

# DATA SHEET

## Single Phase Induction Motor - Squirrel Cage



Customer : V.J. PAMENSKY CANADA INC.

Product line : W01 - ODP Compressor Duty Standard Efficiency Product code : 17552661

|                       |                    |                             |                         |
|-----------------------|--------------------|-----------------------------|-------------------------|
| Frame                 | : 56               | Locked rotor time           | : 7 s (hot) 13 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         | : 115/208-230 V    | Altitude                    | : 3280 ft               |
| Rated current         | : 11.9/6.20-5.96 A | Protection degree           | : IP21                  |
| L. R. Amperes         | : 75.1/39.1-37.5 A | Cooling method              | : IC01 - ODP            |
| LRC                   | : 6.3              | Mounting                    | : F-1/B3R(D)            |
| No load current       | : 9.00/3.88-4.50 A | Rotation <sup>1</sup>       | : Both                  |
| Rated speed           | : 1745 rpm         | Noise level <sup>2</sup>    | : 70.0 dB(A)            |
| Slip                  | : 3.06 %           | Vibration class             | : A                     |
| Rated torque          | : 2.97 ft.lb       | Starting method             | : Direct On Line        |
| Locked rotor torque   | : 220 %            | Approx. weight <sup>3</sup> | : 30.9 lb               |
| Pull up torque        | : 185 %            | Painting plan               | : 207N                  |
| Breakdown torque      | : 250 %            | Color                       | : MUNSELL N 1 - MATTE   |
| Insulation class      | : F                |                             |                         |
| Service factor        | : 1.00             |                             |                         |
| Moment of inertia (J) | : 0.1424 sq.ft.lb  |                             |                         |

|                |      |      |      |                                     |     |
|----------------|------|------|------|-------------------------------------|-----|
| Output         | 50%  | 75%  | 100% | Load type                           | : - |
| Efficiency (%) | 60.0 | 68.0 | 72.0 | Load torque                         | : - |
| Power Factor   | 0.57 | 0.68 | 0.76 | Load inertia (J=GD <sup>2</sup> /4) | : - |

|                      |                  |               |                  |     |
|----------------------|------------------|---------------|------------------|-----|
|                      | Drive end        | Non drive end | Foundation loads |     |
| Bearing type         | 6204-ZZ          | 6202-ZZ       | Max. traction    | : - |
| Lubrication interval | -                | -             | Max. compression | : - |
| Lubricant amount     | -                | -             |                  |     |
| Lubricant type       | MOBIL POLYREX EM |               |                  |     |

### 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 |
|--------------|-----------------|--|------------|---------|------|
|              |                 |  |            |         |      |
| Performed by | farazq          |  | 1847486668 |         |      |
| Checked by   | AUTOMATICO      |  | Page       | Rev.    |      |
| Date         | 12/05/2026      |  | 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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