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Product Change Notice September 15, 2024

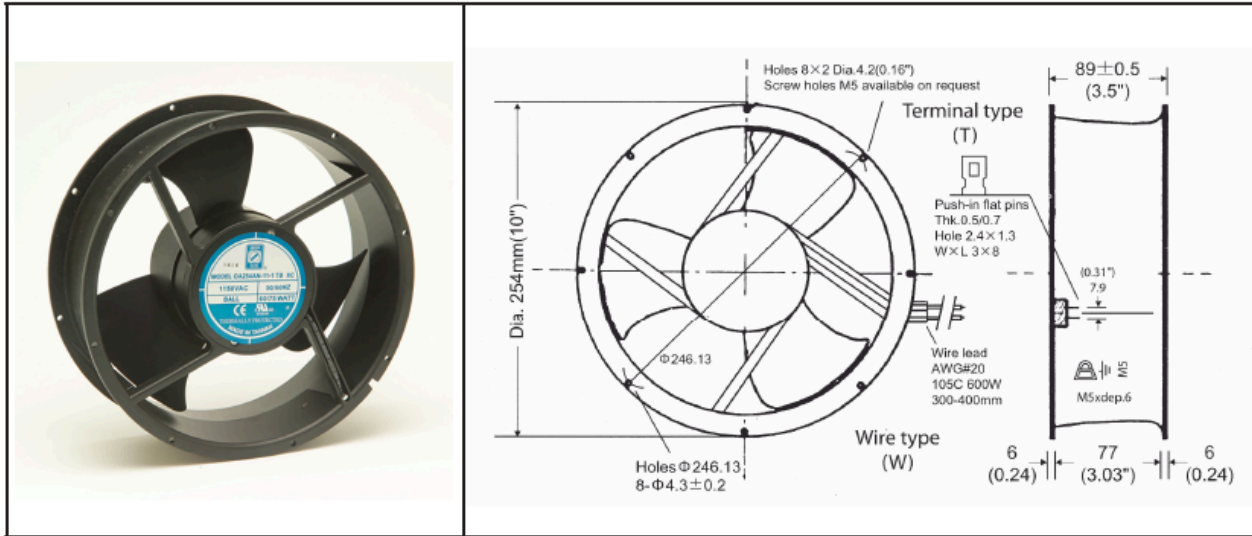
Products Affected: OA254AN Series
Type of Change: Change of product specifications
Reason for Change: Improvement in product performance
Affected Models: OA254AN-11-1*BXC, OA254AN-11-1*B, OA254AN-11-2*B,
OA254AN-11-3*B, OA254AN-22-1*BXC, OA254AN-22-1*B,
OA254AN-22-2*B, OA254AN-22-3*B

Discussion:

This product series was originally designed in 2005 and no design changes have been performed since that time. In response to customer requests for greater air flow and pressure performance, Orion Engineering evaluated the product design to determine if performance improvements were possible. Engineering determined that the airflow performance of the series could be improved with no impacts to the form, fit and function of these products. For customers requiring products built to the previous specifications, contact Orion to obtain custom ordering part numbers for the previous design. The new product specifications will affect all standard stock part numbers produced after September 1, 2024.

For a comparison of the previous specifications and new specifications, please see the following pages. Note that information and data is subject to change without prior notice, as stated on the product datasheets. The information shown is accurate as of the date of this notice. Consult the Orionfans.com website to obtain the latest production specifications.

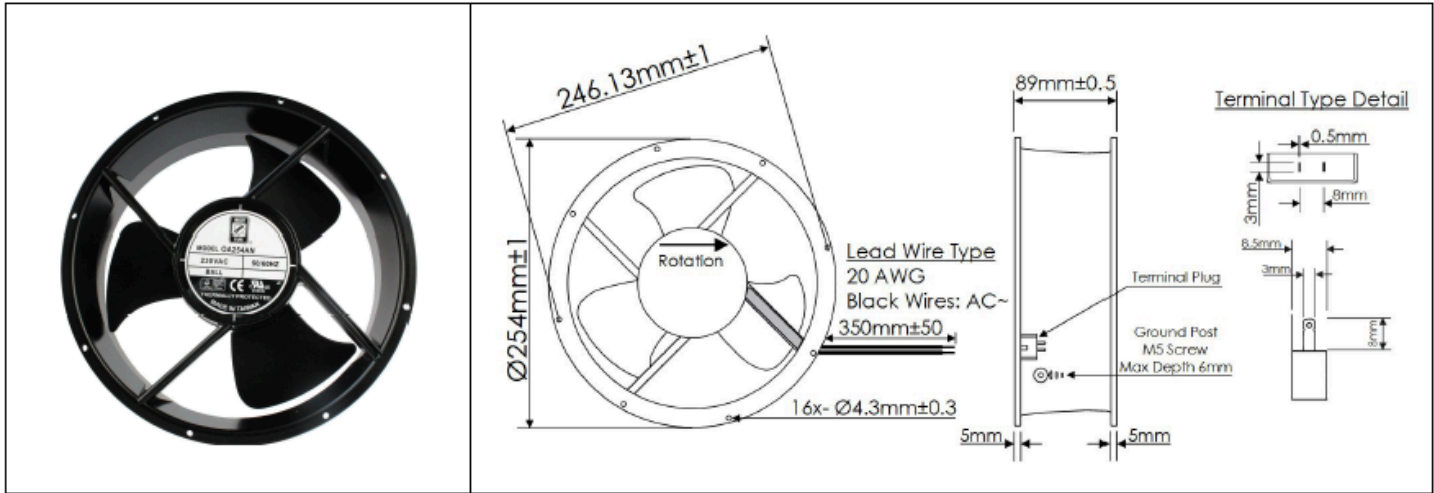
Previous Product Specifications:



