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卡固電設

KAKU Electric Equipment

— 綠能全經金屬風機的創始者 —

 RoHS CE IP68

 KAKU.

DC 軸流風機系列



卡固品質，值得信賴！
為滿足客戶日益求精的要求以及對卡固品牌
的期望，通過深究不斷技術創新和攻堅克難
，卡固全系列DC風機已經上證國際，並且取得
了UL、ROHS、IP、REACH等相關國際認證。

Our quality is among the best!
Listening to customers' needs and thanks
innovative technologies, we have
developed full range of DC cooling fans
which can meet massive production and
reach UL, ROHS, IP, REACH etc certifications.

研發團隊
歷年來，公司不斷加大研發投入，確保產
品品質和工藝始終給於行業的領先。對品質
不斷完善，是卡固研發團隊永遠的追求。DC
全系列風機的推出，意味著一切皆有奇蹟！

Passionately involved in R&D
Our incessant efforts in R&D in recent
years make sure our products of highest
quality and reliability always one step
ahead the cooling fan industry. After all,
it is our passion to
constantly improve what we
invest what we have in doing so, we
are heavily in R&D facilities,
Best of all, though the new range of DC
cooling fans hit the market, which means
everything is possible.

創新的設計理念，嚴密的產品生產
及檢測工藝，最大程度保證了產品的
穩定性；並且使得我們比競爭對手更
加能夠為客戶提供了智能化的電氣、
電子元件的散熱解決方案。





打造更安全、更環保、更節能的散熱空間！
軸流風機行業“交流化”向“直流化”發展趨勢，意味着更加安全、有效、節能環保。

More and more customers using DC cooling fans to replace AC cooling fans to make sure
security of the control unit. Environmental protection is another priority with KAKU. This is
why we have developed our product line in DC technology, which makes for very low power
consumption, and why we take pride in our manufacturing philosophy.

更好的IP防護等級
新推出的DC全系列風機IP等級最高可提升IP68，滿足不同領域客戶的使用要求，提供安全有效的防護。

Protection Class
Higher protection class for DC FANS can conform to the requirements of Protection Class IP68
at most , thus providing additional safety.

警報、轉速控制，訊號反饋功能的追加成為可能
為確保更加安全有效，可監測、可巡迴的散熱系統，滿足不同客戶的需求，可追加警報、轉速控制等附加功能。

Alarms, speed control and signal reflection can be optional.
With a wide range of DC fans, we can meet the customer's need for alarm, speed control and
signal reflection, which make possible to monitoring the varying signals of the cooling fans to
ensure the safety of cooling unit.

全球唯一鎂合金扇葉材質
全系列DC風機均採用全球唯一鎂合金扇葉材質，最大程度上，降低轉子和軸承之熱脹，保證了風機的使用壽命。

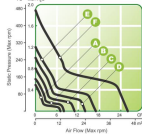
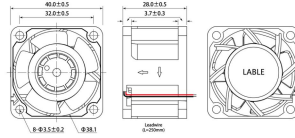
The impeller of full range of DC cooling fans using magnesium alloy materials, which can
reduce the surface temperature of the bearing and rotors to make sure highly life
expectancy.

1

DC-4028 series

(40 x 40 x 28 mm)
1.57 x 1.57 x 1.10 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 24AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO-□TechFG-□PWM function



參數表 Specification

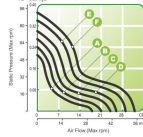
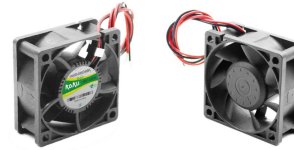
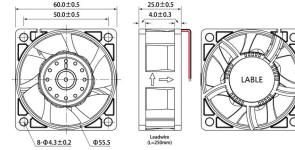
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (mmH ₂ O)	Noise Level (dBA)	Weight (g)
KA4028-5000D12BPL	12	0.06	0.6	5000	7	0.49	38	50
KA4028-6000D12BPL	12	0.07	0.72	6000	8	0.6	40	50
KA4028-8000D12BPL	12	0.11	1.2	8000	11	0.8	45	50
KA4028-10000D12BPL	12	0.16	1.8	10000	14	1	50	50
KA4028-12000D12BPL	12	0.25	2.76	12000	17	1.2	56	50
KA4028-5000D24BPL	24	0.06	1.2	5000	7	0.49	38	50
KA4028-6000D24BPL	24	0.07	1.44	6000	8	0.6	40	50
KA4028-8000D24BPL	24	0.09	1.92	8000	11	0.8	45	50
KA4028-10000D24BPL	24	0.13	2.64	10000	14	1	50	50
KA4028-19000D24BPL	24	0.50	10.8	19000	26	1.89	66	50

