Report No.2018AF1309

Product category Main lift component

Equipment Type Driving machine

Product name Lift traction machine

Model/Type WYT-T

Manufacturer Shenyang Bluelight Drive Technology Co.,Ltd

Applicant Shenyang Bluelight Drive Technology Co.,Ltd

Notes

1. The report is obtained based in the type-examination compliance with

2. The report must be printed or filled out in fountain pens/sign pens with neat and clear handwriting, no alternation.

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TYPE-EXAMINATION REPORT of SPECIAL EQUIPMENT (LIFT)

Equipment Name	Driving machine

Product name		Model/Type	WYT-T
ition		Construction pattern	3 phase AC permanent magnet synchronous structure without reduction device (shaft supported by two point)
f driving machine f lift		Rated output torsion	1635 N·m

No.	Project code	Items	Results	Conclusion
1	Y5.1	Certificate and related technical data	Information Complete	Pass
2	Y5.2	Calculation data	Information Complete	Pass
3	Y5.3	Main design drawing	Information Complete	Pass

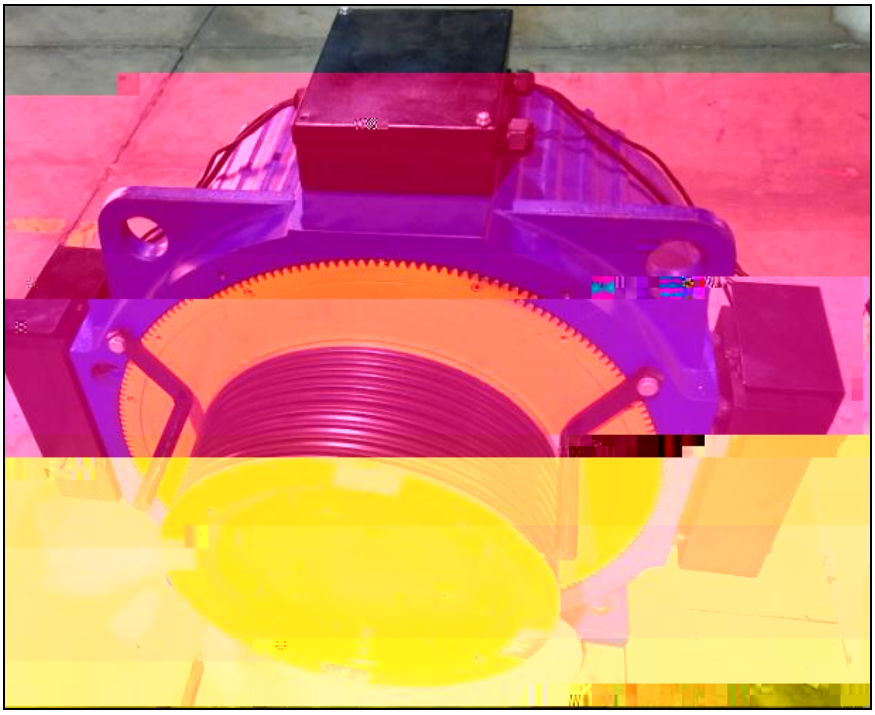
3.1. Test projects and results

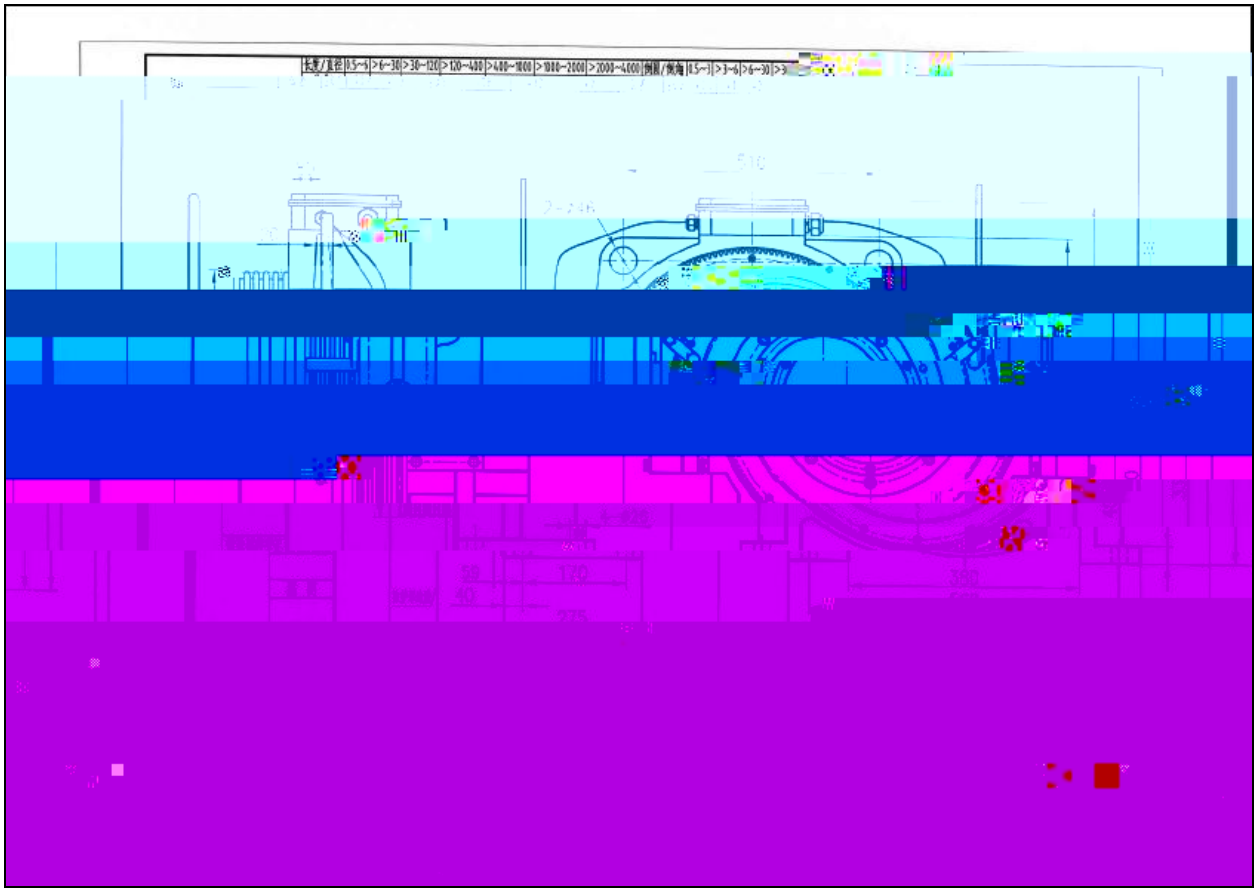
No.	Project code and name	Project contents and requirements	Results	Conclusion
1	Y6.1.1 Insulation resistor of stator winding	When the insulation resistance of the stator winding is in heat condition or the temperature rise test is finished, it shall not be -state insulation resistance is not less	Meet the requirements	Pass
2	Y6.1.2 Pressure resisting test	The three-phase leading-out terminal and machine shall earth are applied with double 96/F3 9 9.24 751.26 121.32 4		

No.	Project code and name	Project contents and requirements	Results	Conclusion
9	Y6.2.5 Start and release voltage of electromagnet brake	Under the condition of satisfying 3.2.4, the lowest suction voltage of the brake electromagnet should not exceed 80% of the rated voltage.	59.00 V	Pass
		Under the condition of satisfying 3.2.4,the highest release voltage of the brake electromagnet should not exceed 55% of the rated voltage.	39.00 V	Pass
		Under the condition of satisfying 3.2.4, the lowest release voltage should not less than 10% of rated voltage.	38.00 V	Pass
