



EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

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

EU 型式试验证书

适用于曳引式乘客升降机 (电梯)

欧洲电梯指令 2014/33/EU 附录 IV (模式 B)

Manufacturer's/Applicant's- Certificate Holder's Name/ 制造商/申请方-证书持证方的名字	:	HUZHOU FUJI ELEVATOR CO.,LTD./ 湖州富机电梯有限公司
Address/ 地址	:	No.1878,Xunzhi road,Nanxun Huzhou,Zhejiang,P.R.China / 中国浙江湖州南浔浔织路1878号
Certificate No./证书号	:	LIMB.0068
Product Type/产品类型	:	Machine Roomless Passenger Lift/无机房乘客电梯
Product Model/产品型号	:	TKJW (Technical Description Attached) TKJW (附上技术描述) Annex A: Technical Specifications 附表 A: 技术参数 Annex B: List of Safety Components Certificates 附表 B: 安全部件证书列表
Directives/Standards/指令/标准	:	2014/33/EU, EN 81-20:2014
Checklist Report No./检测报告编号	:	LIMB.0068R

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.

应制造商的请求, 兹证明上述公告机构, EUROCERT SA (机构注册号 **1128**) 已依据欧洲电梯指令 2014/33/EU 附录 IV (模式 B) 的相关要求, 对上述无机房乘客电梯的代表性型号进行评估, 并取得满意的结果。

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.

前提:

一部遵照上述描述样式制造的电梯, 在投入使用之前, 必须通过安装方申报并依据欧洲电梯指令 2014/33/EU 附录 V (最终检验) 通过最终检验程序。

电梯安装方, 如果其满足指令的相关规定, 应当粘贴伴随着参与最终检验的公告机构号的 CE 标识并起草一份 EU 符合性声明。

Issue date/签发日期: 18/11/2021

INSPECTOR/检验员

CHAD WANG



George N. Sifonios
发展总监

THE DATA OF THIS CERTIFICATE IS GATHERED WITH EVERY POSSIBLE THOROUGHNESS
THIS CERTIFICATE REFLECTS THE FINDINGS OF THE TIME AND PLACE OF THE AUDIT
REPRODUCTION OF THIS DOCUMENT IS STRICTLY FORBIDDEN

本证书的数据收集的十分周密

本证书体现了审核的时间和地点的调查结果

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Annex A: Technical Specifications

Belonging to Certificate Number: LIMB.0068

附表 A: 技术参数

属于证书号: LIMB.0068

Technical Specifications/ 技术参数	Parameters / Range 参数 / 范围			
Type of Lift/电梯类型	Machine Roomless Passenger Lift/无机房乘客电梯			
Type of Driving System/ 驱动系统类型	Traction/曳引式			
Machine Room Position/ 机房位置	Not Available/ 不适用			
Permissible Rated Load mass/ 允许的额定载重(kg)	450	630	800	900
Car Weight/轿厢质量(kg)	500 - 1200	500 - 1200	500 - 1200	500 - 1200
Capacity (no. of persons)/ 载量 (人数)	6	8	10	12
Max Traveling Distance / 最大提升距离 (m)	120	120	120	120
Diameter of Pulley / 曳引轮直径 (mm)	Φ 200, Φ 320	Φ 320, Φ 400	Φ 320, Φ 400, Φ 450, Φ 490,	Φ 320, Φ 400, Φ 450, Φ 490,
Rated Speed/额定速度(m/sec)	0.5, 1.0, 1.5, 1.6, 1.75	0.5, 1.0, 1.5, 1.6, 1.75, 2.0	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5
Type of Motor/主机型号	MCK100, MONA200, MONA200A, FRD21G, FRD21E	MCK100, MCK200, MONA200, MO NA200A, MONA3 20, FRD32K, FRD 32X, FRD40D, FRD40W	MCK200, MONA320, FRD32X, FRD40D, FRD40W	MCK200, MONA320, MONA400, FRD32X, FRD40D, FRD40W
Min.-Max. Car Dimensions (Area m ²)/ 最小-最大轿厢尺寸 (面积 m ²)	1.17-1.30	1.372-1.61	1.75-1.96	1.96 - 2.17
Type of Doors/门类型	Automatic power operated central opening door or Automatic power operated side opening door/自动动力驱动的中分门或者自动动力驱动的 旁开门			
Guide Rail of the Car/轿厢导轨	T75, T78, T82, T90	T78, T82, T90	T82, T90, T114, T127, T140	T82, T90, T114, T127, T140
Guide Rail of the Counterweight/ 对重导轨	TK5A, T75, T78, T82, T90			
Distance Between Brackets (car guide rails)/ 支架间距 (轿厢导轨)(m)	2.5(max.)			
Number of Ropes/钢丝绳数量	4	4,5	5,6,8,10	5,6,7,8,10
Wire Rope Diameter/钢丝绳直径(mm)	Φ8	Φ8, Φ10	Φ8, Φ10, Φ12	Φ8, Φ10, Φ12
Suspension Type (Ratio)/ 悬挂类型 (比例)	2:1			
Compensation Chain/补偿链	Available/可适用			





