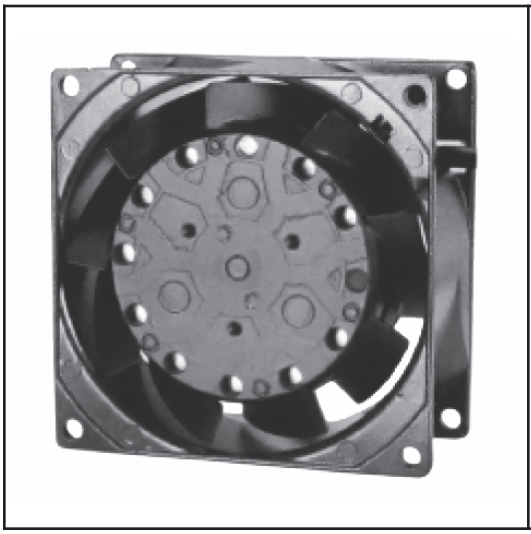
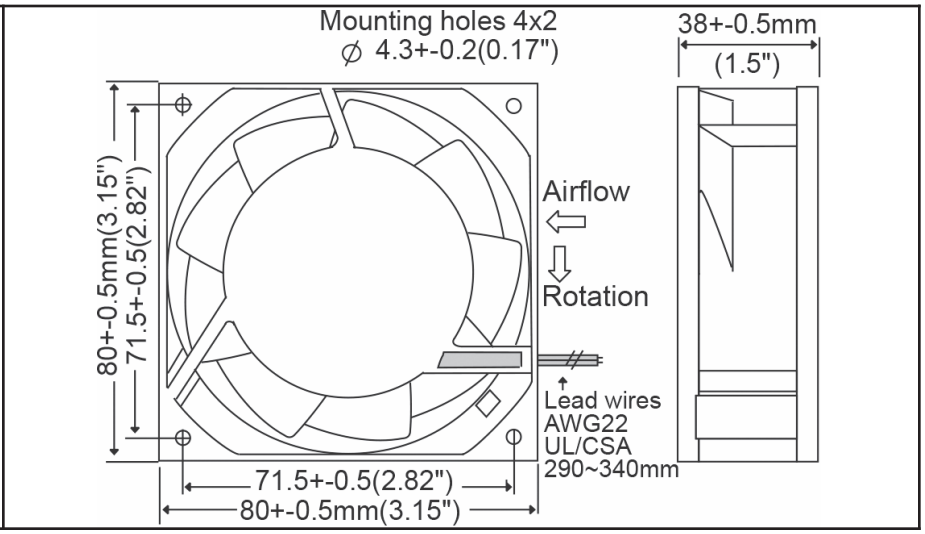
OA80 Series - All Metal

AC Fan - 115V, 230V
80 x 38mm (3.15" x 1.5")





Frame	Diecast Aluminum
Impeller	Metal Alloy
Connection	2x Lead Wires 22 AWG or terminals
Motor	Shaded pole, impedance protected
Bearing System	Dual ball bearing
Insulation Resistance	>100M ohm between lead-wire and frame (500VDC)
Dielectric Strength	1 min at 1500 VAC, 50/60Hz

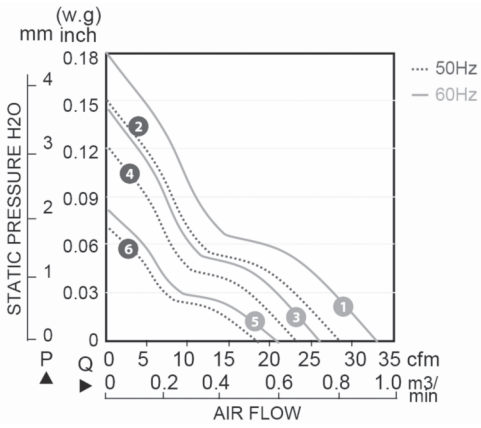
Operating Temperature
Ball Bearing
-30C ~ +80C
(non-condensing)
Storage Temp
-40C ~ +100C

Life Expectancy
Ball Bearing
50,000 hours (L10 at 55C)

Environmental Protection
IP55

Weight: ~ 0.95 lbs

m0



Model Number	Speed (RPM)	Airflow (CFM)	Noise (dB)	Volts AC	Voltage Range	Watts	Max. Static Pressure ("H_2O)	Curves
OA80AP-11-1 * 1855	2750 3200	28 33	35	115	100~120	15 13	0.22	2 (50Hz) 1 (60Hz)
OA80AP-11-2 * 1855	2200 2500	23 26	30	115	100~120	12 10	0.16	4 (50Hz) 3 (60Hz)
OA80AP-11-3 * 1855	1700 1900	18 21	23	115	100~120	8 6	0.07	6 (50Hz) 5 (60Hz)
OA80AP-22-1 * 1855	2750 3200	28 33	35	230	200~240	15 13	0.22	2 (50Hz) 1 (60Hz)
OA80AP-22-2 * 1855	2200 2500	23 26	30	230	200~240	12 10	0.16	4 (50Hz) 3 (60Hz)
OA80AP-22-3 * 1855	1700 1900	18 21	23	230	200~240	8 6	0.07	6 (50Hz) 5 (60Hz)

* Indicate "TB" for terminal type or "WB" for lead wires

Knight Electronics, Inc.
10557 Metric Drive
Dallas, Texas 75243
214-340-0265

RoHS Compliant

Orion Fans
Information and data is subject to change without prior notification.