

A *Nidec* Group Company

SERVO

— All for dreams

SERVO

D1751M24B6ZP-00

DC24V 1.8A

JAPAN SERVO CO.,LTD.

MADE IN JAPAN

7 H 0 1

DC Axial Fan Catalogue

D1751M/S Series

The industry leader in high air flow and low noise.
High efficiency motor reduces driving current.
Built-in PWM control circuit allows
for lower input power and lower noise.

DC Axial Fan

D1751M $\phi 172 \times 150 \times 51$ ($\phi 6.8" \times 6.0" \times 2.0"$)Max. airflow : 14.2 m³/min

Max. static pressure : 580 Pa

Mass : 780 g

Fan model code

D1751M24B9ZP300

D1751M48B9ZP-00

D1751M24B8ZP300

D1751M48B8ZP-00

D1751M24B7ZP-00

D1751M48B7ZP-00

D1751M24B6ZP-00

D1751M48B6ZP-00

D1751M24B5ZP-00

D1751M48B5ZP-00

D1751M12B4AP-00

D1751M24B4ZP-00

D1751M48B4ZP-00

D1751M12B3AP-00

D1751M24B3AP-00

D1751M48B3AP-00

D1751M12B2AP-00

D1751M24B2AP-00

D1751M48B2AP-00

D1751M12B1AP-00

D1751M24B1AP-00

Standard specification

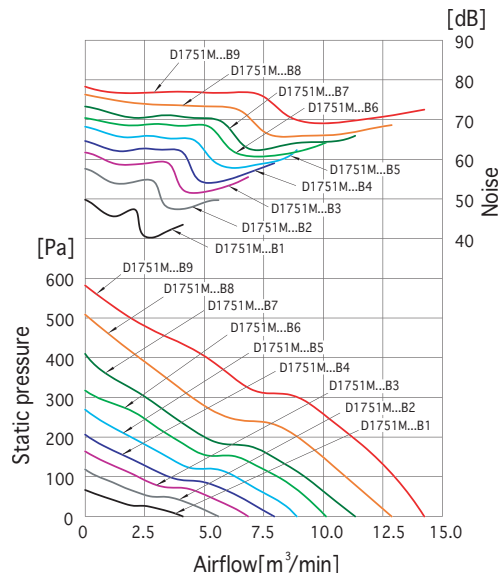
Max. airflow m ³ /min	CFM	Max. static pressure		Noise dB	Speed min ⁻¹		Input W	Voltage spec. V		Current mA		Model code	Operating temp. range °C
		Pa	inH ₂ O		Max.	Min.		Rating	Operating Range	Rating	Starting		
14.2	501	580	2.33	75	6800	3200	110	24	16-28	4600	6900	D1751M24B9ZP300	-20 ~ +60
								48	36-60	2300	6000	D1751M48B9ZP-00	
12.7	448	510	2.05	72	6100	2600	81.6	24	16-28	3400	4800	D1751M24B8ZP300	
								48	36-60	1650	3500	D1751M48B8ZP-00	
11.4	402	410	1.65	69	5400	1500	58.8	24	12-27.6	2450	5600	D1751M24B7ZP-00	
								48	36-60	1200	2350	D1751M48B7ZP-00	
10.2	360	315	1.27	64	4800	1000	43.2	24	12-27.6	1800	3200	D1751M24B6ZP-00	-20 ~ +70
								48	36-60	820	1800	D1751M48B6ZP-00	
9	318	260	1.04	61	4200	1000	28.8	24	12-27.6	1200	2200	D1751M24B5ZP-00	
								48	36-60	600	1150	D1751M48B5ZP-00	
8	282	205	0.82	57	3800	1000	22	12	8.4-13.8	1840	3800	D1751M12B4AP-00	
								24	12-27.6	900	2200	D1751M24B4ZP-00	
6.8	240	155	0.62	54	3200	-	14.5	48	36-60	450	860	D1751M48B4ZP-00	
								12	8.4-13.8	1200	3400	D1751M12B3AP-00	
5.8	205	120	0.48	49	2800	-	10	24	12-27.6	600	2400	D1751M24B3AP-00	
								48	28.8-55.2	310	900	D1751M48B3AP-00	
4.2	148	67	0.27	41	2000	-	4.7	12	8.4-13.8	800	2900	D1751M12B2AP-00	
								24	12-27.6	400	1900	D1751M24B2AP-00	
								48	28.8-55.2	210	700	D1751M48B2AP-00	
								12	8.4-13.8	390	2200	D1751M12B1AP-00	
								24	12-27.6	200	1150	D1751M24B1AP-00	

● * Based on your needs, these models can be modified to have PWM control. Please contact Japan Servo for more information.