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附表 A: 技术参数
属于证书号: LIMB.0068

Technical Specifications/ 技术参数	Parameters / Range 参数 / 范围			
Type of Lift/电梯类型	Machine Roomless Passenger Lift/无机房乘客电梯			
Type of Driving System/ 驱动系统类型	Traction/曳引式			
Machine Room Position/ 机房位置	Not Available/ 不适用			
Permissible Rated Load mass/ 允许的额定载重(kg)	1000	1050	1150	1250
Car Weight/轿厢质量(kg)	500-1200	800-1500	800-1500	800-1500
Capacity (no. of persons)/ 载量(人数)	13	14	15	16
Max Traveling Distance / 最大提升距离 (m)	120	120	120	120
Diameter of Pulley / 曳引轮直径 (mm)	Φ320, Φ400, Φ450, Φ490,	Φ320, Φ400, Φ450, Φ490,	Φ320, Φ400, Φ450	Φ320, Φ450, Φ550,
Rated Speed/额定速度(m/sec)	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5
Type of Motor/主机型号	MCK200, MONA320, MONA400, FRD32X, FRD40D, FRD40W	MCK200, MONA320, MONA400, FRD32D, FRD40W	MCK200, MONA400, FRD40W	MCK300, MONA400, FRD40W
Min.-Max. Car Dimensions (Area m ²)/ 最小-最大轿厢尺寸(面积m ²)	2.08-2.40	2.32-2.48	2.40-2.64	2.625-2.89
Type of Doors/门类型	Automatic power operated central opening door or Automatic power operated side opening door/自动动力驱动的中分门或者自动动力驱动的 旁开门			
Guide Rail of the Car/轿厢导轨	T82, T90, T114, T127, T140	T82, T90, T114, T127, T140	T82, T90, T114, T127, T140	T82, T90, T114, T127, T140
Guide Rail of the Counterweight/ 对重导轨	TK5A, T75, T78, T82, T90			
Distance Between Brackets (car guide rails)/ 支架间距(轿厢导轨)(m)	2.5(max.)			
Number of Ropes/钢丝绳数量	5,6,7,8,10	5,6,8,10	6,8,10	7,10
Wire Rope Diameter/钢丝绳直径(mm)	Φ8, Φ10, Φ12	Φ8, Φ10	Φ8, Φ10,	Φ8, Φ10
Suspension Type (Ratio)/ 悬挂类型(比例)	2:1			
Compensation Chain/补偿链	Available/可适用			



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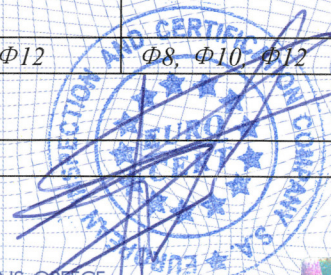


EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.

