

Technical drawing of the 1000W 24VDC motor, showing front and side views with dimensions in mm.

Front View Dimensions:

- Total width: 108
- Distance from center to mounting flange: 52.5
- Flange thickness: 3.3
- Total height: 130

Side View Dimensions:

- Total length: 352
- Distance from front flange to first cooling fin: 7.5
- Distance between cooling fins: 127
- Distance from last cooling fin to rear flange: 83
- Front flange thickness: 6.5
- Distance from front flange to first mounting hole: 104
- Distance between mounting holes: 102
- Distance from mounting hole to cooling fin: 88.5
- Distance from cooling fin to mounting hole: 53
- Mounting hole diameter: $\varnothing 5.8$

- * *Low temperature rise and durability.*
- * *Tenfold life time to AC brush motors.*
- * *Variable speed available and low noise.*
- * *High level of efficiency and energy-saving.*
- * *Totally design and manufacture in Taiwan.*
- * *Without carbon pollution, environmentally friendly and free maintenance.*

A black, cylindrical industrial motor component, likely a brushless motor, shown from a side-on perspective. It features a flange at one end and cooling fins along its length. The component is set against a white background.

- * *Reverse polarity, Soft start protection, Over-load protection, Locked-rotor protection, Over temperature protection, Over voltage protection and Lower voltage protection.*

<i>Model</i>	<i>Voltage (Vdc)</i>	<i>Voltage Range</i>	<i>Current (A)</i>	<i>Air flow (CMH)</i>	<i>Speed (RPM)</i>	<i>Noise (dBA)</i>
<i>B080D024-001</i>	<i>24</i>	<i>16-32V</i>	<i>6.5</i>	<i>650</i>	<i>3750</i>	<i>70</i>
<i>B080D012-002</i>	<i>12</i>	<i>9-14V</i>	<i>11.2</i>	<i>620</i>	<i>3450</i>	<i>70</i>
<i>B080D024-003</i>	<i>24</i>	<i>16-32V</i>	<i>2.74</i>	<i>450</i>	<i>2700</i>	<i>70</i>

POWER CIRCLING CO., LTD. 速克立股份有限公司

FAX : +886-42561-6479

Website : www.powercircling.com

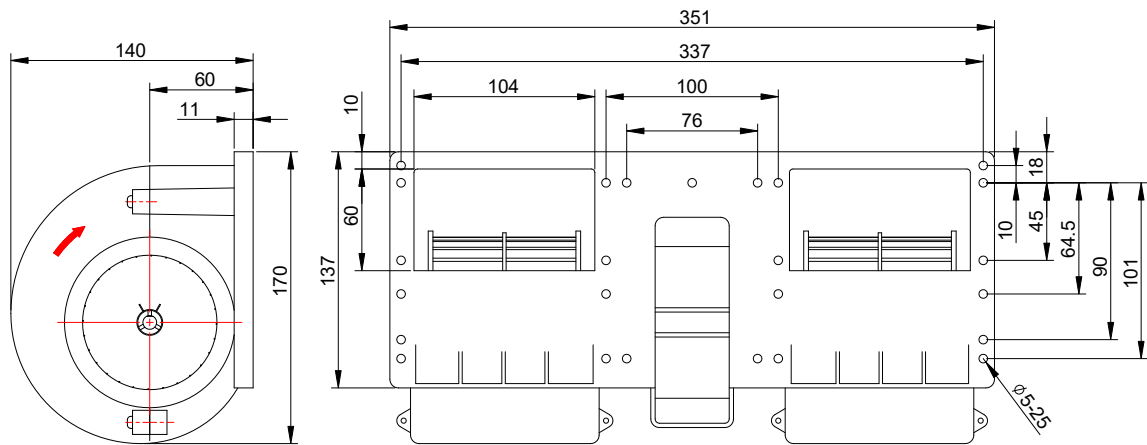
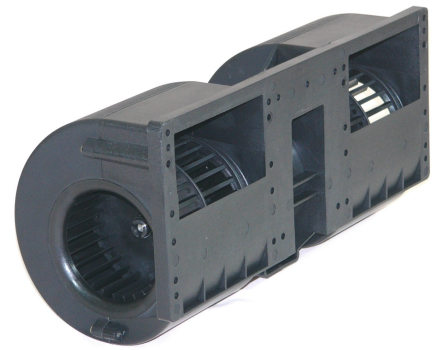


Brushless DC DUAL BLOWER

(Ø100 dual blower)

Feature :

- * Low temperature rise and durability.
- * Tenfold life time to AC brush motors.
- * Variable speed available and low noise.
- * High level of efficiency and energy-saving.
- * Totally design and manufacture in Taiwan.
- * Without carbon pollution, environmentally friendly and free maintenance.



Motor protection :

- * Reverse polarity, Soft start protection, Over-load protection, Locked-rotor protection, Over temperature protection, Over voltage protection and Lower voltage protection.