Frame	Diecast Aluminum	<u>Operating Temperature</u> Ball Bearing -20C ~ +80C Storage Temp -40C ~ +80C	
Impeller	PBT, UL94V-0 plastic		
Connection	2x Lead Wires or Terminals		
Motor	Capacitor drive, thermally protected	<u>Life Expectancy</u> Ball Bearing 60,000 hours (L10 at 40C)	
Bearing System	Dual ball	Weight: ~ 5.4 lbs.	
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)		
Dielectric Strength	1 min at 1500 VAC, 50/60Hz	mo	

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts AC	Voltage Range	Watts	Max. Static Pressure (\"H ₂ O)
OA254AN-11-1 * XC	2700	850	69	115	80~130	75	0.78
OA254AN-11-1 *	2200	700	65	115	80~130	70	0.53
OA254AN-11-2 *	2000	600	55	115	80~130	45	0.45
OA254AN-11-3 *	1100	320	48	115	80~130	32	0.14
OA254AN-22-1 * XC	2700	850	69	230	160~260	75	0.78
OA254AN-22-1 *	2200	700	65	230	160~260	70	0.53
OA254AN-22-2 *	2000	600	55	230	160~260	45	0.45
OA254AN-22-3 *	1100	320	48	230	160~260	32	0.14

New Product Specifications:



Frame	Die Cast Aluminum, Black Finish	<u>Operating Temperature</u> -20°C ~ +80°C <u>Storage Temperature</u> -40°C ~ +80°C <u>Life Expectancy</u> 80,000 Hours (L10 at 35°C) <u>Available Options</u> Tachometer Output IP Ratings Weight: 5.4 lbs.	
Impeller	PBT, UL94 V-0 Plastic		
Connection	2x Wire Leads, UL 1015 20 AWG, or Terminals		
Motor	AC Internal Capacitor Induction, Single Phase, Thermally Protected		
Bearing System	Dual Ball Bearings		
Dielectric Strength	1500VAC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500 VDC		

Part Number	Rated Voltage (Volts AC)	Frequency Range (Hertz)	Voltage Range (Volts AC)	Input Power (Watts)(Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure (\"H ₂ O)
OA254AN-11-1*BXC	115	50 / 60	80 ~ 130	60 / 75 (135)	2750 / 3175	875 / 1050	70.2	1.10 / 1.10
OA254AN-11-1*B	115	50 / 60	80 ~ 130	60 / 75 (110)	2525 / 2650	815 / 850	65.4	0.77 / 0.72
OA254AN-11-2*B	115	50 / 60	80 ~ 130	45 / 55 (80)	2175 / 2000	685 / 630	51.7	0.64 / 0.54
OA254AN-11-3*B	115	50 / 60	80 ~ 130	23 / 35 (35)	1400 / 1650	440 / 530	45.5	0.42 / 0.46
OA254AN-22-1*BXC	230	50 / 60	160 ~ 260	60 / 75 (135)	2750 / 3175	875 / 1050	70.2	1.10 / 1.10
OA254AN-22-1*B	230	50 / 60	160 ~ 260	60 / 75 (110)	2525 / 2650	815 / 850	65.4	0.77 / 0.72
OA254AN-22-2*B	230	50 / 60	160 ~ 260	45 / 55 (80)	2175 / 2000	685 / 630	51.7	0.64 / 0.54
OA254AN-22-3*B	230	50 / 60	160 ~ 260	23 / 35 (35)	1400 / 1650	440 / 530	45.5	0.42 / 0.46