Annex A: Technical Specifications
Belonging to Certificate Number: LIMB.0068

附表 A: 技术参数
属于证书号: LIMB.0068

Technical Specifications/ 技术参数	Parameters / Range 参数 / 范围		
Type of Lift/ 电梯类型	Machine Roomless Passenger Lift/ 无机房乘客电梯		
Type of Driving System/ 驱动系统类型	Traction/ 曳引式		
Machine Room Position/ 机房位置	Not Available/ 不适用		
Permissible Rated Load mass/ 允许的额定载重(kg)	1350	1600	2000
Car Weight/ 轿厢质量(kg)	800-1500	1500-2300	1500-2600
Capacity (no. of persons)/ 载量 (人数)	18	21	26
Max Traveling Distance / 最大提升距离 (m)	120	120	120
Diameter of Pulley / 曳引轮直径 (mm)	Φ320, Φ450, Φ480, Φ550	Φ320, Φ450, Φ480, Φ550	Φ320, Φ450, Φ480
Rated Speed/ 额定速度(m/sec)	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5	0.5, 1.0, 1.5, 1.6, 1.75, 2.0, 2.5
Type of Motor/ 主机型号	MCK300, MONA400, FRD40W	MCK300, MCK500, MON A400, FRD40W, FRD45D	MCK500, MONA450, FRD45D, FRD52K
Min.-Max. Car Dimensions (Area m ²)/ 最小-最大轿厢尺寸 (面积 m ²)	2.88-3.06	3.29 -3.556	3.90-4.10
Type of Doors/ 门类型	Automatic power operated central opening door or Automatic power operated side opening door/ 自动动力驱动的中分门或者自动动力驱动的 旁开门		
Guide Rail of the Car/ 轿厢导轨	T82, T90, T114, T127, T140	T82, T90, T114, T127, T140	T82, T90, T114, T127, T140
Guide Rail of the Counterweight/ 对重导轨	TK5A, T75, T78, T82, T90		
Distance Between Brackets (car guide rails)/ 支架间距 (轿厢导轨)(m)	2.5(max.)		
Number of Ropes/ 钢丝绳数量	7,8,10	7,8,9,12	7,9,10,12
Wire Rope Diameter/ 钢丝绳直径(mm)	Φ8, Φ10, Φ12	Φ8, Φ10, Φ12	Φ8, Φ10, Φ12
Suspension Type (Ratio)/ 悬挂类型 (比例)	2:1		
Compensation Chain/ 补偿链	Available/ 可适用		



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Annex B: Safety Components Specification
EUROPEAN INSPECTION AND CERTIFICATION COMPANY S.A.
Belonging to Certificate Number: LIMB.0068

附表 B: 安全部件说明
 属于证书号: LIMB.0068

Safety Component Description/ 安全部件描述	Model / Manufacturer / Certificate data 型号 / 制造商 / 证书号
Safety Gear/安全钳	AQ10/Hebei Dongfang Fuda Machinery Co., Ltd./772/HT/19.04.2017
	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
	OX-210A/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0134/17
	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
Overspeed Governor/限速器	OX-240F/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0130/17 (rope:6mm,8mm,6.3mm)
	OX-187/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0127/17 (rope:6mm,8mm,6.3mm)
	OX-240/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0129/17 (rope:6mm,8mm,6.3mm)
	XS1/Hebei Dongfang Fuda Machinery Co., Ltd./ 774/TE/26.07.2017 (rope:8mm)
	XS1/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LG-510742 (rope:8mm)
Buffer/缓冲器	OH-80/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0132/17
	OH-210/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0131/17
	HC-A-L01/Shanghai Green Shield Co., Ltd./ LF/KSA/A-C-0140/17
	LD-HC-L12/Shanghai Green Shield Co., Ltd./ LF/KSA/A-C-0141/17
	YH66B/80/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-645564
	YH67B/175/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-645566
	YH68B/210/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-645568
	YH69B/275/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-645569
	YH70B/435/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-645570
	YH71A/80/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-662319
	YH72B/175/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-622214
	YH73A/210/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-622218
	YH74A/275/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-622221
YH75A/435/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-622222	



