



# iMINI FAN

Micro, ultra-thin, and  
lightweight

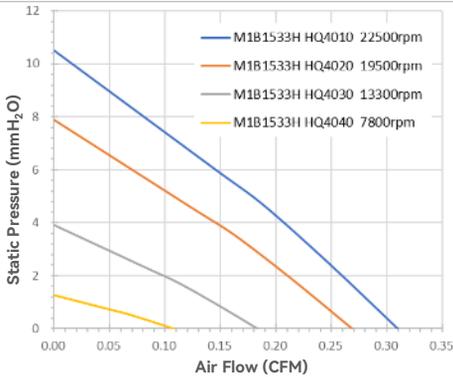
**DC BRUSHLESS**  
Axial Fan and Blower  
RoHS compliant

**HUAZHUN**

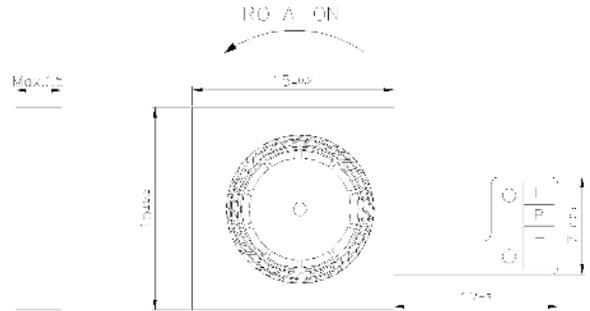


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 0.92 g

### ■ Air Flow-Static Pressure Characteristics

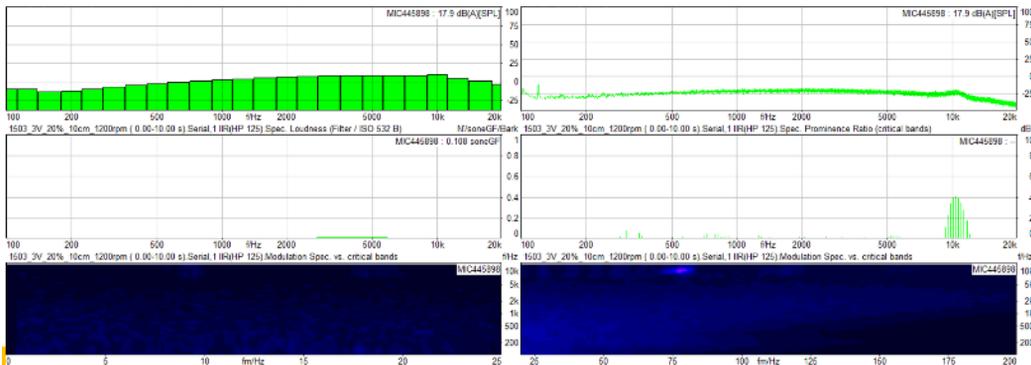


### ■ Dimensions drawing (mm)



Model No.		Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @30CM
		VDC	VDC	°C	RPM	Amp	Watt	CFM	l/min	Pa	mmH <sub>2</sub> O	dB(A)
M1B1533H	HQ4010	3	2.5~3.5	-10~60	22500	0.25	0.75	0.31	8.78	102.9	10.49	37.6
M1B1533H	HQ4020	3	2.5~3.5	-10~60	19500	0.16	0.48	0.27	7.61	77.3	7.88	34.7
M1B1533H	HQ4030	3	2.5~3.5	-10~60	13300	0.094	0.28	0.18	5.19	38.2	3.90	26.8
M1B1533H	HQ4040	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

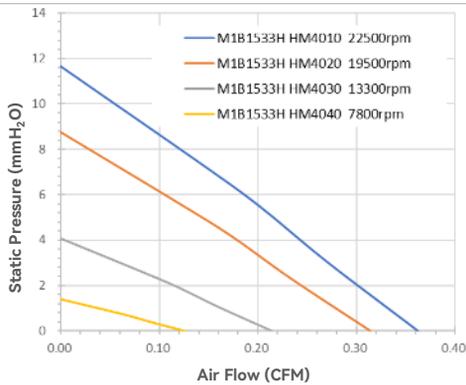


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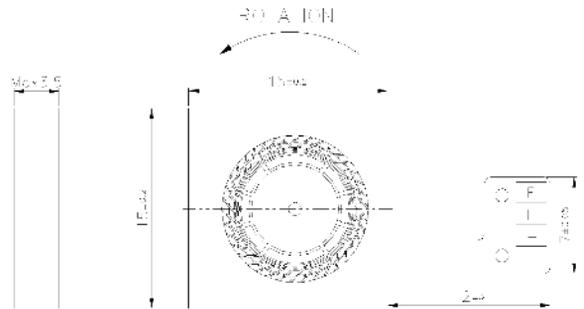


