



iMINI FAN

Micro, ultra-thin, and
lightweight

DC BRUSHLESS
Axial Fan and Blower
RoHS compliant

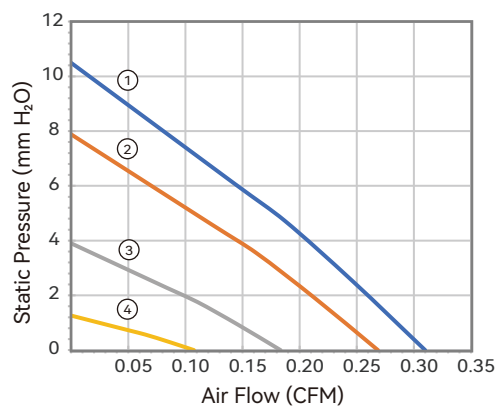
HUOAZHUN

15X15X3 mm

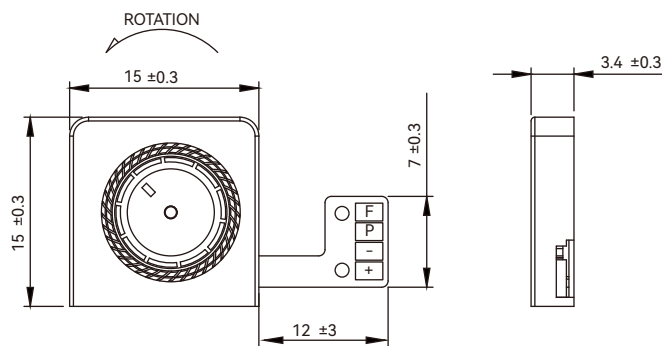


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 0.92 g

■ Air Flow-Static Pressure Characteristics

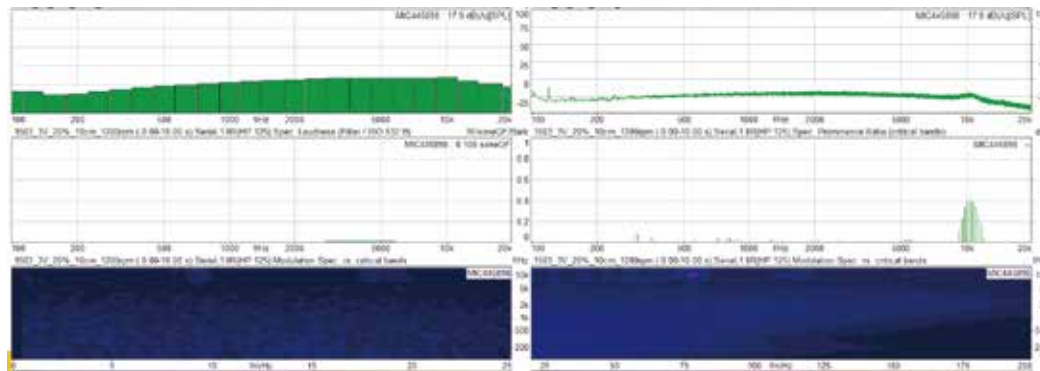


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B1533H H40N10N0	3	2.5~3.5	-10~60	22500	0.250	0.75	0.31	8.78	102.9	10.49	37.6
② M1B1533H H40N20N0	3	2.5~3.5	-10~60	19500	0.160	0.48	0.27	7.61	77.3	7.88	34.7
③ M1B1533H H40N30N0	3	2.5~3.5	-10~60	13300	0.094	0.28	0.18	5.19	38.2	3.90	26.8
④ M1B1533H H40N40N0	3	2.5~3.5	-10~60	7800	0.043	0.13	0.11	3.04	12.4	1.26	15.8

■ 20% Duty Speed Sound Quality Spectrum



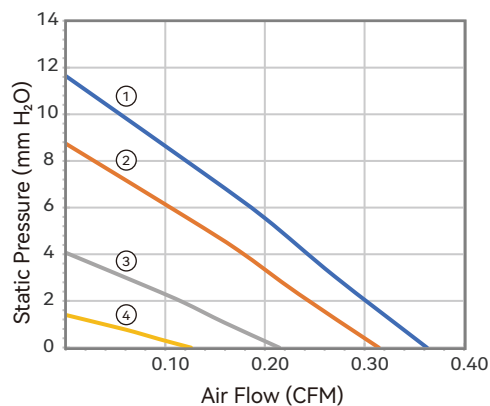
15X15X3 mm

Colored Metal Fan Blades

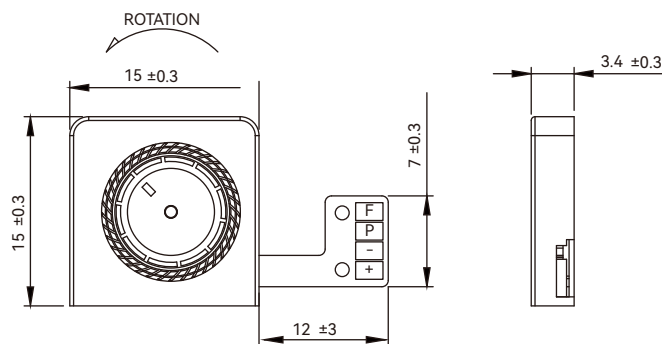


- Housing: Plastic (UL 94V-0)
- Impeller: Metal
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 1.15 g

