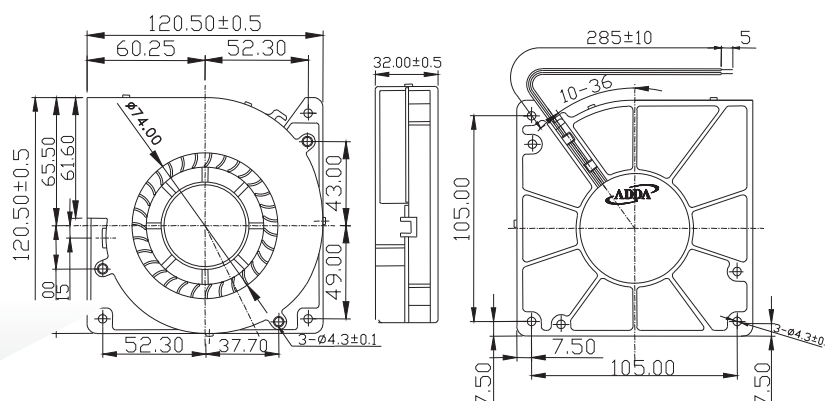




# AB12032 SERIES

## External Dimensions



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

## Specifications(Nominal)

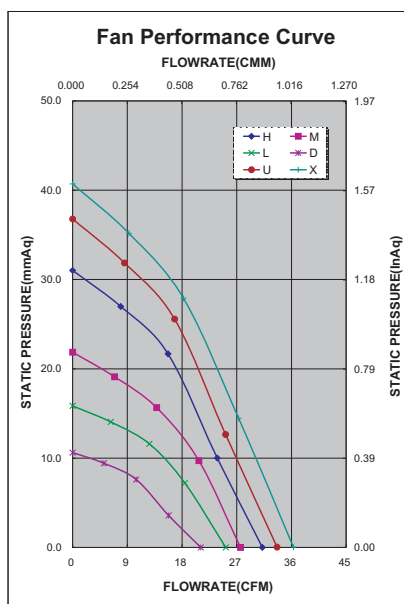
\*Noise is measured at the distance of one (1) meter from the axis of intake.

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      | AB1212DB-Y01 | ◎ ※ ●               | 12                  | 0.26        | 3.12      | 1800              | 0.596                 | 21.085                | 0.418                   | 10.617                  | 46.6                | 251.0      |
|                 | AB1212LB-Y01 | ◎ ※ ●               | 12                  | 0.41        | 4.92      | 2100              | 0.713                 | 25.196                | 0.624                   | 15.849                  | 48.0                |            |
|                 | AB1212MB-Y01 | ◎ ※ ●               | 12                  | 0.53        | 6.36      | 2300              | 0.798                 | 28.201                | 0.889                   | 22.580                  | 49.0                |            |
|                 | AB1212HB-Y01 | ◎ ※ ●               | 12                  | 0.79        | 9.48      | 2600              | 0.883                 | 31.206                | 1.221                   | 31.013                  | 55.0                |            |
|                 | AB1212UB-Y01 | ◎ ※ ●               | 12                  | 0.94        | 11.28     | 2800              | 0.951                 | 33.623                | 1.448                   | 36.779                  | 53.3                |            |
|                 | AB1212XB-Y01 | ◎                   | 12                  | 1.12        | 13.44     | 3100              | 1.027                 | 36.323                | 1.602                   | 40.690                  | 57.0                |            |
|                 | AB1224DB-Y01 | ◎ ※ ●               | 24                  | 0.19        | 4.56      | 1800              | 0.596                 | 21.085                | 0.418                   | 10.617                  | 46.6                |            |
|                 | AB1224LB-Y01 | ◎ ※ ●               | 24                  | 0.25        | 6.00      | 2100              | 0.713                 | 25.196                | 0.624                   | 15.849                  | 48.0                |            |
|                 | AB1224MB-Y01 | ◎ ※ ●               | 24                  | 0.36        | 8.64      | 2300              | 0.798                 | 28.201                | 0.889                   | 22.580                  | 49.0                |            |
|                 | AB1224HB-Y01 | ◎ ※ ●               | 24                  | 0.43        | 10.32     | 2600              | 0.883                 | 31.206                | 1.221                   | 31.013                  | 55.0                |            |
|                 | AB1224UB-Y01 | ◎ ※ ●               | 24                  | 0.50        | 12.00     | 2800              | 0.951                 | 33.623                | 1.448                   | 36.779                  | 53.3                |            |
|                 | AB1224XB-Y01 | ◎                   | 24                  | 0.68        | 16.32     | 3100              | 1.027                 | 36.323                | 1.602                   | 40.690                  | 57.0                |            |
|                 | AB1248DB-Y01 | ◎ ※ ●               | 48                  | 0.09        | 4.32      | 1800              | 0.596                 | 21.085                | 0.418                   | 10.617                  | 46.6                |            |
|                 | AB1248LB-Y01 | ◎ ※ ●               | 48                  | 0.16        | 7.68      | 2100              | 0.713                 | 25.196                | 0.624                   | 15.849                  | 48.0                |            |
|                 | AB1248MB-Y01 | ◎ ※ ●               | 48                  | 0.18        | 8.64      | 2300              | 0.798                 | 28.201                | 0.889                   | 22.580                  | 49.0                |            |
|                 | AB1248HB-Y01 | ◎ ※ ●               | 48                  | 0.22        | 10.56     | 2600              | 0.883                 | 31.206                | 1.221                   | 31.013                  | 55.0                |            |
|                 | AB1248UB-Y01 | ◎ ※ ●               | 48                  | 0.29        | 13.92     | 2800              | 0.951                 | 33.623                | 1.448                   | 36.779                  | 53.3                |            |

Specifications subject to change without notice.

The specification for bearing type is for reference only , for more bearing types information, please contact with your ADDA sales representative, thanks!!  
(網頁上呈現產品軸承資訊均以2Ball為主，若需其他產品資訊請聯絡您在ADDA的業務代表，謝謝！！)



\*Motor protective circuit and third lead wire functions

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

\*Safety approvals

| UL | cUL | SA | CE | CE |
|----|-----|----|----|----|
| ✓  | ✓   |    | ✓  | ✓  |