

Type Test Report

Type: T2A 90L-2 IE2

Voltage: 400/230 V

Design list No.:

Output: 2.2 kW

Connection: Y/Δ

Product No:

Frequency: 50 Hz

Duty: S1

Report No:

Test Item		Standard		Result	
		Nominal	Tol		
1.	Efficiency full load %			83.3	
2.	Efficiency 75% load %			83.88	
3.	Efficiency 50% load %			82.24	
4.	Power Factor			0.836	
5.	Tem. Rise of Stator Winding K			67	
6.	Vibration mm/s				
7.	Noise Lp dB (A)(Lw)				
8.	Pullup Torque/Rated Torque			1.38	
9.	Breakdown Torque/Rated Torque			3.08	
10.	Locked Rotor Tor./Rated Tor.			2.85	
11.	Locked Rotor Cur./Rated Cur.			7.51	
12.	High Voltage Test V			1800	
13.	Hot Insulation Res. of Stator Winding MΩ			300.0	
14.	Temperature of Bearing °C			63	
15.	Unbalance of Current %			1.23	
16.	Full Load line Current A			4.561	
17.	Full Load input W			2642	
18.	Full Load torque Nm			7.305	
19.	Max.temp.of enclosure surface °C			61.6	
20.	No Load Current A			2.716	
21.	Slip %			3.719	
22.	Stator Winding phase resistance Ω (95°C)			3.3327	
23.	Stray Load Loss W			37.11	
24.	No Load Stator Power W			178.5	
25.	Core Loss W			76.10	
26.	Friction & Windage Loss W			35.14	
27.	Locked Rotor Power W			17969	
28.	Stator I ii R Loss W			206.2	
29.	Rotor I ii R Loss W			87.77	
30.	Locked Rotor Voltage 100.0V	Current A	6.345	Power W	704.4
Remark:			Date:		