



Certificate No.
10.03.5320

Date of Issue
24/12/2024

Valid From
24/12/2024

**EU TYPE-EXAMINATION CERTIFICATE
FOR TRACTION DRIVE
PASSENGER LIFT
ACCORDING TO
EUROPEAN LIFT DIRECTIVE
2014/33/EU ANNEX IV (MODULE B)**

Applicant's Name	:	<i>SANYO ELEVATOR CO., LTD.</i>
Applicant's Address	:	<i>No.559, Yue Luo Road, Baoshan District, Shanghai, P.R. China</i>
Manufacturer's Name	:	<i>SANYO ELEVATOR CO., LTD.</i>
Manufacturer's Address	:	<i>No.559, Yue Luo Road, Baoshan District, Shanghai, P.R. China</i>
Product Type	:	<i>Machine Roomless Passenger Lift</i>
Product Model	:	<i>NIP-TKJW (Technical Description Attached) Annex A: Technical Specifications Annex B: List of Safety Components Certificates</i>
Directives/Standards	:	<i>2014/33/EU, EN 81-20:2020, EN 81-50:2020</i>
Checklist Report No.	:	<i>10.03.5320R</i>

On manufacturer's request, it is hereby certified that the aforementioned notified body, EUROCERT SA, with identification number **1128**, has assessed the above representative model of Machine Roomless Passenger Lift, in accordance with the requirements of European Lift Directive 2014/33/EU Annex IV (Module B), with satisfactory results.

Preconditions:

A lift, manufactured in conformity with the above-described model lift, must be submitted by the installer to Final Inspection procedure according to annex V of European Lift Directive 2014/33/EU (Final Inspection) before being placed in use.

The installer of the lift, if it satisfies the provision of the Directive, shall affix the CE marking with the Identification Number of the involved to the Final Inspection notified body and draw up an EU Declaration of Conformity.



INSPECTOR

CHAD WANG

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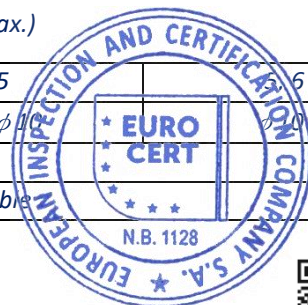




ANNEX A

CERTIFICATE No.: 10.03.5320
TECHNICAL SPECIFICATIONS

Technical Specifications	Parameters / Range		
Type of Lift	Machine Roomless Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	N/A		
Controller Type	NICE 3000 ^{new} , NP-VF		
Permissible Rated Load (kg)	450	630	800
Car Weight (kg)	800 ~ 1300	800 ~ 1300	850 ~ 1300
Max. Capacity (no. of persons)	6	8	10
Max. Traveling Distance (m)	60	60	60
Diameter of Traction Sheave (mm)	φ 320, φ 325	φ 320, φ 325, φ 400	φ 320, φ 400, φ 450, φ 480
Rated Speed (m/sec)	1.0, 1.5, 1.6, 1.75		
Type of Motor	GTW7A, MCK100, MONA320	GTW7A, GTW9S, FRD40WA, GETM3.0H, MCK100, MCK200, MONA320	GTW9A, GTW9S, FRD40WA, GETM3.0H, GETM3.5H, GETM3.2D, MCK200, MONA320
Min.-Max. Car Dimensions (Area m ²)	1.17 ~ 1.26	1.45 ~ 1.625	1.73 ~ 1.96
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T75-3/B, T82-3/B, T89-1/B, T90/B		T82-3/B, T89-1/B, T90/B, T114/B
Guide Rail of the Counterweight	TK5A, T75-3/B, T82-3/B, T89-1/B, T90/B		
Counterweight Balance Coefficient	0.4 ~ 0.5		
Distance Between Brackets (car guide rails) (m)	2.5 (max.)		
Number of wire Rope	4	4, 5	6
Wire Rope Diameter (mm)	φ 8	φ 8, φ 10	φ 12
Suspension Type (Ratio)	2:1		
Compensation Chain	Available		



