

DC Brushless Fan

80X80X25 mm

High Speed, High Operating Temperature 95 °C /105 °C

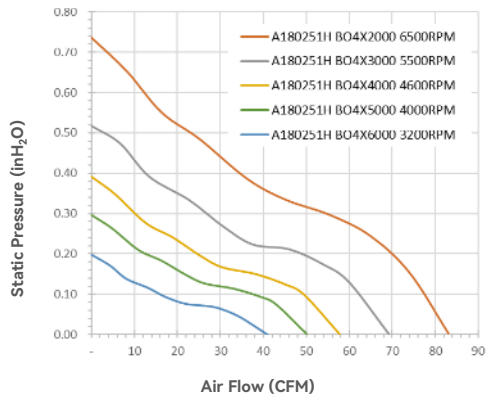
iCar Fan Series

RoHS compliant
IATF 16949 Certification

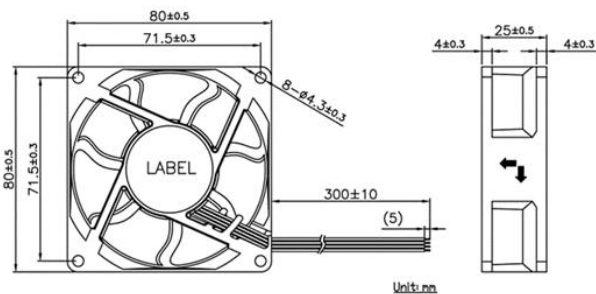


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-/FG/PWM
- Weight: 82.5g

■ 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 @50CM
		VDC	VDC	°C	RPM	Amp	Watt	CFM	m ³ /min	inH ₂ O	mmH ₂ O	dB(A)
A180251H	BO4X2000	12	8~16	-40~95	6500	0.93	11.11	83.1	2.35	0.74	18.7	53.1
A180251H	BO4X3000	12	8~16	-40~95	5500	0.56	6.73	69.3	1.96	0.52	13.1	51.5
A180251H	BO4X4000	12	8~16	-40~95	4600	0.33	3.94	57.7	1.63	0.39	10.0	43.3
A180251H	BO4X5000	12	8~16	-40~95	4000	0.22	2.65	50.2	1.42	0.30	7.5	39.5
A180251H	BO4X6000	12	8~16	-40~95	3200	0.11	1.33	41.0	1.16	0.20	5.0	33.0
A180251H	BO4Y2000	12	8~16	-40~105	6500	0.93	11.11	83.1	2.35	0.74	18.7	53.1
A180251H	BO4Y3000	12	8~16	-40~105	5500	0.56	6.73	69.3	1.96	0.52	13.1	51.5
A180251H	BO4Y4000	12	8~16	-40~105	4600	0.33	3.94	57.7	1.63	0.39	10.0	43.3
A180251H	BO4Y5000	12	8~16	-40~105	4000	0.22	2.65	50.2	1.42	0.30	7.5	39.5
A180251H	BO4Y6000	12	8~16	-40~105	3200	0.11	1.33	41.0	1.16	0.20	5.0	33.0

Notes: Specifications are subject to change without notice. Please refer to the product data sheet provided by our sales.
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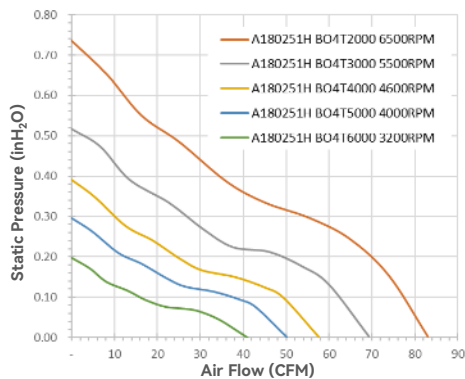
High Speed, High Operating Temperature 95 °C /105 °C

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AEC-Q

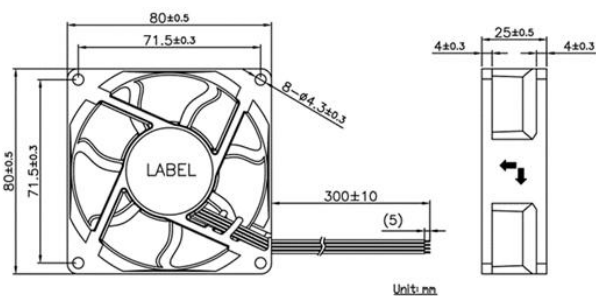


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- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-/FG/PWM
- Weight: 82.5g

■ Air Flow-Static Pressure Characteristics



■ Dimensions drawing (mm)



