

DC BRUSHLESS FAN



52557



E195760



RoHS
compliant
2002/95/EC

40X40X20 III



AXIAL FAN

BEARING TYPE

2-Ball Bearing
70K hours* at 40 °C
* Based on estimated MTBF

TEMPERATURE

Storage: -40 ~ +70 °C
Operating: -10 ~ +70 °C

MATERIAL

Impeller: PBT85% + FIBER15% (UL 94V-0)
Frame: PBT85% + FIBER15% (UL 94V-0)

LEAD WIRES

12" wire
UL 1007, AWG #26/28

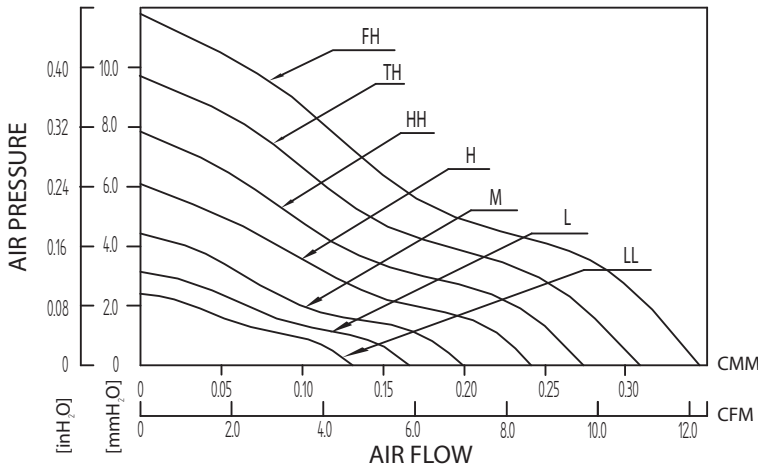
WEIGHT

25 Grams (0.88 oz.)

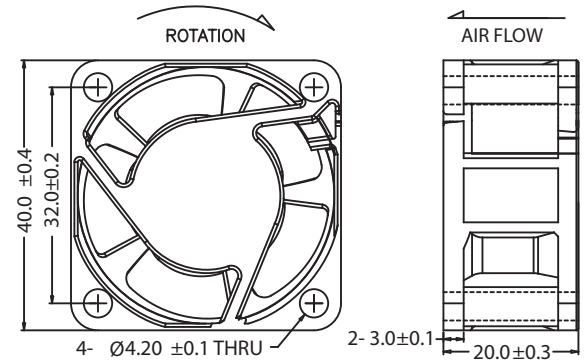
OPTIONAL FEATURES

Tachometer
Temperature Sensor
PWM
Locked Rotor
IP55

AIR PRESSURE vs. AIR FLOW



DIMENSIONS DRAWING



Units [mm]

Model Number	Rated Voltage	Operating Voltage	Rated Current	Actual Current	Rated Power	Rated Speed	Maximum Air Flow		Maximum Static Air Pressure		Noise Level
	[V]	[V]	[A]	[A]	[W]	[RPM]	[CMM]	[CFM]	[mmH ₂ O]	[inH ₂ O]	[dBA]
F-4020L05B III	5	4.5~5.5	0.26	0.07	1.30	5000	0.17	5.87	3.15	0.12	21.30
F-4020M05B III	5	4.5~5.5	0.32	0.10	1.60	6000	0.20	7.04	4.45	0.18	24.30
F-4020H05B III	5	4.5~5.5	0.38	0.14	1.90	7000	0.24	8.47	6.06	0.24	27.20
F-4020HH05B III	5	4.5~5.5	0.44	0.18	2.20	8000	0.27	9.67	7.84	0.31	31.30
F-4020TH05B III	5	4.5~5.5	0.50	0.23	2.50	9000	0.31	10.90	9.79	0.39	34.90
F-4020L12B III	12	8~13.8	0.12	0.04	1.44	5000	0.17	5.87	3.15	0.12	21.30
F-4020M12B III	12	8~13.8	0.16	0.05	1.92	6000	0.20	7.04	4.45	0.18	24.30
F-4020H12B III	12	8~13.8	0.20	0.07	2.40	7000	0.24	8.47	6.06	0.24	27.20
F-4020HH12B III	12	8~13.8	0.24	0.09	2.88	8000	0.27	9.67	7.84	0.31	31.30
F-4020TH12B III	12	8~13.8	0.28	0.10	3.36	9000	0.31	10.90	9.79	0.39	34.90
F-4020FH12B III	12	8~13.8	0.32	0.12	3.84	10000	0.35	12.17	11.82	0.47	38.50
F-4020M24B III	24	18~27.6	0.09	0.04	2.16	6000	0.20	7.04	4.45	0.18	24.30
F-4020H24B III	24	18~27.6	0.11	0.05	2.64	7000	0.24	8.47	6.06	0.24	27.20
F-4020HH24B III	24	18~27.6	0.13	0.06	3.12	8000	0.27	9.67	7.84	0.31	31.30
F-4020TH24B III	24	18~27.6	0.15	0.08	3.60	9000	0.31	10.90	9.79	0.39	34.90

** Specifications are subject to change without notice.

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