■ Air Flow-Static Pressure Characteristics

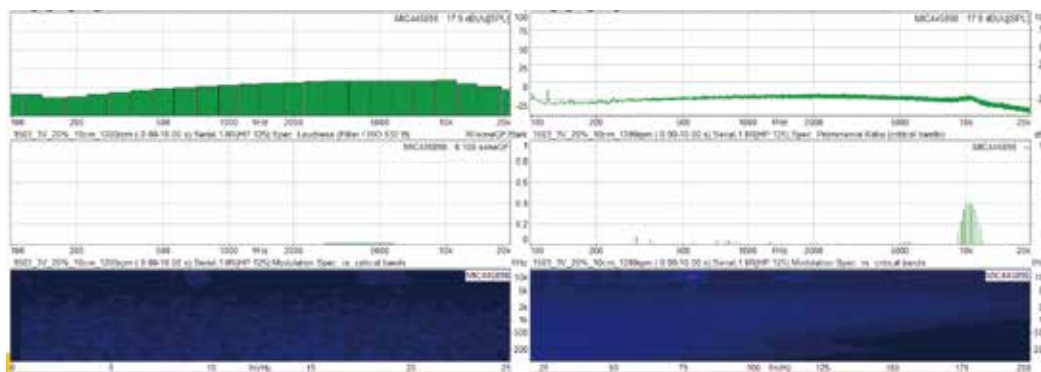


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B1533H H40N10M0	3	2.5~3.5	-10~60	22500	0.250	0.75	0.36	10.27	114.2	11.64	36.9
② M1B1533H H40N20M0	3	2.5~3.5	-10~60	19500	0.160	0.48	0.31	8.90	85.8	8.74	33.9
③ M1B1533H H40N30M0	3	2.5~3.5	-10~60	13300	0.094	0.28	0.21	6.07	39.9	4.07	25.7
④ M1B1533H H40N40M0	3	2.5~3.5	-10~60	7800	0.043	0.13	0.13	3.56	13.7	1.40	15.0

■ 20% Duty Speed Sound Quality Spectrum

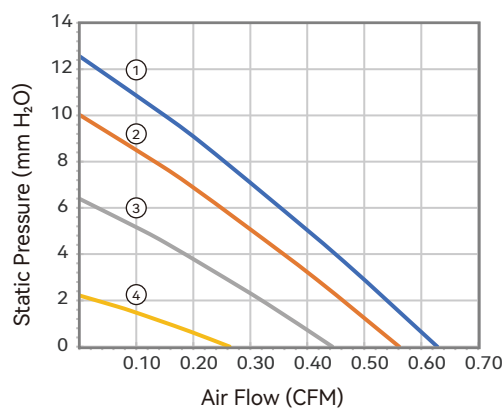


17X17X3 mm

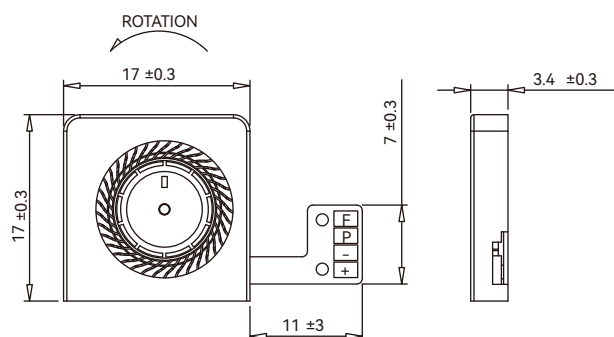


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 1.09 g

■ Air Flow-Static Pressure Characteristics

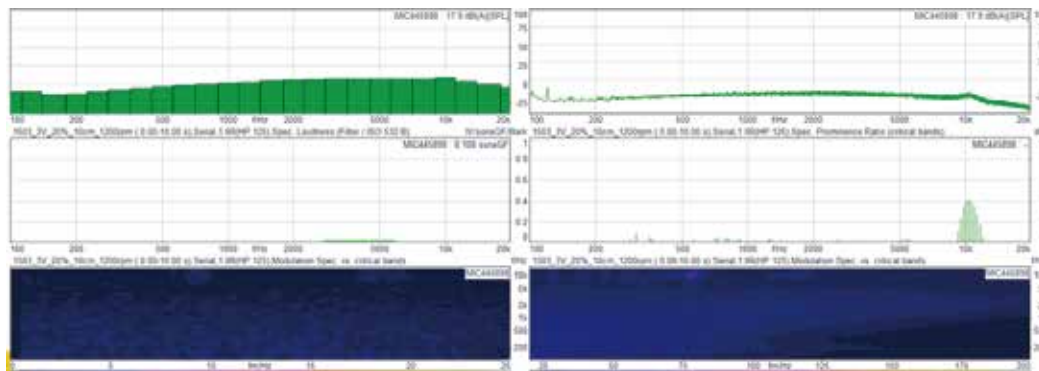


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B1733H HQ4010	3	2.5~3.5	-10~60	20600	0.250	0.75	0.44	12.40	122.5	12.49	40.0
② M1B1733H HQ4020	3	2.5~3.5	-10~60	16700	0.160	0.48	0.36	10.05	80.5	8.21	35.6
③ M1B1733H HQ4030	3	2.5~3.5	-10~60	12100	0.095	0.29	0.26	7.28	45.6	4.65	26.5
④ M1B1733H HQ4040	3	2.5~3.5	-10~60	7600	0.043	0.13	0.16	4.58	16.7	1.70	19.4

