



ÉMI-TÜV

EU TYPE-EXAMINATION CERTIFICATE

According to Annex IV, Part B of 2014/33/EU Directive

Certificate No.:	F-0291/2019
Certification Body of the Notified Body:	ÉMI-TÜV SÜD Ltd. Dózsa György út 26. H-2000 Szentendre Identification No. 1417
Certificate Holder:	FUJI ELEVATOR (M) SDN BHD 72-1-22 ARENA CURVE JALAN MAHSURI 11900 BAYAN LEPAS, PENANG, MALAYSIA
Manufacturer of the Test Sample:	SJEC CORPORATION No. 718, Fengting Avenue, SIP, Suzhou, 215122, P.R.China No.28 Weixin Road, Ecological Hub, SIP, Suzhou, 215122, P.R.China.
Product:	Traction drive lift with separate machine room
Type:	S830
Directive:	2014/33/EU
Reference Standards:	EN 81-20:2014 EN 81-50:2014
Test report:	F-0208/2017 of 2017-09-01
Outcome:	The model lift conforms to the essential health and safety requirements of the mentioned Directive as long as the requirements of the annex of this certificate are kept.
Date of Issue:	2019-04-12



Kohajda István

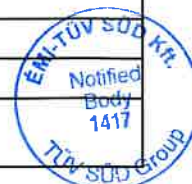
Kohajda, István
NB - 1417

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1.1 Technical data

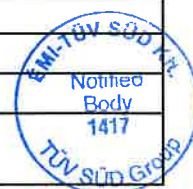
Lift-type:	S830					
Rated load (kg):	320	400	450	480	500	630
No. of passengers	4	5	6	6	6	8
Rated speed (m/s):	0.63 / 1.0	0.63 / 1.0 / 1.5 / 1.75				
Max. rise (m)	30 / 45 / 60 / 75					
Max. stops (floor)	11 / 16 / 22 / 27					
Location of the machine	In the shaft, top position					
Machine type	JTYC-3K JTYC-3E DIANA.1 ER2	JTYC-3K JTYC-3E DIANA.1 ER2 GTW2	JTYC-3K JTYC-3E DIANA.1 ER2 GTW2	JTYC-3K JTYC-3E DIANA.1 ER2 GTN1	JTYC-3K JTYC-3E DIANA.1 ER2 GTN1	JTYC-3K JTYC-3E DIANA.1 ER3 GTN1
Brake	JUD-23 DB SPZ800	JUD-23 DB SPZ800 DZE-14E	JUD-23 DB SPZ800 DZE-14E	JUD-23 DB SPZ800 PZD140	JUD-23 DB SPZ800 PZD140	JUD-23 DB SPZ800 PZD140
Controller type	NICE-L-C-40XX					
Diameter of Traction Sheave(mm)	Ø330 / Ø320 / Ø400 / Ø410					
Roping	1:1					
Suspension (see table 1.2)	8*19S+NF / 8*19S+IWRC / 8*19S+IWRF					
Groove type:	U-undercut groove					
Groove angle	30					
Undercut angle	90-95					
Counterweight balance	46% rated load ±4%					
Mass of Traveling cable (kg/m)	1.2					
Car weight (kg)	590-790	650-850		650-900	705-955	690-1040
Car width (mm)	800-850	800-1000			950-1000	1100
Car depth (mm)	1050	1200-1350			1400	1400
Car height (mm)	2000-2800					
Useful area of car (m²)	0.95	1.17	1.3	1.36	1.4	1.66
Door width (mm)	700 / 800 / 900					
Door height (mm)	2000 - 2100					
Guide rail of car	T89/B; T114/B					
Guide rail of CWT	TD58; TK5A					
Distance between guide shoes of the car(mm)	CH+650					
Distance between the guide shoes of the counterweight(mm)	2010					
Min. Headroom height(mm)	CH+1350 / 1500 / 1560					
Min. Pit depth(mm)	1200 / 1300 / 1350					
Overspeed governor	See table 1.5.2					
Safety gear	See table 1.4.					
Buffer	See table 1.3					
Door locking	See table 1.5.6					
Mass of compensation chain (kg/m)	See table 1.2					



