CNAS L0454

2011000708Z

(2011)国认监认字(134)号

Special Equipment Type Test Report

Report No. T3-F35-12-033

Category of Equipment: Safety Protection Component

Type of Equipment: Lift Ascending Car Overspeed Protection Means

Name of Product: Lift Ascending Car Overspeed Protection Means

Model of Product: DZE

Applicant: Shenyang

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 proof test, 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

Name of product	Lift safe ending car overspeed protection means
Model of product	DZE
Type of application	Overspeed governor - brake acting on the traction sheave directly
Serial No. of sample	1260412
Production date	2012-05
Applicable type of speed monitoring device	Overspeed governor
Tripping speed range of the speed monitoring device	Standard: 0.3m/s~0.57m/s
Rated speed range of elevator	0.50m/s~4.00m/s
Speed range of the braked components when the mechanism acts the speed monitoring device	1.50m/s~14.39m/s (corresponding tripping speed range of
System total mass range	1450kg~7800kg
Name	Shenyang Huilong Drive Technology Co., Ltd.
Applicant	Address: No.37 Shiji Road, Hunnan New District, Shenyang, Liaon
Name	Shenyang Bluelight Drive Technology Co., Ltd.
Manufacturer	Address: No.37 Shiji Road, Hunnan New District, Shenya
ing	
rig, Liaoning	
/	Receiving date: / — Sample No.
No abnormal	Test date: 2012-05-29 — Sample state
All application items	Test category: Type test — Test item
	Test place: No. 28 Weixin Road, SIP, Suzhou, Jiangsu
	Test condition: Temperature:22℃~23℃, relative humidity: 65%~70%
	Rules for Type Test of Elevators (tryout)
st Protection Means (tryout)	Rules for Type Test of Car Overspeed Governor
on and Installation of Lifts- Part 1:	Test basis: EN 81-1:1998 Safety Rules for the Construction Electric Lifts
	The type test is certificated.
Issued date: 2012	Test conclusion
	Note: Issued date of the Chinese version: June 28

SAMPLE'S MAIN TECHNICAL PARAMETERS AND CONFIGURATION

Model and name	DZE...	Elevator according to overspeed protection means			
Applicable work environment	Indoor				
Speed monitoring device	Name	Overspeed governor			
	Tripping speed range	Standard: 0.58m/s~5.57m/s			
	System total mass range	1450kg~7800kg	Car mass range	500kg~3000kg	
	Type of the brake components	Traction machine brake	Rated load range	1450kg~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	1.150m/s~1.438m/s (corresponding tripping speed range 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 of guide rails	/	
	Surface appearance of guide rails	/	Lubrication appearance of guide rails	/	
	Name	Brake	Model	DZE...	
Traction machine	Brake acting on	Structure type	Two sets of block type	Installation position	
	Driving mode	Electrical	Brake acting on rotating sheave or sheave shaft	Actuator position	Traction sheave
	Diameter of brake	362mm	Pitch diameter of traction sheave	480mm	
	Use of compensation chains or ropes				
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 means	Overspeed governor-brake	Pass
		Position acted on by the speed reducing		

2 Ascending car overspeed protection means test data

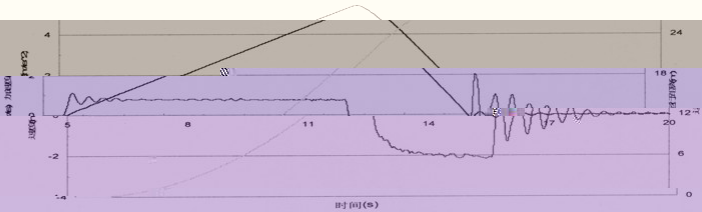
2.1 The maximum value condition of influential parameters

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

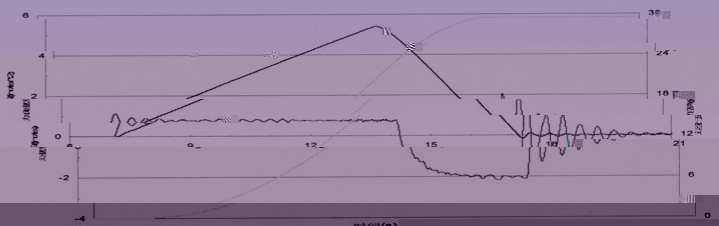
Item	Tripping speed	Maximum retardation	Brake dis

