

ROYCE CROSS GROUP

**TEST REPORT**

Product No. 20160414-1

Product Name Three Phase Asynchronous Motor

Model MSHE802-2                      1.1kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2016-04-14

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TESTING CENTER

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## TEST REPORT

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Product Type Name	MSHE802-2 Three Phase Asynchronous Motor			Ser.No.	3-32
Rated Output	1.1 kW	Rated Voltage	400 V	Rated Current	2.7 A
Rated Speed	2800 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	/	/	1.13	/
3. No load current deviation	%	≤10	/	4.02	Passed
4. No load input power	W	/	/	92.1	/
5. Locked rotor current	A	/	/	16.00	/
6. Locked current/Rated current		≤7.3	+1.46	7.02	Passed
7. Locked torque	N m	/	/	10.24	/
8. Locked torque/Rated torque		≥2.0	-0.30	2.79	Passed
9. Full load current	A	/	/	2.28	/
10. Rated torque	N m	/	/	3.668	/
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	/	/	2863.9	/
16. Output power	W	/	/	1100	/
17. Input power	W	/	/	1363.2	/
18. Efficiency	%	≥79.6	-3.06	80.69	Passed
19. Power factor		≥0.83	-0.02	0.862	Passed
20. Stator winding temp.rise	K	≤80	/	50.6	Passed
21. Ambient temperature	°C	/	/	18.26	/
22. Bearing temperature	°C	≤95	/	46	Passed
23. Stator core temperature	°C	/	/	52.70	/
24. Insulation resistance warmly to frame	M 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

2016-04-14