■ 20% Duty Speed Sound Quality Spectrum

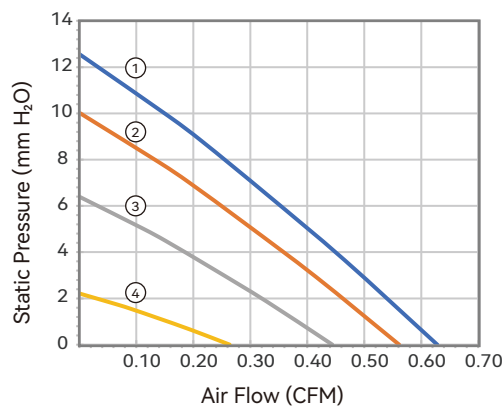


20X20X3 mm

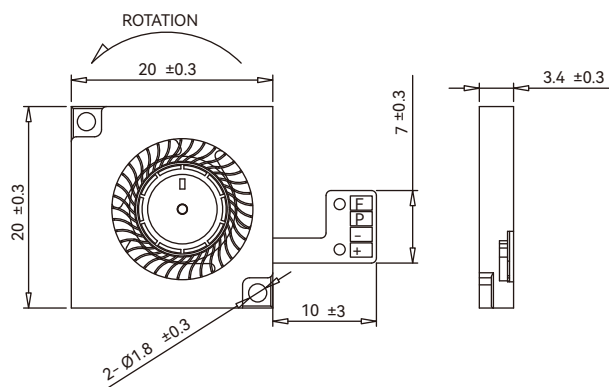


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 1.18 g

■ Air Flow-Static Pressure Characteristics

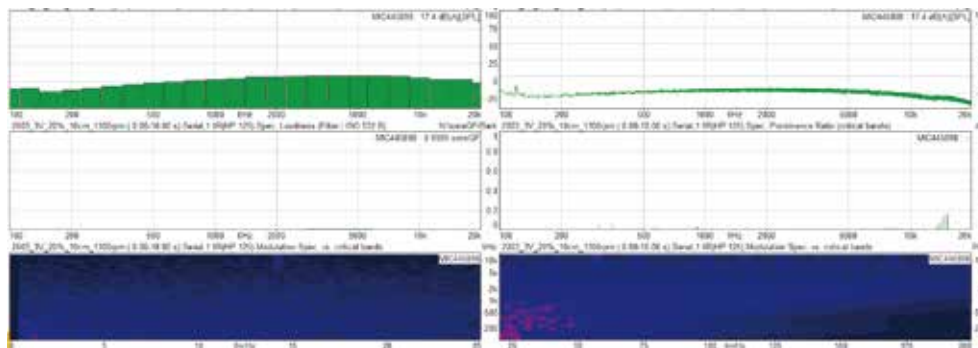


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B2033H HQ4010	3	2.5~3.5	-10~60	15000	0.250	0.750	0.63	17.78	123.2	12.56	36.7
② M1B2033H HQ4020	3	2.5~3.5	-10~60	13400	0.160	0.480	0.56	15.89	98.3	10.03	34.3
③ M1B2033H HQ4030	3	2.5~3.5	-10~60	10600	0.096	0.288	0.44	12.57	62.8	6.40	29.5
④ M1B2033H HQ4040	3	2.5~3.5	-10~60	6300	0.045	0.135	0.26	7.47	21.7	2.22	18.8

