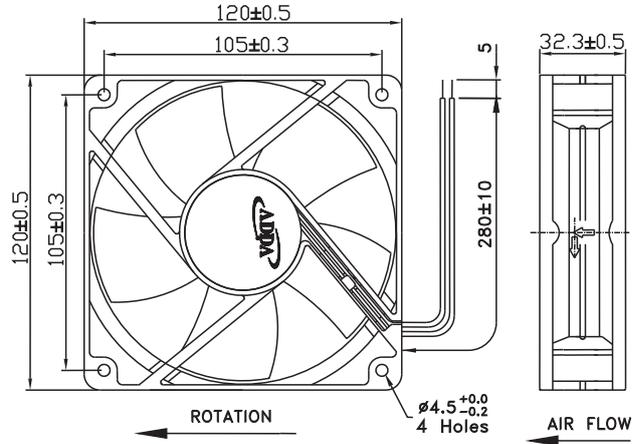




AD12032 SERIES

External Dimensions



Frame: Plastic (UL:94V-0)
 Impeller: Plastic (UL:94V-0)
 Lead wire: UL1007AWG24

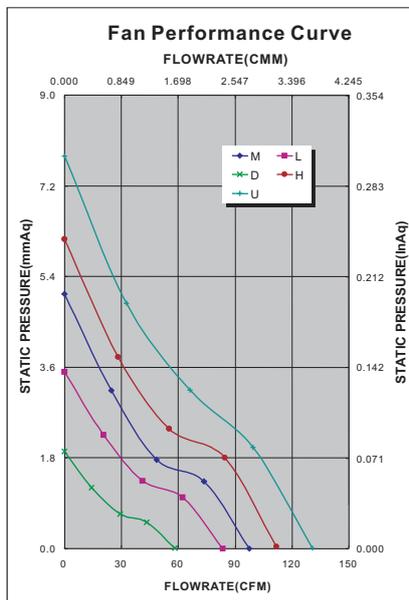
Specifications(Nominal)

*Noise is measured at the distance of one (1) meter from the axis of intake.

Bearing type: ◎=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

| Frame size (mm) | Model No. | Bearing System Type | Rated Voltage (VDC) | Current (A) | Power (W) | Rated Speed (rpm) | Maximum AirFlow (CMM) | Maximum AirFlow (CFM) | Maximum Pressure (InAq) | Maximum Pressure (mmAq) | *Noise Level (dB/A) | Weight (g) |
|-----------------|--------------|---------------------|---------------------|-------------|-----------|-------------------|-----------------------|-----------------------|-------------------------|-------------------------|---------------------|------------|
| 120x120x32 | AD1212DB-Y51 | ◎ ※ ● | 12 | 0.08 | 0.96 | 1450 | 1.649 | 58.30 | 0.076 | 1.93 | 26.9 | 213.0 |
| | AD1212LB-Y51 | ◎ ※ ● | 12 | 0.19 | 3.12 | 2000 | 2.365 | 83.60 | 0.138 | 3.51 | 36.2 | |
| | AD1212MB-Y51 | ◎ ※ ● | 12 | 0.22 | 2.64 | 2400 | 2.759 | 97.50 | 0.199 | 5.05 | 41.1 | |
| | AD1212HB-Y51 | ◎ ※ ● | 12 | 0.32 | 3.84 | 2750 | 3.056 | 108.00 | 0.215 | 5.46 | 43.3 | |
| | AD1212UB-Y51 | ◎ ※ ● | 12 | 0.51 | 6.12 | 3200 | 3.701 | 130.80 | 0.307 | 7.80 | 48.4 | |
| | AD1224DB-Y51 | ◎ ※ ● | 24 | 0.05 | 1.20 | 1450 | 1.649 | 58.30 | 0.076 | 1.93 | 26.9 | |
| | AD1224LB-Y51 | ◎ ※ ● | 24 | 0.10 | 2.40 | 2000 | 2.356 | 83.60 | 0.138 | 3.51 | 36.2 | |
| | AD1224MB-Y51 | ◎ ※ ● | 24 | 0.16 | 3.84 | 2400 | 2.759 | 97.50 | 0.199 | 5.05 | 41.1 | |
| | AD1224HB-Y51 | ◎ ※ ● | 24 | 0.21 | 5.04 | 2750 | 3.056 | 108.00 | 0.215 | 5.46 | 43.3 | |
| | AD1224UB-Y51 | ◎ ※ ● | 24 | 0.32 | 7.68 | 3200 | 3.702 | 130.80 | 0.307 | 7.80 | 48.4 | |
| | AD1248HB-Y51 | ◎ ※ ● | 48 | 0.11 | 5.28 | 2750 | 3.056 | 108.00 | 0.215 | 5.46 | 43.3 | |
| | AD1248UB-Y51 | ◎ ※ ● | 48 | 0.15 | 7.20 | 3200 | 3.701 | 130.80 | 0.307 | 7.80 | 48.4 | |

Specifications subject to change without notice.



*Motor protective circuit and third lead wire functions

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | A | B |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | ✓ |

*Safety approvals

| | | | | |
|---|---|--|---|---|
| | | | | |
| ✓ | ✓ | | ✓ | ✓ |