*所有電壓及轉速均可根據客戶需求定制。According to the needs of customers, special voltage and speed can be customized.

DC-6025 series

(60 x 60 x 25 mm)
2.36 x 2.36 x 0.98 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 24AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO-□TechFG-□PWM function



參數表 Specification

Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (mmH ₂ O)	Noise Level (dBA)	Weight (g)
KA6025-3500D12BPL	12	0.05	0.64	3500	16	0.21	44	70
KA6025-4000D12BPL	12	0.09	0.98	4000	21	0.24	46	70
KA6025-4500D12BPL	12	0.11	1.2	4500	24	0.27	48	70
KA6025-5000D12BPL	12	0.14	1.44	5000	26	0.3	50	70
KA6025-5500D12BPL	12	0.18	1.92	5500	29	0.34	52	70
KA6025-6000D12BPL	12	0.25	2.64	6000	32	0.37	54	70
KA6025-3500D24BPL	24	0.06	1.2	3500	16	0.21	44	70
KA6025-4000D24BPL	24	0.08	1.68	4000	21	0.24	46	70
KA6025-4500D24BPL	24	0.10	2.16	4500	24	0.27	48	70
KA6025-5000D24BPL	24	0.14	2.88	5000	26	0.3	50	70
KA6025-5500D24BPL	24	0.20	4.32	5500	29	0.34	52	70
KA6025-6000D24BPL	24	0.24	5.04	6000	32	0.37	54	70
KA6025-3500D48BPL	48	0.04	1.68	3500	16	0.21	44	70
KA6025-4000D48BPL	48	0.05	1.92	4000	21	0.24	46	70
KA6025-4500D48BPL	48	0.05	2.16	4500	24	0.27	48	70
KA6025-5000D48BPL	48	0.07	2.88	5000	26	0.3	50	70
KA6025-5500D48BPL	48	0.08	3.36	5500	29	0.34	52	70
KA6025-6000D48BPL	48	0.09	3.84	6000	32	0.37	54	70

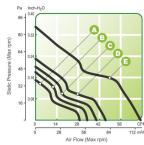
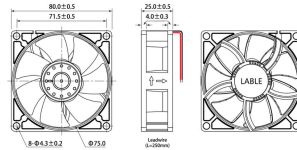
*所有電壓及轉速均可根據客戶需求定制。According to the needs of customers, special voltage and speed can be customized.

DC-8025 series

(80 x 80 x 25 mm)

3.15 x 3.15 x 0.98 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 24AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO-□TechVFC-□PWM function



參數表 Specification

Model	Rated Voltage	Current	Power	Speed	Air Flow	Max. Static Pressure	Noise Level	Weight
	V	A	W	rpm	CFM	mmH ₂ O	dBA	g
□ KA8025-2500D12BPL	12	0.07	0.72	2500	29	0.15	42	80
□ KA8025-3000D12BPL	12	0.09	0.96	3000	34	0.18	44	80
□ KA8025-3500D12BPL	12	0.13	1.32	3500	40	0.2	46	80
□ KA8025-4000D12BPL	12	0.18	1.92	4000	46	0.23	48	80
□ KA8025-6000D12BPL	12	0.55	6	6000	69	0.35	56	80
□ KA8025-2500D24BPL	24	0.07	1.44	2500	29	0.15	42	80
□ KA8025-3000D24BPL	24	0.09	1.92	3000	34	0.18	44	80
□ KA8025-3500D24BPL	24	0.13	2.64	3500	40	0.2	46	80
□ KA8025-4000D24BPL	24	0.18	3.84	4000	46	0.23	48	80
□ KA8025-6000D24BPL	24	0.31	6.72	6000	69	0.35	56	80
□ KA8025-2500D48BPL	48	0.03	0.96	2500	29	0.15	42	80
□ KA8025-3000D48BPL	48	0.04	1.44	3000	34	0.18	44	80
□ KA8025-3500D48BPL	48	0.06	2.4	3500	40	0.2	46	80
□ KA8025-4000D48BPL	48	0.08	3.36	4000	46	0.23	48	80
□ KA8025-6000D48BPL	48	0.16	6.72	6000	69	0.35	56	80