- Housing: Plastic (UL 94V-0)
- Impeller: Metal
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 1.15 g

### ■ Air Flow-Static Pressure Characteristics

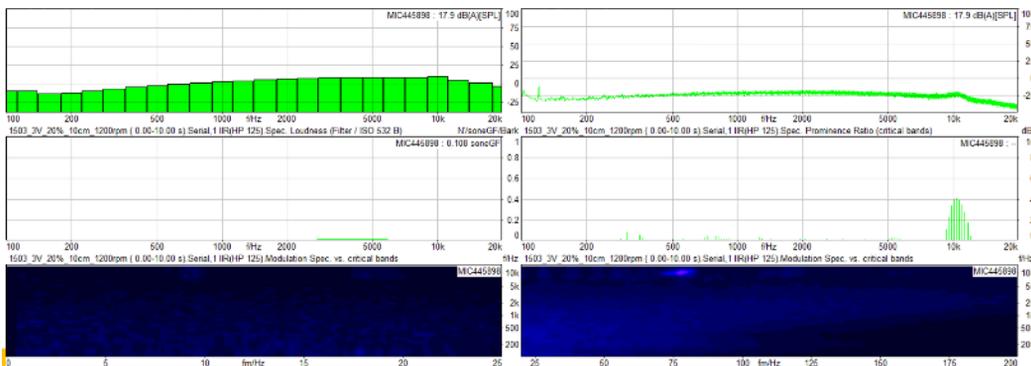


### ■ Dimensions drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @30CM
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M1B1533H HM4010	3	2.5~3.5	-10~60	22500	0.25	0.75	0.36	10.27	114.2	11.64	36.9
M1B1533H HM4020	3	2.5~3.5	-10~60	19500	0.16	0.48	0.31	8.90	85.8	8.74	33.9
M1B1533H HM4030	3	2.5~3.5	-10~60	13300	0.094	0.28	0.21	6.07	39.9	4.07	25.7
M1B1533H HM4040	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

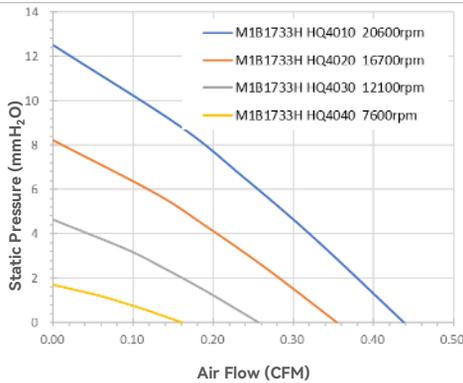


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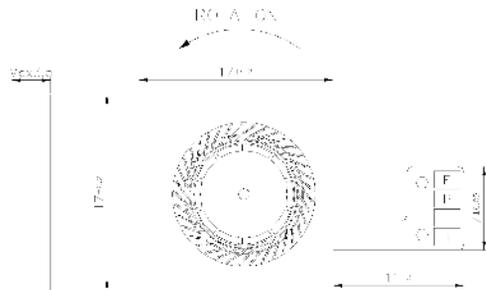


