

DC Fan Motors

Scirocco Ace 76  
[ 2.99 inch dia ]

General specifications

Motor protection system ··· Current cut system (with reverse-connection protection)  
Dielectric strength ······ 50/60 Hz, 500 VAC, 1 minute  
(between lead conductor and frame)  
Operating thermally range — 10°C to +60°C (non-condensing)  
Fan power lead ········· H and F speeds, ⊕ red, ⊖ black  
M speed, ⊕ red, ⊖ blue

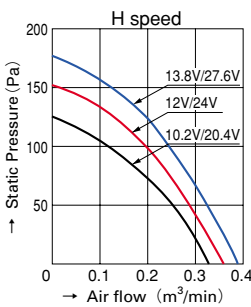


Specifications

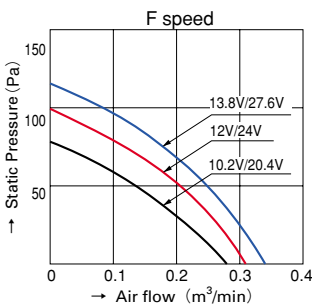
| Model No             | Rated voltage (V) | Operating voltage range (V) | Rated current (A) | Rated input (W) | Rated rotating speed (min <sup>-1</sup> ) | Air flow (m <sup>3</sup> /min) | Static pressure (Pa) | Noise (dB[A]) | Mass (g) |
|----------------------|-------------------|-----------------------------|-------------------|-----------------|-------------------------------------------|--------------------------------|----------------------|---------------|----------|
| 109BD12HA2(HC2)(HD2) | 12                | 10.2~13.8                   | 0.37              | 4.44            | 3,000                                     | 0.36                           | 12.7                 | 151.9         | 41.5     |
| 109BD12FA2(FC2)(FD2) |                   |                             | 0.27              | 3.24            | 2,600                                     | 0.31                           | 10.9                 | 98            | 37       |
| 109BD12MA2(MC2)(MD2) |                   |                             | 0.14              | 1.68            | 2,100                                     | 0.25                           | 8.8                  | 58.8          | 32.5     |
| 109BD24HA2(HC2)(HD2) | 24                | 20.4~27.6                   | 0.17              | 4.08            | 3,000                                     | 0.36                           | 12.7                 | 151.9         | 41.5     |
| 109BD24FA2(FC2)(FD2) |                   |                             | 0.14              | 3.36            | 2,600                                     | 0.31                           | 10.9                 | 98            | 37       |
| 109BD24MA2(MC2)(MD2) |                   |                             | 0.10              | 2.40            | 2,100                                     | 0.25                           | 8.8                  | 58.8          | 32.5     |

Model numbers in ( ) represent models with pulse sensor.  
[ ] denotes lock sensor attachment.

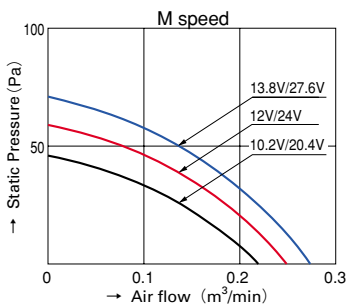
Typical air flow and static pressure characteristics



109BD12HA2  
109BD24HA2

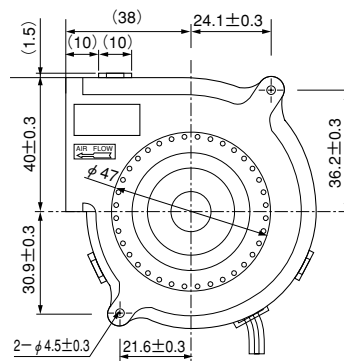
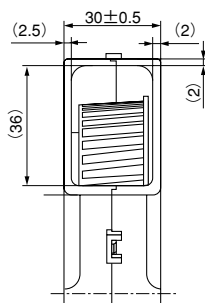
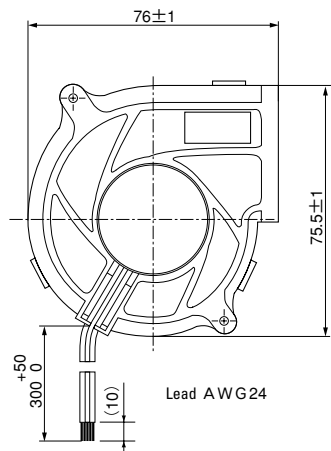


109BD12FA2  
109BD24FA2



109BD12MA2  
109BD24MA2

Dimensions (unit : mm)



Bloor Fans

76mm

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