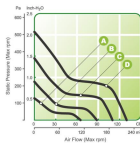
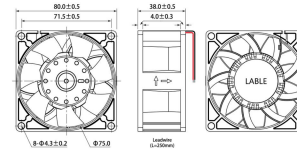
*所有電壓及轉速均不可超過客戶需求範圍。According to the needs of customers, special voltage and speed can be customized.

DC-8038 series

(80 x 80 x 38 mm)

3.15 x 3.15 x 1.50 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 24AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO-□TechVFC-□PWM function



參數表 Specification

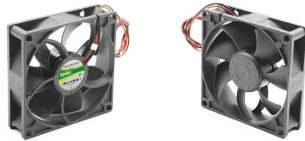
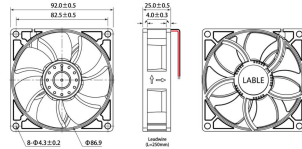
Model	Rated Voltage	Current	Power	Speed	Air Flow	Max. Static Pressure	Noise Level	Weight
	V	A	W	rpm	CFM	mmH ₂ O	dBA	g
□ KA8038-4500D12BPL	12	0.45	5.4	4500	65	0.51	49	170
□ KA8038-6000D12BPL	12	0.85	10.2	6000	88	0.9	57	170
□ KA8038-7500D12BPL	12	1.60	19.2	7500	110	1.45	63	170
□ KA8038-9000D12BPL	12	2.80	33.6	9000	130	2.07	67	170
□ KA8038-4500D24BPL	24	0.25	6	4500	65	0.51	49	170
□ KA8038-6000D24BPL	24	0.45	10.8	6000	88	0.9	57	170
□ KA8038-7500D24BPL	24	0.80	19.2	7500	110	1.45	63	170
□ KA8038-9000D24BPL	24	1.50	36	9000	130	2.07	67	170
□ KA8038-4500D48BPL	48	0.16	8.64	4500	65	0.51	49	170
□ KA8038-6000D48BPL	48	0.28	13.44	6000	88	0.9	57	170
□ KA8038-7500D48BPL	48	0.45	21.6	7500	110	1.45	63	170
□ KA8038-9000D48BPL	48	0.80	35.4	9000	130	2.07	67	170

*所有電壓及轉速均不可超過客戶需求範圍。According to the needs of customers, special voltage and speed can be customized.

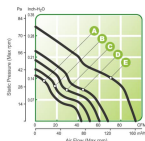
DC-9225 series

(92 x 92 x 25 mm)
3.62 x 3.62 x 0.99 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 24AWG, 25mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO□TachVFG□PWM function



參數表 Specification



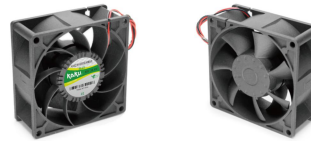
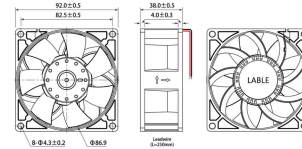
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (inH ₂ O)	Noise Level (dBA)	Weight (g)
KA8225-2500D12BPL	12	0.09	0.96	2500	43	0.15	44	100
KA8225-3000D12BPL	12	0.13	1.32	3000	51	0.17	46	100
KA8225-3500D12BPL	12	0.18	1.82	3500	60	0.2	48	100
KA8225-4000D12BPL	12	0.24	2.52	4000	68	0.23	50	100
KA8225-5500D12BPL	12	0.64	6.96	5500	94	0.31	58	100
KA8225-2500D48BPL	24	0.09	1.92	2500	43	0.15	44	100
KA8225-3000D48BPL	24	0.13	2.64	3000	51	0.17	46	100
KA8225-3500D48BPL	24	0.18	3.84	3500	60	0.2	48	100
KA8225-4000D48BPL	24	0.24	5.04	4000	68	0.23	50	100
KA8225-5500D48BPL	24	0.33	7.2	5500	94	0.31	58	100
KA8225-2500D48BPL	48	0.04	1.44	2500	43	0.15	44	100
KA8225-3000D48BPL	48	0.05	1.82	3000	51	0.17	46	100
KA8225-3500D48BPL	48	0.07	2.88	3500	60	0.2	48	100
KA8225-4000D48BPL	48	0.08	3.36	4000	68	0.23	50	100
KA8225-5500D48BPL	48	0.16	6.72	5500	94	0.31	58	100