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 1.09 g

### ■ Air Flow-Static Pressure Characteristics

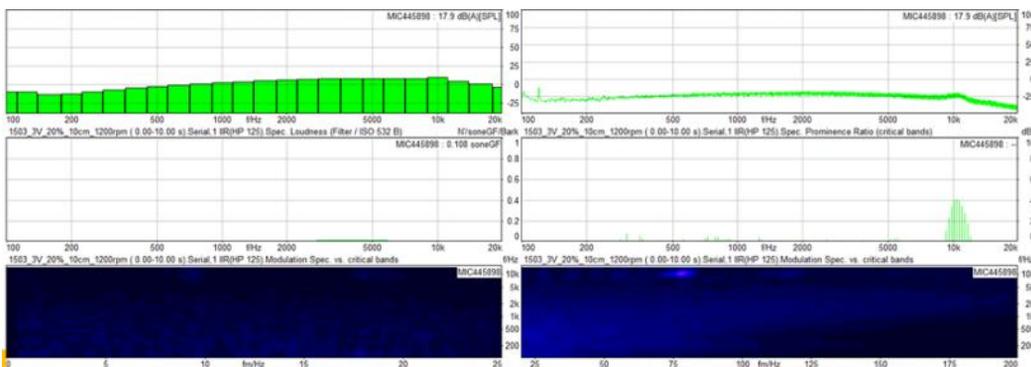


### ■ Dimensions drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @30CM
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M1B1733H HQ4010	3	2.5~3.5	-10~60	20600	0.25	0.75	0.44	12.40	122.5	12.49	40.0
M1B1733H HQ4020	3	2.5~3.5	-10~60	16700	0.16	0.48	0.36	10.05	80.5	8.21	35.6
M1B1733H HQ4030	3	2.5~3.5	-10~60	12100	0.095	0.29	0.26	7.28	45.6	4.65	26.5
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

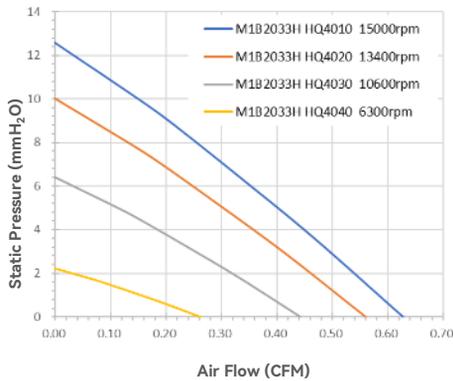


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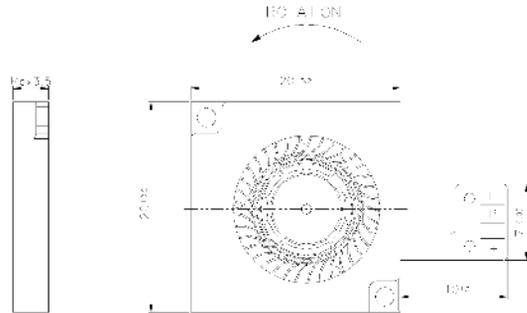


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 1.18 g

### Air Flow-Static Pressure Characteristics

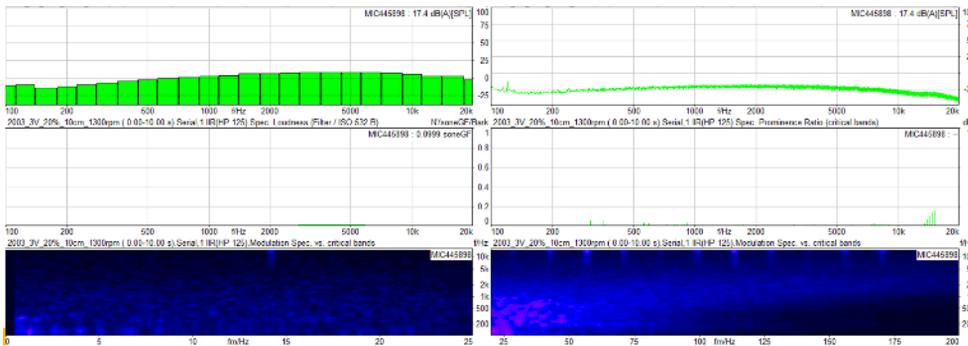


### Dimensions drawing (mm)

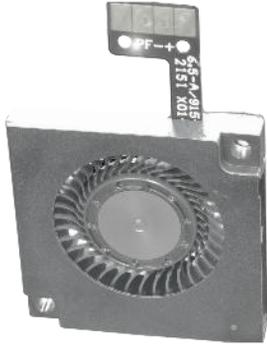


Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @30CM
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M1B2033H HQ4010	3	2.5~3.5	-10~60	15000	0.25	0.75	0.63	17.78	123.2	12.56	36.7
M1B2033H HQ4020	3	2.5~3.5	-10~60	13400	0.16	0.48	0.56	15.89	98.3	10.03	34.3
M1B2033H HQ4030	3	2.5~3.5	-10~60	10600	0.096	0.288	0.44	12.57	62.8	6.40	29.5
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