■ 20% Duty Speed Sound Quality Spectrum

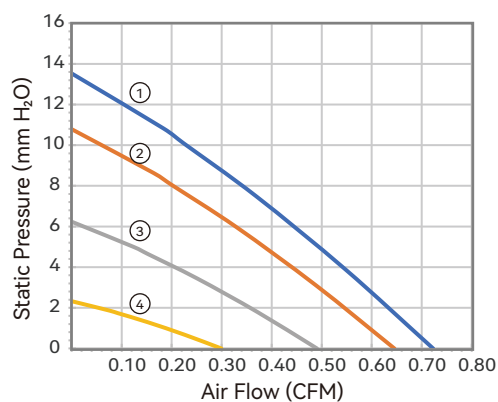


20X20X5 mm

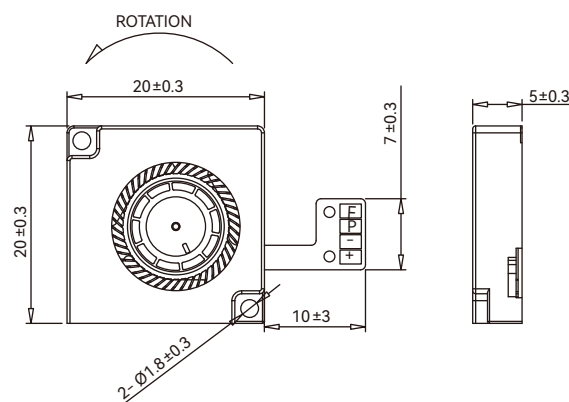


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 1.35 g

■ Air Flow-Static Pressure Characteristics

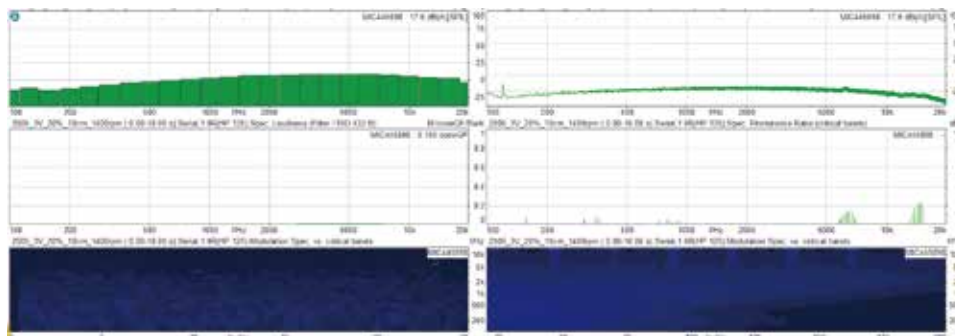


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B2053H H40N10N0	3	2.5~3.5	-10~60	14000	0.250	0.750	0.72	20.47	132.7	13.53	35.6
② M1B2053H H40N20N0	3	2.5~3.5	-10~60	12500	0.160	0.480	0.65	18.27	105.8	10.79	33.2
③ M1B2053H H40N30N0	3	2.5~3.5	-10~60	9500	0.096	0.288	0.49	13.89	61.1	6.23	27.6
④ M1B2053H H40N40N0	3	2.5~3.5	-10~60	5800	0.045	0.135	0.30	8.48	22.8	2.32	17.4

■ 20% Duty Speed Sound Quality Spectrum

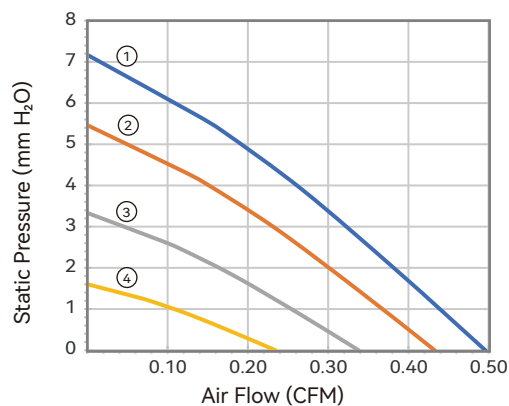


25X25X3 mm

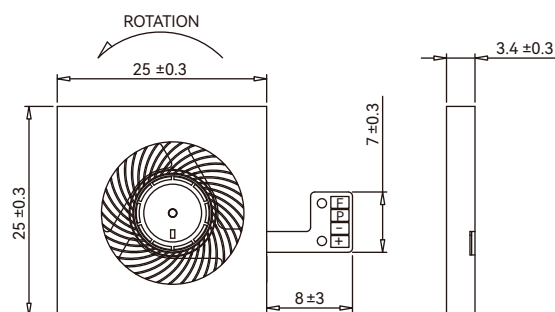


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 1.6 g

■ Air Flow-Static Pressure Characteristics

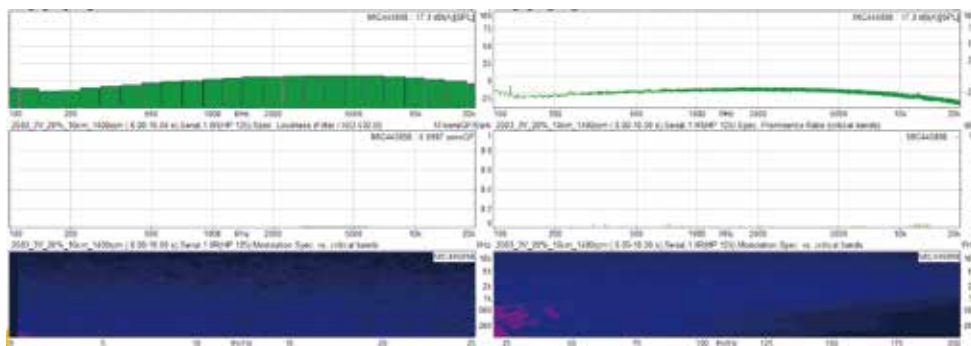


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B2533H H40N10N0	3	2.5~3.5	-10~60	11000	0.250	0.750	0.50	14.05	70.3	7.17	26.7
② M1B2533H H40N20N0	3	2.5~3.5	-10~60	9600	0.160	0.480	0.43	12.26	53.6	5.46	23.9
③ M1B2533H H40N30N0	3	2.5~3.5	-10~60	7500	0.096	0.288	0.34	9.58	32.7	3.33	18.8
④ M1B2533H H40N40N0	3	2.5~3.5	-10~60	5200	0.045	0.135	0.23	6.64	15.7	1.60	11.2

