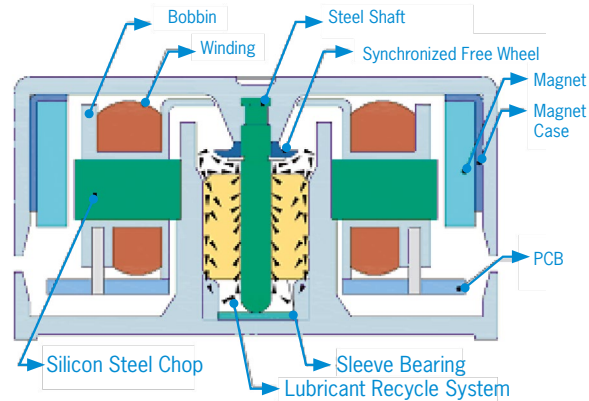


**High Operating Temperature and Long Life Sleeve**

Most fans from Jamicon are available with a new bearing system that is far less expensive than ball bearings, provides longer life than common sleeve bearings and is quieter than ball and sleeve combinations.



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- Cost reduction by standardization
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- More flexibility

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# AC Fans

# DC Fans

## Features

- Operating temperature: -10 °C to 70 °C (ordinary humidity)
- Storage temperature: -40 °C to 70 °C (ordinary humidity)
- Insulation resistance: 100 MOhm minimum at DC 500 V
- Dielectric strength: 1500 VAC for 1 sec (<0.5 mA allowable, between lead and housing)
- Lifetime: at ambient temperature 25 °C and humidity 65 %
- Dual ball bearing: 50,000 hours
- Locked rotor protection: impedance protected
- Insulation class: UL Class A
- Fans are provided with 2 wires and without connector
- Accessories e.g. fan guards, filters etc. on request

## Features

- Operating temperature: -10 °C to 70 °C (ordinary humidity)
- Storage temperature: -40 °C to 70 °C (ordinary humidity)
- Insulation resistance: 10 MOhm at DC 500 V
- Dielectric strength: AC 700 V for 3 sec (<0.5 mA allowable, between lead and housing)
- Lifetime: at ambient temperature 25 °C and humidity 65 %
  - Dual ball bearing: 50,000 to 100,000 hours
  - HTLS bearing: 50,000 to 100,000 hours (Depending upon models and the environmental condition)
- Locked rotor protection: designed to meet UL, CUL and TUV
- Polarity protection: reverse connection at the rated voltage will not cause any damage
- Insulation class: UL Class A
- Fans are provided with 2 wires and without connector
- Accessories e.g. fan guards, filters etc. on request



## Applications

Industry, power supply, automotive, medical equipment, consumer audio, consumer

Model No.	JA1238H2B0N	KA1238H2B1N	JA1225H2B0N
Dimension [mm]	120x120x38	120x120x38	120x120x25
Type	AC	AC	AC
Voltage [V]	230	230	230
Bearing	2 Ball	2 Ball	2 Ball
Airflow [CFM]	85	97	60.82
Noise [dBA]	45.0	42.0	39.4
Speed [RPM]	2600	2600	2250
Input Power [W]	20	21	17
Input Current [A]	0.13	0.16	0.09
Rutronik No.	FAN3385	FAN3456	FAN2758

Model No.	JF0825B1M-R	JF0825B1H-R	JF0825S1H-R	JF0825B2H-R	JF0925B1H-R	JF1225B1H-R	JF1225B2H-R
Dimension [mm]	80x80x25	80x80x25	80x80x25	80x80x25	92x92x25	120x120x25	120x120x25
Type	DC	DC	DC	DC	DC	DC	DC
Voltage [V]	12	12	12	24	12	12	24
Bearing	2 Ball	2 Ball	Sleeve	2 Ball	2 Ball	2 Ball	2 Ball
Airflow [CFM]	32.52	38.74	38.74	38.74	52.04	80.11	80.11
Noise [dBA]	27.8	31.0	31.0	31.0	35.1	39.5	39.5
Speed [RPM]	2500	3000	3000	3000	2800	2400	2400
Input Power [W]	1.56	2.28	2.28	3.12	3.0	3.00	4.8
Input Current [A]	0.13	0.19	0.19	0.13	0.25	0.25	0.20
Rutronik No.	FAN3446	FAN3450	FAN3451	FAN3452	FAN3453	FAN3454	FAN3455