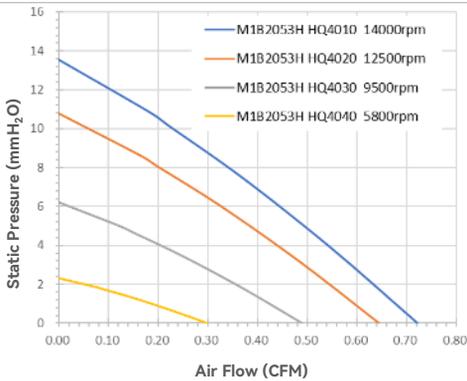


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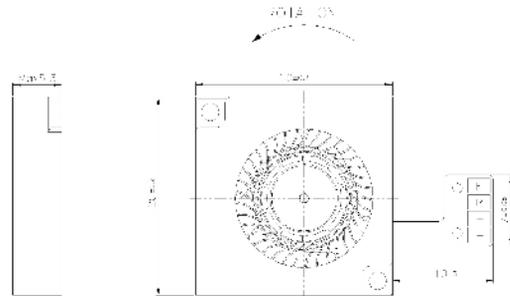


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 1.35 g

### Air Flow-Static Pressure Characteristics

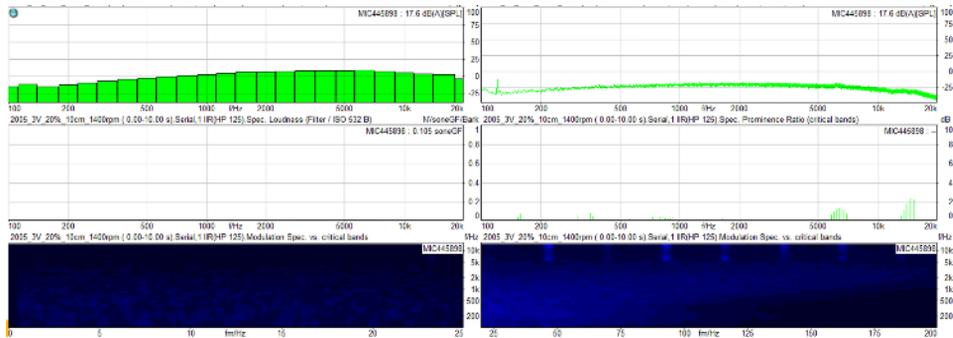


### Dimensions drawing (mm)

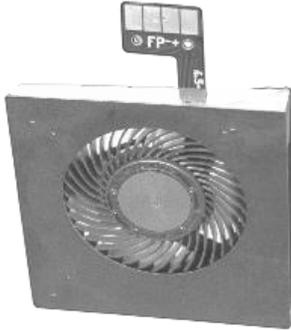


Model No.		Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @30CM
		VDC	VDC	°C	RPM	Amp	Watt	CFM	l/min	Pa	mmH <sub>2</sub> O	dB(A)
M1B2053H	HQ4010	3	2.5~3.5	-10~60	14000	0.25	0.75	0.72	20.47	132.7	13.53	35.6
M1B2053H	HQ4020	3	2.5~3.5	-10~60	12500	0.16	0.48	0.65	18.27	105.8	10.79	33.2
M1B2053H	HQ4030	3	2.5~3.5	-10~60	9500	0.096	0.288	0.49	13.89	61.1	6.23	27.6
M1B2053H	HQ4040	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

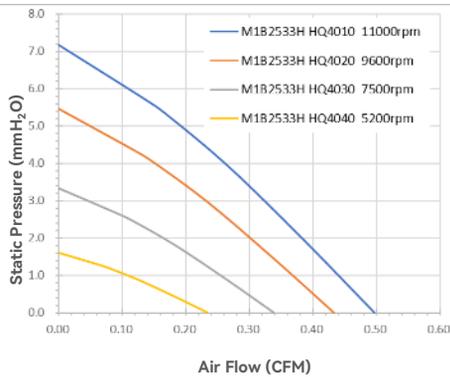


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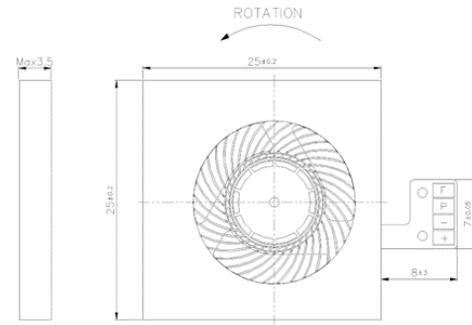


