检 测
CNAS L0454

2011000708Z

(2011)国认监认字(134)号

Special Equipment Type Test Report

Report No. T3-F35-12-033

NOTICE

1. Each type test certificate issued by National Elevator Inspection and Testing Center (abbreviation: NETEC), is corresponding to one type test report. The issue of type test certificate is based on the test conclusions of type test report.
2. Type test report is invalid without stamping the *Test Report Specialized Stamp* or issue date.
3. Type test certificate is invalid without stamping the *Test Report Specialized Stamp* or issue date.
4. Type test report is invalid without signatures of relative verification and approval.
5. Type test report or certificate can not be reproduced except in full, without written approval of NETEC.
6. Type test report or certificate including annex is invalid if

Name of product	Electromagnetic overspeed protection mechanism
Model of product	DZE
Type of application	Overspeed governor, brake acting on the traction sheave directly
Serial No. of sample	12E00412
Production date	2012-06
Applicable type of speed monitoring device	Overspeed governor
Tripping speed range of the speed monitoring device	Overspeed: 0.50m/s~5.37m/s
Rated speed range of elevator	0.50m/s~4.00m/s
Speed range of the braked components when the mechanism is the speed monitoring device	1.50m/s~14.39m/s (corresponding tripping speed range of overspeed: 1.75m/s~6.71m/s)
System total mass range	1450kg~7800kg
Name	Shenyang Bluelight Drive Technology Co., Ltd.
Address	No.37 Shiji Road, Hunnan New District, Shenyang, Liaoning
Manufacturer	
Name	Shenyang Bluelight Drive Technology Co., Ltd.
Address	No.37 Shiji Road, Hunnan New District, Shenyang, Liaoning
Sample No.	/
Sample state	No abnormal
Test item	All application items
Receiving date	/
Test date	2012-05-29
Test category	Type test
Test place	No. 28 Weixin Road, SIP, Suzhou, Jiangsu
Test condition	Temperature: 22℃~23℃; relative humidity: 65%~70%
Test basis	Rules for Type Test of Elevators (tryout) Rules for the Test of Electromechanical Overspeed Protection Mechanism of Passenger and Freight Elevators (Part 1 of 2) EN 81-1:1998 Safety Rules for the Construction and Installation of Electric Lifts
Test conclusion	The type test is certificated.
Note	Issued date of the Chinese version: June 28, 2012

Issued by:

Reviewed by:

Approved by:

SAMPLE'S MAIN TECHNICAL PARAMETERS AND CONFIGURATION

Model and name	DZE Lift ascending car overspeed protection means				
Applicable work environment	Indoor				
Speed monitoring device	Name	Overspeed governor			
	Tripping speed range	Standard: 0.58m/s~0.73m/s			
	System total mass range	1450kg~7800kg	Car mass range	500kg~3000kg	
	Type of the brake components	Traction machine brake	Rated load range	450kg~2000kg	
Speed reducing element	Balance coefficient range	0.40~0.50	Suspension ratio	2:1	
	Speed range of the braked components when the means acts	1.50m/s~4.39m/s (corresponding tripping speed of the speed monitoring device)			

Steel wire rope brake	Name	/	Installation position	/	
	Model	/	Rope number	/	
	Model and diameter of the ropes	/			
	Tripping mode	/	Reset mode	/	
	Tripping force	/	Tripping travel	/	
Safety gears installed on car or counterweight	Name	/	Model	/	
	Installation position	/	Tripping mode	/	
	Model of applicable guide rails	/	Working face width or guide rail	/	
	Surface appearance of guide rails	/	Lubrication appearance of guide rails	/	

Model	DZE-DZE				
Installation position	Traction machine	Brake acting on	Structure type	Two sets, block type	
Tripping mode	Electrical	Action position	Traction sheave		
Diameter of brake	600mm	Pitch diameter of traction sheave	480mm		
Compensation chain or rope used		Use of compensation chains or ropes			
Name	Overspeed governor	Components used in accordance with GB7588 Annex F3, F4 and F6			
Parameter range	Rated speed: 0.50m/s~4.00m/s				

1 Test items and test results

No.	Item No.	Test items	Test results	Conclusion
1	1.1	Composing of ascending car overspeed protection me[illegible]	Overspeed governor-brake	Pass
		Position added on by [illegible]		

2.1 The maximum value condition of influential parameters

Product model	DZE		
Rated load	2000kg	System total mass	7000kg(including steel ropes, compensating chains, etc)
Car mass	3000kg	Balancing coefficient	0.50
Rated speed	4.00m/s	Tripping speed	5.57m/s

Item / Time	Tripping speed m/s	Maximum retardation m/s^2	Brake distance m
1	5.364	2.162	3.704
2	5.349	2.166	3.680
3	5.370	2.147	3.755
4	5.367	2.210	3.680