*特種電壓及轉速僅供特殊客戶需求製。According to the needs of customers, special voltage and speed can be customized.

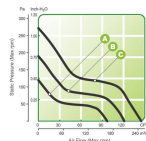
DC-9238 series

(92 x 92 x 38 mm)
3.62 x 3.62 x 1.50 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 24AWG, 25mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO□TachVFG□PWM function



參數表 Specification



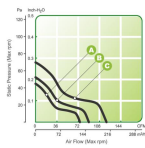
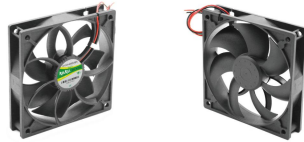
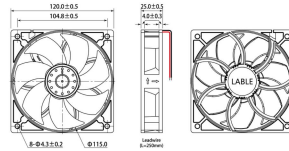
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (inH ₂ O)	Noise Level (dBA)	Weight (g)
KA8238-4000D12BPL	12	0.50	6	4000	97	0.48	46	180
KA8238-5000D12BPL	12	1.00	12	5000	121	0.76	56	180
KA8238-6000D12BPL	12	2.50	30	6000	145	1.09	63	180
KA8238-4000D48BPL	24	0.25	6	4000	97	0.48	46	180
KA8238-5000D48BPL	24	0.75	18	5000	121	0.76	56	180
KA8238-6000D48BPL	24	1.50	36	6000	145	1.09	63	180
KA8238-4000D48BPL	48	0.20	9.6	4000	97	0.48	48	180
KA8238-5000D48BPL	48	0.30	14.4	5000	121	0.76	56	180
KA8238-6000D48BPL	48	0.80	38.4	6000	145	1.09	63	180

*特種電壓及轉速僅供特殊客戶需求製。According to the needs of customers, special voltage and speed can be customized.

DC-1225P series

(120 x 120 x 25 mm)
4.72 x 4.72 x 0.98 inch

- Construction: F&T impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 10079 24AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO_□TechFG_□PWM function



參數表 Specification

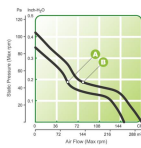
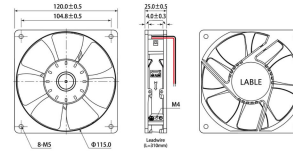
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (mmH ₂ O)	Noise Level (dBA)	Weight (g)
KA1225-2500D12BPL	12	0.24	2.64	2500	75	0.18	48	140
KA1225-3000D12BPL	12	0.31	3.36	3000	90	0.21	51	140
KA1225-4000D12BPL	12	0.33	3.6	4000	120	0.28	58	140
KA1225-2500D24BPL	24	0.11	2.4	2500	75	0.18	48	140
KA1225-3000D24BPL	24	0.15	3.36	3000	90	0.21	51	140
KA1225-4000D24BPL	24	0.20	4.32	4000	120	0.28	58	140
KA1225-2500D48BPL	48	0.08	3.36	2500	75	0.18	48	140
KA1225-3000D48BPL	48	0.09	3.84	3000	90	0.21	51	140
KA1225-4000D48BPL	48	0.24	10.56	4000	120	0.28	58	140

*所有電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized.

