



# AB12032 SERIES

## External Dimensions



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

## Specifications(Nominal)

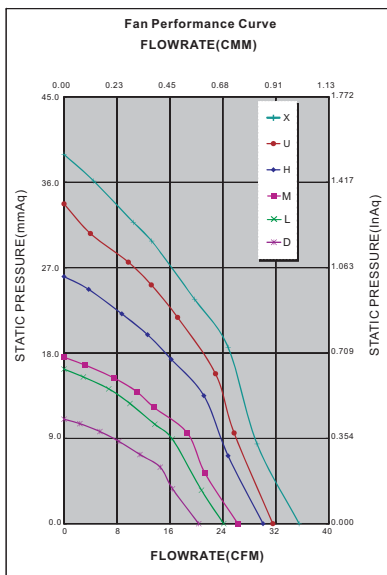
\*Noise is measured at the distance of one (1) meter from the axis of intake.

Bearing type: ◎=Ball ※=Sleeve ●=Hydro 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-Y0B | ◎ ※ ●               | 12                  | 0.26        | 3.12      | 1800              | 0.575                 | 20.345                | 0.434                   | 11.023                  | 50.2                | 251.0      |
|                 | AB1212LB-Y0B | ◎ ※ ●               | 12                  | 0.41        | 4.92      | 2100              | 0.682                 | 24.128                | 0.642                   | 16.306                  | 49.3                |            |
|                 | AB1212MB-Y0B | ◎ ※ ●               | 12                  | 0.53        | 6.36      | 2300              | 0.743                 | 26.264                | 0.691                   | 17.551                  | 47.6                |            |
|                 | AB1212HB-Y0B | ◎ ※ ●               | 12                  | 0.79        | 9.48      | 2600              | 0.851                 | 30.071                | 1.026                   | 26.060                  | 52.6                |            |
|                 | AB1212UB-Y0B | ◎ ※ ●               | 12                  | 0.94        | 11.28     | 2800              | 0.892                 | 31.534                | 1.328                   | 33.731                  | 55.7                |            |
|                 | AB1212XB-Y0B | ◎                   | 12                  | 1.12        | 13.44     | 3100              | 1.005                 | 35.516                | 1.533                   | 38.938                  | 59.6                |            |
|                 | AB1224DB-Y0B | ◎ ※ ●               | 24                  | 0.19        | 4.56      | 1800              | 0.575                 | 20.345                | 0.434                   | 11.023                  | 50.2                |            |
|                 | AB1224LB-Y0B | ◎ ※ ●               | 24                  | 0.25        | 6.00      | 2100              | 0.682                 | 24.128                | 0.642                   | 16.306                  | 49.3                |            |
|                 | AB1224MB-Y0B | ◎ ※ ●               | 24                  | 0.36        | 8.64      | 2300              | 0.743                 | 26.264                | 0.691                   | 17.551                  | 47.6                |            |
|                 | AB1224HB-Y0B | ◎ ※ ●               | 24                  | 0.43        | 10.32     | 2600              | 0.851                 | 30.071                | 1.026                   | 26.060                  | 52.6                |            |
|                 | AB1224UB-Y0B | ◎ ※ ●               | 24                  | 0.50        | 12.00     | 2800              | 0.892                 | 31.534                | 1.328                   | 33.731                  | 55.7                |            |
|                 | AB1224XB-Y0B | ◎                   | 24                  | 0.68        | 16.32     | 3100              | 1.005                 | 35.516                | 1.533                   | 38.938                  | 59.6                |            |
|                 | AB1248DB-Y0B | ◎ ※ ●               | 48                  | 0.09        | 4.32      | 1800              | 0.575                 | 20.345                | 0.434                   | 11.023                  | 50.2                |            |
|                 | AB1248LB-Y0B | ◎ ※ ●               | 48                  | 0.16        | 7.68      | 2100              | 0.682                 | 24.128                | 0.642                   | 16.306                  | 49.3                |            |
|                 | AB1248MB-Y0B | ◎ ※ ●               | 48                  | 0.18        | 8.64      | 2300              | 0.743                 | 26.264                | 0.691                   | 17.551                  | 47.6                |            |
|                 | AB1248HB-Y0B | ◎ ※ ●               | 48                  | 0.22        | 10.56     | 2600              | 0.851                 | 30.071                | 1.026                   | 26.060                  | 52.6                |            |
| AB1248UB-Y0B    | ◎ ※ ●        | 48                  | 0.29                | 13.92       | 2800      | 0.892             | 31.534                | 1.328                 | 33.731                  | 55.7                    |                     |            |

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

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

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