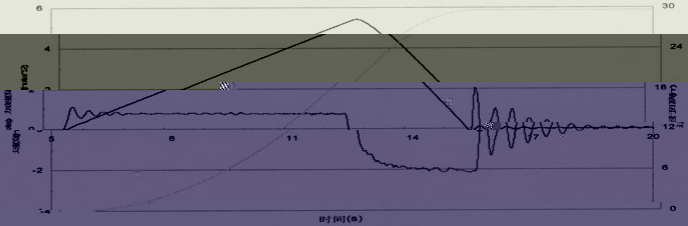
2.2 The minimum value condition of influential parameters

Product model	DZE		
Rated load	450kg	System total mass	1450kg(including steel ropes, compensating chains, etc)
Car mass	500kg	Balancing coefficient	0.40
Rated speed	0.50m/s	Tripping speed	0.58m/s

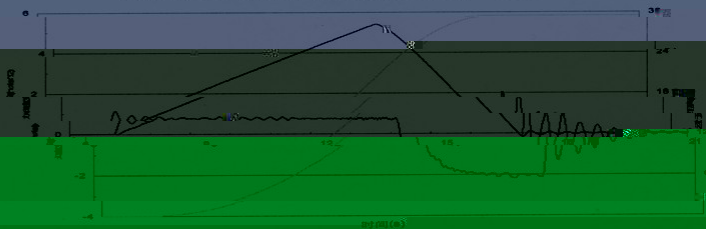
Item / Time	Tripping speed	Maximum retardation	Brake distance

Appendix1 Test charts

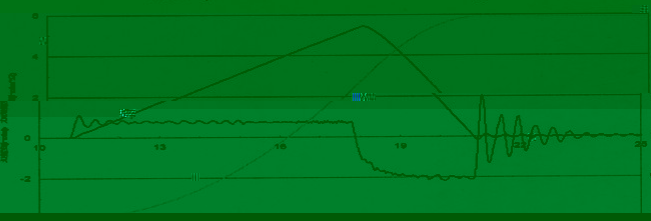
Rated speed: 4.00m/s Rated load: 2000kg First



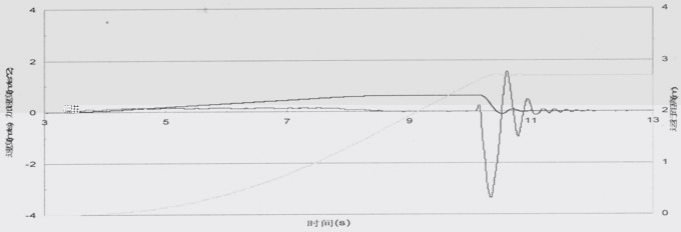
Rated speed: 4.00m/s Rated load: 2000kg Second



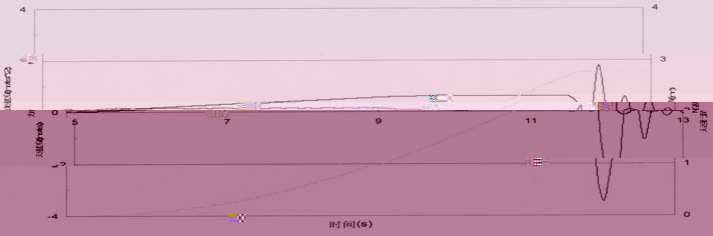
Rated speed: 4.00m/s Rated load: 2000kg Third



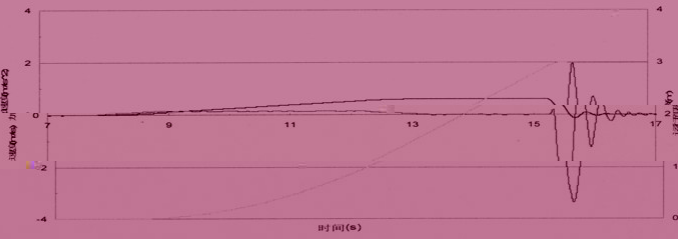
Rated speed: 0.50m/s Rated load: 450kg First



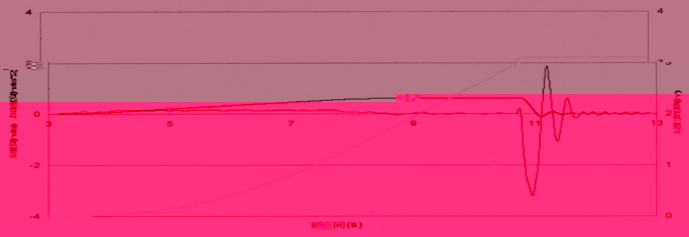
Rated speed: 0.50m/s Rated load: 450kg Second



