inside



Aluminum alloy floor plate with anti-slip grooves Dark coating inside



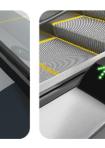
Aluminum alloy floor plate with anti-slip grooves Dark coating inside

* Specifications relate to the delivery time of product, please contact SMEC for confirmation.

Operation Indicator



ZIN-03



ZIN-02

(inverter is of standard specifications in stop and standby mode, but optional for other modes)



operation indicator Only for KP-B-II or KP-BF-II

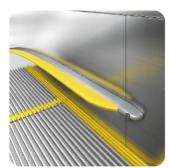


operation indicator Applicable when intelligent terminals are available

Skirt Deflector Safety Device

ZIN-01

Only for indoor use



Silver base with yellow cleat



Black base with yellow cleat (with black fluoridized stainless steel skirting plate)

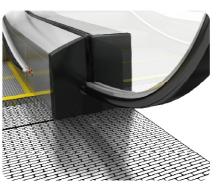


Silver base with black brush



Black base with black brush (with black fluoridized stainless steel skirting plate)

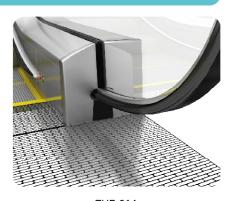
Handrail Inlet



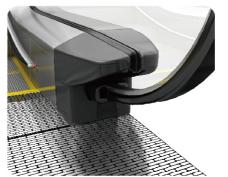
ZHE-01 Black gray resin square Applicable to KS-SB-II/KS-SBF-II for indoor use



ZHE-01A Black gray aluminum alloy square Applicable to KS-SB-II/KS-SBF-II



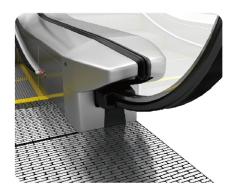
ZHE-01A Silver gray aluminum alloy square Applicable to KS-SB-II/KS-SBF-II



ZHE-02 Black gray resin streamlined Applicable to KS-SB-II/KS-SBF-II/KS-B-II/KS-BF-II/KS-LB-II/KS-LBF-II



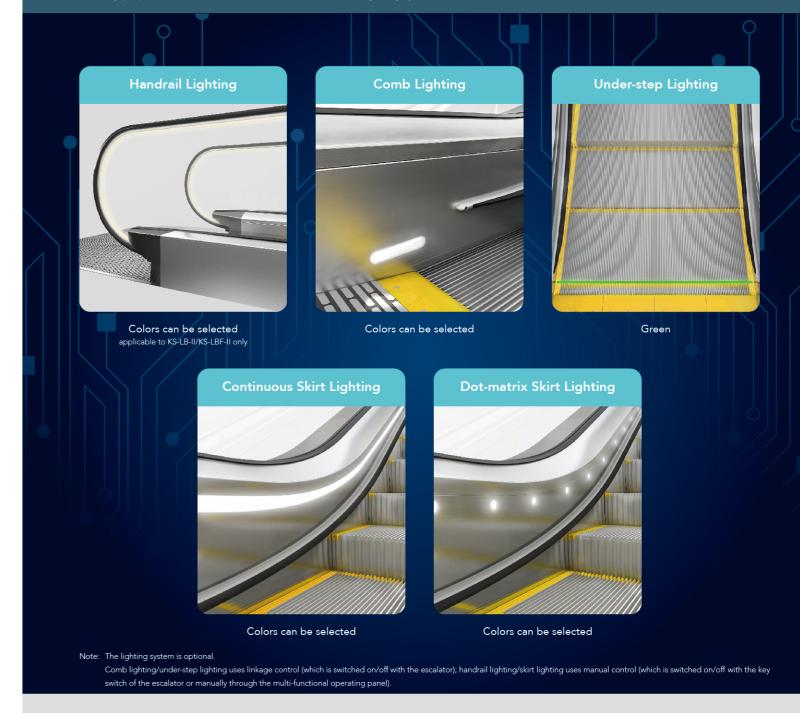
ZHE-02A Black gray aluminum alloy streamlined Applicable to KS-SB-II/KS-SBF-II/KS-B-II/KS-BF-II/KS-LB-II/KS-LBF-II



ZHE-02A Silver gray aluminum alloy streamlined Applicable to KS-SB-II/KS-BF-II/KS-BF-II/KS-BF-II/KS-LBF-II Please contact SMEC for confirmation

