



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)**

| | |
|--|---|
| Manufacturer's/Applicant's- Certificate Holder's Name | : <i>Joylive Elevator Co., Ltd.</i> |
| Address | : <i>North of 312 State Road, Zhengyi Business Area, Bacheng Town, Kunshan, Jiangsu Province, P.R. China</i> |
| Certificate No. | : <i>LIMB.0061</i> |
| Product Type | : <i>Machine Room Passenger Lift</i> |
| Product Model | : <i>GP30(Technical Description Attached) Annex A: Technical Specifications Annex B: List of Safety Components Certificates</i> |
| Directives/Standards | : <i>2014/33/EU, EN 81-20:2014</i> |
| Checklist Report No. | : <i>LIMB.0061R</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 Room 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.

Issue date: 27/04/2018

INSPECTOR

CHAD WANG

FOR EUROCERT SA



Konstantinos Psychogios
Construction Products and Laboratories
Manager

Please check the validity of the certificate from our website using the password pQ8s446B

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Product Certification
Cert. No. 21
ΔΠ13.6/E20/26-01-09

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Annex A: Technical Specifications
Belonging to Certificate Number: LIMB.0061

| Technical Specifications | Parameters / Range | | | |
|--|---|---|---|---|
| Type of Lift | Machine Room Passenger Lift | | | |
| Type of Driving System | Traction | | | |
| Machine Room Position | Upper | | | |
| Permissible Rated Load mass(kg) | 450 | 630 | 800 | 900 |
| Car Weight(kg) | 730-900 | 800-1100 | 880-1350 | 950-1400 |
| Capacity (no. of persons) | 6 | 8 | 10 | 12 |
| Max Traveling Distance (m) | 90 | 90 | 125 | 125 |
| Diameter of Pulley (mm) | Φ320, Φ330 | Φ320, Φ400 | Φ320, Φ400, Φ450 | Φ320, Φ400, Φ450 |
| Rated Speed (m/sec) | 1.0, 1.5, ,1.60, 1.75 | 1.0, 1.5, ,1.60, 1.75 | 1.0, 1.5, ,1.60, 1.75, 2.0, 2.5 | 1.0, 1.5, ,1.60, 1.75, 2.0, 2.5 |
| Type of Motor | GETM3.5D, WR-H, WJC, WTY1 | GETM3.5D, WR-H, GETM3.0H, WJC, WTY1, GTW9 | GETM3.5D, WR-H, GETM3.0H, GETM3.5H, WJC, WTY1, GTW9 | GETM3.5D, WR-H, GETM3.0H, GETM3.5H, WJC, WTY1, GTW9 |
| min-max. Car Dimensions (Area m ²) | 1.17-1.30 | 1.45-1.61 | 1.75-1.96 | 2.01-2.17 |
| Type of Doors | Automatic power operated central opening door or Automatic power operated side opening door | | | |
| Guide Rail of the Car | T75 | T75 | T75, T89 | T75, T89 |
| Guide Rail of the Counterweight | T75, TK5A | | | |
| Distance Between Brackets (car guide rails)(m) | 2.20(max.) | | | |
| Number of wire Rope | 4 | 4,5 | 4,5,6 | 5,6,7,8 |
| Wire Rope Diameter (mm) | Φ8 | Φ8, Φ10 | Φ8, Φ10 | Φ8, Φ10 |
| Suspension Type (Ratio) | 2:1 | | | |
| Compensation Chain | Available | | | |



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| Technical Specifications | Parameters / Range | | | |
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| Type of Lift | Machine Room Passenger Lift | | | |
| Type of Driving System | Traction | | | |
| Machine Room Position | Upper | | | |
| Permissible Rated Load mass(kg) | 1000 | 1050 | 1150 | 1250 |
| Car Weight(kg) | 1050-1450 | 1050-1500 | 1210-1650 | 1260-1700 |
| Capacity (no. of persons) | 13 | 14 | 15 | 16 |
| Max Traveling Distance (m) | 150 | 150 | 150 | 150 |
| Diameter of Pulley (mm) | Φ320, Φ400, Φ450, Φ520, Φ560 | Φ400, Φ450, Φ520, Φ560 | Φ400, Φ450, Φ520, Φ560 | Φ400, Φ450, Φ520, Φ560 |
| Rated Speed (m/sec) | 1.0, 1.5, 1.60, 1.75, 2.0, 2.5, 3.0 | 1.0, 1.5, 1.60, 1.75, 2.0, 2.5, 3.0 | 1.0, 1.5, 1.60, 1.75, 2.0, 2.5, 3.0 | 1.0, 1.5, 1.60, 1.75, 2.0, 2.5, 3.0 |
| Type of Motor | GETM3.5D, WR-H, GETM3.0H, GETM3.5H, WJC, WTY1, GTW9, WTYF2, GTNH2 | GETM3.5H, WJC, WTY1, GTW3, WTYF2, GTNH2 | GETM3.5H, WJC, WTY1, GTW3, WTYF2, GTNH2 | GETM6.0H, WTY1, GTW3, WTYF2, GTNH2 |
| min-max. Car Dimensions (Area m ²) | 2.15-2.40 | 2.32-2.48 | 2.40-2.64 | 2.625-2.88 |
| Type of Doors | Automatic power operated central opening door or Automatic power operated side opening door | | | |
| Guide Rail of the Car | T89, T114 | T89, T114 | T89, T114 | T89, T127 |
| Guide Rail of the Counterweight | T75, T89, TK5A | | | |
| Distance Between Brackets (car guide rails)(m) | 2.20(max.) | | | |
| Number of wire Rope | 4,5,6,7,8 | 4,5,6 | 4,5,6 | 4,5,6 |
| Wire Rope Diameter (mm) | Φ8, Φ10, Φ13 | Φ10, Φ13 | Φ10, Φ13 | Φ10, Φ13 |
| Suspension Type (Ratio) | 2:1 | | | |
| Compensation Chain | Available | | | |





