

ROYCE CROSS GROUP

**TEST REPORT**

Product No. 20140823-2

Product Name Three Phase Asynchronous Motor

Model MSHE8024            0.75kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2014-08-23

ROYCE CROSS GROUP  
TESTING CENTER

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## TEST REPORT

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page of

Product Type Name	MSHE8024 Three Phase Asynchronous Motor			Ser.No.	06-70
Rated Output	0.75 kW	Rated Voltage	400 V	Rated Current	2.5 A
Rated Speed	1410 r/min	Rated Frequency	50 Hz	Insulation Class	F
Duty	S1	Protection Class	IP55	Connection	Y
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	/	/	1.18	/
3. No load current deviation	%	≤10	/	3.60	Passed
4. No load input power	W	/	/	82.3	/
5. Locked rotor current	A	/	/	10.20	/
6. Locked current/Rated current		≤6.5	+1.30	5.54	Passed
7. Locked torque	N m	/	/	13.81	/
8. Locked torque/Rated torque		≥2.3	-0.34	2.75	Passed
9. Full load current	A	/	/	1.84	/
10. Rated torque	N m	/	/	5.029	/
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	/	/	1424.1	/
16. Output power	W	/	/	750	/
17. Input power	W	/	/	952.4	/
18. Efficiency	%	≥79.6	-3.06	78.75	Passed
19. Power factor		≥0.75	-0.042	0.747	Passed
20. Stator winding temp.rise	K	≤80	/	49.1	Passed
21. Ambient temperature	°C	/	/	23.72	/
22. Bearing temperature	°C	≤95	/	65.0	Passed
23. Stator core temperature	°C	/	/	54.10	/
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					

Tested by

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Formed

2014-08-23