

ROYCE CROSS GROUP

TEST REPORT

Product No. 20150523-2

Product Name Three Phase Asynchronous Motor

Model MSHE132M2-6 5.5kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2015-05-25

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TESTING CENTER

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Product Type Name	MSHE132M2-6 Three Phase Asynchronous Motor			Ser.No.	03-61
Rated Output	5.5 kW	Rated Voltage	400 V	Rated Current	13.5 A
Rated Speed	960 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	/	/	8.06	/
3. No load current deviation	%	≤10	/	5.78	Passed
4. No load input power	W	/	/	418.1	/
5. Locked rotor current	A	/	/	98.04	/
6. Locked current/Rated current		≤7.1	+1.42	7.88	Passed
7. Locked torque	N m	/	/	127.11	/
8. Locked torque/Rated torque		≥2.0	-0.30	2.36	Passed
9. Full load current	A	/	/	12.44	/
10. Rated torque	N m	/	/	53.917	/
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	/	/	974.1	/
16. Output power	W	/	/	5500	/
17. Input power	W	/	/	6386.8	/
18. Efficiency	%	≥86.0	-2.10	86.12	Passed
19. Power factor		≥0.75	-0.042	0.741	Passed
20. Stator winding temp.rise	K	≤80	/	66.6	Passed
21. Ambient temperature	°C	/	/	21.26	/
22. Bearing temperature	°C	≤95	/	68.0	Passed
23. Stator core temperature	°C	/	/	73.70	/
24. Insulation resistance warmly to frameM Ω		/	/	/	/
25. Vibration	mm/s	≤1.6	/	0.7	Passed
26. Noise	dB(A)	/	/	/	/
27. High voltage test	V min	1800	/	/	/
28.					
29.					
30.					
Conclusion					

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Formed

2015-05-25