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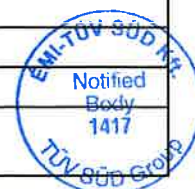
Lift-type:	S830			
Rated load (kg):	630	800	1000	1150
No. of passengers	8	10	13	15
Rated speed (m/s):	1.0 / 1.5 / 1.75	1.0 / 1.5 / 1.75 / 2.0	1.0 / 1.5 / 1.75	1.0 / 1.5 / 1.75
Max. rise (m)	40 / 60 / 75	40 / 60 / 75 / 100	40 / 60 / 75	40 / 60 / 75
Max. stops (floor)	16 / 22 / 27	16 / 22 / 27 / 37	16 / 22 / 27	16 / 22 / 27
Location of the machine	In machine room above shaft			
Machine type	GTN1 JTYB-3B GTW2	JTYB-3P, GTN1 MINI.4, GETM3.0H GETM3.5H JTYB-3B GTW2	JTYB-3P, GTN1 MINI.4, GETM3.0H GETM3.5H JTYB-3B GTW2	GTN1 WYJ250 WTYF250 JTYB-3B GTW2
Brake	PZD140 JUA-22 DZE-14E	JUA-23, PZD140 DB, DZD1-500 JUA-22 DZE-14E	JUA-23, PZD140 DB, DZD1-500 JUA-22 DZE-14E	PZD140 DZS JUA-22 DZE-14E
Controller type	NICE-L-C-40XX			
Diameter of Traction Sheave(mm)	Ø410 / Ø480 / Ø400 / Ø450			
Roping	2:1			
Suspension (see table 1.2)	8*19S+NF / 8*19S+IWRC / 8*19S+IWRF / 8*19S+NFC			
Groove type:	U-undercut groove			
Groove angle	25-30			
Undercut angle	90			
Counterweight balance	46% rated load ±4%			
Mass of Traveling cable (kg/m)	1.2			
Car weight (kg)	690-1040	900-1300	1100-1350	1250-1850
Car width (mm)	1000-1650	1000-2000	1100-2150	1150-2300
Car depth (mm)	1000-1650	1000-2000	1100-2150	1150-2300
Car height (mm)	2000-2800			
Useful area of car (m²)	1.66	2.0	2.4	2.7
Door width (mm)	600 / 700 / 800 / 900 / 1000 / 1100 / 1200 / 1300 / 1400			
Door height (mm)	2000 - 2400			
Guide rail of car	T89/B			
Guide rail of CWT	TD58; TK5A; T75/B			
Distance between guide shoes of the car(mm)	CH+1207 / CH+1631			
Distance between the guide shoes of the counterweight(mm)	3300 / 3100 / 3700			
Min. Headroom height(mm)	CH+1350 / 1500 / 1560 / 2000			
Min. Pit depth(mm)	1280 / 1350 / 1400 / 1450			
Overspeed governor	See table 1.5.2			
Safety gear	See table 1.4			
Buffer	See table 1.3			
Door locking	See table 1.5.6			
Mass of compensation chain (kg/m)	See table 1.2			



