# DATA SHEET
## Three Phase Induction Motor - Squirrel Cage

| | |
|---|---|
| Customer | : V.J. PAMENSKY CANADA INC. |
| Product line | : W01 Shark - TENV Premium Efficiency |

| | | | |
|---|---|---|---|
| Frame | : 56C | Locked rotor time | : 19 s (hot) 34 s (cold) |
| Output | : 1 HP (0.75 kW) | Temperature rise | : 80 K |
| Poles | : 4 | Duty cycle | : S1 |
| Frequency | : 60 Hz | Ambient temperature | : -20 °C to +40 °C |
| Rated voltage | : 230/460 V | Altitude | : 3280 ft |
| Rated current | : 2.94/1.47 A | Protection degree | : IP66 |
| L. R. Amperes | : 25.3/12.6 A | Cooling method | : IC410 - TENV |
| LRC | : 8.6 | Mounting | : F-1/B14R(D) |
| No load current | : 1.78/0.890 A | Rotation[1] | : Both |
| Rated speed | : 1765 rpm | Noise level[2] | : 52.0 dB(A) |
| Slip | : 1.94 % | Vibration class | : A |
| Rated torque | : 2.94 ft.lb | Starting method | : Direct On Line |
| Locked rotor torque | : 280 % | Approx. weight[3] | : 42.7 lb |
| Pull up torque | : 235 % | Color | : NO COLOR |
| Breakdown torque | : 300 % | Design | : B |
| Insulation class | : F | | |
| Service factor | : 1.15 | | |
| Moment of inertia (J) | : 0.1305 sq.ft.lb | | |

| Output | 50% | 75% | 100% |
|---|---|---|---|
| Efficiency (%) | 82.5 | 84.0 | 85.5 |
| Power Factor | 0.52 | 0.66 | 0.75 |

| | Load type | : - |
|---|---|---|
| | Load torque | : - |
| | Load inertia (J=GD²/4) | : - |

| | Drive end | Non drive end |
|---|---|---|
| Bearing type #1 | 6204-2RS | 6203-2RS |
| Bearing type #2 | - | - |
| Lubrication interval | - | - |
| Lubricant amount #1 | - | - |
| Lubricant amount #2 | - | - |
| Lubricant type | MOBIL POLYREX EM | |

| Foundation loads | |
|---|---|
| Max. traction | : |
| Max. compression | : |

Notes
See notes on page 2.

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 be changed after manufacturing process.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG 1-12.

| Rev. | Changes Summary | Rev. | Checked | Date |
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| Performed by | farazq | | 1872091171 | |
| Checked by | AUTOMATICO | | Page | Rev. |
| Date | 10/07/2026 | | 1 / 2 | 0 |

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| Product line | : W01 Shark - TENV Premium Efficiency |

| Thermal protection ID | Application | Type | Quantity | Sensing Temperature |
|---|---|---|---|---|

Notes

| Standards | | | | |
|---|---|---|---|---|
| | Specification | : MG1 - Part 10 | Vibration | : MG1 - Part 7 |
| | Test | : MG1 - Part 12 | Tolerance | : MG1 - Part 12 |
| | Noise | : MG1 - Part 9 | | |

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