■ 20% Duty Speed Sound Quality Spectrum

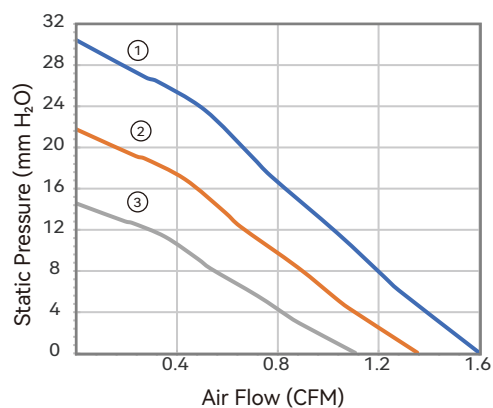


26X26X6 mm

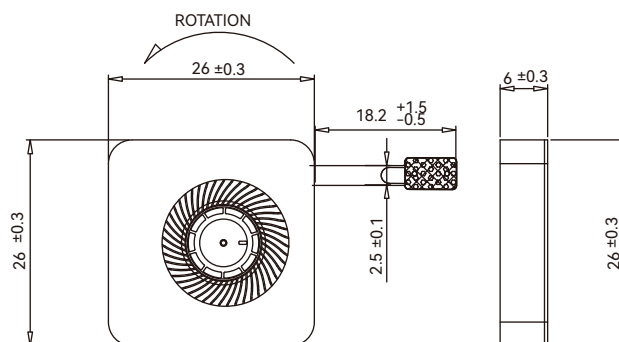


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 3 g

■ Air Flow-Static Pressure Characteristics



■ Dimensions Drawing (mm)



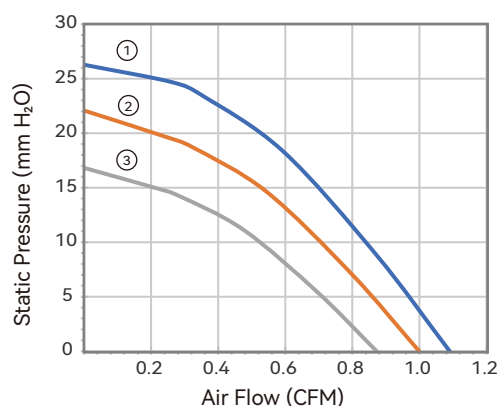
Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B2660H H40N10N0	5	3.5 ~ 5.5	-10~60	13000	0.27	1.35	1.60	45.31	298	30.4	40.6
② M1B2660H H40N20N0	5	3.5 ~ 5.5	-10~60	11000	0.17	0.85	1.35	38.23	214	21.8	34.6
③ M1B2660H H40N30N0	5	3.5 ~ 5.5	-10~60	9000	0.09	0.45	1.11	31.43	143	14.6	30.3

30X30X3 mm

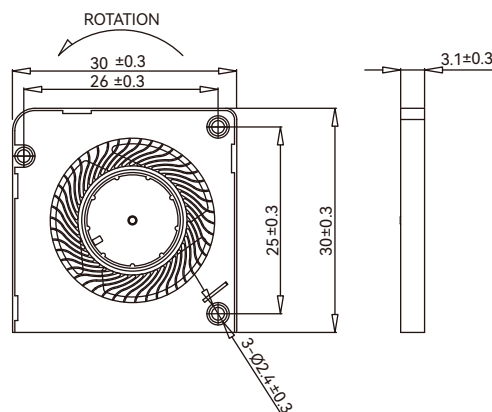


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 3.45 g

■ Air Flow-Static Pressure Characteristics

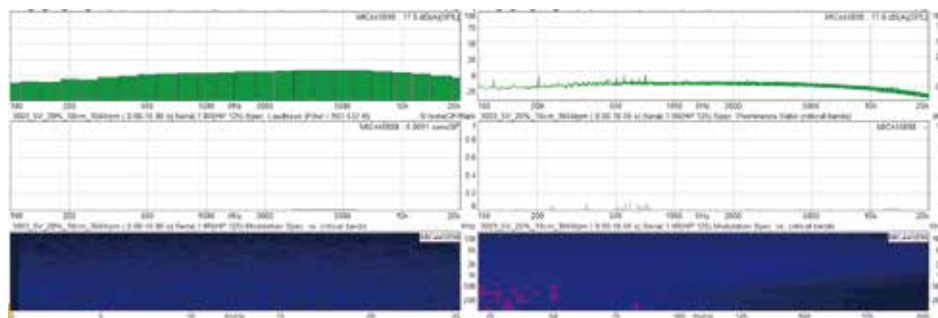


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B3030H H40N10N0	5	3.5~5.5	-10~60	12200	0.37	1.86	1.09	30.87	258	26.3	30.1
② M1B3030H H40N20N0	5	3.5~5.5	-10~60	11000	0.26	1.30	1.00	28.29	216	22.1	28.3
③ M1B3030H H40N30N0	5	3.5~5.5	-10~60	9600	0.18	0.91	0.87	24.69	165	16.8	25.0

