

DC Fan Motors

# Dyna Ace $\phi 172\text{mm}$

side cut type

With a high air flow, it is best suited for large computers and industrial equipment.

**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  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  (non-condensing)  
 Fan power lead ········C,K,H,F speeds,  $\oplus$  red,  $\ominus$  black  
 M speed,  $\oplus$  red,  $\ominus$  blue

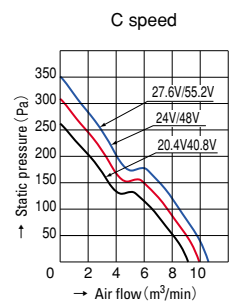


**51mm** thick (side cut type :  $\phi 172 \times 150$ )

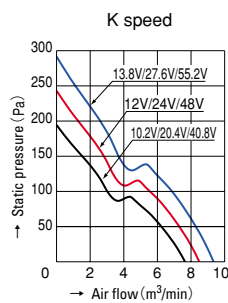
**Specifications**

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)
109E5712K502	12	10.2~13.8	2.9	34.8	4,100	8.5	300	243.0	760
109E5712H502			1.2	14.4	3,050	6.4	226	137.2	
109E5712M502			0.48	5.76	2,000	4.2	148	67.6	
109E5724C502	24	20.4~27.6	2.3	55.2	4,800	9.9	350	308.0	760
109E5724K502			1.3	31.2	4,100	8.5	300	243.0	
109E5724H502			0.58	13.92	3,050	6.4	226	137.2	
109E5724M502	48	40.8~55.2	0.2	4.8	2,000	4.2	148	67.6	760
109E5748C502			1.2	57.6	4,800	9.9	350	308.0	
109E5748K502			0.7	33.6	4,100	8.5	300	243.0	
109E5748H502	48	40.8~55.2	0.28	13.44	3,050	6.4	226	137.2	760
109E5748M502			0.11	5.28	2,000	4.2	148	67.6	

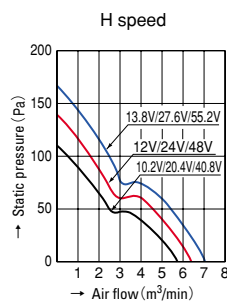
**Typical air flow and static pressure characteristics**



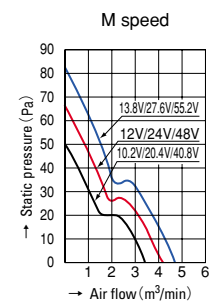
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109E5748C502



109E1712K502  
109E1724K502  
109E1748K502



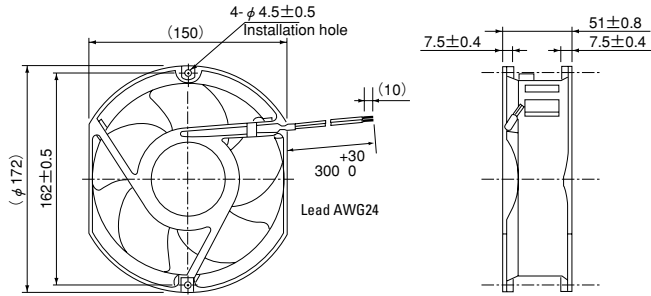
109E1712H502  
109E1724H502  
109E1748H502



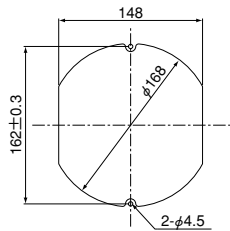
109E1712M502  
109E1724M502  
109E1748M502

# Dimensions (unit : mm)

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# Reference dimensional diagram for installation holes (unit : mm)



172mm

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Rev.B