

Type Test Report

Type: TA 100LB -8

Voltage: 400/230 V

Design list No.:

Output: 1.1 kW

Connection: Y/Δ

Product No:

Frequency: 50 Hz

Duty: S1

Report No:

Test Item		Standard		Result	
		Nominal	Tol		
1.	Efficiency full load %			72.2	
2.	Efficiency 75% load %			72.75	
3.	Efficiency 50% load %			68.84	
4.	Power Factor			0.661	
5.	Tem. Rise of Stator Winding K			81	
6.	Vibration mm/s				
7.	Noise Lp dB (A)(Lw)				
8.	Pullup Torque/Rated Torque			1.88	
9.	Breakdown Torque/Rated Torque			2.18	
10.	Locked Rotor Tor./Rated Tor.			1.96	
11.	Locked Rotor Cur./Rated Cur.			3.48	
12.	High Voltage Test V			1800	
13.	Hot Insulation Res. of Stator Winding MΩ			300.0	
14.	Temperature of Bearing °C			75	
15.	Unbalance of Current %			0.71	
16.	Full Load line Current A			3.327	
17.	Full Load input W			1523	
18.	Full Load torque Nm			15.21	
19.	Max.temp.of enclosure surface °C			71.8	
20.	No Load Current A			2.593	
21.	Slip %			7.913	
22.	Stator Winding phase resistance Ω (95°C)			7.9518	
23.	Stray Load Loss W			7.617	
24.	No Load Stator Power W			200.6	
25.	Core Loss W			49.74	
26.	Friction & Windage Loss W			6.229	
27.	Locked Rotor Power W			5121	
28.	Stator I ii R Loss W			264.0	
29.	Rotor I ii R Loss W			95.71	
30.	Locked Rotor Voltage 100.0V	Current A	2.446	Power W	248.5
Remark:			Date:		