NMB

AIR MOVERS FOR ROBOTS

Next-gen **High Performance** Fans for Robotics





NMB Technologies presents fans for humanoid robots. Our cooling fans deliver reliable thermal management featuring dual ball bearings, ingress protection, and operating temperatures of up to 85 Celsius. Select models are made of aluminum and use dual fusion bearings for durability and heat dissipation. Perfect for cooling control boxes, GPU/CPU cooling, actuators, power supplies, chargers, defogging, and more!

Model	Type	Dimensions (mm)	Available Voltage (V)	Max Speed (min-1)*	Max Air Flow (CFM)*	Max Pressure (in H2O)	Max Power (W)*	IP	Max Temp.	Casing Material
02510SS	Axial	25 x 10	5, 12	13,000	2.65	0.27	0.9	IP22	70 °C	Plastic
03805GS	Blower	38 x 5	5	8,300	1.84	0.50	0.9	IP22	70 °C	Plastic
Fluid Dynamic Bearing Fan	Blower	58 x 6	5	8,250	3.64	1.04	2.3	IP22	70 °C	Plastic
04020VE	Axial	40 x 20	5, 12, 24	11,000	12.00	0.60	2.6	IP68	85 °C	Plastic
04028DA (R Type)	Axial	40 x 28	12, 48	40,000	45.00	9.50	42	IP22	85 °C	Plastic
04028DE (K Type)	Axial	40 x 28	12, 24	18,000	24.00	1.80	6.9	IP68	70 °C	Plastic
04028DT	Axial	40 x 28	48	50,000	48.00	19.80	72.5	IP22	85 °C	Aluminum
05815GA	Blower	58 x 15	12	8,730	17.00	1.16	3.5	IP22	70 °C	Plastic
06025VG	Axial	60 x 25	12, 24	9,200	38.00	0.90	6.0	IP68	85 °C	Aluminum
07012GE	Blower	70 x 12	12	4,700	6.70	0.50	2.0	IP68	70 °C	Plastic
08025DC	Axial (caseless)	80 x 25	12	4,550	42.00	0.40	2.3	IP68	85 °C	Aluminum
14038VE	Axial	140 x 38	24, 48	6,400	350.00	1.90	62.0	IP68	70 °C	Plastic

* In Free Air

Features

- Dual Fusion Bearings (Optional)
- Compact and High Performance
- Ingress Protection
- Operating Temperature Up to 85 Celsius
- Aluminum Casing in Select Models

Applications

- Defogging
- Actuator cooling
- CPU/GPU cooling
- Torso/Chassis
- Battery cooling

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