

ROYCE CROSS GROUP

## TEST REPORT

Product No. 20160129-1

Product Name Three Phase Asynchronous Motor

Model MSHE132S1-2          5.5kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2016-01-29

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TESTING CENTER

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Product Type Name	MSHE132S1-2 Three Phase Asynchronous Motor			Ser.No.	
Rated Output	5.5 kW	Rated Voltage	400 V	Rated Current	10.4 A
Rated Speed	2937 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	/	/	3.04	/
3. No load current deviation	%	≤10	/	7.11	Passed
4. No load input power	W	/	/	408.6	/
5. Locked rotor current	A	/	/	86.92	/
6. Locked current/Rated current		≤8.0	+1.60	8.63	Passed
7. Locked torque	N m	/	/	42.85	/
8. Locked torque/Rated torque		≥2.2	-0.33	2.39	Passed
9. Full load current	A	/	/	10.07	/
10. Rated torque	N m	/	/	17.951	/
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	/	/	2925.9	/
16. Output power	W	/	/	5500	/
17. Input power	W	/	/	6344.8	/
18. Efficiency	%	≥87	-1.95	86.69	Passed
19. Power factor		≥0.88	-0.020	0.909	Passed
20. Stator winding temp.rise	K	≤80	/	61.4	Passed
21. Ambient temperature	°C	/	/	12.14	/
22. Bearing temperature	°C	≤95	/	60	Passed
23. Stator core temperature	°C	/	/	57.10	/
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

2016-01-29