

The logo for Krube, featuring the word "krube" in a bold, lowercase, sans-serif font. The letter "k" is black with a small orange dot above it. The letter "e" is black with a small orange dot above it. The logo is enclosed in a white circle with a blue border.

krube

SPECIFICATION

**MODEL
K-DC385-A12-28**

1.Applicability

1-1.EC axial flow fan for automotive air conditioning.

1-2.Temperature and humidity at the motor end

Temperature -35 °C~+85 °C.

Humidity below RH95%.

1-3.Storage temperature and humidity

Temperature -30°C~+80°C.

Humidity below RH95%, no water or dew on the motor and packaging.

1-4.Using Air Environment

Do not use and store this product in environments with corrosive gases, flammable gases, and dust.

2.Rated parameter

Model	K-DC385-A12-28
Rated voltage	13VDC
Rated voltage range	8.5VDC~17VDC
Power	320W
Input current	24A
Speed	2680RPM
Poles	10
Number of stator phases	3
Protection grade	IP68

3.Air volume report

Voltage	VSP value	Static pressure [Pa]	Current [A]	Speed [RPM]	Air flow [m ³ /h]
13VDC	2	70	3.0	1036	310
	3	76	4.9	1292	1052
	4	102	8.7	1645	1514
	5	138	12.2	1841	1644
	6	150	16.2	2065	2037
	7	164	22	2340	2542
	8	178	27	2500	2792
	9	180	28.6	2560	2894
	9	200	29.1	2535	2725

4. Technical data

Size	φ422
Weight	4.2Kg
Blade material	VO grade nylon glass fiber
Mesh cover material	VO grade nylon glass fiber
Moisture proof level (F)/environmental protection level (H)	F4-1
Number of blades	7 pieces
Balance quality according to DIN ISO 1940-1	G10
Rotation direction	Right side view of rotor
Insulation level	B
Environmental temperature description	Over+90 °C with power derating
Installation position	Arbitrarily
Motor bearing structure	Ball bearing (rubber cover)
Life	40000H
Technical equipment	Fault output terminal (maximum 30mA for high side switch)
	Motor current limit
	Soft start
	0-10VDC/PWM control terminal input
	Voltage protection
	Electronic equipment overheating protection
	Low voltage protection
Motor protection device	Under voltage alarm
	Under voltage alarm
	Overcurrent alarm
	Overcurrent alarm

5. Outline drawing