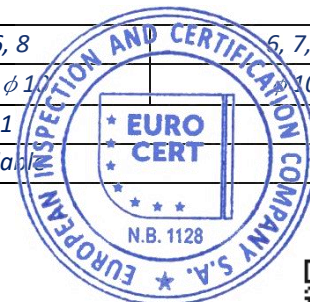
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Type of Lift	Machine Roomless Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	N/A		
Controller Type	NICE 3000 ^{new} , NP-VF		
Permissible Rated Load (kg)	1000	1150	1250
Car Weight (kg)	900 ~ 1400	1000 ~ 1500	1100 ~ 1700
Max. Capacity (no. of persons)	13	15	16
Max. Traveling Distance (m)	60	60	60
Diameter of Traction Sheave (mm)	φ 320, φ 400, φ 450, φ 480	φ 320, φ 340, φ 400, φ 450, φ 485	φ 400, φ 450, φ 485, φ 550
Rated Speed (m/sec)	1.0, 1.5, 1.6, 1.75		
Type of Motor	GTW9A, GTW9S, FRD40WA, GETM3.0H, GETM3.5H, GETM3.2D, MCK200, MONA320	GTW10X, GTW9A, GTW9S, FRD40W, GETM3.5H, GETM3.5D, MCK200, MONA320	GTW10X, GTW9A, FRD40W, GETM5.0H, GETM6.0H, MCK300, MONA400
Min.-Max. Car Dimensions (Area m ²)	2.15 ~ 2.40	2.43 ~ 2.70	2.57 ~ 2.89
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T82-3/B, T89-1/B, T90/B, T114/B		
Guide Rail of the Counterweight	TK5A, T75-3/B, T82-3/B, T89-1/B, T90/B		
Counterweight Balance Coefficient	0.4 ~ 0.5		
Distance Between Brackets (car guide rails) (m)	2.5 (max.)		
Number of wire Rope	5, 6, 7	5, 6, 8	6, 7, 8
Wire Rope Diameter (mm)	φ 8, φ 10	φ 8, φ 10	φ 8, φ 10
Suspension Type (Ratio)	2:1		
Compensation Chain	Available		



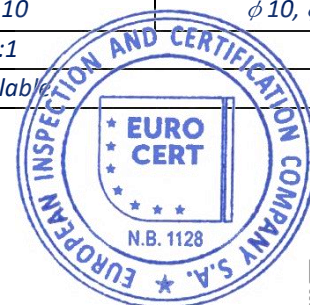
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Type of Lift	Machine Roomless Passenger Lift		
Type of Driving System	Traction		
Machine Room Position	N/A		
Controller Type	NICE 3000 ^{new} , NP-VF		
Permissible Rated Load (kg)	1350	1600	2000
Car Weight (kg)	1200 ~ 1800	1300 ~ 1900	1500 ~ 2000
Max. Capacity (no. of persons)	18	21	26
Max. Traveling Distance (m)	60	60	60
Diameter of Traction Sheave (mm)	φ 400, φ 410, φ 450, φ 485, φ 550	φ 400, φ 410, φ 450, φ 485, φ 550	φ 400, φ 410, φ 450, φ 480
Rated Speed (m/sec)	1.0, 1.5, 1.6, 1.75		
Type of Motor	GTW10X, FRD40W, GETM5.0H, GETM6.0H, MONA400, MCK300	GTW10X, FRD40W, FRD45D, GETM6.0H, MCK300, MONA400	GTW10X, FRD45D, GETM6.0H, MCK500, MONA450
Min.-Max. Car Dimensions (Area m ²)	2.85 ~ 3.06	3.245 ~ 3.50	3.82 ~ 4.20
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door		
Guide Rail of the Car	T82-3/B, T89-1/B, T90/B, T114/B, T127-1/B		
Guide Rail of the Counterweight	TK5A, T75-3/B, T82-3/B, T89-1/B, T90/B		
Counterweight Balance Coefficient	0.4 ~ 0.5		
Distance Between Brackets (car guide rails) (m)	2.5 (max.)		
Number of wire Rope	7, 8	7, 8, 9	7, 8, 9, 10
Wire Rope Diameter (mm)	φ 10	φ 10	φ 10, φ 12
Suspension Type (Ratio)	2:1		
Compensation Chain	Available		