10	Y6.2.6 Brake responding time	The brake responding time of the brake (From the power-off time to the time that rated brake torque is reached or braking position is reached)shall not be more than 0.5s. For the elevator driving machine which also perform the function of the brake element of over-speed protection on the carriage, the responding time shall satisfy the design value of the manufacture at the same time.	Meet the requirements	Pass
11	Y6.2.7 Pressure resisting test of brake coil	For the coil voltage resisting test of the brake, the conductive part applies 1000 V to the ground for 1 min without puncturing phenomenon.	Meet the requirements	Pass
12	Y6.2.8			

No.	Project code and name	Project contents and requirements	Results	Conclusion
18	Y6.4 Reducer box	The box cutting face and the eye cover of the gear elevator driving host shall be tightly connected without oil (l)36age		

No.	Project code and name	Project contents and requirements	Results	Conclusion
26	Y6.5.4 Speed	For the elevator driving host, when it is running without load at rated voltage and frequency, the linear velocity of the driving wheel must be in the range from 92% of rated speed to 105% rated speed at rated voltage and frequency.	6.02 m/s, 100.33%	Pass
27	Y6.5.5 Appearance	The oil level in the reducer box should be observed easily. Hand winding crank shall be partly or completely yellow. The manual lock loosing spanner of the elevator driving host brake shall be red.	Meet the requirements	Pass
28	Y6.5.6 Nameplate of elevator driving host	The product nameplate shall be located at the obvious position, the nameplate should be permanent and should at least notify the following contents: (1) Product name, model; (2) rated speed (or elevator rated speed); (3) rated power; (4) rated voltage; (5) rated current; (6) rated frequency; (7) rated output torque (or rated load weight); (8) protection grade; (9) product No. (10)manufacturing date; (11) manufacturer name and manufacturing address; (12) Name or logo of the type-test agency		





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4. Changes of The Type-Examination Report

If the name or address of the applicant (or oversea manufacturer) has any change, please submit a change request with related supporting evidence to the previous type-test agency. After confirmation, the agency will indicate the change on the change record page.

The change record see the attached page (If any).

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