DC-1225M series

(120 x 120 x 25 mm)
4.72 x 4.72 x 0.98 inch

- Construction: light metal material impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 10079 22AWG, 310mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO_□TechFG_□PWM function



參數表 Specification

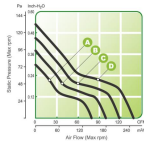
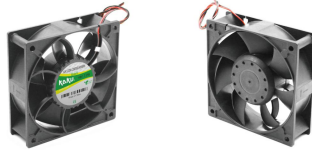
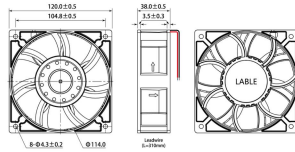
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (mmH ₂ O)	Noise Level (dBA)	Weight (g)
KA1225-5000D12BML	12	1.54	16.8	5000	150	0.35	64	220
KA1225-6000D12BML	12	2.31	25.2	6000	180	0.42	70	220
KA1225-5000D24BML	24	0.77	16.8	5000	150	0.35	64	220
KA1225-6000D24BML	24	1.43	31.2	6000	180	0.42	70	220
KA1225-5000D48BML	48	0.43	16.72	5000	150	0.35	64	220
KA1225-6000D48BML	48	0.86	28.8	6000	180	0.42	70	220

*所有電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized.

DC-1238P series

(120 x 120 x 38 mm)
4.72 x 4.72 x 1.50 inch

- Construction: F&T impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007W 22AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO_□TechFG_□PWM function



參數表 Specification

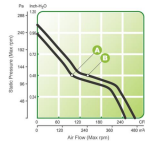
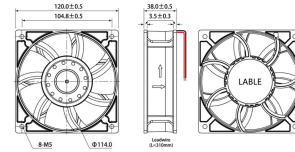
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1238-2000D12BPL	12	0.17	1.8	3000	79	0.3	47	280
KA1238-2500D12BPL	12	0.24	2.52	2500	99	0.38	53	280
KA1238-3000D12BPL	12	0.40	4.32	3000	118	0.45	59	280
KA1238-3500D12BPL	12	0.62	6.72	3500	138	0.53	64	280
KA1238-2000D24BPL	24	0.11	2.4	2000	79	0.3	47	280
KA1238-2500D24BPL	24	0.15	3.12	2500	99	0.38	53	280
KA1238-3000D24BPL	24	0.24	5.04	3000	118	0.45	59	280
KA1238-3500D24BPL	24	0.31	6.72	3500	138	0.53	64	280
KA1238-2000D48BPL	48	0.05	1.82	2000	79	0.3	47	280
KA1238-2500D48BPL	48	0.08	3.38	2500	99	0.38	53	280
KA1238-3000D48BPL	48	0.11	4.8	3000	118	0.45	59	280
KA1238-3500D48BPL	48	0.17	7.2	3500	138	0.53	64	280

*特殊電壓及轉速供有別於標準客戶需要定制 According to the needs of customers, special voltage and speed can be customized.

DC-1238M series

(120 x 120 x 38 mm)
4.72 x 4.72 x 1.50 inch

- Construction: light metal material impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007W 22AWG, 310mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO_□TechFG_□PWM function



參數表 Specification

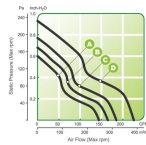
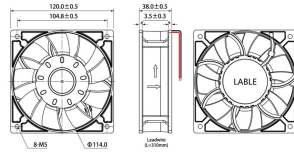
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1238-6300D12BML	12	3.70	44	6300	248	0.95	76	400
KA1238-7000D12BML	12	4.60	56	7000	275	1.05	78	400
KA1238-6300D24BML	24	1.80	44	6300	248	0.95	76	400
KA1238-7000D24BML	24	2.30	56	7000	275	1.05	78	400
KA1238-6300D48BML	48	0.90	44	6300	248	0.95	76	400
KA1238-7000D48BML	48	1.20	56	7000	275	1.05	78	400

*特殊電壓及轉速供有別於標準客戶需要定制 According to the needs of customers, special voltage and speed can be customized.