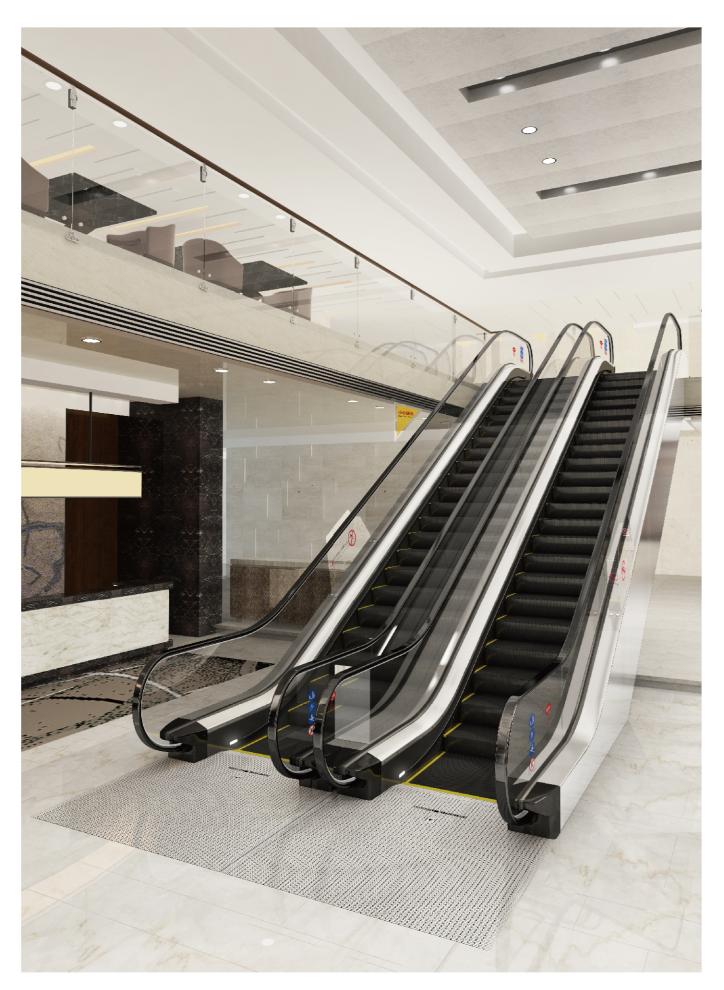


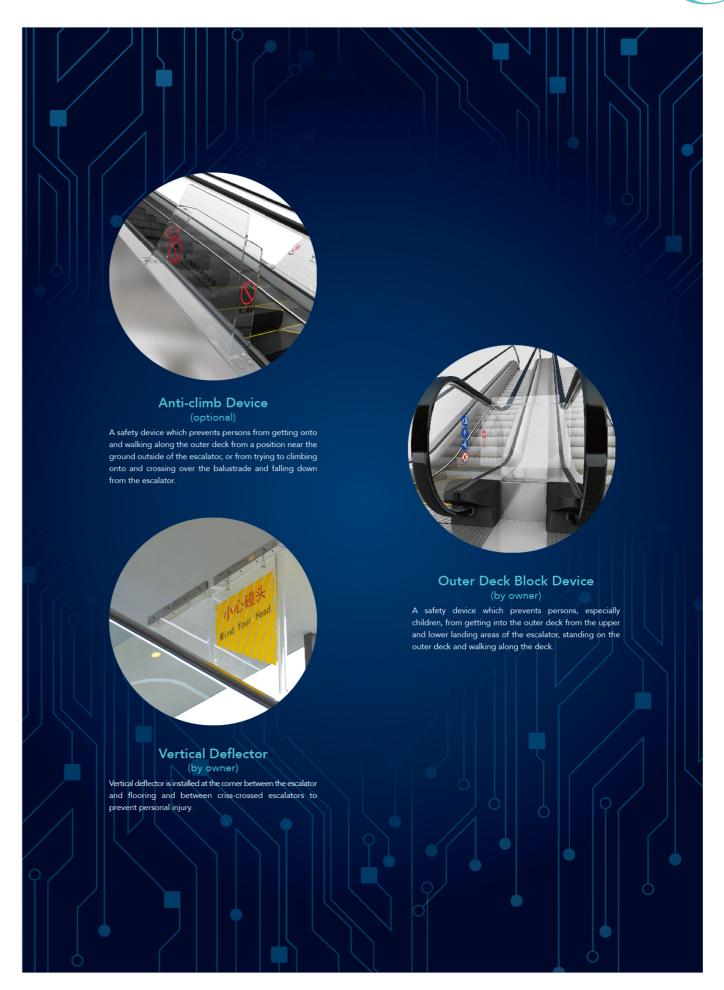
Smart K-II escalators use all LED lighting system, including handrail lighting, skirt lighting, comb lighting, and under-step lighting, to fully improve the environmental quality, save energy and ensure safety and reliability. Except that under-step lighting only uses green for warning purposes, various colors are available for other lighting systems.











