

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

|  |                 |   |  |                            |          |
|--|-----------------|---|--|----------------------------|----------|
| Customer :   |                 |   |  |                            |          |
| Product line : W22 Tru-Metric IE3 Three-Phase  |                 |   | Product code : 11702465  |                            |          |
| Frame : 90L<br>Output : F<br>Frequency : 1.25<br>Rated voltage : N<br>Rated current<br>L. R. Amperes<br>LRC<br>No load current<br>Rated speed<br>Slip<br>Rated torque<br>Locked rotor torque<br>Breakdown torque<br>Insulation class<br>Service factor<br>Design                       |                 | Locked rotor time : S1<br>Duty cycle : IP55<br>Protection degree : IC411 - TEFC<br>Cooling method : B3L(E)<br>Mounting : Both (CW and CCW)<br>Rotation <sup>1</sup> : Direct On Line<br>Starting method |  |                            |          |
| Output   | 50%             | 75%   | 100%   | Foundation loads           |          |
| Efficiency (%)   |                 |   |  | Max. traction : 82 kgf     |          |
| Power Factor   |                 |   |  | Max. compression : 106 kgf |          |
|  |                 | <u>Drive end</u>  | <u>Non drive end</u>   |                            |          |
| 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.<br>(1) Looking the motor from the shaft end.<br>(2) Measured at 1m and with tolerance of +3dB(A).<br>(3) Approximate weight subject to changes after manufacturing process.<br>(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   |                 |   |  |                            |          |
| Date   | 14/01/2024      |   |  | Page                       | Revision |
|  |                 |   |  | 1 / 1                      |          |