

Cooling Fan & Blower for Automotive

*All products are RoHS compliant.

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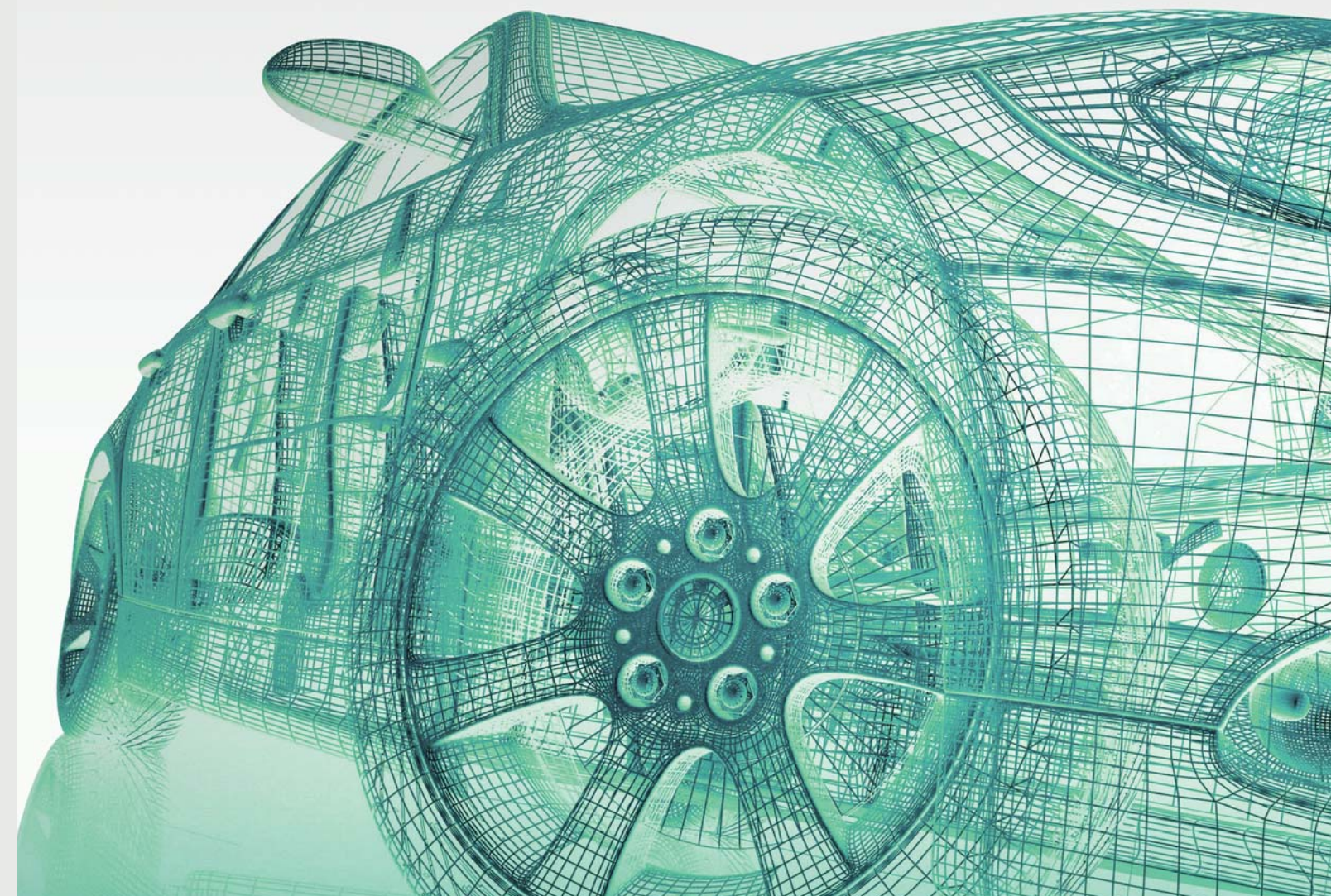
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High Efficiency & High Quality

Satisfy High Safety & Security Standard

Conform to Eco-friendly Requirement

Realize Smarter & More comfortable Science Technology

Over 10 years Cooperation with Worldwide Automobile Manufacturers

SUNON®



Validation – Mechanical / Environmental

Test items will be defined per customer test/validation plan

- Thermal Shock Test
- Mechanical Shock Test
- Durability Test
- Salt Foggy Test
- Drop Test
- IP Protection
- Corrosion Protection
- Acoustic Quality
- G6.3 Compliant Balancing

Validation - Electrical

Test items will be defined per customer test/validation plan

- Locked-Rotor Protection
- Over/Under Voltage
- Over Current
- Over Temperature
- Local Interconnect Network (LIN)
- PWM Control
- Current Limiter
- ESD Protection
- Short Circuit Resistance
- Back EMF Design
- EMI/EMC Shield
- Inverse Polarity Protection

Axial Fan

- AEC-Q100/Q200
- AEC-Q100
- Non AEC-Q



Remark : Spec. & size only for reference, please contact sales for further enquiry.
Production sample's available for request.