• Standard : O : Optional : — : N/A

			i: O: Optioi	
Function	Description	Code	Non-variable frequency	Variable frequency
■ Control and Safety Features				
Phase Reversal and Open Phase Protection	Switch off the main circuit and control circuit to stop the escalator if phase reversal or open phase is detected in the input power supply.	3E	•	•
Anti-Reversal Protection	Switch off the power supply to the drive machine and brakes in case of accidental reversal.	ARP	•	•
Auxiliary Brake	An auxiliary brake stops the escalator before the speed exceeds 1.4 times of the rated speed, or if the traveling direction changes.	AUX-BK *1*2	•	•
Operational Brake Motion Detect	Stop the escalator when the operational brake cannot release or brake properly.	BLR	•	•
Operational Brake	The operational brake works to stop the escalator and keeps it at a standstill.	BRK	•	•
Step Motion Safety Device	Stop the escalator when an abnormality has been observed in the step motion due to an object caught between the skirt riser and adjacent step tread.	CRS	0	0
Comb-Step Safety Device	Stop the escalator if an object is trapped in the gap between the step tread and comb plate.	CSS	•	•
Contactor Motion Detect	Stop the escalator when an abnormality has been observed in the contactor motion.	CTD	•	•
Drive Chain Safety Device	Stop the escalator if the drive chain breaks or stretches beyond an allowable limit.	DCS	•	•
Door Open Switch	Stop the escalator or prevent the escalator from starting when the manhole cover is opened or taken out.	DOS	•	•
Emergency Stop Button	Stop the escalator in case of an emergency when the button is activated.	E-STOP	•	•
Auxiliary Brake Motion Detect	Stop the escalator when the auxiliary brake cannot release or brake properly.	EBR *3	•	•
Electrical Safety Circuit Protection	Stop the escalator once the electrical safety devices in series work.	ESC	•	•
Braking Distance Monitoring	Prevent the escalator from restarting when the braking distance is more than 1.2 times of the maximum value.	ESD	•	•
Handrail Static Electricity Remover	Prevent handrails from generating static electricity.	HER	•	•
Overspeed Protection (1.2x)	Stop the escalator before the travel speed exceeds 1.2 times of the rated speed.	HGD1	•	•
Overspeed Protection (1.4x)	Stop the escalator before the travel speed exceeds 1.4 times of the rated speed.	HGD2 *3	•	•
Handrail Guard Safety Device	Stop the escalator when an object is trapped at the inlet of handrails.	HGS	•	•
Handrail Speed Safety Device	Stop the escalator if the speed of moving handrails is lower than the set value and this situation lasts for a certain period of time.	HSS	•	•
Low-Voltage Protection	Stop the escalator when the voltage of the inverter is too low.	LVP	_	•
Overcurrent Protection	Stop the escalator when the inverter has an overcurrent.	OCP	_	•
Motor Overload Protection	Stop the escalator when the motor is overloaded.	OCR	•	•
Overvoltage Protection	Stop the escalator when the voltage of the inverter is too high.	OVP	_	•
Power Phase Detect	Automatically monitor the phases and frequency of the power supply and bypass variable frequency to realize impact-free switch.	PLL	_	•
Passenger Sensor Fault	Diagnose the faults of passenger sensors and enable the escalator to cancel the standby mode in case of a fault.	PSD	_	0
Step Chain safety Device	Stop the escalator if the step chain breaks or stretches beyond an allowable limit.	SCS	•	•
Skirt Deflector Safety Device	A safety device with a rigid base, which is installed on the skirt to prevent an object or a foot from getting trapped in the gap between the skirt guard and step.	SDS	•	•
Step Static Electricity Remover	Prevent steps from generating static electricity.	SER	•	•
Missing Step Device	Stop the escalator if a missing part of Steps is detected.	SMS	•	•
Step Level Device	Stop the escalator when a step drops and cannot mesh with the comb plate.	SRS	•	•
Skirt Guard Safety Device	Stop the escalator if an object is trapped in the gap between the step and skirt guard.	SSS	0	0
Start Switch Bonding Detect	Prevent the escalator from restarting when the start switch is bonded.	SWD	•	•
Thermo-Detection in Invertor	Stop the escalator when the temperature of the inverter is too high.	THMF	_	•
Under Speed Protection	Stop the escalator when the travel speed of the escalator is lower than the set value.	USP	•	•
Flood Level Alarm	Stop the escalator if there is too much water in the lower truss.	FLS *4	•	•
Oil Level Alarm	Prevent the escalator from restarting when the level of the oiler is too low.	OILF *5	•	•
Over-Temperature Protection	Stop the escalator when over temperature of the motor is detected.	ОТР	•	•
Handrail Breakage Safety Device	Stop the escalator if the handrails break or stretch beyond an allowable limit.	HBS	0	0
Operational Brake Wear Monitor	Prevent the escalator from restarting if the operational brake is found worn badly.		•	•

