

**VARIADOR DE FRECUENCIA MODELO CIMRJCBA0002BAA, MARCA
YASKAWA**



Technical Details

INPUT POWER SUPPLY: 200 V

RATED OUTPUT CURRENT (HD): 1.6 A

RATED OUTPUT CURRENT (ND): 1.9 A

OVERLOAD TOLERANCE (ND): 120% for 60 s

OVERLOAD TOLERANCE (HD): 150% for 60 s

MAX. APPLICABLE MOTOR POWER (HD): 0.2 kW

MAX. APPLICABLE MOTOR POWER (ND): 0.4 kW

INPUT POWER PHASES: 1-phase

MOTOR TYPE: Induction motor

STANDARDS COMPLIANCE: cUL, CE, RoHS, UL, UKCA

AMBIENT TEMPERATURE (MIN): -10 °C

AMBIENT TEMPERATURE (MAX): 40 °C

AMBIENT TEMPERATURE (MAX) WITH DERATING: 50 °C

MAX. HUMIDITY (NON-CONDENSING): 95 %

MAX. ALTITUDE (WITHOUT DERATING): 1,000 m

MAX. ALTITUDE (WITH DERATING): 3,000 m

HEIGHT: 128 mm

WIDTH: 68 mm

DEPTH: 76 mm

WEIGHT: 0.6 kg

COOLING METHOD: Air cooling

ENCLOSURE: IP20 (without top cover)

ENVIRONMENTAL SPECIFICATIONS: Standard

ANALOG INPUT: 1

ANALOG OUTPUT: 1

DIGITAL INPUT: 5

DIGITAL OUTPUT: 1

TORQUE CONTROL: Not available

BRAKING TRANSISTOR: External

MOTOR THERMAL PROTECTION: Standard

MAX OUTPUT FREQUENCY: 400 Hz

Energy Efficiency Report

Type code 1: CIMR-J*B*0002B**

Series: J1000 Series

Input power supply: 200 V

Rated apparent output power:

Max. applicable motor power 2: 0.4 kW

Overload: 120 % for 60 s normal duty

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Rated output current: 1.9 A

Rated supply frequency: 50 / 60 Hz

Maximum operating temperature: 40 °C

Standby loss with fan OFF/ON3: 4.2 W / -

Drive loss: 17.1 W

Relative loss: 2.4 %



Drive efficiency in percent determined according to IEC 61800-9