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Lift-type:	S830				
Rated load (kg):	1150	1250	1350	1600	2000
No. of passengers	15	16	18	21	26
Rated speed (m/s):	1.0 / 1.5 / 1.75				
Max. rise (m)	40 / 60 / 75				
Max. stops (floor)	16 / 22 / 27				
Location of the machine	In machine room above shaft				
Machine type	GTN1 WYJ250 WTYF250 JTYB-3B	GTN1 WYJ250 WTYF250		GTN2	
Brake	PZD140 DZS JUA-22	PZD140 DZS		PZD220	
Controller type	NICE-L-C-40XX				
Diameter of Traction Sheave (mm)	Ø410 / Ø480				
Roping	2:1				
Suspension (see table 1.2)	8*19S+NF / 8*19S+IWRF				
Groove type:	U-undercut groove				
Groove angle	30				
Undercut angle	92-95				
Counterweight balance	46% rated load ±4%				
Mass of Traveling cable (kg/m)	1.2				
Car weight (kg)	1250-1850	1350-2000	1450-2160	1750-2300	2200-2400
Car width (mm)	1150-2300	1200-2400	1250-2400	1350-2500	1400-2500
Car depth (mm)	1150-2300	1200-2400	1250-2400	1350-2500	1400-2500
Car height (mm)	2000 - 2800				
Useful area of car (m ²)	2.7	2.9	3.1	3.56	4.2
Door width (mm)	600 / 700 / 800 / 900 / 1000 / 1100 / 1200 / 1300 / 1400				
Door height (mm)	2000 - 2400				
Guide rail of car	T114/B				
Guide rail of CWT	T89/B; T75/B ; TK5A				
Distance between guide shoes of the car(mm)	CH+1391				
Distance between the guide shoes of the counterweight(mm)	2790 / 3190				
Min. Headroom height(mm)	CH+1800 / 1950 / 2050				
Min. Pit depth(mm)	1620 / 1720 / 1770				
Overspeed governor	See table 1.5.2				
Safety gear	See table 1.4				
Buffer	See table 1.3				
Door locking	See table 1.5.6				
Mass of compensation chain (kg/m)	See table 1.2				



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1.2 Parameters of ropes and compensation chains

Diameter	Rope construction	Mass of suspension rope(kg/m)	Min. breaking load (kN)
Φ8	8*19S+NF	0.222	28.1
	8*19S+IWRC	0.26	35.8
	8*19S+NFC	0.217	30.5
	8*19S+IWRF	0.259	35.2
Φ10	8*19S+NF	0.347	44
	8*19S+NFC	0.336	47.2
	8*19S+IWRF	0.405	55
Φ12	8*19S+NF	0.49	69.2
	8*19S+IWRF	0.583	84.2

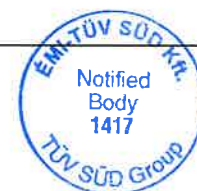
Capacity (kg)	Speed (m/s)	Ropes			Compensating chain	
		No. of Ropes	Diameter (mm)	Mass of suspension rope/per meter (kg/m)	No. of Compensating chain	Mass of Compensating chain/per meter (kg/m)
320	0.63/1.0	6	8	0.222	1	1.49
		5	8	0.26		
400	0.63/1.0	7	8	0.222		
		6	8	0.26		
	1.0/1.5/1.75	5	10	0.347		
		5	10	0.405		
450	0.63/1.0	8	8	0.222		
		6	8	0.26		
	1.0/1.5/1.75	5	10	0.347		
		5	10	0.405		
480	0.63/1.0	8	8	0.222		
		6	8	0.26		
	1.0/1.5/1.75	6	10	0.347		
		5	10	0.405		
500	0.63/1.0	8	8	0.222		
		7	8	0.26		
	1.0/1.5/1.75	6	10	0.347		
		5	10	0.405		
630	0.63/1.0	9	8	0.222		
		7	8	0.26		
	1.0/1.5/1.75	7	10	0.347		
		7	10	0.405		
		4	10	0.347		
		4	10	0.405		



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800	1.0/1.5	7	8	0.222	2	1.5
	1.75	7	8	0.259		
		7	8	0.217		
	1.0/1.5/1.75	5	10	0.347	1/2	3.72/3.8/1.5/2.03
	2.0	5	10	0.336	2	1.5/2.03
5		10	0.405	2	1.8	
1000	1.0/1.5	5	10	0.347	1	3.72/3.8
		7	8	0.222	2	1.5
	1.75	5	10	0.405	1/2	3.72/3.8/1.5/2.03
		7	8	0.259	2	1.5
		7	8	0.217		
	2.0	6	10	0.405	2	1.8
		5	10	0.336	2	1.5/2.03
		5	10	0.405		
1150	1.0/1.5	6	10	0.347	1	3.72/3.8
	1.75	6	10	0.405		
	1.0/1.5	7	10	0.347	2	2.23
	1.75	7	10	0.405		
1250	1.0/1.5	7	10	0.347	2	2.23
	1.75	7	10	0.405		
1350	1.0/1.5	7	10	0.347	2	2.23
	1.75	7	10	0.405		
1600	1.0/1.5	6	12	0.49	2	2.23
	1.75	6	12	0.583		
2000	1.0/1.5	6	12	0.49	2	2.23
	1.75	6	12	0.583		

