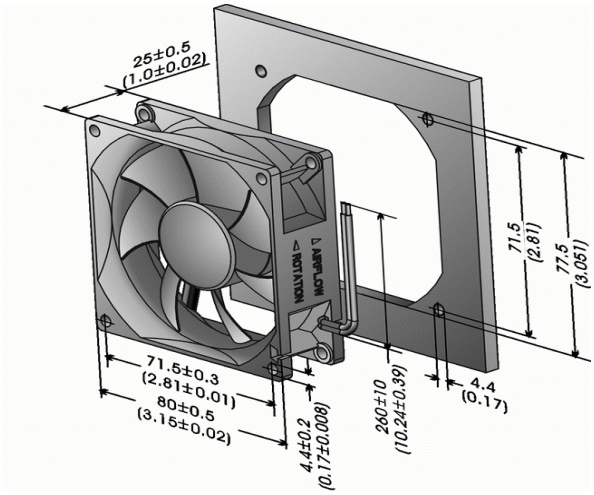
DC Fan Motor MODEL: C8025

PELKO FANS presented by MICRONEL

80 x 80 x 25 mm (3.15 x 3.15 x 1.0 in)

Dimensions are in millimeters. ( ) are in inches.



GENERAL INFORMATION

- All readings are typical values at rated voltage.
- C8025: 0.72~2.52W, 31~47.6CFM, 2.2~4.9mmAq
- Motor: Brushless DC with permanent magnet.
- Frame: Thermoplastic PBT (GF 30%), UL94-V0
- Impeller: Thermoplastic PBT (GF 15%), UL94-V0
- Lead Wire: Type UL 1007, AWG#28, Red (+), Black (-), Yellow (FG) , Grey (RD)
- Bearing / Life Expectancy: Sleeve (30,000hr) or ball bearing (50,000hr) @ 25℃ TA.
- Dielectric Strength: 500VAC (1mA/1min) or 600VAC (2 sec.) frame to lead wires.
- Insulation Resistance: > 10M ohm, Tested @ 500VDC frame to lead wire.
- Standards: UL,cUL, CE
- Weight: 76.0g (2.66oz) / 135pcs/ carton

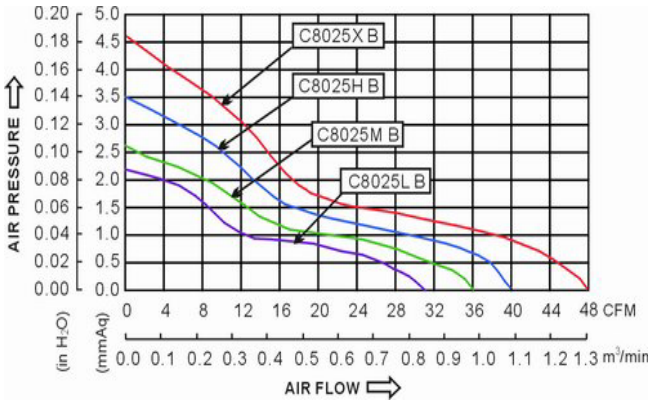
FEATURES

1. C Type is standard product with A/S, FG or RD functions.
2. Each part # of a fan motor has a small suffix letter " x" which identifies the maxiumu features applicable in the model. Features are numbered from 0 ~ 2 as follows:

   Suffix: x = 0 = RP - Reverse Polarity Protection (Standard feature)
   1 = A/S - Autostart (Standard feature)
   2 = FG - Freq. Generator (Optional Feature) , or ,
   2 = RD - Rotation Detector (Optional Feature)
3. When ordering please specify the required features by "RP", "A/S" etc.
   Examples: C8025H12BPLB1, means that the fan has " A/S" Function
   C8025H12BPLB2, means that the fan has " A/S" + " FG or RD " Function

PART NUMBER	BEARING SYSTEM	VOLTAGE (VDC)	RANGE (VDC)	CURRENT (Amp.)	POWER (Watts)	SPEED (RPM)	AIR FLOW m3/min	AIR FLOW CFM	PRESSURE mmAq	PRESSURE In H2O	NOISE (dBA)
C8025X12BPLPx	BALL	12	7-14	0.21	2.52	3600	1.35	47.6	4.9	0.19	36.05
C8025H12BPLPx				0.16	1.92	3000	1.13	40.0	3.5	0.14	26.40
C8025M12BPLPx				0.12	1.44	2600	1.02	36.0	2.6	0.10	25.20
C8025L12BPLPx				0.09	1.08	2200	0.88	31.0	2.2	0.09	22.10
C8025H24BPLPx	BALL	24	12~27	0.06	1.44	3000	1.13	40.0	3.5	0.14	26.40
C8025M24BPLPx				0.05	1.20	2600	1.02	36.0	2.6	0.10	25.20
C8025L24BPLPx				0.03	0.72	2200	0.88	31.0	2.2	0.09	22.10

PERFORMANCE CURVE



NOTE: * The performance of the sleeve types maybe slightly lower at the same input power.

* Specifications are subject to change without notice.

* Specific customer requests are welcome.

* Data updated: 6/17/03

MICRONEL AG • Zürcherstrasse 51 • CH-8317 Tagelswangen • Switzerland • Tel. ++41(0)52 355 16 16 • Fax ++41(0)52 355 16 20
E-mail: info@micronel.com www.micronel.ch