■ 20% Duty Speed Sound Quality Spectrum



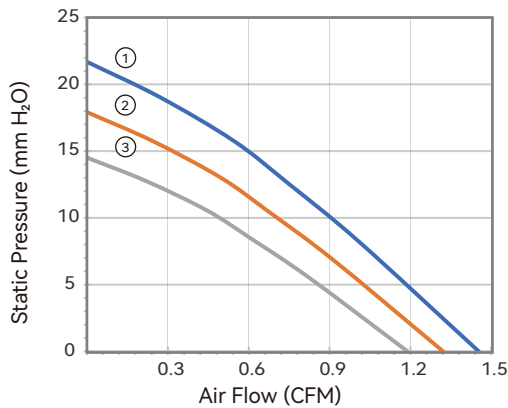
30X30X4 mm

High Air Flow

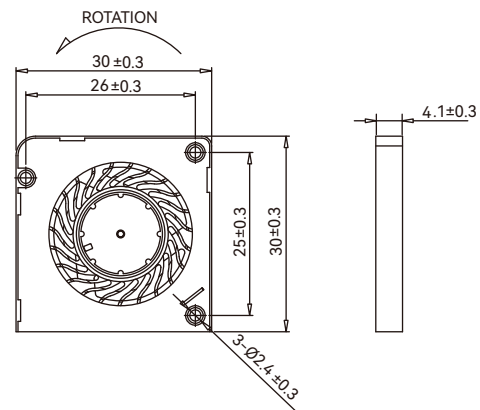


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 5.6 g

■ Air Flow-Static Pressure Characteristics

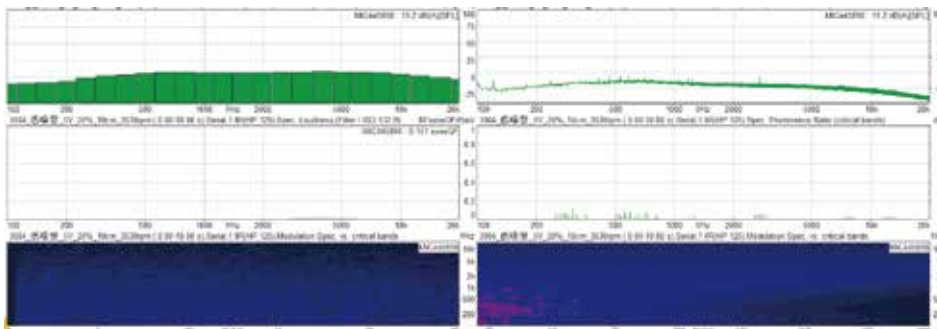


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @1M dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B3040H HQ4010	5	3.5~5.5	-10~60	11000	0.38	1.88	1.45	41.17	212	21.7	32.5
② M1B3040H HQ4020	5	3.5~5.5	-10~60	10000	0.26	1.30	1.32	37.42	176	17.9	30.7
③ M1B3040H HQ4030	5	3.5~5.5	-10~60	9000	0.18	0.92	1.19	33.68	142	14.5	28.0