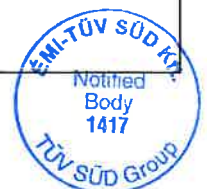


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1.3 Buffers

Type	Rated load (kg)	Number of buffer	Rated speed (m/s)
YH51/80	320-630	1	0.63/1.0
LSB10.A			
YHB/70	400-2000	1-2	1.0
YH71A/80			
HYF80B			
YH/80	800-2000		
LD-CE-01	320		
LD-CE-03	320-1600		
LD-CE-04	320-2000		
LD-HC-L12			
300 402 A	400-630		
300 419 A	800		
300 403 A	1150-1250		
300 404 A	1150-2000		
300 178 A	400-1000		
300 183 A	500-1000		
300 419 A	800		
YHB/160	400-2000	1-2	1.5
YH46/155	320-2000		
YHB/210	400-2000	1-2	1.75
HYF175A			
HYF210C1			
YH52/175			
YH53/220			
LSB 18.B			
YH47/207			
YH13/230	800-2000		
YHA/275	800-1000	1-2	2.0
HYF275E			
YH54/280			
YH4/270			
YH48/270			

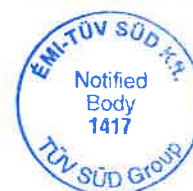


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1.4 Safety gear

Type	Rated load (kg)	Rated speed (m/s)
AQ1 (Oiled)	800-2000	0.63-2.5
AQ2 (Oiled)	1600-2000	0.63-2.5
AQ1 (Dry)	1350-2000	0.63-4.0
AQ2 (Dry)	3600-6000	0.63-4.0
AQ10A	800-3000	0.63-2.5
AQQ125-01	320-1350	0.63-2.5
WSGB04	630-2000	0.63-4.0
QJB2500	450-2000	0.63-2.5
AQ5Z (Dry)	450-2000	0.63-2.5
AQ5Z (Oiled)	450-2000	0.63-2.5
AQ32KB	450-1350	0.63-2.0



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1.5 List of applicable safety components

1.5.1 Safety gears

Type	Certificate No.	Notified Body	Permissible total mass of car and rated load (P+Q) [kg]	Max tripping speed [m/s]	Surface condition of guide rails	Manufacturer
AQ1	LF/KSA/A-C-0080/16	0437	1800-4500	3.23	Oiled	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD
AQ2	LF/KSA/A-C-0081/16	0437	3500-8000	3.23	Oiled	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD
AQ1	LF/KSA/A-C-0144/17	0437	1800-4500	5.06	Dry	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD
AQ2	LF/KSA/A-C-0147/17	0437	3600-6000	5.06	Dry	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD
AQ10A	LF/KSA/A-C-0126/17	0437	800-3000	3.23	Oiled / dry	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD.
AQQ125-01	EU-SG 1019	0036	785-2778	3.23	Oiled	NBSL Elevator Components Co., Ltd.
WSGB04	TUV-A-AT-1-03-114-CEFV-1	0408	1500-5000	7.54	Oiled	WITTUR Austria GmbH
QJB2500	EU-SG 950	0036	1200-6000	3.23	Oiled /dry	Hangzhou Huning Elevator Parts Co., Ltd
AQ5Z	LF/KSA/A-C-0095/16	0437	1200-4500	3.23	Dry	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD.
AQ5Z	LF/KSA/A-C-0082/16	0437	1200-5000	3.23	Oiled	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD.
AQ32KB	LF/KSA/A-C-0103/16	0437	1200-2800	2.62	Oiled /dry	SHIJIAZHUANG TONG'AN MACHINERY CO., LTD.