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| Technical Specifications | Parameters / Range | | |
|--|---|---|--------------------------------------|
| Type of Lift | Machine Room Passenger Lift | | |
| Type of Driving System | Traction | | |
| Machine Room Position | Upper | | |
| Permissible Rated Load mass(kg) | 1350 | 1600 | 2000 |
| Car Weight(kg) | 1350-1750 | 1500-2300 | 1800-2600 |
| Capacity (no. of persons) | 18 | 21 | 26 |
| Max Traveling Distance (m) | 150 | 150 | 150 |
| Diameter of Pulley (mm) | Φ400, Φ450, Φ520, Φ560 | Φ400, Φ450, Φ485, Φ520, Φ560 | Φ485, Φ520, Φ560 |
| Rated Speed (m/sec) | 1.0, 1.5, ,1.60, 1.75, 2.0, 2.5, 3.0 | 1.0, 1.5, ,1.60, 1.75, 2.0, 2.5, 3.0 | 1.0, 1.5, ,1.60, 1.75, 2.0, 2.5, 3.0 |
| Type of Motor | GETM6.0H, WTY1, GTW3, WTYF2, GTNH2 | GETM6.0H, WTY1, WTY2, GTW5A, WTYF2, GTNH2 | WTY1, WTY2, GTW5A, WTYF2, GTNH2 |
| min-max. Car Dimensions (Area m ²) | 2.88-3.06 | 3.29-3.556 | 3.90-4.10 |
| Type of Doors | Automatic power operated central opening door or Automatic power operated side opening door | | |
| Guide Rail of the Car | T89, T127 | T89, T127 | T89, T127 |
| Guide Rail of the Counterweight | T75, T89, TK5A | | |
| Distance Between Brackets (car guide rails)(m) | 2.20(max.) | | |
| Number of wire Rope | 4,5,7 | 4,5,8 | 6 |
| Wire Rope Diameter (mm) | Φ10, Φ13 | Φ10, Φ12, Φ13 | Φ12, Φ13 |
| Suspension Type (Ratio) | 2:1 | | |
| Compensation Chain | Available | | |





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**Annex B: Safety Components Specification
Belonging to Certificate Number: LIMB.0061**

| Safety Component Description | Model / Manufacturer / Certificate data |
|-------------------------------------|--|
| <i>Safety Gear</i> | <i>OX-188/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0133/17</i> |
| | <i>OX-210A/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0134/17</i> |
| | <i>OX-210B/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0138/17</i> |
| | <i>AQ10/Hebei Dongfang Fuda Machinery Co., Ltd./772/IT/19.04.2017</i> |
| | <i>AQ11A/ Hebei Dongfang Fuda Machinery Co., Ltd./773/IT/26.04.2017</i> |
| | <i>AQ11B/Hebei Dongfang Fuda Machinery Co., Ltd./EU-SG 888</i> |
| | <i>AQ11C/Hebei Dongfang Fuda Machinery Co., Ltd./EU-SG 889</i> |
| | <i>AQ11D/Hebei Dongfang Fuda Machinery Co., Ltd./EU-SG 890</i> |
| <i>Overspeed Governor</i> | <i>XS3/Hebei Dongfang Fuda Machinery Co., Ltd./BSI-LG-510742</i> |
| | <i>XS1/Hebei Dongfang Fuda Machinery Co., Ltd./774/TE/26.07.2017</i> |
| | <i>OX-240/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0129/17</i> |
| | <i>OX-240F/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0130/17</i> |
| <i>Buffer</i> | <i>OH-80/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0132/17</i> |
| | <i>OH-210/Ningbo AODEPU Elevator Components Co., Ltd./ LF/KSA/A-C-0131/17</i> |
| | <i>YH66B/80/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-645564</i> |
| | <i>YH67B/175/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-645566</i> |
| | <i>YH68B/210/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-645568</i> |
| | <i>YH69B/275/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-645569</i> |
| | <i>YH70B/435/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-645570</i> |
| | <i>YH71A/80/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-662319</i> |
| | <i>YH72B/175/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-622214</i> |
| | <i>YH73A/210/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-622218</i> |
| | <i>YH74A/275/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-622221</i> |
| | <i>YH75A/435/HebeiDongfangFuda Machinery Co., Ltd./ BSI-LB-622222</i> |
| | <i>YH85/630/Hebei Dongfang Fuda Machinery Co., Ltd./ BSI-LB-574521</i> |



