

Type Test Report

Type: T3A112M-2 IE3
 Output: 4 kW
 Frequency: 50 Hz

Voltage: 400
 Connection: Y
 Duty: S1

Design list No:
 Product No:
 Report No:

Test Item		Standard		Result	
		Nominal	Tol		
1.	Efficiency %			88.1	
2.	Power Factor			0.908	
3.	Tem. Rise of Stator Winding K			52	
4.	Vibration mm/s			1.6	
5.	Noise Lp dB (A)(Lw)			77	
6.	Max Torque/Rated Torque			3.95	
7.	Breakdown Torque/Rated Torque			2.48	
8.	Locked Rotor Tor./Rated Tor.			3.47	
9.	Locked Rotor Cur./Rated Cur.			10.50	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding MΩ			300.0	
12.	Temperature of Bearing °C			48	
13.	Unbalance of Current %			4.60	
14.	Full Load line Current A			7.219	
15.	Full Load input W			4541	
16.	Full Load torque Nm			13.05	
17.	Max.temp.of enclosure surface °C			45.4	
18.	No Load Current A			2.431	
19.	Slip %			2.455	
20.	Stator Winding phase resistance Ω (95°C)			3.6514	
21.	Stray Load Loss W			62.14	
22.	No Load Stator Power W			212.0	
23.	Core Loss W			91.66	
24.	Friction & Windage Loss W			102.0	
25.	Locked Rotor Power W			35668	
26.	Stator I ii R Loss W			180.3	
27.	Rotor I ii R Loss W			104.8	
28.	Locked Rotor Voltage 100.0V	Current A	14.11	Power W	1404
Remark:					
75%: 88.2 50%: 87.0					