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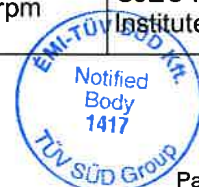


1.5.2 Overspeed governor

Type	Certificate No.	Notified Body	Rated speed [m/s]	Max Tripping speed [m/s]	Remark	Manufacturer
XS1	LF/KSA/A-C-0094/ 16	0437	4.0	5.03		SHIJIAZHUA NG TONG'AN MACHINERY CO., LTD
XSQ115-02	EU-OG 263	0036	3.09	3.55	rope diameter: 6 – 8 mm	NBSL Elevator Components Co., Ltd
XSQ115-12	EU-OG 245	0036	3.09	3.55	rope diameter: 6 – 8 mm	NBSL Elevator Components Co., Ltd
XSQ115- 13	EU-OG 276	0036	2.5	3.34	rope diameter: 6 – 8 mm	NBSL Elevator Components Co., Ltd
XS200	LF/KSA/A- C-0084/ 16	0437	1.5	1.92		SHIJIAZHANG TONG'AN MACHINERY CO., LTD
XS250	LF/KSA/A- C-0083/ 16	0437	1.75	2.25		SHIJIAZHANG TONG'AN MACHINERY CO., LTD

1.5.3 Ascending car overspeed protection against upward direction

Type	Certificate No.	Notified Body	Permissible total weight [kg] or brake torque [Nm]	Max. tripping rotary speed of the traction sheave [rpm] or max tripping speed [m/s]	Manufacturer
SPZ800	EU-BD 898	0036	2050	280 rpm	Suzhou Torin Drive Equipment Co., Ltd
DB	SCMB.0061	1128	1420	5.06 m/s	Ningbo Xinda Elevator Accessories Co., Ltd
JUD-23	EU-BD 994	0036	1560	385 rpm	SJEC Research Institute Co., Ltd
JUD-23	EU-BD 997	0036	1560	385 rpm	SJEC Research Institute Co., Ltd
JUD-23	EU-BD 1000	0036	1560	385 rpm	SJEC Research Institute Co., Ltd
JUD-23	NL17-400-1002-241-01	0400	1500	385 rpm	SJEC Research Institute Co., Ltd



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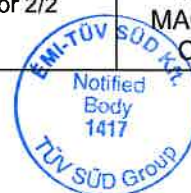
JUA-22	EU-BD 993	0036	1620	245 rpm	SJEC Research Institute Co., Ltd
JUA-22	EU-BD 996	0036	1620	245 rpm	SJEC Research Institute Co., Ltd
JUA-22	EU-BD 999	0036	1620	245 rpm	SJEC Research Institute Co., Ltd
JUA-23	EU-BD 1010	0036	1964	302 rpm	SJEC Research Institute Co., Ltd
DZE-14E	EU-BD 901	0036	2175	300 rpm	Suzhou Torin Drive Equipment Co., Ltd
PZD140	EU-BD 968	0036	3200	404 rpm	Suzhou Torin Drive Equipment Co., Ltd
PZD220	EU-BD 878	0036	4100	405 rpm	Suzhou Torin Drive Equipment Co., Ltd
DZS	SCMC2.0054	1128	4400	3.83m/s	Ningbo Xinda Elevator Accessories Co., Ltd.
DZS	SCMC2.0055	1128	2800	3.83m/s	Ningbo Xinda Elevator Accessories Co., Ltd.
DZD1-500	EU-BD 1025	0036	1336-2000	223-274 rpm	Zhejiang Xizi Forvorda Electrical Machinery Co.,Ltd

1.5.4 Unintended Car Movement protection system

Type	Certificate No.	Notified Body	Technical parameters	Manufacturer
UCMP	F-0209/2017	1417	See Annex of the certificate for UCM protection device	SJEC Corporation

1.5.5 Buffer

Type	Certificate No.	Notified Body	Permissible total weight [kg]	Max. impact speed [m/s]	Number of buffer car / counterweight	Manufacturer
YH/80	LF/KSA/A-C-0109/17	0437	900-4250	1.0	1/1 or 2/2	SHIJIAZHUANG TONG'AN MACHINERY CO.,LTD
YHB/210	LF/KSA/A- C-0087/16	0437	600-3500	2.01	1/1 or 2/2	SHIJIAZHUANG TONG'AN MACHINERY CO.,LTD

