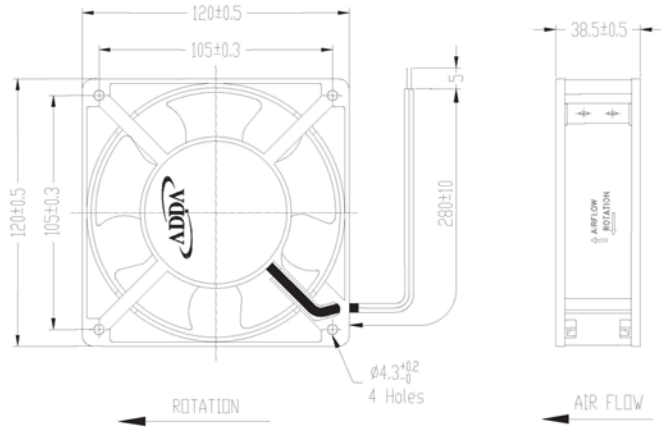


# AA12038(A1) SERIES



## External Dimensions



Frame: Aluminum Alloy  
 Impeller: Plastic (UL: 94V-0)  
 Bearing: Ball, Sleeve, Hydro bearing  
 Lead wire: UL 1430 AWG22  
 OPERATING TEMP\*: -10C~70C  
 \*: -10C~60C for fans with sleeve/ball combination bearings.

## Specifications(Nominal)

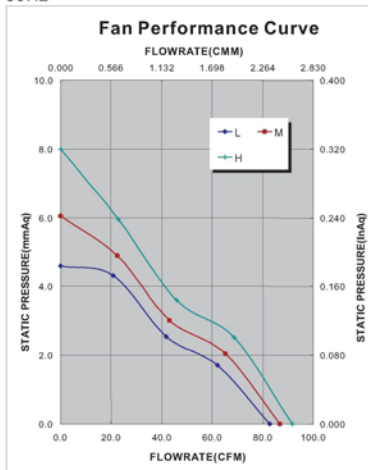
\*: Noise is measured at the distance of one (1) meter from the axis of intake.

Bearing type: ⊗=Ball ⊕=Sleeve ○=1B1S ●=Hydro bearing

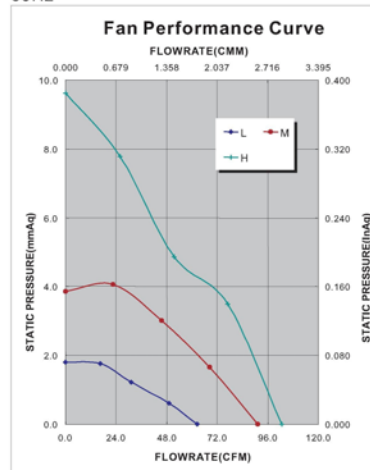
| Frame size (mm) | Model No.   | Bearing System Type | Volt./Freq. (VAC/Hz) | Current (A) | Power (W) | Rated Speed (rpm) | Maximum AirFlow (CMM) | Maximum AirFlow (CFM) | Maximum Pressure (InAq) | Maximum Pressure (mmAq) | *Noise Level (dB/A) | Weight (g) |
|-----------------|-------------|---------------------|----------------------|-------------|-----------|-------------------|-----------------------|-----------------------|-------------------------|-------------------------|---------------------|------------|
| 120x120x38.5    | AA1281HS-AT | ⊗                   | 115/50               | 0.25        | 19.80     | 2600              | 2.437                 | 86.10                 | 0.297                   | 7.532                   | 42.6                | 550        |
|                 |             |                     | 115/60               | 0.20        | 16.50     | 3000              | 2.801                 | 99.00                 | 0.323                   | 8.197                   | 47.0                |            |
|                 | AA1281MS-AT | ⊗                   | 115/50               | 0.25        | 15.80     | 2600              | 2.434                 | 86.00                 | 0.238                   | 6.045                   | 43.8                |            |
|                 |             |                     | 115/60               | 0.21        | 13.70     | 2800              | 2.584                 | 91.30                 | 0.141                   | 3.581                   | 46.1                |            |
|                 | AA1281LS-AT | ⊗                   | 115/50               | 0.10        | 7.00      | 2300              | 2.108                 | 74.50                 | 0.137                   | 3.470                   | 42.8                |            |
|                 |             |                     | 115/60               | 0.09        | 6.40      | 1900              | 1.766                 | 62.40                 | 0.071                   | 1.803                   | 36.4                |            |
|                 | AA1282HS-AT |                     | 230/50               | 0.12        | 19.80     | 2700              | 2.606                 | 91.21                 | 0.343                   | 8.745                   | 44.8                |            |
|                 |             |                     | 230/60               | 0.10        | 16.30     | 3100              | 2.923                 | 102.51                | 0.345                   | 8.763                   | 48.4                |            |

Specifications subject to change without notice.

50Hz



60Hz



\*Safety approvals

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