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 1.6 g

### ■ Air Flow-Static Pressure Characteristics

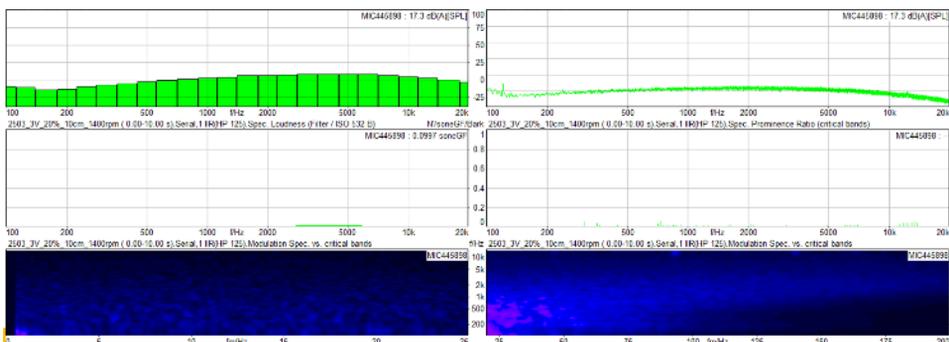


### ■ Dimensions drawing (mm)

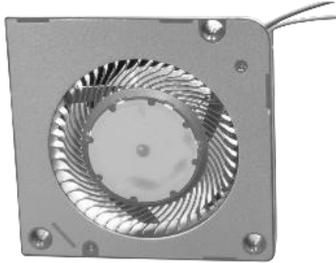


Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @30CM
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M1B2533H HQ4010	3	2.5~3.5	-10~60	11000	0.25	0.75	0.50	14.05	70.3	7.17	26.7
M1B2533H HQ4020	3	2.5~3.5	-10~60	9600	0.16	0.48	0.43	12.26	53.6	5.46	23.9
M1B2533H HQ4030	3	2.5~3.5	-10~60	7500	0.096	0.288	0.34	9.58	32.7	3.33	18.8
M1B2533H HQ4040	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

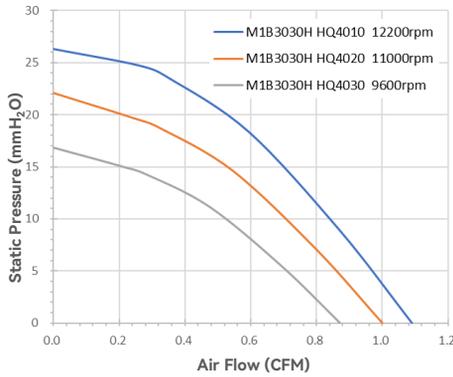


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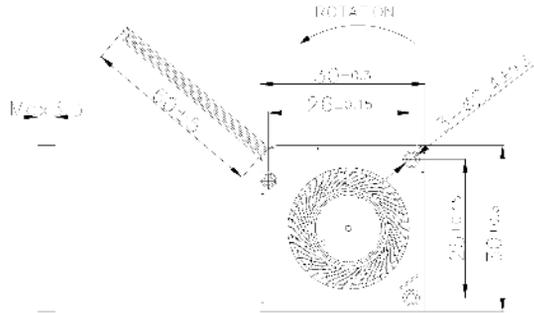


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 3.45 g

### Air Flow-Static Pressure Characteristics

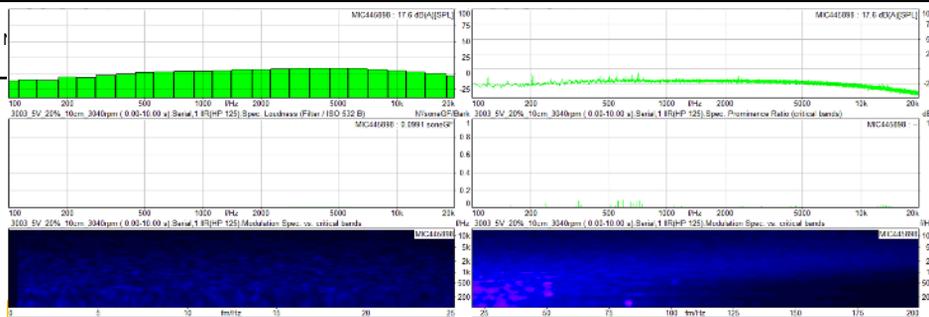


### Dimensions drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure	Noise @1M
	VDC	VDC	°C	RPM	Amp	Watt	CFM	l/min	Pa	dB(A)
M1B3030H HQ4010	5	3.5 to 5.5	-10~60	12200	0.37	1.86	1.09	30.87	258	30.1
M1B3030H HQ4020	5	3.5 to 5.5	-10~60	11000	0.40	1.30	1.00	28.29	216	28.3
M1B3030H HQ4030	5	3.5 to 5.5	-10~60	9600	0.40	1.30	1.00	28.29	165	25.0