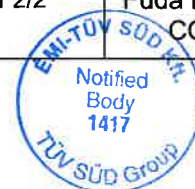


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YHB/70	LF/KSA/A- C-0085/16	0437	600-3500	1.15	1/1 or 2/2	SHIJIAZHUANG TONG'AN MACHINERY CO.,LTD
YHB/160	LF/KSA/A- C-0086/16	0437	600-3500	1.72	1/1 or 2/2	SHIJIAZHUANG TONG'AN MACHINERY CO.,LTD
YHA/275	LF/KSA/A- C-0088/16	0437	860-3500	2.3	1/1 or 2/2	SHIJIAZHUANG TONG'AN MACHINERY CO.,LTD
HYF80B	EU-B 061	0036	600-3000	1.15	1/1 or 2/2	Hangzhou Huning Elevator Parts Co., Ltd
HYF175A	EU-B 062	0036	700-3000	1.84	1/1 or 2/2	Hangzhou Huning Elevator Parts Co., Ltd
HYF210C1	EU-B 067	0036	600-3500	2.01	1/1 or 2/2	Hangzhou Huning Elevator Parts Co., Ltd
HYF275E	EU-B 068	0036	860-3500	2.3	1/1 or 2/2	Hangzhou Huning Elevator Parts Co., Ltd
YH51/80	289/8488991	0086	500-4545	1.15	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH52/175	289/8488991	0086	600-4545	1.84	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH53/220	289/8488991	0086	600-4545	2.07	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH54/280	289/8488991	0086	600-4545	2.34	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH46/155	289/8622462	0086	400-3500	1.73	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH71A/80	289/8622462	0086	600-3500	1.15	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH4/270	289/8498382	0086	900-4250	2.0	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH13/230	289/8498382	0086	900-4000	1.75	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd



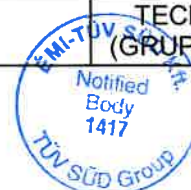
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YH47/207	289/8498382	0086	250-3500	1.75	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
YH48/270	289/8498382	0086	400-3500	2.0	1/1 or 2/2	Hebei Dongfang Fuda Machinery CO., Ltd
LSB 10.A	289/8441066	0086	380-3250	1.150	1/1 or 2/2	Oleo
LSB 16.B	289/8441066	0086	450-3250	1.840	1/1 or 2/2	Oleo
LSB 18.B	289/8441066	0086	450-3250	2.070	1/1 or 2/2	Oleo
300 402 A	44 20812019093	0044	650-1600	1	1/1 or 2/2	ACLA
300 419 A	44 20812019095	0044	820-2000	1	1/1 or 2/2	ACLA
300 403 A	44 20812019097	0044	1200-2600	1	1/1 or 2/2	ACLA
300 404A	44 20812019098	0044	2300-4200	1	1/1 or 2/2	ACLA
300 178 A	44 20812019094	0044	600-2100	1	1/1 or 2/2	ACLA
300 183 A	44 20812019096	0044	700-2200	1	1/1 or 2/2	ACLA
LD-CE-01 (HC-A-L01)	LF/KSA/ A-C-0140/17	0437	230-1000	1.0	1/1 or 2/2	SHANGHAI GREEN SHIELD PLASTIC & RUBBER CO.,LTD
LD-CE-03	LF/KSA/AC-0142/17	0437	650-3500	1.0	1/1 or 2/2	SHANGHAI GREEN SHIELD PLASTIC & RUBBER CO.,LTD
LD-CE-04	LF/KSA/AC-0143/17	0437	800-5000	1.0	1/1 or 2/2	SHANGHAI GREEN SHIELD PLASTIC & RUBBER CO.,LTD
LD-HC-L12	LF/KSA/AC-0141/17	0437	800-4800	1.0	1/1 or 2/2	SHANGHAI GREEN SHIELD PLASTIC & RUBBER CO.,LTD

