

Type Test Report

Type: T3A90L-6 IE3
 Output: 1.1 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 % | | | 81.0 | |
| 2. | Power Factor | | | 0.667 | |
| 3. | Tem. Rise of Stator Winding K | | | 48 | |
| 4. | Vibration mm/s | | | 1.6 | |
| 5. | Noise Lp dB (A)(Lw) | | | 59 | |
| 6. | Breakdown Torque/Rated Torque | | | 2.99 | |
| 7. | Pullup Torque/Rated Torque | | | 2.50 | |
| 8. | Locked Rotor Tor./Rated Tor. | | | 2.78 | |
| 9. | Locked Rotor Cur./Rated Cur. | | | 5.19 | |
| 10. | High Voltage Test V | | | 1800 | |
| 11. | Hot Insulation Res. of Stator Winding M Ω | | | 300.0 | |
| 12. | Temperature of Bearing $^{\circ}$ C | | | 69 | |
| 13. | Unbalance of Current % | | | 1.54 | |
| 14. | Full Load line Current A | | | 2.938 | |
| 15. | Full Load input W | | | 1358 | |
| 16. | Full Load torque Nm | | | 11.05 | |
| 17. | Max.temp.of enclosure surface $^{\circ}$ C | | | 65.7 | |
| 18. | No Load Current A | | | 2.259 | |
| 19. | Slip % | | | 4.985 | |
| 20. | Stator Winding phase resistance Ω (95 $^{\circ}$ C) | | | 6.0508 | |
| 21. | Stray Load Loss W | | | 10.93 | |
| 22. | No Load Stator Power W | | | 125.6 | |
| 23. | Core Loss W | | | 36.35 | |
| 24. | Friction & Windage Loss W | | | 5.559 | |
| 25. | Locked Rotor Power W | | | 6801 | |
| 26. | Stator I ii R Loss W | | | 146.4 | |
| 27. | Rotor I ii R Loss W | | | 58.59 | |
| 28. | Locked Rotor Voltage 100.0V | Current A | 2.981 | Power W | 281.2 |
| Remark: | | | | | |
| | | 75% | 81.1 | 50% | 78.4 |