# DATASHEET

| Three Phase Induction Motor | Drawing No. | |
|---|---|---|
| SKU: | TB3A4A3053T001-F | |
| Type: | **T3A-IE3 200L-4 30kW 400/690V 50Hz** | |

## Identification

| | | | | | |
|---|---|---|---|---|---|
| Frame: | 200 | mm | Insulation Class: | F | |
| Output: | 30 | kW | Temperature Rise: | 80K | |
| Frequency: | 50 | Hz | Service Factor: | 1,0 | |
| Poles: | 4 | P | Duty: | S1 | |
| Rated Speed: | 1470 | rpm | Ambient Temperature: | -20~40 | |
| Slip: | 2,0 | % | Altitude: | 1000m | |
| Rated Voltage: | 400 / 690 | V | Protection Degree: | IP55 | |
| Connection: | Δ/Y | | Cooling: | IC411 | |
| Rated Current: | 52,6 / 30,5 | A | Mounting: | **B3;B35;B5;V1;V3;V15** | |
| Rotor Voltage: | | | Vibration: | 2,2 mm/s | |
| Connection: | | | Approx. Weight: | 180 | kg |
| Rotor Current: | | | Moment of Inertia: | 0,2651001 | kg/m2 |
| Locked Rotor Current: | 970 | % | Noise Level（Lp）: | 86 | dB(A) |
| No Load Current: | | | Direction of Rotation: | BOTH | |
| Rated Torque: | 194,9 | Nm | Starting Method: | DIRECT ON LINE | |
| Locked Rotor Torque: | 320 | % | Coupling: | DIRECT | |
| Breakdown Torque: | 370 | % | **Load Type:** | PARABOLIC CURVE | |
| Nominal Power Loses | 6,84 | % | | | |

## Performance

| Output: | 50% | 75% | 100% |
|---|---|---|---|
| Efficiency(%): | 90,8 | 93,7 | 93,6 |
| Power Factor: | 0,75 | 0,84 | 0,88 |

## Bearing Information

| | DE | NDE |
|---|---|---|
| Bearing: | 6312 2RZ C3 | 6212 2RZ C3 |
| Regreasing int.(h): | | |
| Grease amount(g) | | |
| Grease-PolyrexEM | | |

## Accessories

3x PTC 150°C

## Notes

## Standards

| | |
|---|---|
| Specification: | IEC60034-1/GB755 |
| Test: | IEC60034-2/GB/T1032 |
| Noise: | IEC60034-9/GB10069.3 |
| Vibration: | IEC60034-14/GB10068 |

**PRELIMINARY DOCUMENT**

## Edition

| Performed | Checked | Date |
|---|---|---|
| | | |

| Item | Changes | Performed | Checked | Date |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

**There may be differences between rating plate and calculated values.**