1.5.6 Locking device for landing doors

Type	Certificate- No.	Notified Body	Type of landing doors	Manufacturer
MKG161- 01	EU-DL 1021	0036	Two panels central opening landing door	NBSL Elevator Components Co., Ltd
MKG161- 01(2S)	EU-DL 1042	0036	Two panels side opening landing door	NBSL Elevator Components Co., Ltd
210/10/40	SCMB.0053	1128		Shanghai BST door system CO.LTD
210/10/40	ES025684-1035	1035	40/10 automatic doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
265/11/50	ES025684-1035	1035	50/11 automatic doors	TECNOLAMA,S.A. (GRUPO FERMATOR)



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LB	ES025684-1035	1035	LB automatic doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
S7550	ES025684-1035	1035	Semi-automatic doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
160/10/40	ES025684-1035	1035	Compact doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
Robusta	ES025684-1035	1035	Robusta doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
Premium	ES025684-1035	1035	Premium doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
Smart	ES025684-1035	1035	Smart doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
Platinum	ES025684-1035	1035	Platinum doors	TECNOLAMA,S.A. (GRUPO FERMATOR)
IL32161/IL-32161-1	LF/KSA/A-C-0093/16	0437	Automatic central and side opening landing doors	NINGBO OULING ELEVATOR COMPONENTS CO., LTD
3201-HYDRA series of type 31/_	ATV 299/6	0036	Horizontally moved, side opening, power operated, telescopic sliding landing doors with three panels	Wittur S.p.A.
3201-SCORPION series of type 31/_	ATV 299/6	0036	Horizontally moved, side opening, power operated, telescopic sliding landing doors with three panels	Wittur S.p.A.
3201-HYDRA series of type 01/C	ATV 286/10	0036	Horizontally moved, centre opening, power operated sliding landing doors with two panels	Wittur S.p.A.
3201-SCORPION series of type 01/C	ATV 286/10	0036	Horizontally moved, centre opening, power operated sliding landing doors with two panels	Wittur S.p.A.
3201-HYDRA series of type 61/C	ATV 319/6	0036	Horizontally moved, centre opening, power operated, telescopic sliding landing doors with six panels	Wittur S.p.A.
3201-SCORPION series of type 61/C	ATV 319/6	0036	Horizontally moved, centre opening, power operated, telescopic sliding landing doors with six panels	Wittur S.p.A.
3201-HYDRA series of type 61/E	ATV 319/6	0036	Horizontally moved, centre opening, power operated, telescopic sliding landing doors with six panels	Wittur S.p.A.
3201-SCORPION series of type 61/E	ATV 319/6	0036	Horizontally moved, centre opening, power operated, telescopic sliding landing doors with six panels	Wittur S.p.A.



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3215- AUGUSTA series of type 01/C	ATV 616/5	0036	Horizontally moved, centre opening, power operated sliding landing doors with two panels	Wittur S.p.A.
3215- AUGUSTA series of type 11/R-L	ATV 617/4	0036	Horizontally moved, side opening, power operated telescopic sliding landing doors with two panels	Wittur S.p.A.
3201-HYDRA series of type 11/_	ATV285/10	0036	Horizontally moved, side opening, power operated telescopic sliding landing doors with two panels	Wittur S.p.A.
3201-SCORPION series of type 11/_	ATV285/10	0036	Horizontally moved, side opening, power operated telescopic sliding landing doors with two panels	Wittur S.p.A.
3201-HYDRA series of type 41/C and type 41/E	ATV295/7	0036	Horizontally moved, centre opening, power operated telescopic sliding landing doors with four panels	Wittur S.p.A.
3201-SCORPION series of type 41/C and type	ATV295/7	0036	Horizontally moved, centre opening, power operated telescopic sliding landing doors with four panels	Wittur S.p.A.
3201- TAURUS series of type 01/C	ATV557/2	0036	Horizontally moved, centre opening, power operated sliding landing doors with two panels	Wittur S.p.A.
3201- PEGASUS series of type 01/C	ATV557/2	0036	Horizontally moved, centre opening, power operated sliding landing doors with two panels	Wittur S.p.A.
3201- TAURUS series of type 11/_	ATV559/1	0036	Horizontally moved, side opening, power operated telescopic sliding landing doors with two panels	Wittur S.p.A.
3201- PEGASUS series of type 11/_	ATV559/1	0036	Horizontally moved, side opening, power operated telescopic sliding landing doors with two panels	Wittur S.p.A.

