

DC Fan Motors

# Scirocco Ace 76

[ 2.99 inch dia ]



**General specifications**

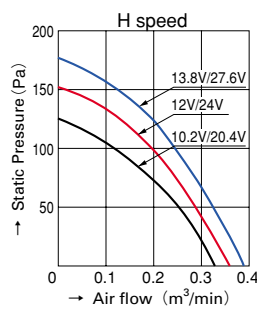
- Motor protection system ···· Current cut system (with reverse-connection protection)
- Dielectric strength ······ 50/60 Hz, 500 VAC, 1 minute  
(between lead conductor and frame)
- Operating thermally range · -10°C to +60°C (non-condensing)
- Fan power lead ········ H and F speeds, ⊕ red, ⊖ black 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

**Specifications**

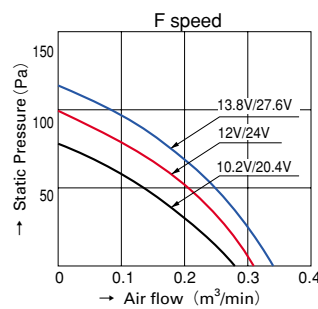
Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min <sup>-1</sup> )	Air flow (m <sup>3</sup> /min)	Air flow (CFM)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
<b>109BD12HA2(HC2)(HD2)</b>	12	10.2~13.8	0.37	4.44	3,000	0.36	12.7	151.9	41.5	100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

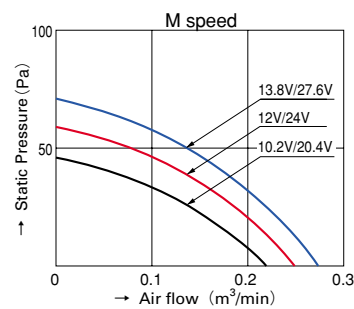
**Typical air flow and static pressure characteristics**



109BD12HA2  
109BD24HA2



109BD12FA2  
109BD24FA2



109BD12MA2  
109BD24MA2

**Dimensions (unit : mm)**