AEC-Q Model No.		Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @50CM
		VDC	VDC	°C	RPM	Amp	Watt	CFM	m³/min	inH₂O	mmH₂O	dB(A)
A180251H	BO4T2000	12	8~16	-40~95	6500	0.93	11.11	83.1	2.35	0.74	18.7	53.1
A180251H	BO4T3000	12	8~16	-40~95	5500	0.93	6.73	69.3	1.96	0.52	13.1	51.5
A180251H	BO4T4000	12	8~16	-40~95	4600	0.93	3.94	57.7	1.63	0.39	10.0	43.3
A180251H	BO4T5000	12	8~16	-40~95	4000	0.93	2.65	50.2	1.42	0.30	7.5	39.5
A180251H	BO4T6000	12	8~16	-40~95	3200	0.93	1.33	41.0	1.16	0.20	5.0	33.0
A180251H	BO4U2000	12	8~16	-40~105	6500	0.93	11.11	83.1	2.35	0.74	18.7	53.1
A180251H	BO4U3000	12	8~16	-40~105	5500	0.93	6.73	69.3	1.96	0.52	13.1	51.5
A180251H	BO4U4000	12	8~16	-40~105	4600	0.93	3.94	57.7	1.63	0.39	10.0	43.3
A180251H	BO4U5000	12	8~16	-40~105	4000	0.93	2.65	50.2	1.42	0.30	7.5	39.5
A180251H	BO4U6000	12	8~16	-40~105	3200	0.93	1.33	41.0	1.16	0.20	5.0	33.0

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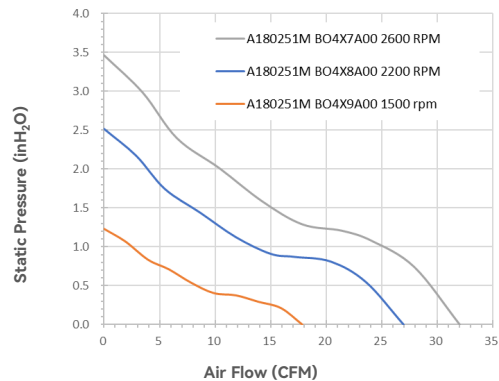
High Operating Temperature 95 °C /105 °C

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AEC-Q

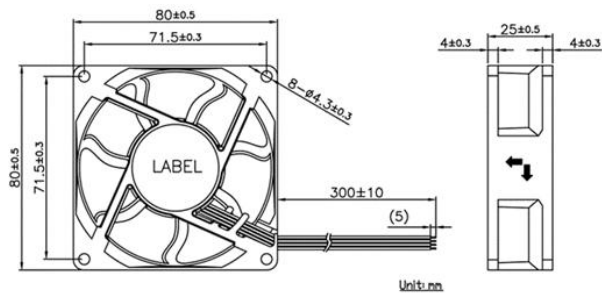


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- Impeller: Plastic (UL 94V-0)
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- Control Options: +/-/FG/PWM
- Weight: 82.5g

■ 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 @50CM
							CFM	m ³ /min	inH ₂ O	mmH ₂ O	
A180251M BO4X7A00	12	8~16	-40~95	2600	0.060	0.72	32.04	0.91	0.136	3.46	34.3
A180251M BO4X8A00	12	8~16	-40~95	2200	0.044	0.52	27.00	0.76	0.099	2.51	30.0
A180251M BO4X9A00	12	8~16	-40~95	1500	0.016	0.19	17.87	0.51	0.048	1.23	20.0
A180251M BO4Y7A00	12	8~16	-40~105	2600	0.060	0.72	32.04	0.91	0.136	3.46	34.3
A180251M BO4Y8A00	12	8~16	-40~105	2200	0.044	0.52	27.00	0.76	0.099	2.51	30.0
A180251M BO4Y9A00	12	8~16	-40~105	1500	0.016	0.19	17.87	0.51	0.048	1.23	20.0

AEC-Q Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @50CM
							CFM	m ³ /min	inH ₂ O	mmH ₂ O	
A180251M BO4T7A00	12	8~16	-40~95	2600	0.060	0.72	32.04	0.91	0.136	3.46	34.3
A180251M BO4T8A00	12	8~16	-40~95	2200	0.044	0.52	27.00	0.76	0.099	2.51	30.0
A180251M BO4TE000	12	8~16	-40~95	1600	0.016	0.19	19.64	0.56	0.052	1.33	22.6
A180251M BO4T9A00	12	8~16	-40~95	1500	0.016	0.19	17.87	0.51	0.048	1.23	20.0
A180251M BO4U7A00	12	8~16	-40~105	2600	0.060	0.72	32.04	0.91	0.136	3.46	34.3
A180251M BO4U8A00	12	8~16	-40~105	2200	0.044	0.52	27.00	0.76	0.099	2.51	30.0
A180251M BO4UE000	12	8~16	-40~105	1600	0.016	0.19	19.64	0.56	0.052	1.33	22.6
A180251M BO4U9A00	12	8~16	-40~105	1500	0.016	0.19	17.87	0.51	0.048	1.23	20.0

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