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

| | |
|---|---|
| Customer | : V.J. PAMENSKY CANADA INC. |
| Product line | : W01 - TEFC - Premium Efficiency (DOE) Jet Pump - Forma J |
| Product code | : 19188693 |

| | | | |
|---|---|---|---|
| Frame | : W56J | Locked rotor time | : 18 s (hot) 32 s (cold) |
| Output | : 0.5 HP (0.37 kW) | Temperature rise | : 80 K |
| Poles | : 2 | Duty cycle | : S1 |
| Frequency | : 60 Hz | Ambient temperature | : -20 °C to +40 °C |
| Rated voltage | : 575 V | Altitude | : 3280 ft |
| Rated current | : 0.627 A | Protection degree | : IP55 |
| L. R. Amperes | : 4.83 A | Cooling method | : IC411 - TEFC |
| LRC | : 7.7 | Mounting | : F-1/B34R(D) |
| No load current | : 0.334 A | Rotation[1] | : Counter clockwise |
| Rated speed | : 3435 rpm | Noise level[2] | : 65.0 dB(A) |
| Slip | : 4.58 % | Vibration class | : A |
| Rated torque | : 0.752 ft.lb | Starting method | : Direct On Line |
| Locked rotor torque | : 330 % | Approx. weight[3] | : 17.4 lb |
| Pull up torque | : 280 % | Painting plan | : 207N |
| Breakdown torque | : 360 % | Color | : MUNSELL N 1 - MATTE |
| Insulation class | : F | | |
| Service factor | : 1.15 | | |
| Moment of inertia (J) | : 0.0190 sq.ft.lb | | |

| Output | 50% | 75% | 100% |
|---|---|---|---|
| Efficiency (%) | 68.0 | 72.0 | 74.0 |
| Power Factor | 0.64 | 0.75 | 0.80 |

| | Drive end | Non drive end |
|---|---|---|
| Bearing type #1 | 6203-2RS | 6202-2RS |
| Bearing type #2 | - | - |
| Lubrication interval | - | - |
| Lubricant amount #1 | - | - |
| Lubricant amount #2 | - | - |
| Lubricant type | MOBIL POLYREX EM | |

| | |
|---|---|
| Load type | : - |
| Load torque | : - |
| Load inertia (J=GD²/4) | : - |
| Foundation loads | |
| Max. traction | : 80 N |
| Max. compression | : 157 N |

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 | | 1866974522 | |
| Checked by | AUTOMATICO | | Page | Rev. |
| Date | 29/06/2026 | | 1 / 2 | 0 |

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| 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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