■ 20% Duty Speed Sound Quality Spectrum



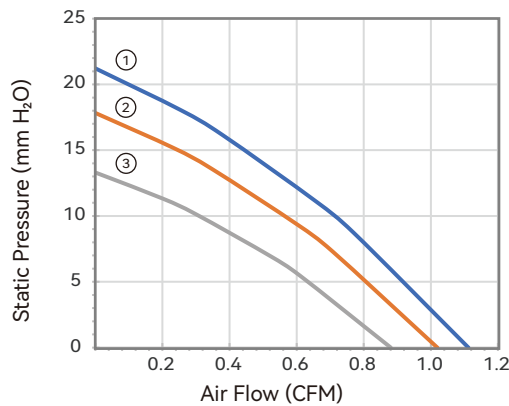
30X30X4 mm

Low Noise

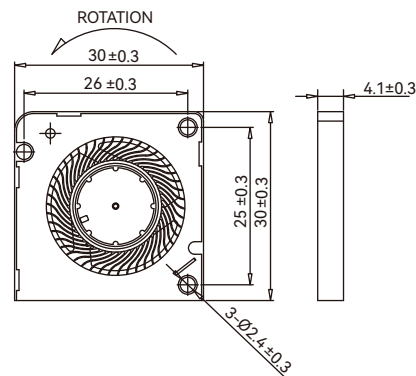


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 5.6 g

■ Air Flow-Static Pressure Characteristics

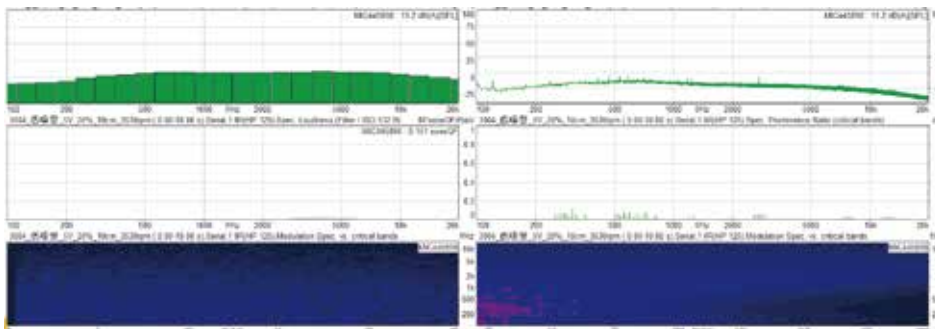


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @1M dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B3040H HQ4N10	5	3.5~5.5	-10~60	12000	0.38	1.88	1.11	31.48	208	21.2	30.9
② M1B3040H HQ4N20	5	3.5~5.5	-10~60	11000	0.26	1.30	1.02	28.86	175	17.8	28.8
③ M1B3040H HQ4N30	5	3.5~5.5	-10~60	9500	0.18	0.90	0.88	24.92	130	13.3	25.9

■ 20% Duty Speed Sound Quality Spectrum

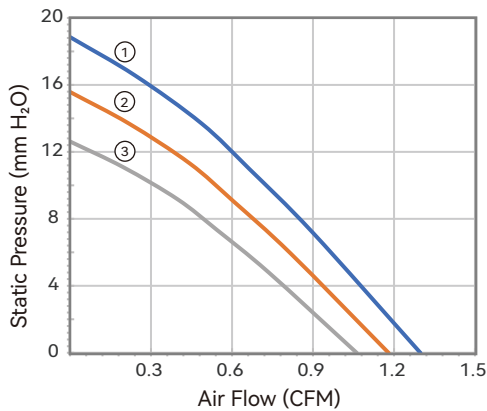


30X30X4 mm

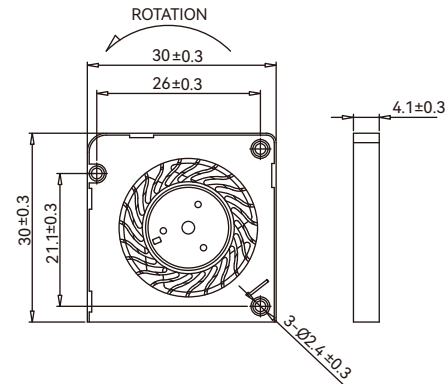


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 5.6 g

■ Air Flow-Static Pressure Characteristics

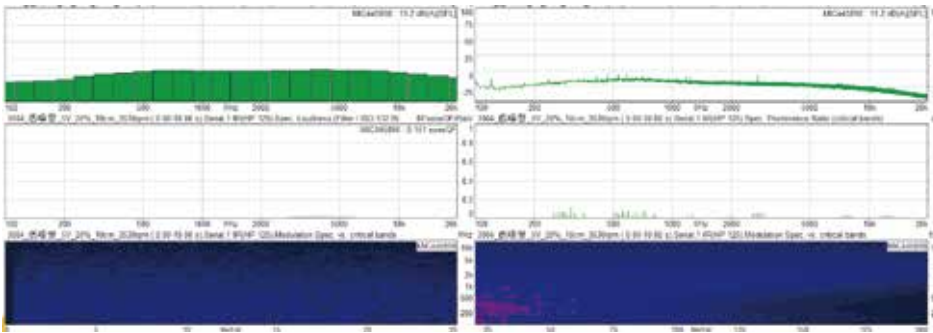


■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @1M dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M1B3040H HQ4C10	5	3.5 ~ 5.5	-10~60	11000	0.38	1.88	1.30	36.76	185	18.9	33.5
② M1B3040H HQ4C20	5	3.5 ~ 5.5	-10~60	10000	0.26	1.30	1.18	33.41	153	15.6	31.9
③ M1B3040H HQ4C30	5	3.5 ~ 5.5	-10~60	9000	0.18	0.92	1.06	30.07	124	12.6	29.8

■ 20% Duty Speed Sound Quality Spectrum

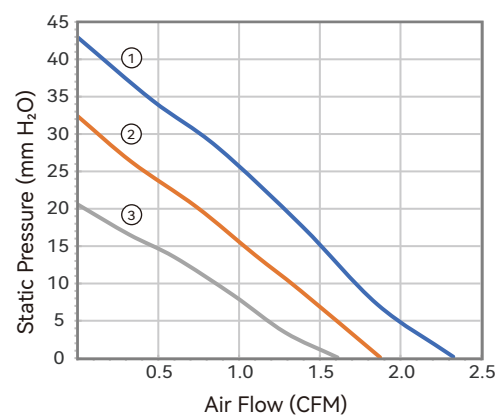


30X30X5 mm

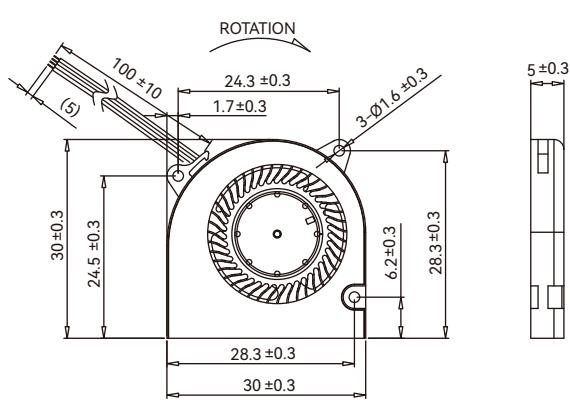


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 3.2 g

■ Air Flow-Static Pressure Characteristics



■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M3B3050H H40N10N0	5	3.5 ~ 5.5	-10~60	13000	0.45	2.25	2.33	65.98	421	43.0	47.2
② M3B3050H H40N20N0	5	3.5 ~ 5.5	-10~60	11000	0.32	1.60	1.87	52.95	317	32.4	43.5
③ M3B3050H H40N30N0	5	3.5 ~ 5.5	-10~60	9000	0.15	0.75	1.61	45.59	202	20.6	37.5

