

DC Brushless Fan

40X40X20 mm

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

iCar Fan Series

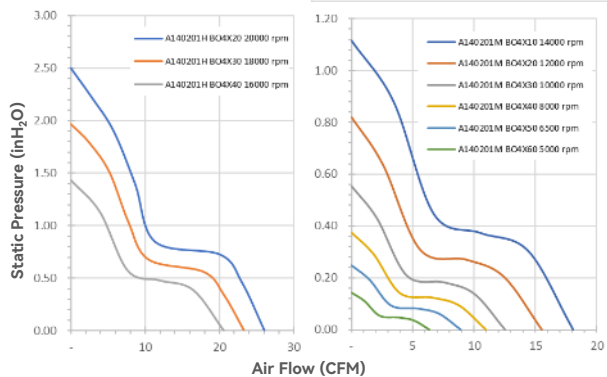
RoHS compliant

IATF 16949 Certification

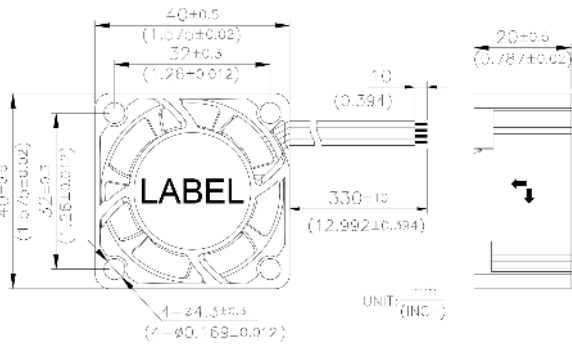


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-/FG/PWM
- Weight: 38.1 g

■ 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	m ³ /min	inH ₂ O	mmH ₂ O	dB(A)
A140201H	BO4X20	12	8~16	-40~95	20000	0.810	9.72	26.03	0.74	2.50	63.52	56.4
A140201H	BO4X30	12	8~16	-40~95	18000	0.620	7.44	23.32	0.66	1.97	49.99	54.2
A140201H	BO4X40	12	8~16	-40~95	16000	0.460	5.52	20.59	0.58	1.43	36.42	52.4
A140201M	BO4X10	12	8~16	-40~95	14000	0.280	3.36	18.07	0.51	1.11	28.30	49.0
A140201M	BO4X20	12	8~16	-40~95	12000	0.195	2.34	15.49	0.44	0.82	20.79	45.7
A140201M	BO4X30	12	8~16	-40~95	10000	0.140	1.68	12.49	0.35	0.55	14.04	39.7
A140201M	BO4X40	12	8~16	-40~95	8000	0.075	0.90	10.93	0.31	0.38	9.53	33.4
A140201M	BO4X50	12	8~16	-40~95	6500	0.052	0.62	8.88	0.25	0.25	6.29	27.8
A140201M	BO4X60	12	8~16	-40~95	5000	0.030	0.36	6.83	0.19	0.15	3.72	23.7
A140201H	BO4Y20	12	8~16	-40~105	20000	0.810	9.72	26.03	0.74	2.50	63.52	56.4
A140201H	BO4Y30	12	8~16	-40~105	18000	0.620	7.44	23.32	0.66	1.97	49.99	54.2
A140201H	BO4Y40	12	8~16	-40~105	16000	0.460	5.52	20.59	0.58	1.43	36.42	52.4
A140201M	BO4Y10	12	8~16	-40~105	14000	0.280	3.36	18.07	0.51	1.11	28.30	49.0
A140201M	BO4Y20	12	8~16	-40~105	12000	0.195	2.34	15.49	0.44	0.82	20.79	45.7
A140201M	BO4Y30	12	8~16	-40~105	10000	0.140	1.68	12.49	0.35	0.55	14.04	39.7
A140201M	BO4Y40	12	8~16	-40~105	8000	0.075	0.90	10.93	0.31	0.38	9.53	33.4
A140201M	BO4Y50	12	8~16	-40~105	6500	0.052	0.62	8.88	0.25	0.25	6.29	27.8
A140201M	BO4Y60	12	8~16	-40~105	5000	0.030	0.36	6.83	0.19	0.15	3.72	23.7

Notes: Specifications are subject to change without notice. Please refer to the product data sheet provided by our sales.
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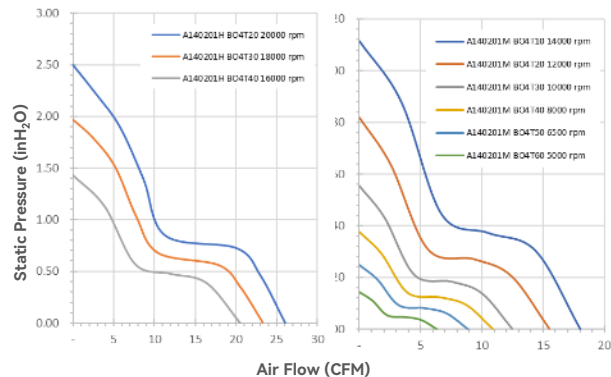
iCar Fan Series