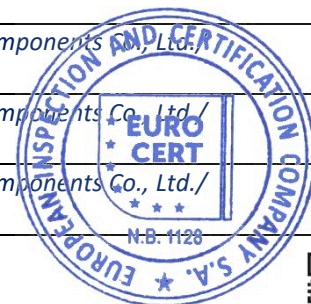
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ANNEX B

CERTIFICATE No.: 10.03.5320
Safety Components Specification

Safety Component Description	Model / Manufacturer / Certificate data
Safety Gear	OX-188/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0133/17
	OX-210B/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0138/17
	QJB2500/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-SG 950/2
	QJB2500C/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-SG 934/2
	HN2500B1/ Hangzhou Huning Elevator Parts Co., Ltd./ SCMB.0342
	HN7000/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-SG 933/2
	AQ11A/ HeBei Dongfang Fuda Machinery Co., Ltd./ №1168K/TE/23.04.2019
	AQ11B/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-SG 888
	AQ11C/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-SG 889
	AQ11D/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-SG 890
Overspeed Governor	XS1/ Shijiazhuang Tong'an Machinery Co., Ltd./ LF/KSA/A-C-0094/16
	XS3/ Shijiazhuang Tong'an Machinery Co., Ltd./ LF/KSA/A-C-0185/17
	XSW/ Shijiazhuang Tong'an Machinery Co., Ltd./ LF/KSA/A-C-0158/17
	OX-240F/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0130/17
	OX-187/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0127/17
Landing Door Locking Device	IL-32161, IL-32161-1/ Ningbo OULING Elevator Components Co., Ltd./ LF/KSA/A-C-0093/16
	OMS210/ Ningbo OULING Elevator Components Co., Ltd./ SCMB.0401
	MKG161-01/ NBSL Elevator Components Co., Ltd./ EU-DL 1021/2
	MKG161-01(2S)/ NBSL Elevator Components Co., Ltd./ EU-DL 1042/2
	MKG161-01(4CO)/ NBSL Elevator Components Co., Ltd./ EU-DL 1041/2
	KS209/C2/ Suzhou Eshine Elevator Components CO., LTD./ EU-DL 763
	KS209/S2/ Suzhou Eshine Elevator Components CO., LTD./ EU-DL 795
	MS209/C2/ Suzhou Eshine Elevator Components CO., LTD./ EU-DL 1022
MS209/S2/ Suzhou Eshine Elevator Components CO., LTD./ EU-DL 1023	
Buffer	OH-80/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0132/17
	OH-175/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0159/17
	OH-210/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0131/17
	OH-275/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0188/18



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ANNEX B

CERTIFICATE No.: 10.03.5320
Safety Components Specification

Safety Component Description	Model / Manufacturer / Certificate data	
Buffer (Continued)	OH-425/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0189/18	
	OH-80E/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0240/19	
	OH-175E/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0241/19	
	OH-210E/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0242/19	
	OH-275E/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0243/19	
	OH-425E/ Ningbo Aodepu Elevator Components Co., Ltd./ LF/KSA/A-C-0244/19	
	HYF80B/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-B 061/2	
	HYF175A/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-B 062/2	
	HYF210C1/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-B 067/2	
	HYF275E/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-B 068/2	
	HYF425E/ Hangzhou Huning Elevator Parts Co., Ltd./ EU-B 069/2	
	HYF80F/ Hangzhou Huning Elevator Parts Co., Ltd./ SCMB.0337	
	HYF175F/ Hangzhou Huning Elevator Parts Co., Ltd./ SCMB.0338	
	HYF210F/ Hangzhou Huning Elevator Parts Co., Ltd./ SCMB.0339	
	HYF275F/ Hangzhou Huning Elevator Parts Co., Ltd./ SCMB.0340	
	HYF425F/ Hangzhou Huning Elevator Parts Co., Ltd./ SCMB.0341	
	YH45/70/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 102	
	YH46/155/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 103	
	YH47/207/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 104	
	YH48/270/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 105	
	YH49/425/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 106	
	YH51/80/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 107	
	YH52/175/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 108	
	YH53/220/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 109	
	YH54/280/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 110	
	YH55/435/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 111	
	YH85/630/ HeBei Dongfang Fuda Machinery Co., Ltd./ EU-B 112	
	Ascending Car Overspeed Protection Means	EMK7K-2x425Nm, EMK9K-2x975Nm, EMM1K-2x1400Nm / Suzhou Mona Drive Equipment Co, Ltd. (Shanghai)/ NL 17-400-1002-263-01 rev.4
		EMM1K-2x1400Nm, EMM2K-2x2500Nm / Suzhou Mona Drive Equipment Co, Ltd. (Shanghai)/ NL 17-400-1002-263-02 rev.2



