

Type Test Report

Type: TA71A-4
Output: 0.25 kW
Frequency: 50 Hz

Voltage: 400/230 V
Connection: Y/ Δ
Duty: S1

Design list No.:
Product No:
Report No:

Test Item		Standard		Result	
		Nominal	Tol		
1.	Efficiency full load %			70.4	
2.	Power Factor			0.673	
3.	Tem. Rise of Stator Winding K			51	
4.	Vibration mm/s			0.50	
5.	Noise Lp dB (A)(Lw)			51.6	
6.	Pullup Torque/Rated Torque			1.82	
7.	Breakdown Torque/Rated Torque			2.32	
8.	Locked Rotor Tor./Rated Tor.			2.26	
9.	Locked Rotor Cur./Rated Cur.			4.02	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M Ω			300.0	
12.	Temperature of Bearing $^{\circ}$ C			57	
13.	Unbalance of Current %			2.75	
14.	Full Load line Current A			0.7616	
15.	Full Load input W			355.3	
16.	Full Load torque Nm			1.697	
17.	Max.temp.of enclosure surface $^{\circ}$ C			55.0	
18.	No Load Current A			0.6697	
19.	Slip %			6.846	
20.	Stator Winding phase resistance Ω (95 $^{\circ}$ C)			42.976	
21.	Stray Load Loss W			2.145	
22.	No Load Stator Power W			69.32	
23.	Core Loss W			11.20	
24.	Friction & Windage Loss W			2.561	
25.	Locked Rotor Power W			1644	
26.	Stator I ii R Loss W			70.62	
27.	Rotor I ii R Loss W			18.72	
28.	Locked Rotor Voltage 100.0V	Current A	0.6611	Power W	78.83
Remark:			Date:		