•	Standard:	0:	Optional:	-: IV/A

	: Standard	nal: —: N/		
Function	Description	Code	Non-variable frequency	Variable frequency
■ Emergency Operation Features				
Fireman's Service Stop	Stop the escalator when fireman's service signal is received.	FSS	0	0
■ Operational and Service Feature	es es			
Inspection Operation	Inspection Operation mode is convenient for installation and commissioning.	INSP	•	•
Light Shut Off - Manual	Turn on or off the lighting manually.	LO-M *7	•	•
Auto Operation	The escalator runs at rated speed when passengers are detected by passenger sensors, and switches over to standby mode when no passenger is detected.	MDA	_	•
Constant Speed Operation	The escalator always runs at rated speed.	MDC	•	_
Automatic oiling	Automatically oil the chains of the escalator at preset time.	OIL*5	•	•
Passenger Sensor -Through-beam Type	Passenger sensors are through-beam sensors.	PSB *8	_	0
Passenger Sensor -Microwave Non-column Type	Passenger sensors are microwave sensors. (The detection distance can be up to 1.5 m, but the feature of false start prevention is not available.)	PSM *8	_	0
Passenger Sensor-Column Type	Passenger sensors are photoelectric columns.	PSP *8	_	0
Passenger Sensor (EsPDS)	Passenger sensors are intelligent passenger sensors EsPDS (in standby mode, neglect passengers passing by to reduce false start).	EsPDS *8	_	0
Low-Speed Standby	The escalator travels at a speed lower than the rated speed under no load.	SBLS *9	-	0
Stop and Standby	The escalator stops under no loado	SBSP *9	-	0
Direct Start	The escalator is directly driven by the mains electricity during startup and operation.	SDT	•	_
Backup Start	The escalator can manually switch to be directly driven by the mains electricity if the inverter fails.	SBK	-	•
Travel Direction Alternative	The travel direction of the escalator can be selected.	UDA	•	•
Bypass Variable Frequency	The escalator is powered by an inverter during startup, stop and low-speed standby, and directly driven by mains electricity when it is running at rated speed.	VFBF	_	•
Heater	Monitor the temperature of the escalator through the temperature sensor in real time: When the temperature is lower than the set value, this device will prevent the escalator from starting and automatically start or turn off the heater according to the temperature.	HEAT *10	0	0
Intelligent handrail sterilization (UV light)	Automatically sterilize the handrails by way of UV light according to the actual operation state of the escalator.	IHS	0	0
Intelligent lighting control	Automatically control the lighting according to the ambient illuminance and the operation state of the escalator.	IIC *15	0	0
Intelligent heating	Select different heating strategies according to the ambient temperature and the operation state of the escalator.	IHC *11	•	•
Intelligent lubrication	Automatically adjust the oiling strategy according to the rainfall level where an outdoor escalator is installed.	ILC *15	0	0
Light-load energy saving	Under light load, decrease the input voltage of the motor to ensure the optimum current and thus reduce energy loss.	LLS	_	•
Identification and warning of risky passenger behaviors (passengers ride with a pram)	Detect whether a passenger rides the escalator with a pram through the intelligent terminal at the landing areas of the escalator, and then give an acousto-optic alarm signal.	WDB-BS *15	0	0
Identification and warning of risky passenger behaviors (children play at the landing areas of the escalator)	Detect whether there are children playing at the landing areas of the escalator and give an acousto-optic alarm signal.	WDB-PHE *15	0	0
■ Information and Display Feature				
Safety Device Code Display	Detect the safety device one by one and display the error code accordingly.	ASD	•	•
BA interface	Output the signals of basic operation state of the escalator through passive dry contacts.	ВА	0	0
Buzzer	Remind the passengers of the start, fault, reversal or other information of the escalator.	BUZ	•	•
Direction Indication	Remind passengers of the travel direction, out-of-service or no-entry or other information of the escalator.	DI *12	0	0
Fireman's Emergency Operation–Complete	A signal is sent when the fireman's emergency operation is completed.	FE-CP	0	0
Balustrade Lighting	Lighting at the lower ends of the balustrade.	L-BAL *13	•	•
Under-Step Lighting	Lighting at the position where the steps come in and out to show the edge of steps.	L-STP	0	0
Intelligent Escalator Monitoring System	Use computers to monitor the operation state of escalators and give start and stop instructions when necessary.	SMARTEYE	0	0
Skirt Lighting	Lighting on the skirt at both sides of the step band.	L-SKT *14	0	0