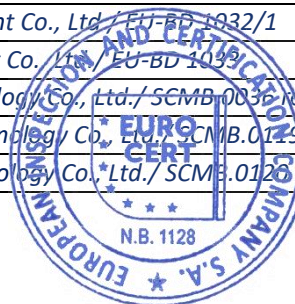
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ANNEX B

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Safety Components Specification

Safety Component Description	Model / Manufacturer / Certificate data
Ascending Car Overspeed Protection Means (Continued)	EMM600-2x750Nm/ Suzhou Mona Drive Equipment Co, Ltd. (Shanghai)/ NL 19-400-1002-263-03 rev.1
	ZZD2-480/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./ LF/KSA/A-C-0263/20
	DZD1-500/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./ EU-BD 1025/1
	DZD1-653/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 931/1
	DZD1-500/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./ EU-BD 1025/1
	FZD10/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 846
	FZD12A/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 991
	FZD12C/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1032/1
	FZD14/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1033
	VED40/ Zhejiang Furder Drive Technology Co., Ltd./ SCMB.0175 rev.4
Safety Circuits Containing Electronic Components	MCTC-SCB-A1/ Suzhou Inovance Technology Co., Ltd./ SCMB.0119
	MCTC-SCB-D/ Suzhou Inovance Technology Co., Ltd./ SCMB.0120
Unintended Car Movement Protection Means (UCMP)	EMK7K-2x425Nm, EMK9K-2x975Nm, EM12K-2x2150Nm/ Suzhou Mona Drive Equipment Co, Ltd. (Shanghai)/ NL 17-400-1002-263-01 rev.4
	EMM1K-2x1400Nm, EMM2K-2x2500Nm/ Suzhou Mona Drive Equipment Co, Ltd. (Shanghai)/ NL 17-400-1002-263-02 rev.2
	EMM600-2x750Nm/ Suzhou Mona Drive Equipment Co, Ltd. (Shanghai)/ NL 19-400-1002-263-03 rev.1
	ZZD2-480/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./ LF/KSA/A-C-0263/20
	DZD1-500/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./ EU-BD 1025/1
	DZD1-653/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 931/1
	DZD1-500/ Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./ EU-BD 1025/1
	FZD10/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 846
	FZD12A/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 991
	FZD12C/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1032/1
	FZD14/ Suzhou Torin Drive Equipment Co., Ltd./ EU-BD 1033
	VED40/ Zhejiang Furder Drive Technology Co., Ltd./ SCMB.0036 rev.5
	MCTC-SCB-A1/ Suzhou Inovance Technology Co., Ltd./ SCMB.0129
	MCTC-SCB-D/ Suzhou Inovance Technology Co., Ltd./ SCMB.0126



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Conditions:

1. The lift may be installed only under normal conditions and this certificate does not cover the lifts to be installed at locations with special environmental conditions such as extreme temperature, explosive atmospheres, in nuclear facilities, etc.
2. One copy of the user manual (operating, maintenance, and rescue instructions), wiring diagrams and system drawings must be kept at the site of operation.
3. At the installation of the lift on site, all relevant national building regulations must be observed.

Remarks:

1. In order to place the lift in service, the requirements outlined in Directive 2014/33/EU Article 16 must be met (Conformity Assessment Procedure).
2. The requirements of the EU Member States must be observed (e.g. well ventilation, fire protection, user-panel suitable for handicapped people etc.), when the lift is being installed in a building.
3. The certificate should only be used in connection with pertinent Annex. The certificate and its annex shall be updated or revised following relevant application of the certificate holder.
4. This certificate is valid only for the product and configuration described and in conjunction with the technical specifications detailed above.



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