

ROYCE CROSS GROUP

## TEST REPORT

Product No. 20160122-1

Product Name Three Phase Asynchronous Motor

Model MSHE90L-6                      1.1kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2016-01-22

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TESTING CENTER

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Product Type Name	MSHE90L-6 Three Phase Asynchronous Motor			Ser.No.	11-93
Rated Output	1.1 kW	Rated Voltage	400 V	Rated Current	2.8 A
Rated Speed	950 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℃	Ω	/	/	0.0000	/
2. No load current	A	/	/	1.95	/
3. No load current deviation	%	≤10	/	2.08	Passed
4. No load input power	W	/	/	155.0	/
5. Locked rotor current	A	/	/	16.00	/
6. Locked current/Rated current		≤5.9	+1.18	5.57	Passed
7. Locked torque	N m	/	/	26.05	/
8. Locked torque/Rated torque		≥2.1	-0.31	2.36	Passed
9. Full load current	A	/	/	2.87	/
10. Rated torque	N m	/	/	11.025	/
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	/	/	952.8	/
16. Output power	W	/	/	1100	/
17. Input power	W	/	/	1432.9	/
18. Efficiency	%	≥78.1	-3.29	76.77	Passed
19. Power factor		≥0.73	-0.04	0.720	Passed
20. Stator winding temp.rise	K	≤80	/	72.2	Passed
21. Ambient temperature	℃	/	/	11.59	/
22. Bearing temperature	℃	≤95	/	60	Passed
23. Stator core temperature	℃	/	/	64.50	/
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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2016-01-22