• Standard O: Optional

Function	Description	Code	Non-variable frequency	Variable frequency
■ Information and Display Feature				
Comb Lighting	Lighting on the comb plate at the position where the steps come in and out.	L-COMB *14	0	0
Door Open Alarm	The buzzer rings when the manhole cover is opened.	DOA	•	•
LED Lighting	Use LED for lighting source.	LED	0	0
Voice Announcer (CN)	The voice announcer informs passengers of safety tips in Chinese.	AAN-S01	0	0
Voice Announcer (CN/EN)	The voice announcer informs passengers of safety tips in Chinese and English.	AAN-S02	0	0
Voice Announcer (EN)	The voice announcer informs passengers of safety tips in English.	AAN-S03	0	0
Multi-functional Operating Panel	An operating panel installed at the landing areas of the escalator, which is used to operate the escalator, set parameters, check the operation state and error code, etc.	MFP	0	0
Control Panel LCD Operating Panel	In the control panel, there is an LCD operating panel, which is used to set parameters, check the operation state and error code, etc.	CPS-LCD	•	•
Intelligent Attentive Announcer	Automatically adjust the volume of announcer according to the changing ambient volume.	IAAN *15	0	0

Notes

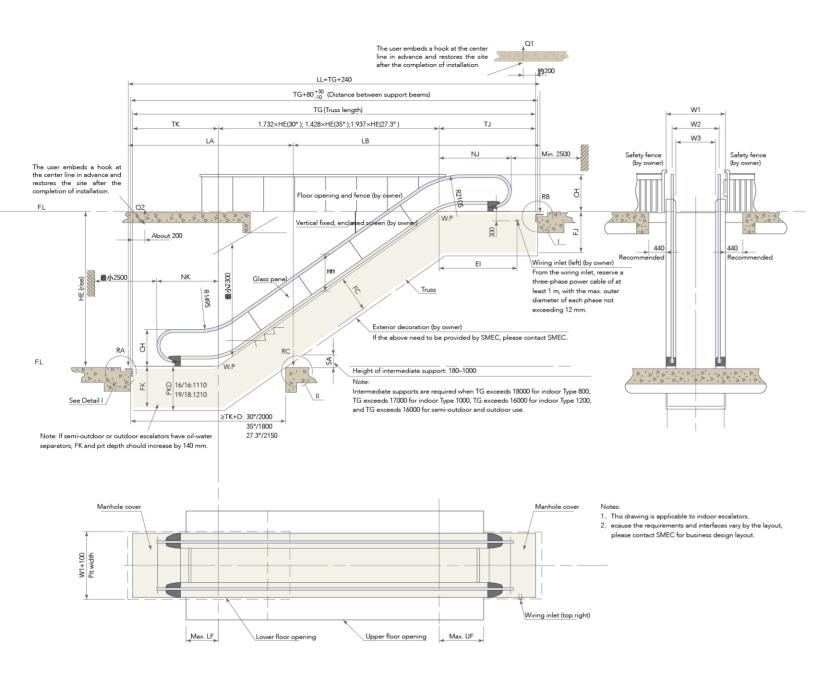
- *1 For commercial use escalators and those exceeding 6 m in rise; for airport use.
- *2 Optional for commercial use escalators and those not exceeding 6 m in rise.
- *3 When auxiliary brakes are provided.
- *4 Standard for outdoor or semi-outdoor escalators.
- *5 When auto oiler is provided.
- *6 Standard when worm gear reducer is provided.
- *7 When balustrade lighting or skirt lighting is available.
- *8 Select PSB, PSM, PSP or EsPDS (PSP is non-standard).
- *9 Select SBLS or SBSP.
- *10 Optional for outdoor escalators; standard when ambient temperature is below 0°C.
- *11 Standard when heaters are provided.
 *12 Non-standard for non-variable frequency escalator.
- *13 Standard for KS-LB-II and KS-LBF-II.

