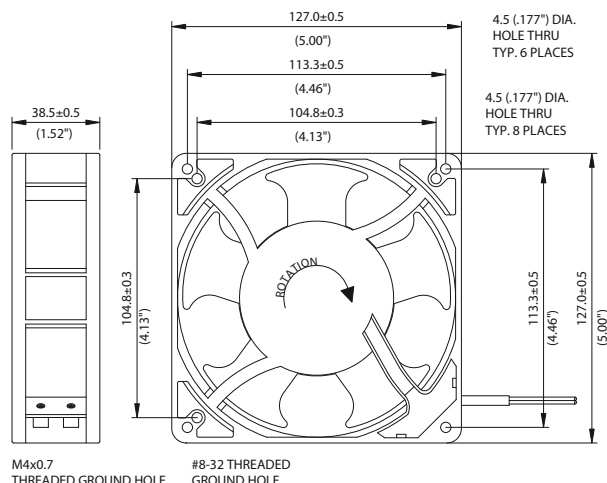


OA119 Series



AC Fan - 115V, 230V
127 x 38mm (5.0" x 1.5")



Frame	Diecast Aluminum	<u>Operating Temperature</u> Ball Bearing -20C ~ +80C Sleeve Bearing -10C ~ +50C Storage Temp -40C ~ +80C
Impeller	PBT, UL94V-0 plastic	
Connection	2x Lead Wires 22 AWG or terminals	
Motor	Shaded pole, impedance protected Tachometer available (5VTTL), input 5 ~24V	<u>Life Expectancy</u> Ball Bearing 60,000 hours (L10 at 40C) Sleeve Bearing 30,000 hours (L10 at 40C)
Bearing System	Dual ball or Sleeve	
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)	
Dielectric Strength	1 min at 1500 VAC, 50/60Hz	Weight: ~ 1.3 lbs.

The graph plots Static Pressure in inches of water (H2O) on the y-axis (0.00 to 0.25) against Airflow in cubic feet per minute (CFM) on the x-axis (0 to 120). Three curves are shown, representing different fan models. The top curve starts at approximately 0.24 H2O at 0 CFM and decreases to 0 at about 130 CFM. The middle curve starts at 0.15 H2O at 0 CFM and decreases to 0 at about 100 CFM. The bottom curve starts at 0.10 H2O at 0 CFM and decreases to 0 at about 80 CFM.

Airflow (CFM)	Static Pressure (H2O) - Top Curve	Static Pressure (H2O) - Middle Curve	Static Pressure (H2O) - Bottom Curve
0	0.24	0.15	0.10
40	0.16	0.10	0.05
80	0.13	0.06	0.00
100	0.10	0.00	-
130	0.00	-	-

Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts AC	Voltage Range	Watts	Max. Static Pressure ("H2O)
OA119AP-11-1 *	2750	130	46	115	80~130	14	.24
OA119AP-11-2 *	2300	95	37	115	80~130	10	.15
OA119AP-11-3 *	1400	74	28	115	80~130	7	.10
OA119AP-22-1 *	2750	130	46	230	160~260	14	.24
OA119AP-22-2 *	2300	95	37	230	160~260	10	.15
OA119AP-22-3 *	1400	74	28	230	160~260	7	.10

* Indicate "TB" (Terminal Ball Bearing), "WB" (12" Wire Leads, Ball Bearing), "TS" (Terminal, Sleeve Bearing), "WS" (12" Wire Leads, Sleeve Bearing)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Orion Fans:

[OA119AP-11-2TB](#) [OA119AP-11-2WS](#) [OA119AP-11-2TS](#) [OA119AP-11-2WB](#) [OA119AP-22-1TB](#) [OA119AP-22-3TS](#)
[OA119AP-22-3TB](#) [OA119AP-11-3WS](#) [OA119AP-11-3WB](#) [OA119AP-22-1WB](#) [OA119AP-22-2WB](#) [OA119AP-22-2TB](#)
[OA119AP-22-2TS](#) [OA119AP-11-3TB](#) [OA119AP-22-3WB](#) [OA119AP-11-1WS](#) [OA119AP-11-1WB](#) [OA119AP-11-1TB](#)
[OA119AP-11-3TS](#) [OA119AP-11-1TB01A18](#) [OA119AP-11-1WB01A18](#) [OA119AP-11-1TS](#) [OA119AP-22-1TS](#)
[OA119AP-22-1WS](#) [OA119AP-22-3WS](#) [OA119AP-22-2WS](#)