

# Type Test Report

Type: T3A90L-4

Output: 1.5 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 %			85.3	
2.	Power Factor			0.702	
3.	Tem. Rise of Stator Winding K			44	
4.	Vibration mm/s			1,6	
5.	Noise Lp dB (A)(Lw)			61	
6.	Max Torque/Rated Torque			3.68	
7.	Breakdown Torque/Rated Torque			2.95	
8.	Locked Rotor Tor./Rated Tor.			3.87	
9.	Locked Rotor Cur./Rated Cur.			7.22	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M $\Omega$			300.0	
12.	Temperature of Bearing $^{\circ}$ C			60	
13.	Unbalance of Current %			0.33	
14.	Full Load line Current A			3.597	
15.	Full Load input W			1750	
16.	Full Load torque Nm			9.913	
17.	Max.temp.of enclosure surface $^{\circ}$ C			58.3	
18.	No Load Current A			2.464	
19.	Slip %			3.673	
20.	Stator Winding phase resistance $\Omega$ (95 $^{\circ}$ C)			3.3535	
21.	Stray Load Loss W			18.04	
22.	No Load Stator Power W			107.4	
23.	Core Loss W			46.15	
24.	Friction & Windage Loss W			7.766	
25.	Locked Rotor Power W			11815	
26.	Stator I ii R Loss W			120.1	
27.	Rotor I ii R Loss W			58.17	
28.	Locked Rotor Voltage 100.0V	Current A	4.103	Power W	329.3
Remark:		75%	84.1	50%	84.1