Appendix1 Test charts

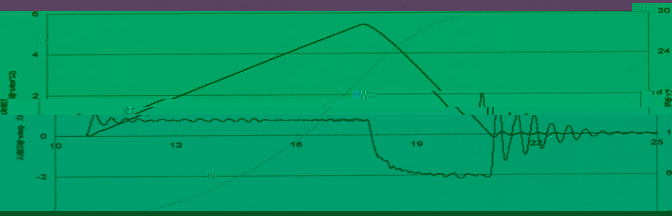
Rated speed: 4.00m/s Rated load: 2000kg First



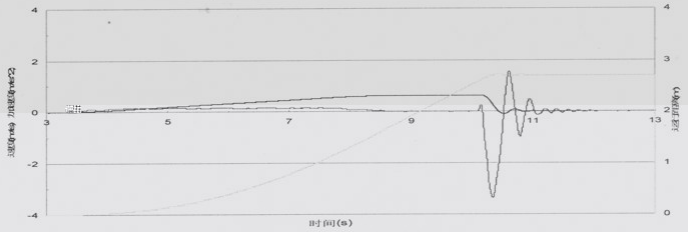
Rated speed: 4.00m/s Rated load: 2000kg Second



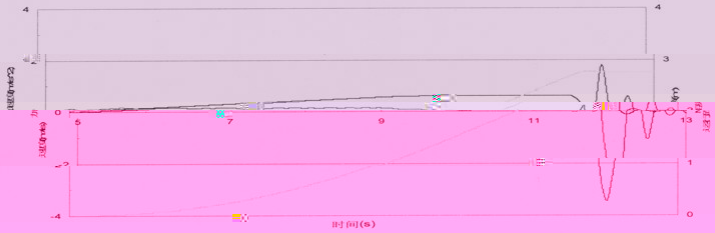
Rated speed: 4.00m/s Rated load: 2000kg Third



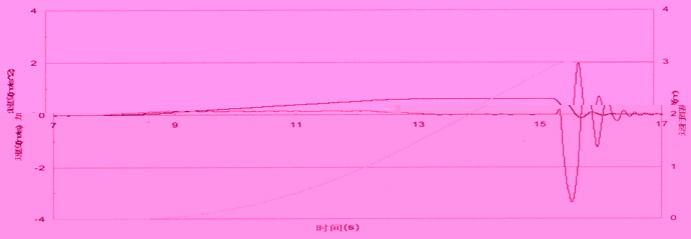
Rated speed: 0.50m/s Rated load: 450kg First



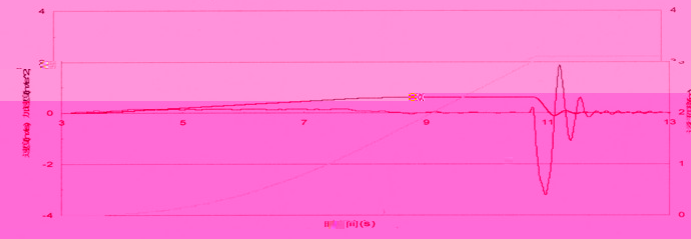
Rated speed: 0.50m/s Rated load: 450kg Second



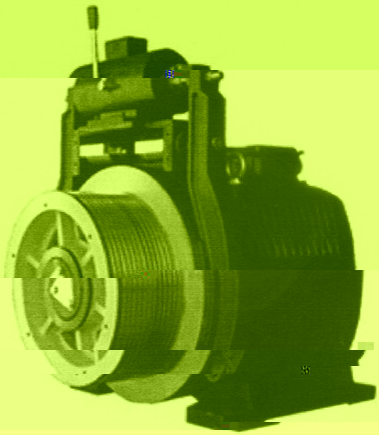
Rated speed: 0.50m/s Rated load: 450kg Third



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



Appendix 2 Sample photo



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Certificate of Type Test for Special Equipment

TX

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