Model	Voltage (Vdc)	Voltage Range	Current (A)	Air flow (CMH)	Speed (RPM)	Noise
B100D024-001	24	16-32V	11.5	1050	4050	71
B100D024-002	24	16-32V	10.5	1000	3900	70
B100D024-003	24	16-32V	9.8	950	3750	69
B100D024-004	24	16-32V	9.0	900	3500	68
B100D024-005	24	16-32V	7.5	850	3300	66
B100D012-006	12	9-14V	11.5	750	3000	65

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FAX : +886-42561-6479

E-mail : pc.motor@msa.hinet.net

Website : www.powercircling.com



Brushless DC MOTOR

(for Ø100 dual blower)

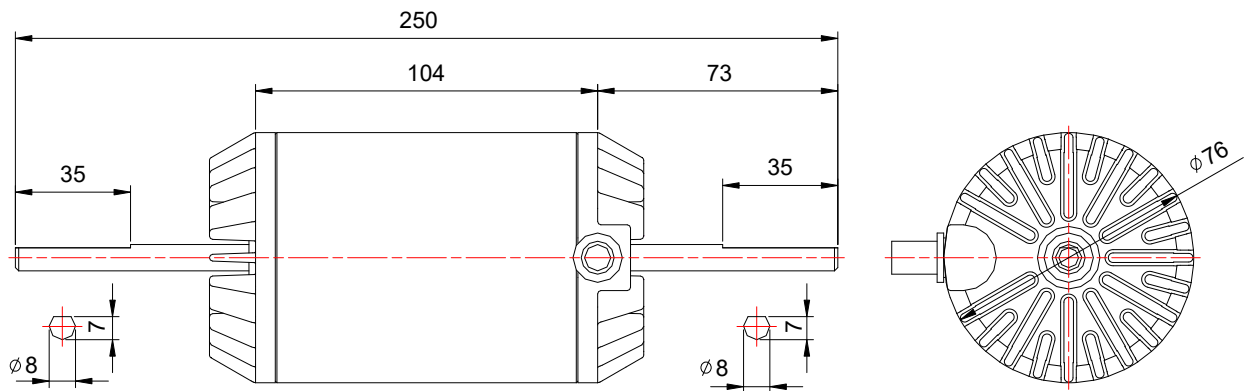
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Model	Voltage (Vdc)	Current (A)	Torque oz-in (n-m)	Speed (RPM)	Note
D3570B024-002	24	11.5	63 (0.45)	4050	#001
D3570B024-003	24	10.5	58 (0.42)	3900	#002
D3570B024-019	24	9.8	54 (0.39)	3570	#003
D3570B024-020	24	9.0	47 (0.34)	3500	#004
D3570B024-021	24	7.5	42 (0.30)	3000	#005
D3570B012-022	12	11.5	35 (0.25)	3000	#006

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Brushless DC MOTOR

(for Ø80 dual blower)

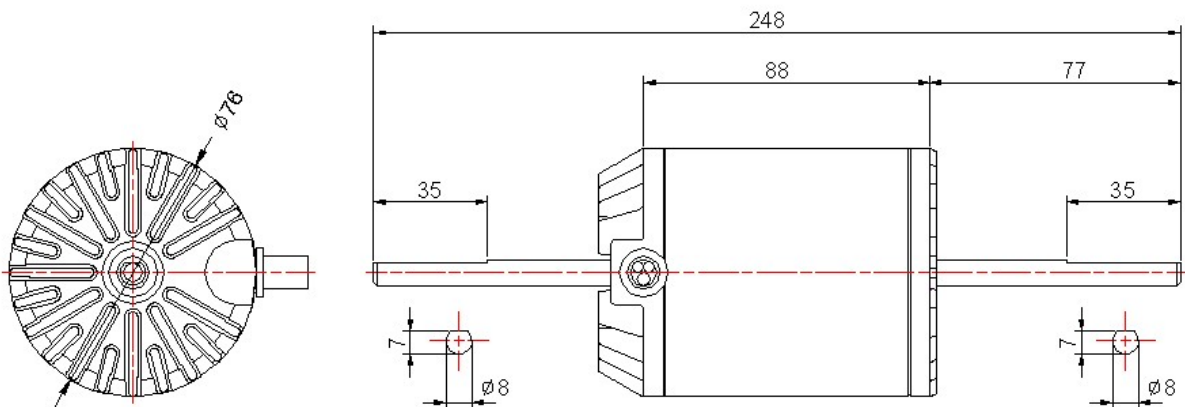
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Model	Voltage (Vdc)	Current (A)	Torque oz-in (n-m)	Speed (RPM)	Note
D3570B024-023	24	6.5	0.23	3750	#001
D3570B012-024	12	11.2	0.19	3450	#002

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