

Type Test Report

Type: TA80A-4
Output: 0.55 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 %			73.4	
2.	Power Factor			0.750	
3.	Tem. Rise of Stator Winding K			74	
4.	Vibration mm/s			1.8	
5.	Noise Lp dB (A)(Lw)			58	
6.	Pullup Torque/Rated Torque			1.67	
7.	Breakdown Torque/Rated Torque			2.36	
8.	Locked Rotor Tor./Rated Tor.			2.04	
9.	Locked Rotor Cur./Rated Cur.			4.74	
10.	High Voltage Test V			1800	
11.	Hot Insulation Res. of Stator Winding M Ω			300.0	
12.	Temperature of Bearing $^{\circ}$ C			60	
13.	Unbalance of Current %			0.87	
14.	Full Load line Current A			1.441	
15.	Full Load input W			748.8	
16.	Full Load torque Nm			3.689	
17.	Max.temp.of enclosure surface $^{\circ}$ C			57.7	
18.	No Load Current A			1.179	
19.	Slip %			5.098	
20.	Stator Winding phase resistance Ω (95 $^{\circ}$ C)			19.194	
21.	Stray Load Loss W			3.744	
22.	No Load Stator Power W			117.7	
23.	Core Loss W			35.41	
24.	Friction & Windage Loss W			9.866	
25.	Locked Rotor Power W			3575	
26.	Stator I ii R Loss W			119.5	
27.	Rotor I ii R Loss W			30.28	
28.	Locked Rotor Voltage 100.0V	Current A	1.317	Power W	145.6
Remark:				Date:	