### 20% Duty Speed Sound Quality Spectrum

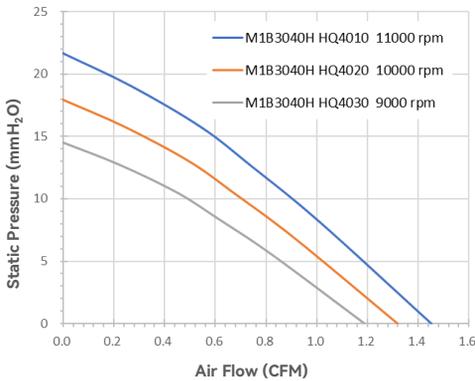


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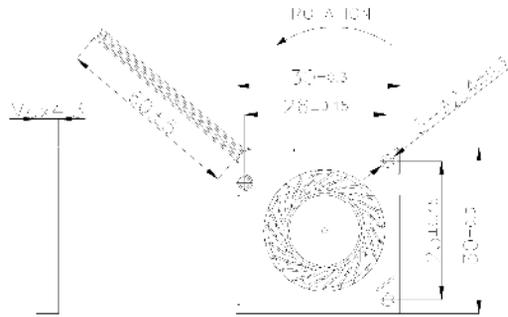


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 5.6 g

### Air Flow-Static Pressure Characteristics

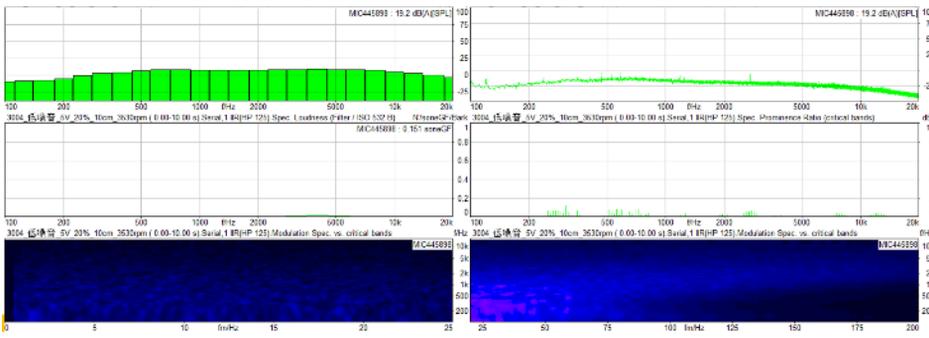


### Dimensions drawing (mm)

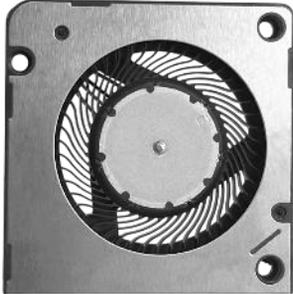


Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M1B3040H HQ4010	5	3.5 to 5.5	-10~60	11000	0.38	1.88	1.45	41.17	212	21.7	32.5
M1B3040H HQ4020	5	3.5 to 5.5	-10~60	10000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

### 20% Duty Speed Sound Quality Spectrum

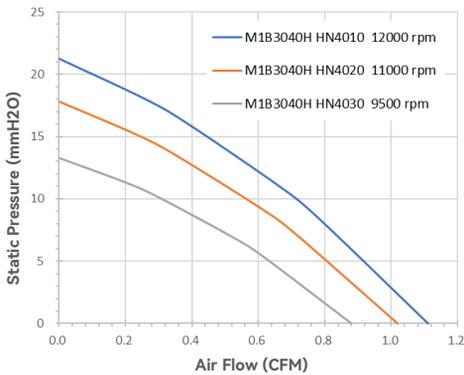


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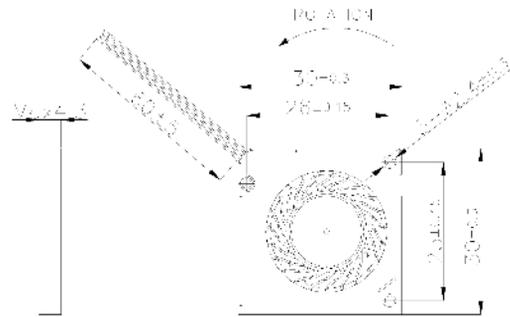


