

Type Test Report

Type: TA63A 4
Output: 0,12 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 %			60.9	
2.	Power Factor			0.652	
3.	Tem. Rise of Stator Winding K			49	
4.	Vibration mm/s			0.50	
5.	Noise Lp dB (A)(Lw)			47.4	
6.	Pullup Torque/Rated Torque			1.71	
7.	Breakdown Torque/Rated Torque			2.32	
8.	Locked Rotor Tor./Rated Tor.			2.18	
9.	Locked Rotor Cur./Rated Cur.			3.43	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M Ω			300.0	
12.	Temperature of Bearing $^{\circ}$ C			40	
13.	Unbalance of Current %			2.58	
14.	Full Load line Current A			0.4361	
15.	Full Load input W			197.1	
16.	Full Load torque Nm			0.8253	
17.	Max.temp.of enclosure surface $^{\circ}$ C			37.8	
18.	No Load Current A			0.4226	
19.	Slip %			6.938	
20.	Stator Winding phase resistance Ω (95 $^{\circ}$ C)			106.88	
21.	Stray Load Loss W			1.885	
22.	No Load Stator Power W			63.94	
23.	Core Loss W			7.684	
24.	Friction & Windage Loss W			1.314	
25.	Locked Rotor Power W			863.3	
26.	Stator I ii R Loss W			57.03	
27.	Rotor I ii R Loss W			9.185	
28.	Locked Rotor Voltage 100.0V	Current A	0.3414	Power W	46.72
Remark:			Date:		