RoHS compliant
IATF 16949 Certification
AEC-Q

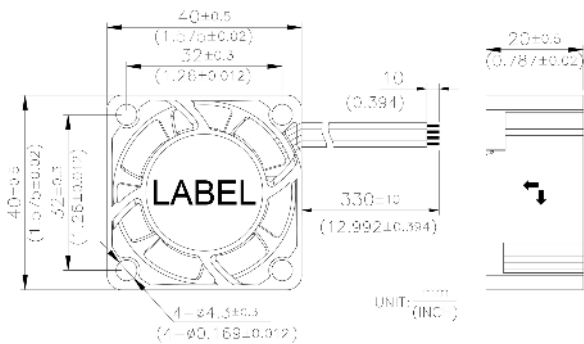


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-/FG/PWM
- Weight: 38.1 g

■ 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 @1M
		VDC	VDC	°C	RPM	Amp	Watt	CFM	m³/min	inH₂O	mmH₂O	dB(A)
A140201H	BO4T20	12	8~16	-40~95	20000	0.810	9.72	26.03	0.74	2.50	63.52	56.4
A140201H	BO4T30	12	8~16	-40~95	18000	0.620	7.44	23.32	0.66	1.97	49.99	54.2
A140201H	BO4T40	12	8~16	-40~95	16000	0.460	5.52	20.59	0.58	1.43	36.42	52.4
A140201M	BO4T10	12	8~16	-40~95	14000	0.280	3.36	18.07	0.51	1.11	28.30	49.0
A140201M	BO4T20	12	8~16	-40~95	12000	0.195	2.34	15.49	0.44	0.82	20.79	45.7
A140201M	BO4T30	12	8~16	-40~95	10000	0.140	1.68	12.49	0.35	0.55	14.04	39.7
A140201M	BO4T40	12	8~16	-40~95	8000	0.075	0.90	10.93	0.31	0.38	9.53	33.4
A140201M	BO4T50	12	8~16	-40~95	6500	0.052	0.62	8.88	0.25	0.25	6.29	27.8
A140201M	BO4T60	12	8~16	-40~95	5000	0.030	0.36	6.83	0.19	0.15	3.72	23.7
A140201H	BO4U20	12	8~16	-40~105	20000	0.810	9.72	26.03	0.74	2.50	63.52	56.4
A140201H	BO4U30	12	8~16	-40~105	18000	0.620	7.44	23.32	0.66	1.97	49.99	54.2
A140201H	BO4U40	12	8~16	-40~105	16000	0.460	5.52	20.59	0.58	1.43	36.42	52.4
A140201M	BO4U10	12	8~16	-40~105	14000	0.280	3.36	18.07	0.51	1.11	28.30	49.0
A140201M	BO4U20	12	8~16	-40~105	12000	0.195	2.34	15.49	0.44	0.82	20.79	45.7
A140201M	BO4U30	12	8~16	-40~105	10000	0.140	1.68	12.49	0.35	0.55	14.04	39.7
A140201M	BO4U40	12	8~16	-40~105	8000	0.075	0.90	10.93	0.31	0.38	9.53	33.4
A140201M	BO4U50	12	8~16	-40~105	6500	0.052	0.62	8.88	0.25	0.25	6.29	27.8
A140201M	BO4U60	12	8~16	-40~105	5000	0.030	0.36	6.83	0.19	0.15	3.72	23.7

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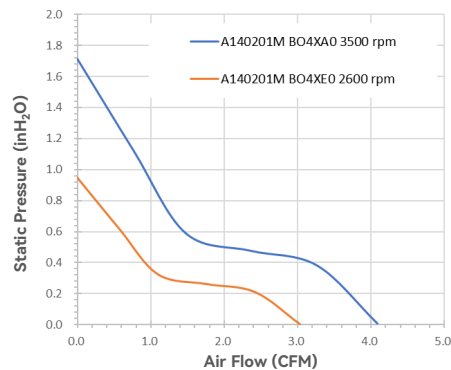
High Operating Temperature 95 °C /105 °C

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AEC-Q

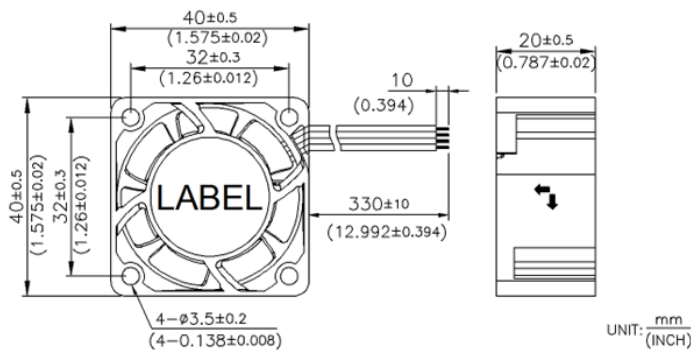


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Model No.		Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
		VDC	VDC	°C	RPM	Amp	Watt	CFM	m ³ /min	inH ₂ O	mmH ₂ O	dB(A)
A140201M	BO4XA0	12	8~16	-40~95	3500	0.018	0.22	4.09	0.12	0.07	1.71	21.5
A140201M	BO4XE0	12	8~16	-40~95	2600	0.010	0.12	3.04	0.09	0.04	0.95	19.2
A140201M	BO4YA0	12	8~16	-40~105	3500	0.018	0.22	4.09	0.12	0.07	1.71	21.5
A140201M	BO4YE0	12	8~16	-40~105	2600	0.010	0.12	3.04	0.09	0.04	0.95	19.2

AEC-Q		Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
Model No.		VDC	VDC	°C	RPM	Amp	Watt	CFM	m ³ /min	inH ₂ O	mmH ₂ O	dB(A)
A140201M	BO4TA0	12	8~16	-40~95	3500	0.018	0.22	4.09	0.12	0.07	1.71	21.5
A140201M	BO4TE0	12	8~16	-40~95	2600	0.010	0.12	3.04	0.09	0.04	0.95	19.2
A140201M	BO4UA0	12	8~16	-40~105	3500	0.018	0.22	4.09	0.12	0.07	1.71	21.5
A140201M	BO4UE0	12	8~16	-40~105	2600	0.010	0.12	3.04	0.09	0.04	0.95	19.2

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