1.5.7 Safety circuits containing electronic components and/or programmable electronic system (PESSRAL)

Type	Certificate No.	Notified Body	Manufacturer
LSP01	F-0179/2017	1417	SJEC Corporation



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Conditions

- 2.1 The following documents have to be kept at the place of operation:
- Operation instruction
 - Wiring diagram
 - System drawings (lift specific)
 - EU-type examination of all safety components with annex.
- 2.2 When required the inspection log book has to be submitted to the inspector of the inspection body or to the maintenance personnel.
- 2.3 The operating panel must be accessible at any time.
- It shall not be located e.g. within private areas with restricted access.
 - The operating panel shall be directly behind the door of the cabinet.
 - It must be possible to open the door at least 95°.
 - A clear horizontal area of at least 50 cm x 70 cm is required in front (central) of the controller, it shall be protected against weather effects and shall be kept free. This shall not be affected by through-traffic.
- This area shall not affect escape routes.
- 2.4 The operating panel preferably shall be located in the top floor; it shall be in hearing distance and in range of vision of the corresponding landing.
- The operating panel can be located outside the hearing distance and range of vision of the corresponding landing door under the following conditions.
- Free access between the operating panel and the hoist way access.
 - Car movements shall be indicated by a display inside the cabinet of the operating panel.
 - The max. speed of the car movement with open brake shall be restricted.
 - An audio connection in accordance with EN 81-20:2014 between the cabinet of the operating panel and the car shall be available.
 - The cable length to the hoist way shall be limited (proposed max. length 12 m)
 - The assignment of the cabinet to the lift shall be clearly and permanent.
 - The location of the cabinet shall be easy and clearly described (for with the area unfamiliar people) at the corresponding landing
- 2.5 It shall be possible to illuminate the area in front of the operating panel with a switchable light. (at least 200 lux)
- 2.6 The ladder to the pit has to be in accordance with EN 81-20:2014, clause 5.2.2.5 d) to f).



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3 Remarks

- 3.1 The car area can deviate by $\pm 5\%$ from the car area in accordance with EN 81-20:2014, clause 5.4.2.
- 3.2 In order to place the lift on the market, the requirements outlined in Directive 2014/33/EU Article 16 must be met (Conformity Assessment Procedure).
- 3.3 In cases involving changes of or deviations from the inspected model lift which are not included in section 1: "Scope of application", the notified body must either subject the lift to individual tests as per Annex VIII or extend the scope of application.
- 3.4 The requirements of the EC Member States must be observed (e. g. well ventilation, fire protection, user-panel suitable for handicapped people), when the lift is being installed in a building.
- 3.5 The following documents must be enclosed with the technical documentation of each lift as a minimum requirement:
- EU-type examination certificate no. F-0291/2019 dated 2019-04-12 with this annex.
 - The corresponding certification drawings with certification stamp dated 2019-04-12.
 - Operation instruction
 - Drawings of the lift system
 - Wiring diagram with references to system-specific options
- 3.6 If cars with glass walls or landing and/or car doors with door panels made of glass are used, the requirements outlined in EN 81-50:2014, clause 5.14., must be observed or proof of successfully completed pendulum shock tests as per EN 81-50:2014, clause 5.14., must be enclosed with the technical documentation.
- 3.7 This EU-type examination certificate is based on the state of the technology which is documented by the harmonised norms valid at the moment. By changes or supplements of these norms or with advancement of the state of the technology a reworking can become necessary.
- 3.8 The temperature in the lift well must be ensured between $+5^{\circ}\text{C}$ and $+40^{\circ}\text{C}$.
- 3.9 The EU-type examination certificate may be used only in connection with the pertinent annex.