● Figures in the table are average measured values. Please request the product delivery specification when preparing a purchase specification.

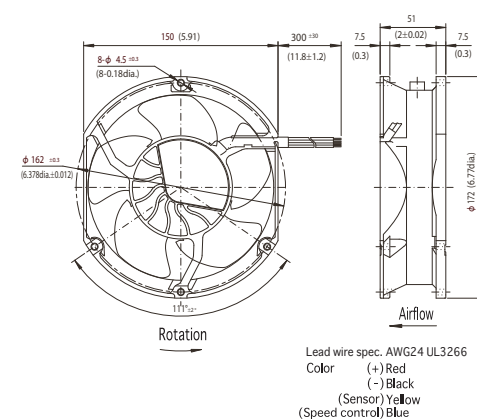
● The characteristics are the values at rated voltage (12 V, 24 V, 48 V), and normal temperature and humidity.

Standard airflow and static pressure characteristics (At rated voltage)

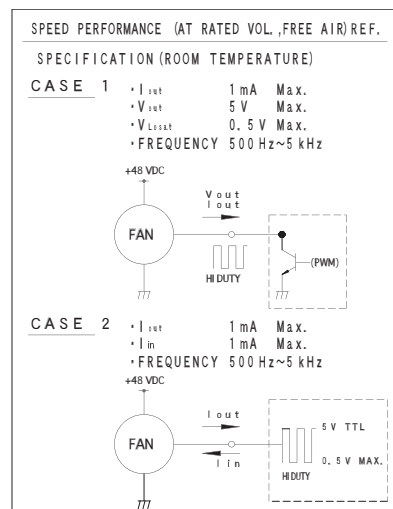
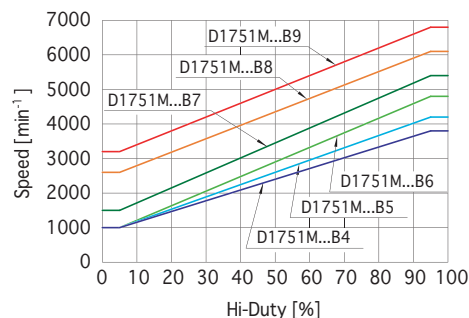


External dimensions in mm (inches)

● Lead wire type



PWM speed control specification



● To ensure correct installation and smooth operation please obtain a drawing for approval or reference drawing from Japan Servo Co.

DC Axial Fan

D1751S $\phi 172 \times 51$ ($\phi 6.8" \times 2.0"$)Max. airflow : 14.2 m³/min

Max. static pressure : 640 Pa

Mass : 830 g

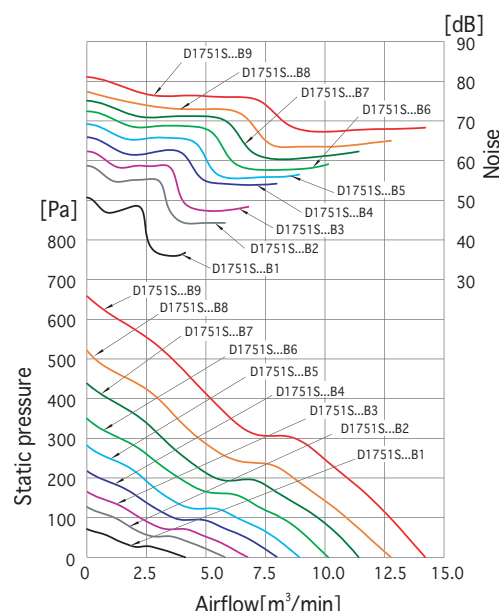
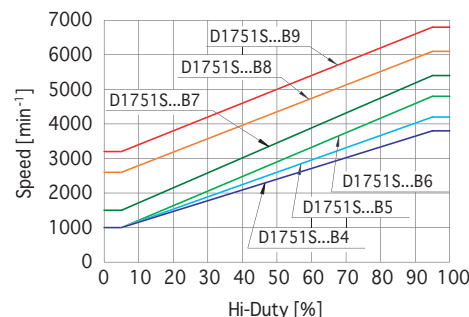
Fan model code**D1751S24B9ZP300****D1751S48B9ZP-00****D1751S24B8ZP300****D1751S48B8ZP-00****D1751S24B7ZP-00****D1751S48B7ZP-00****D1751S24B6ZP-00****D1751S48B6ZP-00****D1751S24B5ZP-00****D1751S48B5ZP-00****D1751S12B4AP-00****D1751S24B4ZP-00****D1751S48B4ZP-00****D1751S12B3AP-00****D1751S24B3AP-00****D1751S48B3AP-00****D1751S12B2AP-00****D1751S24B2AP-00****D1751S48B2AP-00****D1751S12B1AP-00****D1751S24B1AP-00****Standard specification**