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**Annex B: Safety Components Specification
Belonging to Certificate Number: LIMB.0061**

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|---|--|
| <i>Landing Door Locking Device</i> | <i>MKG-161-01(2CO)/NBSL Elevator Components Co. Ltd/EU-DL 1021</i> |
| | <i>MKG-161-01(2S)/NBSL Elevator Components Co. Ltd/EU-DL 1042</i> |
| | <i>IL-32161-1/Ningbo Ouling Elevator Components Co., Ltd./LF/KSA/A-C-0093/16</i> |
| | <i>FEL-161A/Flying Technology Co., Ltd/LF/KSA/A-C-0106/17</i> |
| | <i>3201-HYDRA series of type 01/C ,3201-HYDRA EVO series of type 01/C , 3201-SCORPION series of type 01/C / WitturS.p.A/ATV 286/10</i> |
| | <i>3201-HYDRA series of type 11/_ , 3201-HYDRA EVO series of type 11/_ , 3201-SCORPION series of type 11/ / WitturS.p.A/ATV 285/10</i> |
| | <i>3215 AUGUSTA series of type 01/C, 3215 AUGUSTA EVO series of type 01/C / WitturS.p.A/ATV 616/5</i> |
| | <i>3215 AUGUSTA series of type 11/R-L , 3215 AUGUSTA EVO series of type 11/R-L / WitturS.p.A/ATV 617/4</i> |
| | <i>XTA-3A/Hangzhou Optimax Tech Co. Ltd. / SCMB.0110</i> |
| | <i>Ascending Car Overspeed Protection Means</i> |
| <i>PZD140/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 968</i> | |
| <i>FZD12A/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 991</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>DB3-2×650/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-27</i> | |
| <i>DB1-360-320/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-30</i> | |
| <i>DB1-445-530/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-31</i> | |
| <i>DB1-495-840/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-32</i> | |
| <i>DB1-495-920/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-33</i> | |
| <i>ZTW445-2×500/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-19</i> | |
| <i>ZTW445-2×600/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-05</i> | |
| <i>ZTW495-2×925/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-06</i> | |
| <i>ZTW500-2×1050/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-20</i> | |
| <i>ZTW500-2×1400/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-07</i> | |
| <i>ZTW630-2×1900/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-08</i> | |
| <i>ZTW/ Kinetek Desheng Motor Co., Ltd./ LF/KSA/A-C-0125/17</i> | |
| <i>ZTW630-2×1200/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-22</i> | |
| <i>ZTW630-2×2400/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-23</i> | |



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Annex B: Safety Components Specification

Belonging to Certificate Number: LIMB.0061

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|--|---|
| <i>Unintended Car Movement Protection Means(UCMP)</i> | <i>PZD220A/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 967</i> |
| | <i>PZD140/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 968</i> |
| | <i>FZD12A/Suzhou Torin Drive Equipment Co., Ltd./EU-BD 991</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>DB3-2×650/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-27</i> |
| | <i>DB1-360-320/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-30</i> |
| | <i>DB1-445-530/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-31</i> |
| | <i>DB1-495-840/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-32</i> |
| | <i>DB1-495-920/ Kinetek Desheng Motor Co., Ltd./ NL16-400-1002-179-33</i> |
| | <i>ZTW445-2×500/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-19</i> |
| | <i>ZTW445-2×600/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-05</i> |
| | <i>ZTW495-2×925/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-06</i> |
| | <i>ZTW500-2×1050/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-20</i> |
| | <i>ZTW500-2×1400/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-07</i> |
| | <i>ZTW630-2×1900/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-08</i> |
| | <i>ZTW/ Kinetek Desheng Motor Co., Ltd./ LF/KSA/A-C-0125/17</i> |
| | <i>ZTW630-2×1200/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-22</i> |
| | <i>ZTW630-2×2400/ Kinetek Desheng Motor Co., Ltd./ NL13-400-1002-179-23</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> | |



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