

# Type Test Report

Type: T3A132M-4

Voltage: 400/690 V

Design list No.:

Output: 7.5 kW

Connection:  $\Delta/Y$

Product No:

Frequency: 50 Hz

Duty: S1

Report No:

| Test Item               |  | Standard  |       | Result         |
|-------------------------|--|-----------|-------|----------------|
|                         |  | Nominal   | Tol   |                |
| 1.                      | Efficiency %   |           |       | 90.4           |
| 2.                      | Power Factor   |           |       | 0.857          |
| 3.                      | Tem. Rise of Stator Winding K                              |           |       | 54             |
| 4.                      | Vibration mm/s   |           |       | 1.6            |
| 5.                      | Noise Lp dB (A)(Lw)  |           |       | 71             |
| 6.                      | Breakdown Torque/Rated Torque                              |           |       | 3.49           |
| 7.                      | Pullup Torque/Rated Torque                                 |           |       | 1.74           |
| 8.                      | Locked Rotor Tor./Rated Tor.                               |           |       | 2.87           |
| 9.                      | Locked Rotor Cur./Rated Cur.                               |           |       | 8.89           |
| 10.                     | High Voltage Test V  |           |       | 1800           |
| 11.                     | Hot Insulation Res. of Stator Winding M $\Omega$           |           |       | 300.0          |
| 12.                     | Temperature of Bearing $^{\circ}$ C                        |           |       | 66             |
| 13.                     | Unbalance of Current %                                     |           |       | 1.73           |
| 14.                     | Full Load line Current A                                   |           |       | 13.95          |
| 15.                     | Full Load input W  |           |       | 8284           |
| 16.                     | Full Load torque Nm  |           |       | 48.97          |
| 17.                     | Max.temp.of enclosure surface $^{\circ}$ C                 |           |       | 62.7           |
| 18.                     | No Load Current A  |           |       | 5.771          |
| 19.                     | Slip %   |           |       | 2.498          |
| 20.                     | Stator Winding phase resistance $\Omega$ (95 $^{\circ}$ C) |           |       | 1.6374         |
| 21.                     | Stray Load Loss W  |           |       | 92.41          |
| 22.                     | No Load Stator Power W                                     |           |       | 240.8          |
| 23.                     | Core Loss W  |           |       | 160.3          |
| 24.                     | Friction & Windage Loss W                                  |           |       | 32.88          |
| 25.                     | Locked Rotor Power W                                       |           |       | 48549          |
| 26.                     | Stator I ii R Loss W                                       |           |       | 303.3          |
| 27.                     | Rotor I ii R Loss W  |           |       | 195.4          |
| 28.                     | Locked Rotor Voltage 100.0V                                | Current A | 19.55 | Power W   1341 |
| Remark:                 |  |           |       |                |
| 75%= 90,9      50%=90,3 |  |           |       |                |