Axial Fan

No.	size (mm)	Model	Bearing	Rated Voltage (V)	Operating Voltage Range (V)	Rated Current (mA)	Fan Speed (RPM)	Max. Air Flow (CFM) (m³/min)		Static Pressure (inch-H2O) (mm-H2O)		Noise (dB(A)) 1M	Operating Temp. (°C)
1	40X40X10	MF40101V1	Vapo	12	6 ~ 13.8	78	7700	8.2	0.232	0.18	4.572	31	-20 ~ +90
2	40X40X10	EF40101B1	2 Ball	12	6 ~ 13.8	67	7200	7.9	0.224	0.18	4.572	28	-40 ~ +90
2	40X40X10	HA40101V4	Vapo	12	8~14	31	5000	5.4	0.153	0.09	2.286	15.7	-20 ~+85
3	40X40X20	MF40201V1	Vapo	12	6 ~ 13.8	58	7000	8.5	0.241	0.22	5.588	27.4	-20 ~ +85
4	40X40X20	PF40201B1	2 Ball	13.5	6 ~ 16	180	13000	14	0.396	0.79	20.066	46.5	-40 ~ +105
5	50X50X15	EF50151B1	2 Ball	12	6 ~ 13.8	78	5500	11.9	0.337	0.19	4.826	36.3	-40 ~ +90
6	60X60X15	MF60151V3	Vapo	12	4.5~13.8	52	3800	18.4	0.521	0.08	2.032	25	-20 ~+85
7	60X60X25	EF60252B3	2 Ball	24	12 ~ 27.6	25	3000	13.9	0.394	0.08	2.032	20	-40 ~ +90
8	80X80X15	PSD2408PHB1	2 Ball	24	12 ~ 28	210	4500	55.5	1.571	0.3	7.62	45.5	-40 ~ +70
9	80X80X25	MF80250V4	Vapo	5	3 ~ 5.5	105	2000	23.7	0.671	0.07	1.778	20.4	-20 ~ +85
9	80X80X25	EF80251B1	2 Ball	12	3.5 ~ 13.8	122	3200	39.2	1.11	0.16	4.064	33.6	-10 ~ +85
9	80X80X25	EF80251B2	2 Ball	12	3.5~13.8	95	2900	34.5	0.977	0.13	3.302	31.1	-10 ~+85
10	92X92X25	PF92251B4	2 Ball	12	6~13.8	70	2400	36.9	1.044	0.1	2.54	27.9	-40 ~+90

Blower

- AEC-Q100/Q200
- AEC-Q100
- Non AEC-Q



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Blower

No.	size (mm)	Model	Bearing	Rated Voltage (V)	Operating Voltage Range (V)	Rated Current (mA)	Fan Speed (RPM)	Max. Air Flow (CFM) (m³/min)		Static Pressure (inch-H2O) (mm-H2O)		Noise (dB(A)) 1M	Operating Temp. (°C)
1	50X50X15	MF50150V3	Vapo	5	4.5 ~ 5.5	108	3300	2.7	0.076	0.21	5.334	25.3	-20 ~ +85
1	50X50X15	MF50151V2	Vapo	12	6 ~ 13.8	54	4000	3.4	0.096	0.37	9.398	33.2	-20 ~ +85
2	50X50X20	PSB1205PKB1	2 Ball	12	6~13.8	145	5200	6.5	0.184	0.52	13.208	36.9	-40 ~+90
3	75X75X30	PF75301B1	2 Ball	12	10.2~12	500	4500	17.6	0.498	0.86	21.844	50.0	-40 ~+85
4	97X95X33	PF97331B1	2 Ball	12	8.5~16	1650	5600	46.2	1.308	3.21	81.534	61.4	-40 ~+90
5	110X100X25	PFA0201B1	2 Ball	13.5	9~16	235	3900	13	0.368	0.61	15.494	47.9	-40 ~+90
6	120X120X32	PFC0321B1	2 Ball	12	9~13.8	700	2800	37.5	1.062	1.00	25.4	56.0	-40 ~+90

LED Head Lamp / Sensor Blower

Application	size (mm)	Model	Bearing	Rated Voltage (V)	Operating Voltage Range (V)	Rated Current (mA)	Fan Speed (RPM)	Max. Air Flow (CFM) (m³/min)		Static Pressure (inch-H2O) (mm-H2O)		Noise (dB(A)) 1M	Operating Temp. (°C)
LED Head Lamp	40X40X20	PF40201B1	2 Ball	13.5	6 ~ 16	180	13000	14	0.396	0.79	20.066	46.5	-40 ~ +105
Sensor Blower	40X40X20	MH40201V3	Vapo	13	8 ~ 16	46	2700	0.7	0.02	0.02	0.508	27.0	-40 ~ +90

Miscellaneous

- AEC-Q100/Q200
- AEC-Q100
- Non AEC-Q



○ Non AEC-Q

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