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 5.6 g

### Air Flow-Static Pressure Characteristics

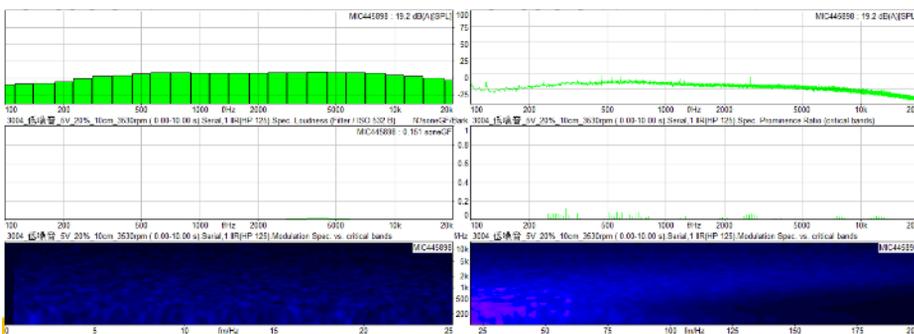


### Dimensions drawing (mm)

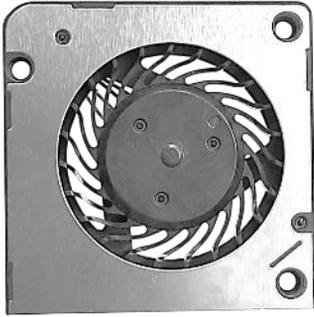


Model No.		Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
		VDC	VDC	°C	RPM	Amp	Watt	CFM	l/min	Pa	mmH <sub>2</sub> O	dB(A)
M1B3040H	HN4010	5	3.5 to 5.5	-10~60	12000	0.38	1.88	1.11	31.48	208	21.2	30.9
M1B3040H	HN4020	5	3.5 to 5.5	-10~60	11000	0.26	1.30	1.02	28.86	175	17.8	28.8
M1B3040H	HN4030	5	3.5 to 5.5	-10~60	9500	0.18	0.90	0.88	24.92	130	13.3	25.9

### 20% Duty Speed Sound Quality Spectrum

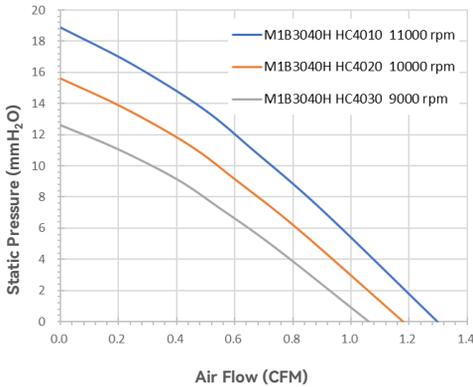


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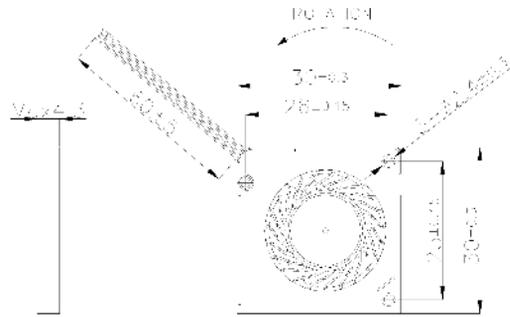