 *14 Non-standard for outdoor escalators.
- *15 Intelligent terminals are required.

Basic Specifications

Item	Content			Description
Between Moving Handrails	1200	1000	800	
Between Skirt Guards	1000	800	600	
	KS-SB-II/KS-	SBF-II		Transparent tempered glass panel, no under-handrail lighting, slim handrails, max. rise 10 m
	KS-B-II/KS-B	F-II		Transparent tempered glass panel, no under-handrail lighting, common handrails, max. rise 13 m
Models		Slim	1	Transparent tempered glass panel, under-handrail lighting; slim handrails Non-standard confirmation required for semi-outdoor and outdoor use, max. rise 10 m
	KS-LB-II/KS-		nmon	Transparent tempered glass panel; under-handrail lighting; common handrails Non-standard confirmation required for semi-outdoor and outdoor use; max. rise 13 m
	KP-B-II/KP-B	F-II		Hairline-finish stainless panel; no under-handrail lighting; max. rise 13 m
	Commercial	use		
Application	Airport			Applicable to airports with fewer passenger flow, non-standard confirmation required for special load requirements
	Indoor			
Environment	Outdoor, se	mi-outdoor		A roof must be provided
	Direct drive	system		
Drive System	AC VVVF dri	ve system		Optional
Power Supply	380V 50Hz 3	-phase, 5-wire	;	Non-standard confirmation is required for other power supply specifications and frequency
Light Power Supply	220V 50Hz single-phase			Non-standard confirmation is required for other power supply specifications and frequency
	950mm			Standard
Handrail Height	1000mm			Optional
	30°			
Inclination	35°			Only for commercial use
	27.3°			
	1400 mm~13000 mm			Inclination 30°
Rise	1606 mm~6000 mm			Inclination 35°
	1285 mm ~ 13000 mm			Inclination 27.3°
	0.4m/s			Optional for commercial use of inclination 30° and 27.3°, max. rise 10 m
Rated Speed	0.5m/s			Standard, max. rise 13 m
	0.65m/s	0.65m/s		Optional for inclination 30° and 27.3°, max. rise 10 m
	000			2 horizontal steps
	800mm			Standard for commercial use and rise not exceeding 6 m; optional for rated speed 0.4 m/s and 0.5 m/s only
Horizontal Movement	1200mm			3 horizontal steps
Honzontal Movement	1200mm			Standard for commercial use and rise not exceeding 6 m; standard for rise exceeding 6 m and commercial use
	1600mm			4 horizontal steps
	1600mm			Optional for commercial use and inclination 30° and 27.3°; optional for airport
D. F. (0)	1000mm/100	00mm		
Radius of Curvature of Curved Guide Rail (Upper/Lower)	1500mm/100	00mm		
	2600mm/200	00mm		

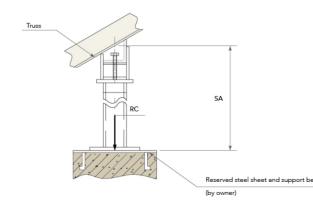




Detail I of end support drawing

Support angle Support angle 80 RB FL 100–105 Reserved steel plate (by owner)

