



VERIFICATION

No. 3N240112.LSE0D37

Test Report / Technical Construction File no. EASY240004lift

Verification's
Holder:

LSE ELEVATOR CO., LTD.
Room JT19232, 912 Yecheng Road, Jiading District Industrial
Zone, Shanghai, China

Verification
ECM Mark:



Product: Passenger elevator without machine room
Trademark: LSE ELEVATOR
Model(s): LSE-5000MRL
(Parameters can be found in the attachment)

Verification to: Standard:
EN 81-20:2020, EN 81-50:2020

related to CE Directive(s):
2014/33/EU (Lifts)

This document has been issued in accordance with the European Commission's note of 14 September 2022 ref. Ares (2022) 6342894 concerning voluntary certifications with non-notified procedure and for products intended for third countries outside the EU market.

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directives. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. The above conformity mark can be affixed to the technical documentation in accordance with the ECM regulation on its issue and use, published on the website www.entecerma.it

Issuance date: 12 January 2024

Expiry date: 11 January 2029

For online check:



Approver
Ente Certificazione Macchine
Legal Representative
Luca Bedonni



Ente Certificazione Macchine Srl

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Annex I

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Technical specifications	Parameters/Range				
Type of lift	LSE-5000MRL				
Product	Passenger elevator without machine room				
Type of driving system	Traction				
Rated load(kg)	450	550	630	800	900
Car weight(kg)	1000	1020	1050	1250	1300
Number of persons	6	7	8	10	12
Car width(mm)	1000	1000	1100	1350	1450
Car depth(mm)	1100	1250	1400	1400	1400
Useful area of the car max.(m²)	1.1	1.25	1.54	1.89	2.03
Door width(mm)	800				900
Door height(mm)	2100				
Max. travel height(m)	90				
Max.number of stops	16		30		
Max.number of accesses to the car	2				
Counterweight balance	47.5±2.5				
Max.rated speed(m/s)	1.75		2.0		
Traction machine	Mona200A, GETM1.9	MONA320, MONA400, GETM3.2D, GETM3.0G GETM2.0T, GETM3.5T			
Position of the traction machine(gearless)	overhead				
Controller	Full selective collective control (NICE 3000, SC1002-C)				
Min.breaking load of suspension ropes(N)	28100				
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door				
Guide rails car	T75-3/B	T75-3/B	T75-3/B	T75-3/B or T89/B	
Guide rails counterweight	TK5A				
Max.distance between guide brackets(mm)	2500				
Number of suspension ropes	4		5		
Diameter of suspension ropes(mm)	Φ8		Φ10		
Suspension Type(Ratio)	2:1				
Compensation Chain	Available				
Diameter of speed governor rope(mm)	6.3		6.3 or 8		
Min.breaking load of governor rope(N)	21200 or 28100				
Wrapping angle(°)	Min.164.2				
Groove type	Semi-circular undercut				
Undercut angle β(°)	96				
angle β(°)	35				
Min.overhead(mm)	3950(1.0m/s), 4300(1.5m/s, 1.75m/s) ,4800(2.0m/s)				
Min.pit(mm)	1300(1m/s), 1400(1.5m/s, 1.75m/s), 1800(2.0m/s)				
Distance between guide shoes of cabin(mm)	1148	1193	1193	1493	1593
Distance between guide shoes of counterweight(mm)	550	700			

Rated load(kg)	1000	1150	1250	1350	1600	2000
Car weight(kg)	1350	1625	1850	1900	1950	2250
Number of persons	13	15	16	18	21	26
Car width(mm)	1600	1700	1700	1800	2000	2000
Car depth(mm)	1400	1550	1650	1650	1750	2000
Useful area of the car max.(m²)	2.4	2.65	2.95	3.1	3.56	4.2
Door width(mm)	900	1100				
Door height(mm)	2100					
Max. travel height(m)	125					
Max.number of stops	32					
Max.number of accesses to the car	2					
Counterweight balance	47.5±2.5					
Max.rated speed(m/s)	2.5					
Traction machine	MONA320, MONA400 GETM3.2D GETM3.5T	MCK500,MONA320,MONA400 GETM3.5D, GETM6.0H, GETM5.0T				
Position of the traction machine(gearless)	overhead					
Controller	Full selective collective control (NICE 3000, SC1002-C)					
Min.breaking load of suspension ropes(N)	44000					
Type of Doors	Automatic power operated central opening door or Automatic power operated side opening door					
Guide rails car	T89	T114 T127-2/B				
Guide rails counterweight	TK5A	T75-3/B				
Max.distance between guide brackets(mm)	2500/2000					
Number of suspension ropes	5/6	8				
Diameter of suspension ropes(mm)	Φ10					
Suspension Type(ratio)	2:1					
Diameter of speed governor rope(mm)	6.3 or 8					
Min.breaking load of governor rope(N)	21200 or 28100					
Wrapping angle(°)	180					
Groove type	Semi-circular undercut					
Undercut angle β(°)	96					
angle β(°)	35					
Min.Overhead(mm)	3950(1.0m/s), 4300(1.5m/s, 1.75m/s) 4800(2.0m/s) 5000(2.5m/s)	4450(1.0m/s), 4550(1.5m/s, 1.75m/s) 4800(2.0m/s) 5000(2.5m/s)				
Min.pit(mm)	1350(1m/s) 1400(1.5m/s, 1.75m/s) 1800(2.0m/s) 2050(2.5m/s)	1500(1m/s) 1700(1.5m/s, 1.75m/s) 1800(2.0m/s) 2050(2.5m/s)				
Distance between guide shoes of cabin(mm)	1693	1843	1843	1943	2143	2343
Distance between guide shoes of counterweight(mm)	700	850				