

ROYCE CROSS GROUP

## TEST REPORT

Product No. 20140718-1

Product Name Three Phase Asynchronous Motor

Model MSHE132S-4          5.5kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2014-07-18

ROYCE CROSS GROUP  
TESTING CENTER

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Product Type Name	MSHE132S-4 Three Phase Asynchronous Motor			Ser.No.	04-58
Rated Output	5.5 kW	Rated Voltage	400 V	Rated Current	11.0 A
Rated Speed	1450 r/min	Rated Frequency	50 Hz	Insulation Class	F
Duty	S1	Protection Class	IP55	Connection	△
Product Standard		Testing Standard	GB/T1032-2005	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	/	/	4.96	/
3. No load current deviation	%	≤10	/	4.34	Passed
4. No load input power	W	/	/	312.8	/
5. Locked rotor current	A	/	/	85.46	/
6. Locked current/Rated current		≤7.5	+1.50	7.84	Passed
7. Locked torque	N m	/	/	87.27	/
8. Locked torque/Rated torque		≥2.0	-0.30	2.42	Passed
9. Full load current	A	/	/	10.90	/
10. Rated torque	N m	/	/	35.994	/
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	/	/	1459.2	/
16. Output power	W	/	/	5500	/
17. Input power	W	/	/	6281.2	/
18. Efficiency	%	≥87.7	-1.85	87.56	Passed
19. Power factor		≥0.82	-0.030	0.832	Passed
20. Stator winding temp.rise	K	≤80	/	71.8	Passed
21. Ambient temperature	°C	/	/	23.60	/
22. Bearing temperature	°C	≤95	/	63.0	Passed
23. Stator core temperature	°C	/	/	83.20	/
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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Formed

2014-07-18