

ROYCE CROSS GROUP

TEST REPORT

Product No. 20151125-1

Product Name Three Phase Asynchronous Motor

Model MSHE132S2-2 7.5kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2015-11-25

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TESTING CENTER

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Product Type Name	MSHE132S2-2 Three Phase Asynchronous Motor			Ser.No.	10-002
Rated Output	7.5 kW	Rated Voltage	400 V	Rated Current	14.3 A
Rated Speed	2950 r/min	Rated Frequency	50 Hz	Insulation Class	F
Duty	S1	Protection Class	IP55	Connection	△
Product Standard		Testing Standard	GB/T1032-2012	Production Date	
Test Item	Eligibility Value		Test Value	Test Result	
	Standard	Tolerance			
1. Stator resistance at 25°C	Ω	/	/	0.0000	/
2. No load current	A	/	/	3.71	/
3. No load current deviation	%	≤10	/	6.99	Passed
4. No load input power	W	/	/	511.0	/
5. Locked rotor current	A	/	/	116.52	/
6. Locked current/Rated current		≤7.8	+1.56	8.60	Passed
7. Locked torque	N m	/	/	60.61	/
8. Locked torque/Rated torque		≥2.2	-0.33	2.47	Passed
9. Full load current	A	/	/	13.55	/
10. Rated torque	N m	/	/	24.561	/
11. Max. torque	N m	/	/	/	/
12. Max. torque/Rated torque		/	/	/	/
13. Min. torque	N m	/	/	/	/
14. Min. torque/Rated torque	N m	/	/	/	/
15. Full load speed	r/min	/	/	2916.0	/
16. Output power	W	/	/	7500	/
17. Input power	W	/	/	8615.1	/
18. Efficiency	%	≥88.1	-1.79	87.06	Passed
19. Power factor		≥0.89	-0.018	0.917	Passed
20. Stator winding temp.rise	K	≤80	/	64.3	Passed
21. Ambient temperature	°C	/	/	20.36	/
22. Bearing temperature	°C	≤95	/	52	Passed
23. Stator core temperature	°C	/	/	64.60	/
24. Insulation resistance warmly to frameM Ω		/	/	/	/
25. Vibration	mm/s	/	/	/	/
26. Noise	dB(A)	/	/	/	/
27. High voltage test	V min	1800	/	/	/
28.					
29.					
30.					
Conclusion					

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2015-11-25