



SERIES: CBM-40B | **DESCRIPTION:** DC BLOWER

FEATURES

- dual ball bearing
- 40 x 40 mm frame
- multiple speed options
- PWM/tachometer wires available

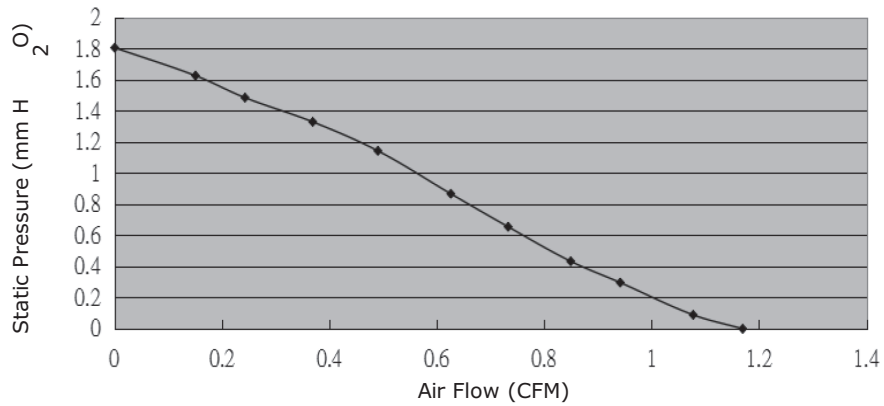


MODEL

	input voltage		input current ¹		input power ¹		rated speed ¹	airflow ²	static pressure ³	noise ⁴
	rated [Vdc]	range [Vdc]	typ [A]	max [A]	typ [W]	max [W]	typ [RPM±15%]	[CFM]	[inch H ₂ O]	typ [dBA]
CBM-4010B-140-178	12	10.8~13.2	0.05	0.08	0.60	0.96	4,000 ⁵	1.17	0.07	17.8

PERFORMANCE CURVES

CBM-4010B-140-178



CBM - 4010B - 140 - 178 - XX - CXX

Base Number

Fan Signals
 "blank" = no signals
 20 = tachometer signal
 22 = tachometer signal / PWM control signal

Reserved for Custom Configurations

MECHANICAL

parameter	conditions/description	min	typ	max	units
motor	4 pole DC brushless				
bearing system	dual ball bearing				
direction of rotation	counter-clockwise viewed from front of fan blade				
dimensions	CBM-4010B models: 39.5 x 39.5 x 10 CBM-4020B models: 40.5 x 40.5 x 19.5				mm mm
material	PBT (UL94V-0)				
weight	CBM-4010B models CBM-4020B models		11.8 24		g g

MECHANICAL DRAWING

units: mm

2 wire versions (+Vin & -Vin): UL 1061, 26 AWG
 3 wire versions (+Vin, -Vin, & tach): UL 1061, 26 AWG
 4 wire versions (+Vin, -Vin, tach, & PWM): UL 1061, 28 AWG

MOUNTING SCREW (Pan Head)			
Screw Type	Size	Standard	Torque
Machine Screw	M2	JIS B1111-1974	1-2 kgf-cm

CBM-4010B

WIRE CONNECTIONS	
Wire Color	Function
Red	+Vin
Black	-Vin
Yellow ¹⁾	Tach Signal
Blue ¹⁾	PWM

