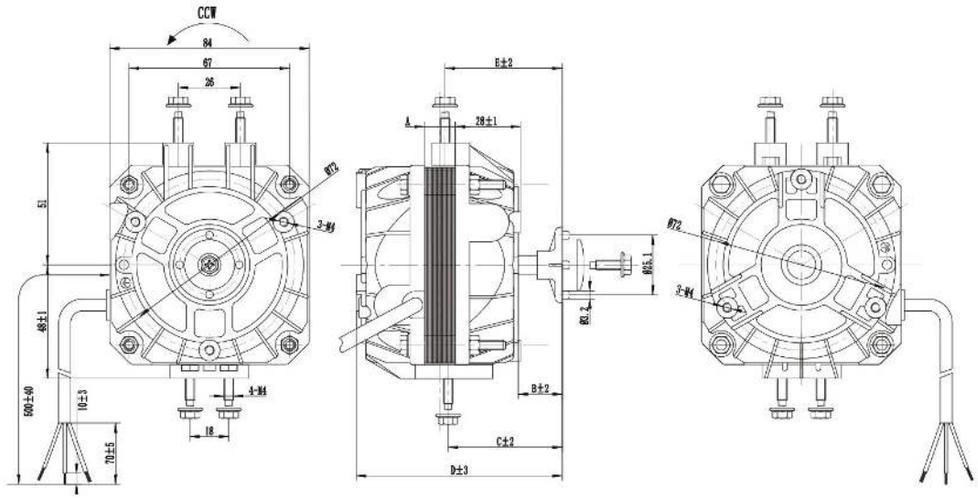
# OAM Series
# Open Frame Motors

AC Motors - 115, 230V

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|---|---|
| Housing | Die Cast Aluminum |
| Connection | 3x Wire Leads, 20 AWG, 500mm length |
| Motor | Single Phase Shaded Pole AC, Impedance or Thermal Protected, Class H Insulation, IP42 Protection Class |
| Bearing System | Dual Ball Bearings |
| Dielectric Strength | 1500VAC/min, <1mA |
| Insulation Resistance | ≥10M Ohm @ 500 VAC |

Operating Temperature
-30°C ~ +60°C

Storage Temperature
-40°C ~ +70°C

Life Expectancy
≥20K Hours

Available Accessories
Motor Support Brackets (BRK-)
Aluminum Impellers (IMP-)
Metal Safety Grille (G***)

Certifications
UL/cUL (115V Models)
VDE (230V Models)
CE (All Models)
UKCA (All Models)

| Model Number | Rated Voltage (Volts AC) | Voltage Range (Volts AC) | Rated Input Power (W) | Output Power (W) | Rated Current (A) | Rated Speed (RPM) | Max Impeller Size (⌀ mm) | Weight (lbs) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OAM82AN-11-1WB | 115 | 110-130 | 33 | 5 | 0.21 | 1500 | 200 | 1.8 | 13 | 20 | 49 | 85 | 50 |
| OAM92AN-11-2WB | 115 | 110-130 | 38 | 7 | 0.23 | 1500 | 230 | 2.4 | 19 | 19 | 51 | 90 | 53 |
| OAM92AN-11-1WB | 115 | 110-130 | 40 | 10 | 0.25 | 1500 | 230 | 2.4 | 19 | 19 | 51 | 90 | 53 |
| OAM97AN-11-1WB | 115 | 110-130 | 60 | 16 | 0.70 | 1500 | 250 | 3.0 | 25 | 17 | 47 | 94 | 57 |
| OAM92AN-22-1WB | 230 | 220-240 | 40 | 10 | 0.25 | 1500 | 230 | 2.4 | 19 | 19 | 51 | 90 | 53 |
| OAM105AN-22-1WB | 230 | 220-240 | 73 | 18 | 0.50 | 1500 | 250 | 3.3 | 30 | 21 | 52 | 103 | 65 |
| OAM114AN-22-1WB | 230 | 220-240 | 95 | 25 | 0.70 | 1500 | 300 | 4.0 | 40 | 18 | 48 | 110 | 74 |
| OAM125AN-22-1WB | 230 | 220-240 | 120 | 34 | 0.60 | 1500 | 300 | 4.4 | 45 | 25 | 118 | 123 | 60 |

* Electrical values shown are for 60 Hz operation.

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Orion Fans
Information and data is subject to change without prior notification