

Type Test Report

Type: T3AH112M-2 IE3

Voltage: 400 V

Design list No:

Output: 5,5 kW

Connection: Δ

Product No:

Frequency: 50 Hz

Duty: S1

Report No:

Test Item		Standard		Result	
		Nominal	Tol		
1.	Efficiency %			90.8	
2.	Power Factor			0.906	
3.	Tem. Rise of Stator Winding K			52	
4.	Vibration mm/s				
5.	Noise Lp dB (A)(Lw)			78	
6.	Pullup Torque/Rated Torque			2.91	
7.	Breakdown Torque/Rated Torque			4.28	
8.	Locked Rotor Tor./Rated Tor.			3.32	
9.	Locked Rotor Cur./Rated Cur.			11.81	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M Ω			300.0	
12.	Temperature of Bearing $^{\circ}$ C			47	
13.	Unbalance of Current %			1.13	
14.	Full Load line Current A			9.653	
15.	Full Load input W			6056	
16.	Full Load torque Nm			17.97	
17.	Max.temp.of enclosure surface $^{\circ}$ C			45.1	
18.	No Load Current A			3.288	
19.	Slip %			2.435	
20.	Stator Winding phase resistance Ω (95° C)			0.79811	
21.	Stray Load Loss W			65.97	
22.	No Load Stator Power W			160.1	
23.	Core Loss W			98.62	
24.	Friction & Windage Loss W			40.17	
25.	Locked Rotor Power W			48631	
26.	Stator I ii R Loss W			211.2	
27.	Rotor I ii R Loss W			139.9	
28.	Locked Rotor Voltage 100.0V	Current A	20.21	Power W	1811
Remark:					
75%: 91.62 50%: 91.45					