

ROYCE CROSS GROUP

TEST REPORT

Product No. 20140925-1

Product Name Three Phase Asynchronous Motor

Model MSHE132S-6 3.0kW

Examinee ROYCE CROSS GROUP.

Checkout Sort Periodic Test

Report Date 2014-09-25

ROYCE CROSS GROUP
TESTING CENTER

ROYCE CROSS GROUP

TEST REPORT

Report No. : 20140925-1

page of

Product Type Name	MSHE132S-6 Three Phase Asynchronous Motor			Ser.No.	09-12
Rated Output	3.0 kW	Rated Voltage	400 V	Rated Current	7.0 A
Rated Speed	960 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	/	/	4.04	/
3. No load current deviation	%	≤10	/	5.22	Passed
4. No load input power	W	/	/	284.1	/
5. Locked rotor current	A	/	/	53.79	/
6. Locked current/Rated current		≤8.1	+1.62	8.15	Passed
7. Locked torque	N m	/	/	62.87	/
8. Locked torque/Rated torque		≥2.0	-0.30	2.14	Passed
9. Full load current	A	/	/	6.60	/
10. Rated torque	N m	/	/	29.322	/
11. Max. torque	N m	/	/	118.97	/
12. Max. torque/Rated torque		/	/	4.06	/
13. Min. torque	N m	/	/	18.68	/
14. Min. torque/Rated torque	N m	/	/	0.64	/
15. Full load speed	r/min	/	/	977.0	/
16. Output power	W	/	/	3000	/
17. Input power	W	/	/	3523.9	/
18. Efficiency	%	≥83.3	-2.50	85.13	Passed
19. Power factor		≥0.74	-0.043	0.771	Passed
20. Stator winding temp.rise	K	≤80	/	40.9	Passed
21. Ambient temperature	°C	/	/	23.45	/
22. Bearing temperature	°C	≤95	/	62.0	Passed
23. Stator core temperature	°C	/	/	54.50	/
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					

Tested by

Checked by

Formed

2014-09-25