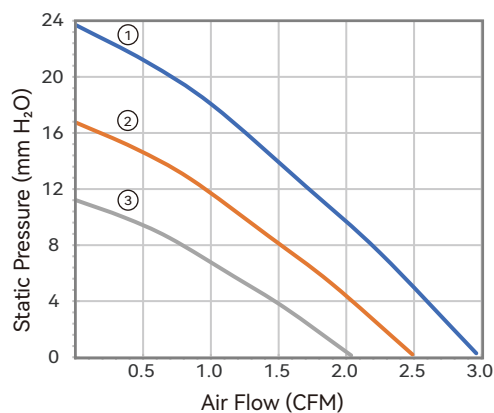
Notes: Specifications are subject to change without notice. Please refer to the product data sheet provided by our sales.
<https://www.i-hzlw.com>

30X30X9 mm

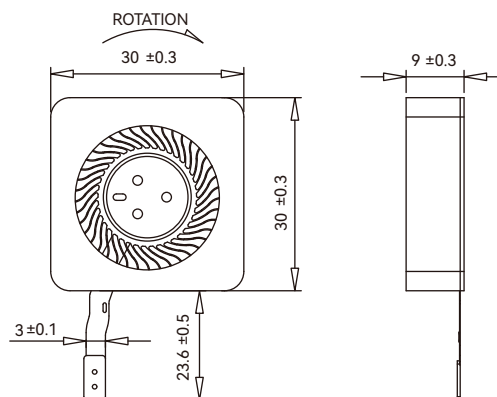


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-FG/PWM
- Weight: 3.8 g

■ Air Flow-Static Pressure Characteristics



■ Dimensions Drawing (mm)



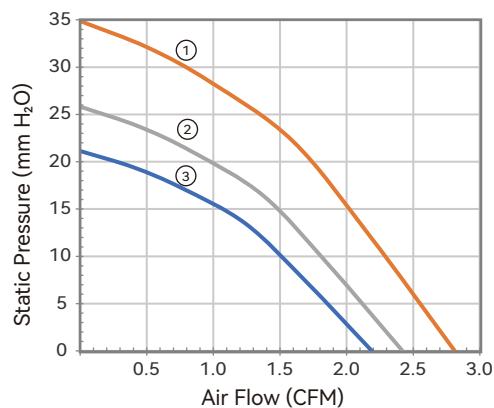
Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M3B3090H H40N10N0	5	3.5 ~ 5.5	-10~60	13000	0.29	1.45	2.96	83.82	232	23.7	53.0
② M3B3090H H40N20N0	5	3.5 ~ 5.5	-10~60	11000	0.18	0.90	2.49	70.51	165	16.8	47.6
③ M3B3090H H40N30N0	5	3.5 ~ 5.5	-10~60	9000	0.10	0.50	2.10	59.47	111	11.3	43.2

35X35X5 mm

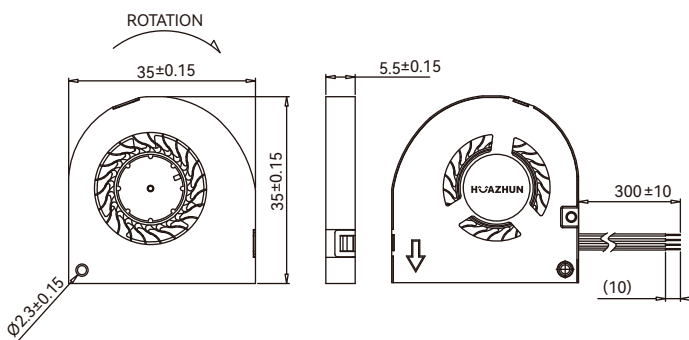


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 7.5 g

■ Air Flow-Static Pressure Characteristics



■ Dimensions Drawing (mm)



Model No.	Rated Voltage VDC	Operating Voltage Range VDC	Operating Temp. °C	Speed RPM	Input Current Amp	Input Power Watts	Maximum Air Flow		Maximum Air Pressure		Noise @30cm dB(A)
							CFM	l/min	Pa	mmH ₂ O	
① M3B3550H HQ4010	5	3.5~5.5	-10~60	12200	0.36	1.80	2.81	79.62	342	34.9	37.1
② M3B3550H HQ4020	5	3.5~5.5	-10~60	10500	0.19	0.97	2.42	68.53	253	25.8	33.9
③ M3B3550H HQ4030	5	3.5~5.5	-10~60	9500	0.14	0.69	2.19	62.00	207	21.1	31.7

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