

# Type Test Report

Type: T3A100LB-4  
Output: 3 kW  
Frequency: 50 Hz

Voltage: 400/230 V  
Connection: Y/ $\Delta$   
Duty: S1

Design list No.:  
Product No:  
Report No:

Test Item		Standard		Result	
		Nominal	Tol		
1.	Efficiency %			87.7	
2.	Power Factor			0.783	
3.	Tem. Rise of Stator Winding K			52	
4.	Vibration mm/s			1.6	
5.	Noise Lp dB (A)(Lw)			64	
6.	Max Torque/Rated Torque			3.48	
7.	Breakdown Torque/Rated Torque			2.76	
8.	Locked Rotor Tor./Rated Tor.			3.38	
9.	Locked Rotor Cur./Rated Cur.			8.10	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M $\Omega$			300.0	
12.	Temperature of Bearing $^{\circ}$ C			63	
13.	Unbalance of Current %			1.04	
14.	Full Load line Current A			6.301	
15.	Full Load input W			3419	
16.	Full Load torque Nm			19.76	
17.	Max.temp.of enclosure surface $^{\circ}$ C			61.4	
18.	No Load Current A			3.740	
19.	Slip %			3.337	
20.	Stator Winding phase resistance $\Omega$ (95 $^{\circ}$ C)			1.7139	
21.	Stray Load Loss W			23.67	
22.	No Load Stator Power W			160.2	
23.	Core Loss W			88.02	
24.	Friction & Windage Loss W			9.796	
25.	Locked Rotor Power W			22840	
26.	Stator I ii R Loss W			192.4	
27.	Rotor I ii R Loss W			104.7	
28.	Locked Rotor Voltage 100.0V	Current A	9.161	Power W	826.8
Remark: 75% 88.0 50% 86.9					