

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : W22 Tru-Metric IE3 Three-Phase

Product code : 12372528

| | | | |
|---------------------|--------|-----------------------|---------------------|
| Frame | : 90L | Locked rotor time | : S1 |
| Output | : F | Duty cycle | : IP55 |
| Frequency | : 1.25 | Protection degree | : IC411 - TEFC |
| Rated voltage | : N | Cooling method | : B34L(E) |
| Rated current | | Mounting | : Both (CW and CCW) |
| L. R. Amperes | | Rotation ¹ | : Direct On Line |
| LRC | | Starting method | |
| No load current | | | |
| Rated speed | | | |
| Slip | | | |
| Rated torque | | | |
| Locked rotor torque | | | |
| Breakdown torque | | | |
| Insulation class | | | |
| Service factor | | | |
| Design | | | |

| | | | | | |
|----------------|-----|-----|------|------------------|-----------|
| Output | 50% | 75% | 100% | Foundation loads | |
| Efficiency (%) | | | | Max. traction | : 82 kgf |
| Power Factor | | | | Max. compression | : 106 kgf |

| | Drive end | Non drive end |
|----------------------|--------------------|---------------|
| Bearing type | : 6205 ZZ | 6204 ZZ |
| Sealing | : V'Ring | V'Ring |
| Lubrication interval | : - | - |
| Lubricant amount | : - | - |
| Lubricant type | : Mobil Polyrex EM | |

Notes:

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

| Rev. | Changes Summary | Performed | Checked | Date |
|--------------|-----------------|-----------|---------|----------|
| | | | | |
| Performed by | | | | |
| Checked by | | | Page | Revision |
| Date | 14/01/2024 | | 1 / 1 | |