Detail II of intermediate support beam



Item(mm)	Inclination	Between Moving Handrails	Horizontal Steps	Reducer Specification	Radius of curvature of curved guide rail (upper/lower)(mm)	Comb teeth of top /bottom step sprocket	Standard	Optional
					1000/1000	16/16	2435	2436-3535
				F/11101	1500/1000	16/16	2550	2551-3650
				E611101	1500/1000	19/18	2625	2626-3725
			0		2600/2000	19/18	2885	2886-3985
			2		1000/1000	16/16	2735	2736-3835
					1500/1000	16/16	2850	2851-3950
				FTS180.1	1500/1000	19/18	2925	2926-4025
					2600/2000	19/18	3185	3186-4285
					1000/1000	16/16	2840	2841-3940
		1200			1500/1000	16/16	2955	2956-4055
		1000		E611101	1500/1000	19/18	3030	3031-4130
					2600/2000	19/18	3290	3291-4390
			3		1000/1000	16/16	3140	3141-4240
				J611102A000	1500/1000	16/16	3255	3256-4355
				FTS180.1	1500/1000	19/18	3330	3331-4430
					2600/2000	19/18	3590	3591-4690
					1500/1000	19/18	3435	3436-4535
				E611101	2600/2000	19/18	3695	3696-4795
			4	J611102A000	1500/1000	19/18	3735	3736-4835
				FTS180.1	2600/2000	19/18	3995	3996-5095
	30°			F13160.1	1000/1000	16/16	2935	2936-3535
				-	1500/1000	16/16	3050	3051-3650
				E611101	1500/1000	19/18	3125	3126-3725
			2	-	2600/2000	19/18	3385	3386-3985
				FTS180.1				
					1000/1000	16/16	3235	3236-3835
					1500/1000	16/16	3350	3351-3950
Upper Truss Length (TJ)					1500/1000	19/18	3425	3426-4025
Lengar (10)			3	E611101	2600/2000	19/18	3685	3686-4285
					1000/1000	16/16	3340	3341-3940
		800			1500/1000	16/16	3455	3456-4055
					1500/1000	19/18	3530	3531-4130
				FTS180.1	2600/2000	19/18	3790	3791-4390
					1000/1000	16/16	3640	3641-4240
					1500/1000	16/16	3755	3756-4355
					1500/1000	19/18	3830	3831-4430
				+	2600/2000	19/18	4090	4091-4690
				E611101	1500/1000	19/18	3935	3936-4535
			4		2600/2000	19/18	4195	4196-4795
				FTS180.1	1500/1000	19/18	4235	4236-4835
					2600/2000	19/18	4495	4496-5095
			2	E611101	1000/1000	16/16	2495	2496-3595
		1200		FTS180.1	1000/1000	16/16	2795	2796-3895
		1000	3	E611101	1000/1000	16/16	2900	2901-4000
	35°			FTS180.1	1000/1000	16/16	3200	3201-4300
			2	E611101	1000/1000	16/16	2995	2996-3595
		800		FTS180.1	1000/1000	16/16	3295	3296-3895
			3	E611101	1000/1000	16/16	3400	3401-4000
			J	FTS180.1	1000/1000	16/16	3700	3701-4300
					1500/1000	16/16	2501	2502-3601
				E611101	1500/1000	19/18	2576	2577-3676
		1200	•		2600/2000	19/18	2810	2811-3910
	27.3°	1000	2		1500/1000	16/16	2801	2802-3901
				FTS180.1	1500/1000	19/18	2876	2877-3976
					2600/2000	19/18	3110	3111-4210

Note: When oil-water separators are available, FK should be increased by 140 mm.



ltem(mm)	Inclination	Between Moving	Horizontal	Reducer	Radius of curvature of curved	Comb teeth of top	Standard	Optional
123111(11111)		Handrails	Steps	Specification	guide rail (upper/lower)(mm)	/bottom step sprocket		
					1500/1000	16/16	2960	2907-4006
				E611101	1500/1000	19/18	2981	2982-4081
			3		2600/2000	19/18	3215	3216-4315
				J611102A000	1500/1000	16/16	3206	3207-4306
		1200		FTS180.1	1500/1000	19/18	3281	3282-4381
		1000			2600/2000	19/18	3515	3516-4615
				E611101	1500/1000	19/18	3386	3387-4486
			4		2600/2000	19/18	3620	3621-4720
				J611102A000	1500/1000	19/18	3686	3687-4786
				FTS180.1	2600/2000	19/18	3920	3921-5020
					1500/1000	16/16	3001	3002-3601
				E611101	1500/1000	19/18	3076	3077-3676
Upper Truss	27.3°		2		2600/2000	19/18	3310	3311-3910
Length (TJ)	27.3		2		1500/1000	16/16	3301	3302-3901
				FTS180.1	1500/1000	19/18	3376	3377-3976
					2600/2000	19/18	3610	3611-4210
					1500/1000	16/16	3406	3407-4006
				E611101	1500/1000	19/18	3481	3482-4081
		800	_		2600/2000	19/18	3715	3716-4315
			3		1500/1000	16/16	3706	3707-4306
				FTS180.1	1500/1000	19/18	3781	3782-4381
					2600/2000	19/18	4015	4016-4615
					1500/1000	19/18	3886	3887-4486
				E611101	2600/2000	19/18	4120	4121-4720
			4	FTS180.1	1500/1000	19/18	4186	4187-4786
					2600/2000	19/18	4420	4421-5020
			2	/	1000/1000	16/16	2178	2179-3278
					1500/1000	16/16	2178	2179-3278
					1500/1000	19/18	2253	2254-3353
					2600/2000	19/18	2484	2485-3584
			3	,	1000/1000	16/16	2583	2584-3683
	30°	/			1500/1000	16/16	2583	2584-3683
					1500/1000	19/18	2658 2889	2659-3758 2890-3989
					2600/2000		3063	
					1500/1000	19/18		3064-4163
Lower Truss Length (TK)			2	/	2600/2000	19/18	3294	3295-4394
9(4	35°	/			1000/1000	16/16	2213	2214-3313
			3	/	1000/1000	16/16	2618	2619-3718
			2	,	1500/1000	16/16	2161	2162-3261
			2	/	1500/1000	19/18	2236	2237-3336
					2600/2000	19/18	2442	2443-3542
	27.3°	/	2	,	1500/1000	16/16	2566	2567-3666
			3	/	1500/1000	19/18	2641	2642-3741
					2600/2000	19/18	2847	2848-3947
			4	/	1500/1000	19/18	3046	3047-4146
				/	2600/2000	19/18	3252	3253-4352
					1000/1000	16/16	1060	/
Upper Truss				E611101	1500/1000	16/16	1060	/
Upper Truss Depth (FJ)	/	/	/	J611102A000	1500/1000	19/18	1270	/
					2600/2000	19/18	1270	/
				FTS180.1	/	/	1270	/
Upper Truss	/	,	/	,	,	16/16	1020	/
Depth (FK)	,	· '		_ ′	·	19/18	1120	/

