

# Type Test Report

Type: TA71B-4  
Output: 0.37 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 full load %			67.2	
2.	Power Factor			0.765	
3.	Tem. Rise of Stator Winding K			66	
4.	Vibration mm/s			1.8	
5.	Noise Lp dB (A)(Lw)			55	
6.	Pullup Torque/Rated Torque			1.90	
7.	Breakdown Torque/Rated Torque			2.28	
8.	Locked Rotor Tor./Rated Tor.			2.29	
9.	Locked Rotor Cur./Rated Cur.			4.28	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M $\Omega$			300.0	
12.	Temperature of Bearing $^{\circ}$ C			65	
13.	Unbalance of Current %			3.69	
14.	Full Load line Current A			1.038	
15.	Full Load input W			550.2	
16.	Full Load torque Nm			2.569	
17.	Max.temp.of enclosure surface $^{\circ}$ C			62.6	
18.	No Load Current A			0.8726	
19.	Slip %			8.312	
20.	Stator Winding phase resistance $\Omega$ (95 $^{\circ}$ C)			30.806	
21.	Stray Load Loss W			2.751	
22.	No Load Stator Power W			106.4	
23.	Core Loss W			40.26	
24.	Friction & Windage Loss W			3.501	
25.	Locked Rotor Power W			2580	
26.	Stator I ii R Loss W			99.58	
27.	Rotor I ii R Loss W			34.11	
28.	Locked Rotor Voltage 100.0V	Current A	0.9656	Power W	131.4
Remark:			Date:		