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 5.6 g

### Air Flow-Static Pressure Characteristics

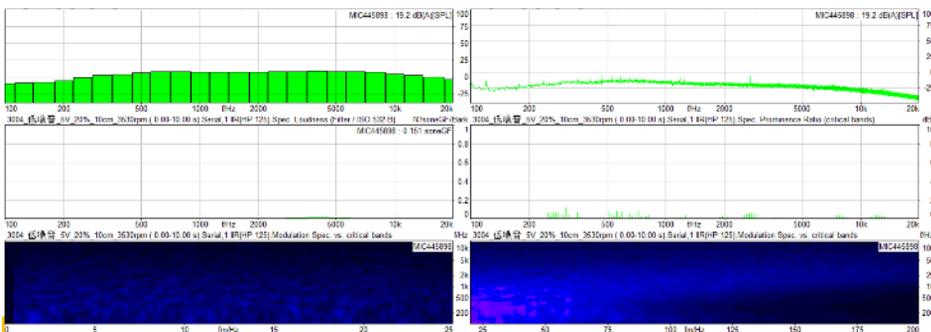


### Dimensions drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M1B3040H HC4010	5	3.5 to 5.5	-10~60	11000	0.38	1.88	1.30	36.76	185	18.9	33.5
M1B3040H HC4020	5	3.5 to 5.5	-10~60	10000	0.26	1.30	1.18	33.41	153	15.6	31.9
M1B3040H HC4030	5	3.5 to 5.5	-10~60	9000	0.18	0.92	1.06	30.07	124	12.6	29.8

### 20% Duty Speed Sound Quality Spectrum

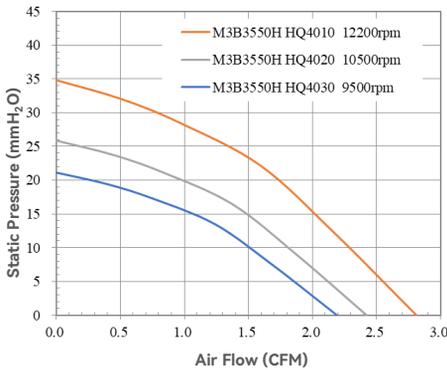


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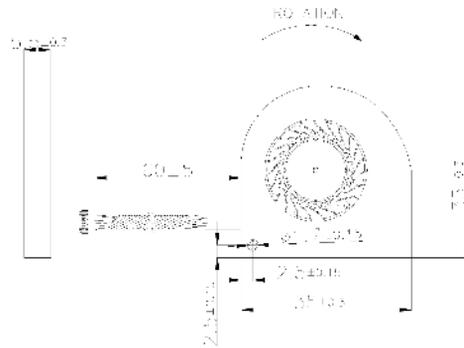


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Hydraulic bearings
- Control Options: +/-/FG/PWM
- Weight: 7.5 g

### Air Flow-Static Pressure Characteristics

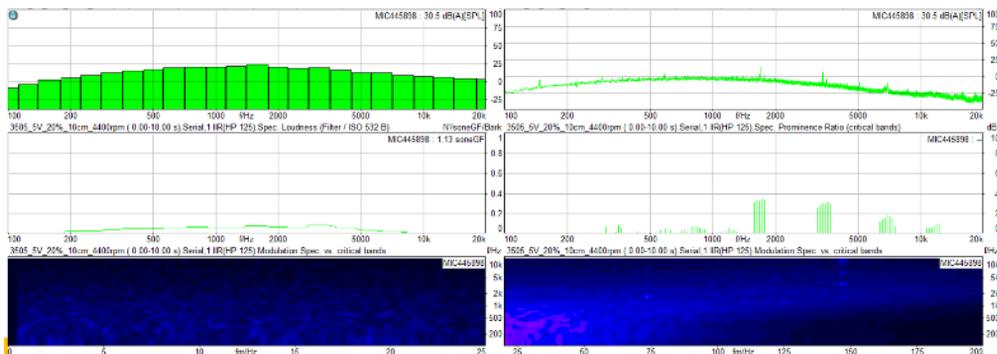


### Dimensions drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
							CFM	l/min	Pa	mmH <sub>2</sub> O	
M3B3550H HQ4010	5	3.5 to 5.5	-10~60	12200	0.36	1.80	2.81	79.62	342	34.9	37.1
M3B3550H HQ4020	5	3.5 to 5.5	-10~60	10500	0.19	0.97	2.42	68.53	253	25.8	33.9
M3B3550H HQ4030	5	3.5 to 5.5	-10~60	9500	0.14	0.69	2.19	62.00	207	21.1	31.7

### 20% Duty Speed Sound Quality Spectrum



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# HUZHUN

Stay Cool. Stay Ahead.

## Huazhun Tech Co., Ltd

<https://www.i-hzlw.com>

[huazhun@i-huazhun.com](mailto:huazhun@i-huazhun.com)

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WEBSITE