Item(mm)					Radius of curvature of curved guide rail (upper/lower)(mm)			Optional	
	30	/	/	/	/	/	918	/	
Middle Truss Depth(FC)	35	/	/	/	/	/	938	/	
25,521,(1.5)	27.3	/	/	/	/	/	906	/	
	30	/	/	/	/	/	950	1000	
Horizontal Handrail Height (CH)	35	/	/	/	/	/	950	1000	
rieight (Cri)	27.3	/	/	/	/	/	950	1000	
	30	/	/	/	/	/	935	1005	
Inclined Handrail	35	/	/	/	/	/	989	1062	
Height (HH)	27.3	/	/	/	/	/	979	1013	
					1000/1000	/	1759	1784	
			2	/	1500/1000	/	1874	1899	
					2600/2000	/	2134	2159	
	000	, [1000/1000	/	2164	2189	
	30°	/	3	/	1500/1000	/	2279	2304	
					2600/2000	/	2539	2564	
					1500/1000	/	2684	2709	
Upper Balustrade			4	/	2600/2000	/	2944	2969	
Length (NJ)			2	/	1000/1000	/	1819	1844	
	35°	/	3	/	1000/1000	/	2224	2249	
					1500/1000	/	1825	1850	
		/	2	/	2600/2000	/	2059	2084	
				/	1500/1000	/	2230	2255	
	27.3°		3		2600/2000	/	2464	2489	
			4		1500/1000	/	2635	2660	
				/	2600/2000	/	2869	2894	
				/	1000/1000	/	1502	1527	
		/	2		1500/1000	/	1502	1527	
					2600/2000	/	1733	1758	
					1000/1000	/	1907	1932	
	30°		3	/	1500/1000	/	1907	1932	
					2600/2000	/	2138	2163	
					1500/1000	/	2312	2337	
Lower Balustrade			4	/	2600/2000	/	2543	2568	
Length (NK)			2	/	1000/1000	/	1537	1562	
	35°	/	3	/	1000/1000	/	1942	1967	
						1500/1000	/	1485	1510
			2	/	2600/2000	/	1691	1716	
	07.00		2		1500/1000	/	1890	1915	
	27.3°	/	3	/	2600/2000	/	2096	2121	
				,	1500/1000	/	2295	2320	
		<u> </u>	4	/	2600/2000	/	2501	2526	
	/	1200	/		/	/	1491	/	
	/	1000	/	≤10m	/	/	1293	/	
Escalator Width	/	800	/		/	/	1095	/	
(W1)	/	1200	/		/	/	1541	/	
	/	1000	/	>10m	/	/	1343	/	
	/	800	/		/	/	1145	/	
Inclination		Enviro	nment	LA(mm)	LB(mm)	LC(mm)		
30°			Inc	loor	(TK+459)~16000	(TJ+1013)~16000	500~	16000	
	30-			oor/Outdoor	(TK+459)~14000	(TJ+1013)~14000	500~	14000	
35°			Inc	loor	(TK+538)~16000	(TJ+855)~16000		/	
			Semi-outdo	oor/Outdoor	(TK+538)~14000	(TJ+855)~14000		/	
	27.3°		Inc	loor	(TK+416)~16000	(TJ+1095)~16000	500~	16000	
			Semi-outdo	oor/Outdoor	(TK+416)~14000	(TJ+1095)~14000	500~	14000	