



# FBL12G (120<sup>□</sup> x 38<sup>L</sup>)



**NMB-MAT**

EMINEBEA.COM

**THIS MODEL IS NO LONGER AVAILABLE FOR NEW DESIGNS**  
See other models available in this frame size here - 4715VL

## General Specifications

### Allowable Ambient Temperature Range:

- 10°C ~ +70°C (65%RH) (Operating)
- 40°C ~ +75°C (65%RH) (Storage)
- (non-condensing environment)

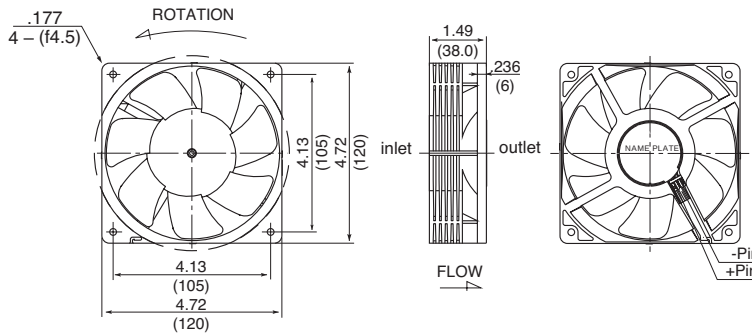
## Expected Life

### Failure Rate: 10%

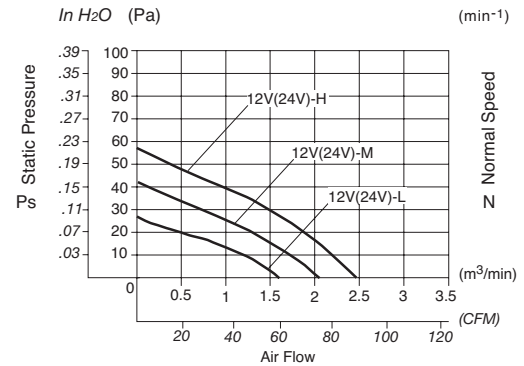
- 30,000 Hours (25°C, 65%RH)
- 10,000 Hours (70°C, 65%RH)

## Outline

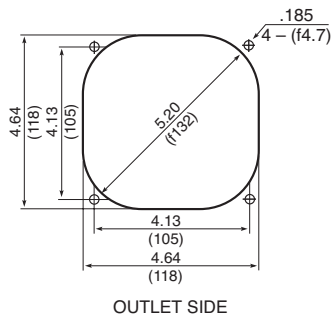
Units:  $\frac{\text{inch}}{(\text{mm})}$



## Characteristic Curves



## Panel Cut-outs



## Material

Bearing: Hydro Wave Bearing

## Specifications

| MODEL      | Rated Voltage | Operating Voltage | Current           | Input Power       | Rated Speed                        | Max. Flow             |                                     | Max. Static Pressure |                    | Noise              | Mass |
|------------|---------------|-------------------|-------------------|-------------------|------------------------------------|-----------------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|            | (V)           | (V)               | (A) <sup>*1</sup> | (W) <sup>*1</sup> | (min <sup>-1</sup> ) <sup>*1</sup> | Air CFM <sup>*1</sup> | (m <sup>3</sup> /min) <sup>*1</sup> | in H <sub>2</sub> O  | (Pa) <sup>*1</sup> | (dB) <sup>*1</sup> | (g)  |
| FBL12G 12L | 12            | 7.0 ~ 13.8        | 170               | 2.04              | 1700                               | 68.9                  | 1.94                                | .13                  | 32.4               | 30.0               | 270  |
| FBL12G 12M | 12            | 7.0 ~ 13.8        | 280               | 3.36              | 2100                               | 86.5                  | 2.45                                | .18                  | 47.1               | 35.5               | 270  |
| FBL12G 12H | 12            | 7.0 ~ 13.8        | 370               | 4.44              | 2500                               | 103.8                 | 2.94                                | .26                  | 66.7               | 41.5               | 270  |
| FBL12G 24L | 24            | 14.0 ~ 27.6       | 86                | 2.30              | 1700                               | 68.9                  | 1.95                                | .13                  | 32.4               | 30.0               | 270  |
| FBL12G 24M | 24            | 14.0 ~ 27.6       | 124               | 2.98              | 2100                               | 86.5                  | 2.45                                | .18                  | 47.1               | 35.5               | 270  |
| FBL12G 24H | 24            | 14.0 ~ 27.6       | 200               | 4.80              | 2500                               | 103.8                 | 2.94                                | .26                  | 66.7               | 41.5               | 270  |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air