Max. airflow		Max. static pressure		Noise dB	Speed min ⁻¹		Input W	Voltage spec. V		Current mA		Model code <small>☐ Models without PWM control*</small>	Operating temp. range °C	
m³/min	CFM	Pa	inH₂O		Max.	Min.		Rating	Operating Range	Rating	Starting			
14.2	501	640	2.57	68	6800	3200	110	24	16-28	4600	6900	D1751S24B9ZP300	-20 ~ +60	
								48	36-60	2300	6000	D1751S48B9ZP-00		
12.7	448	520	2.09	65	6100	2600		81.6	24	16-28	3400	4800		D1751S24B8ZP300
								79.2	48	36-60	1650	3500		D1751S48B8ZP-00
11.4	402	435	1.75	62	5400	1500		58.8	24	12-27.6	2450	5600		D1751S24B7ZP-00
								57.6	48	36-60	1200	2350		D1751S48B7ZP-00
10.2	360	335	1.35	59	4800	1000		43.2	24	12-27.6	1800	3200		D1751S24B6ZP-00
								39.4	48	36-60	820	1800		D1751S48B6ZP-00
9	318	270	1.08	56	4200	1000	28.8	24	12-27.6	1200	2200	D1751S24B5ZP-00		
								48	36-60	600	1150	D1751S48B5ZP-00		
8	282	220	0.88	53.5	3800	1000	22	12	8.4-13.8	1840	3800	D1751S12B4AP-00		
								24	12-27.6	900	2200	D1751S24B4ZP-00		
6.8	240	165	0.66	48	3200	-	14.5	48	36-60	450	860	D1751S48B4ZP-00		
								12	8.4-13.8	1200	3400	D1751S12B3AP-00		
								24	12-27.6	600	2400	D1751S24B3AP-00		
								48	28.8-55.2	310	900	D1751S48B3AP-00		
5.8	205	125	0.50	44	2800	-	10	12	8.4-13.8	800	2900	D1751S12B2AP-00		
								24	12-27.6	400	1900	D1751S24B2AP-00		
								48	28.8-55.2	210	700	D1751S48B2AP-00		
4.2	148	70	0.28	36	2000	-	4.7	12	8.4-13.8	390	2200	D1751S12B1AP-00		
								24	12-27.6	200	1150	D1751S24B1AP-00		

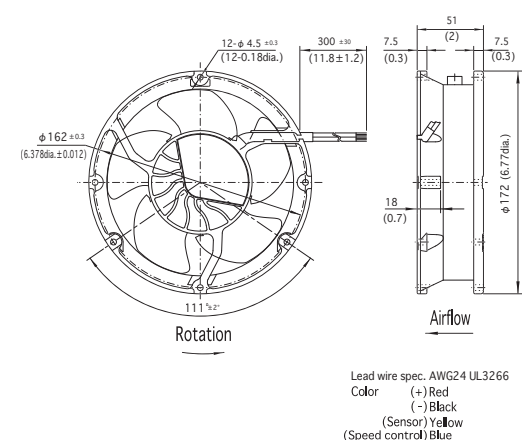
● * Based on your needs, these models can be modified to have PWM control. Please contact Japan Servo for more information.

● Figures in the table are average measured values. Please request the product delivery specification when preparing a purchase specification.

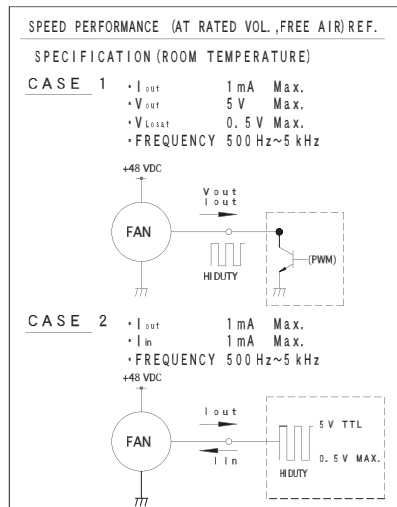
● The characteristics are the values at rated voltage (12 V, 24 V, 48 V), and normal temperature and humidity.

Standard airflow and static pressure characteristics (At rated voltage)**PWM speed control specification****External dimensions in mm (inches)**

● Lead wire type



Lead wire spec. AWG24 UL3266
Color (+) Red
(-) Black
(Sensor) Yellow
(Speed control) Blue



● To ensure correct installation and smooth operation please obtain a drawing for approval or reference drawing from Japan Servo Co.