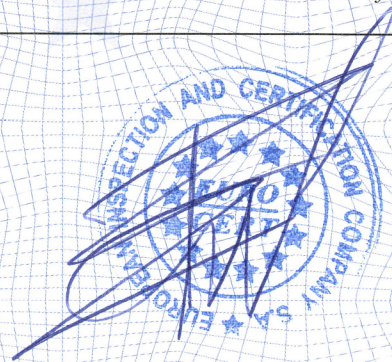


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**Annex B: Safety Components Specification
Belonging to Certificate Number: LIMB.0068**

附表 B: 安全部件说明
属于证书号: LIMB.0068

Safety Component Description/ 安全部件描述	Model / Manufacturer / Certificate data 型号 / 制造商 / 证书号
Ascending Car Overspeed Protection Means/ 轿厢上行超速保护方式	DZD1-500/Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 1025
	DZD1-653/Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 931
	ZZDI-550/Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 1024
	BLB/Shenyang Bluelight Drive Technology Co., Ltd./EU-BD 936
	FZD12/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 864
	FZD12A/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 991
	ESB/CEG Motor (Suzhou) Co., Ltd./EU-BD 1017
	GZD-3/Hepu Power Co., Ltd / SCMB.0089
Landing Door Locking Device/ 层门锁装置	MKG161-01(2CO)/NBSL Elevator Components Co., Ltd./EU-DL 1021
	MKG161-01(2S)/NBSL Elevator Components Co., Ltd./EU-DL 1042
	IL-32161-1/Ningbo Ouling Elevator Components Co., Ltd./ LF/KSA/A-C-0093/16
	FEL-161A/Flying Technology Co., Ltd./LF/KSA/A-C-0106/17
	3201-HYDRA series of type 01/C, 3201-HYDRA EVO series of type 01/C, 3201-SCORPION series of type 01/C / Wittur S.p.A. / ATV 286/10
	3201-HYDRA series of type 11/_ , 3201-HYDRA EVO series of type 11/_ , 3201-SCORPION series of type 11/_ / Wittur S.p.A. / ATV 285/10
	3215-AUGUSTA series of type 01/C, 3215-AUGUSTA EVO series of type 01/C / Wittur S.p.A. / ATV 616/4
	3215-AUGUSTA series of type 11/R-L, 3215-AUGUSTA EVO series of type 11/R-L / Wittur S.p.A. / ATV 617/3



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<i>Unintended Car Movement Protection Means / 轿厢意外移动保护方式 (UCMP)</i>	<i>SM-11-A/Shanghai STEP Electric CO., LTD./SCMB.0078 rev1</i>
	<i>BFT/Shanghai STEP Electric CO., LTD./TEC.0008</i>
	<i>MCTC-SCB-A1/Suzhou Inovance Technology Co., Ltd./SCMB.0119</i>
	<i>MCTC-SCB-D/Suzhou Inovance Technology Co., Ltd./SCMB.0120</i>
	<i>DZD1-500/Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 1025</i>
	<i>DZD1-653/Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 931</i>
	<i>ZZD1-550/Zhejiang Xizi Forvorda Electrical Machinery Co., Ltd./EU-BD 1024</i>
	<i>BLB/Shenyang Bluelight Drive Technology Co., Ltd./EU-BD 936</i>
	<i>FZD12/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 864</i>
	<i>FZD12A/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 991</i>
	<i>ESB/CEG Motor (Suzhou) Co., Ltd./EU-BD 1017</i>
	<i>GZD-3/Hepu Power Co., Ltd / SCMB.0090</i>
	<i>GZD-3/Hepu Power Co., Ltd / SCMB.00116</i>



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