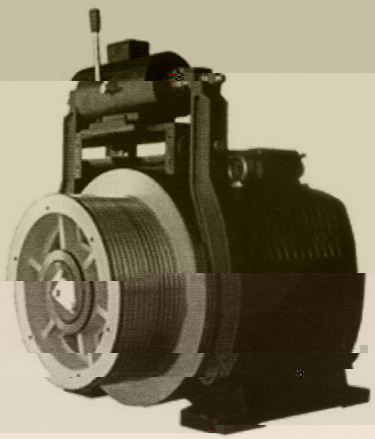
Rated speed: 0.50m/s Rated load: 450kg Third

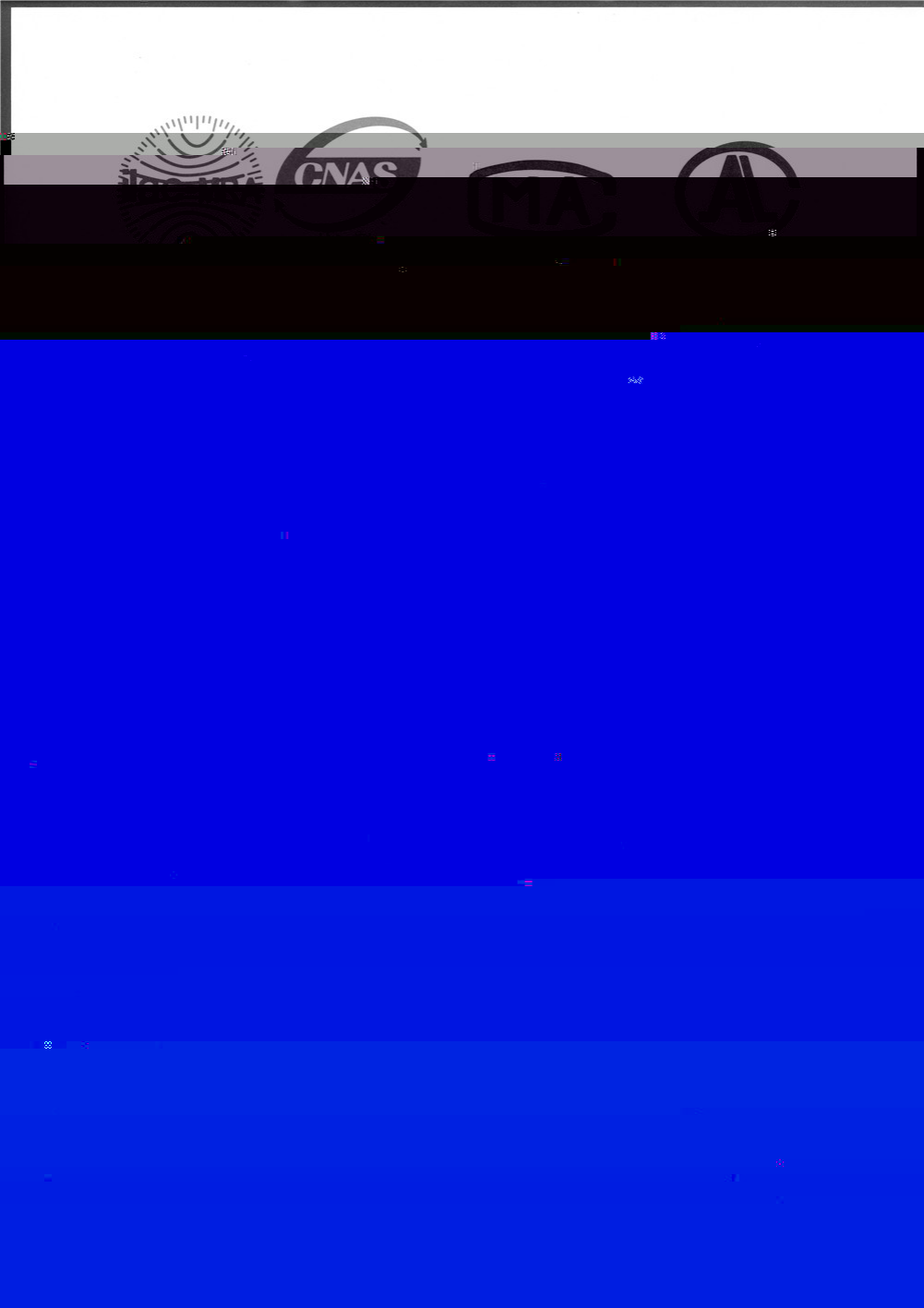


Rated speed: 0.50m/s Rated load: 450kg Fourth



Appendix 2 Sample photo





Annex

Configuration of Lift Ascending Car Overspeed Protection Means

No. TX F350-003-12 0033

Structure type	Two sets, block type	Applicable environment	Indoor
Tripping mode	Electrical	Installation position	Traction machine
Action position	Traction sheave		

Issue date: 2012-07-16

Issued date of the Chinese version: June 28, 2012