05020GA (ø50 x 20L)

Legacy Part No. BM5020

DC Blowers

General Specifications

Motor Protection:
Auto Restart/Polarity Protection

Insulation Resistance:
10M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:
K-L Class: -10°C ~ +70°C (Operating)
M Class: -10°C ~ +60°C (Operating)
-40°C ~ +70°C (Storage)
(non-condensing environment)

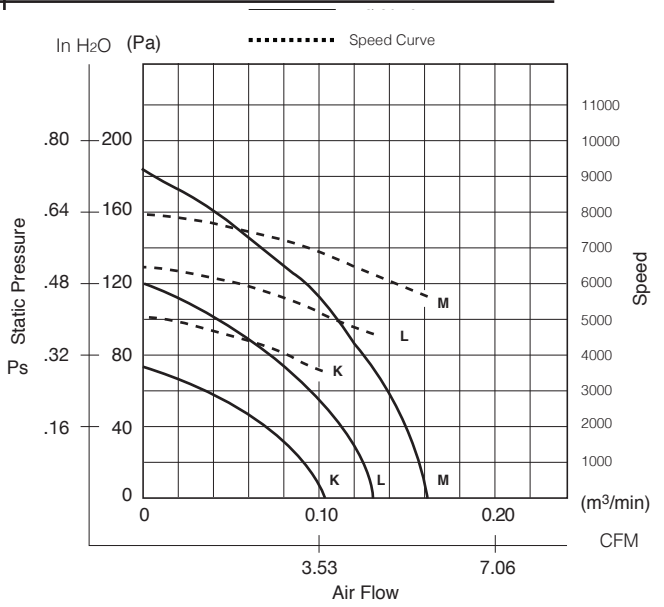
Expected Life

Failure Rate: 10%
25°C 50,000 Hours

Material

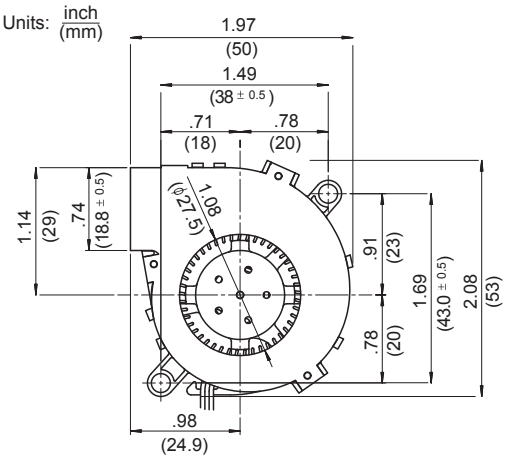
Casing : Plastic (Black) UL94V-0
Impeller : Plastic (Black) UL94V-0
Bearing : Ball Bearing
Lead Wire : UL1061, AWG26, +Red, -Black

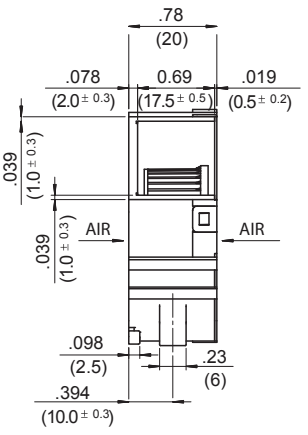
Characteristic Curves

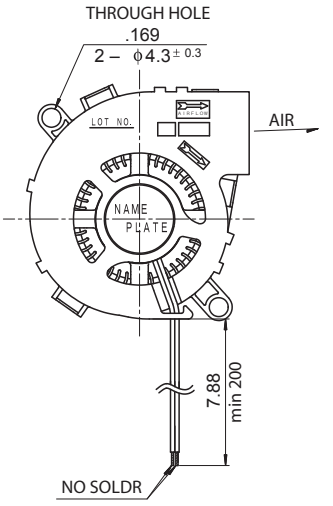


Outline

Units: inch (mm)







Specifications

MODEL	LEGACY P/N	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A)*1	(W)*1	(min-1)*1	CFM*1	(m3/min)*1	in H2O	(Pa)*1	(dB)*1	(g)
05020GA-05L-AA-00	BM5020-01W-B30-L00	5	4.5 ~ 5.5	0.34	1.70	4600	4.6	0.13	.50	124	27.0	30
05020GA-12K-AA-00	BM5020-04W-B20-L00	12	4.5 ~ 13.8	0.07	0.84	3600	3.5	0.10	.30	75	20.0	30
05020GA-12M-AA-00	BM5020-04W-B40-L00	12	4.5 ~ 13.8	0.18	2.16	5600	5.6	0.16	.74	184	32.0	30
05020GA-24M-AA-00	BM5020-05W-B40-L00	24	12.0 ~ 25.2	0.08	1.92	5600	5.6	0.16	.74	184	32.0	30

Rotation: Clockwise label side *1: Average Values in Free Air PWM/Locked Rotor/Tach Available