DC-12038M series

(120 x 120 x 38 mm)
4.72 x 4.72 x 1.50 inch

- Construction: Light metal material/impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 22AWG, 310mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO□TechVFC□PWM function



參數表 Specification

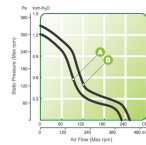
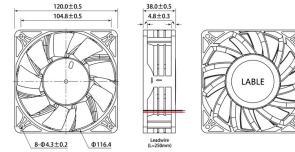
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (mmH ₂ O)	Noise Level (dBA)	Weight (g)
KA12038-3500D128MAL	12	0.98	10.68	3500	144	0.6	60	400
KA12038-4000D128MAL	12	1.60	17.4	4000	165	0.68	65	400
KA12038-4500D128MAL	12	2.75	30	4500	185	0.77	69	400
KA12038-5000D128MAL	12	4.50	54	5000	205	0.93	75	400
KA12038-3500D248MAL	24	0.48	10.32	3500	144	0.6	60	400
KA12038-4000D248MAL	24	0.61	13.2	4000	165	0.68	65	400
KA12038-4500D248MAL	24	1.10	24	4500	185	0.77	69	400
KA12038-5000D248MAL	24	2.30	54	5000	205	0.93	75	400
KA12038-3500D488MAL	48	0.31	13.44	3500	144	0.6	60	400
KA12038-4000D488MAL	48	0.44	19.2	4000	165	0.68	65	400
KA12038-4500D488MAL	48	0.66	29.8	4500	185	0.77	69	400
KA12038-5000D488MAL	48	1.10	54	5000	205	0.93	75	400

*特殊電壓及轉速均可根據客戶需求定制。According to the needs of customers, special voltage and speed can be customized.

DC-1238UX series

(120 x 120 x 38 mm)
4.72 x 4.72 x 1.50 inch

- Construction: P.B.T Impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1007# 22AWG, 250mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RO□TechVFC□PWM function



參數表 Specification

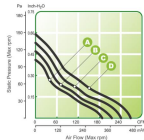
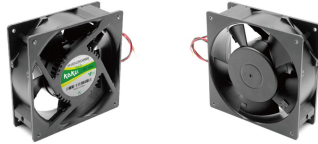
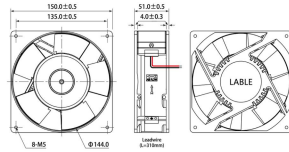
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (mmH ₂ O)	Noise Level (dBA)	Weight (g)
KA1238UX-5000D48PL	24	1.73	67.68	5000	229	1.01	72	380
KA1238UX-5500D48PL	48	1.32	67.6	5500	252	1.33	75	380

*特殊電壓及轉速均可根據客戶需求定制。According to the needs of customers, special voltage and speed can be customized.

DC-1525 series

(150 x 150 x 51 mm)
5.91 x 5.91 x 2.01 inch

Construction: light metal material impeller & frame
Bearing option: ball bearing
Connect: Lead wire, 1007# 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□Tach/FG□PWM function



參數表 Specification

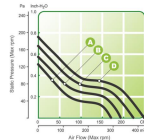
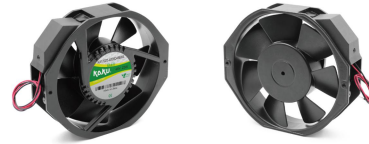
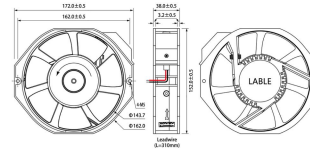
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure mmH ₂ O	Noise Level dBA	Weight g
KA1525-2800D128ML	12	0.83	10	2800	188	0.41	57	600
KA1525-3200D128ML	12	1.33	16	3200	215	0.47	60	600
KA1525-3600D128ML	12	1.83	22	3600	241	0.53	63	600
KA1525-4000D128ML	12	2.50	30	4000	268	0.59	66	600
KA1525-2800D48ML	24	0.42	10	2800	188	0.41	57	600
KA1525-3200D48ML	24	0.67	16	3200	215	0.47	60	600
KA1525-3600D48ML	24	0.92	22	3600	241	0.53	63	600
KA1525-4000D48ML	24	1.25	30	4000	268	0.59	66	600
KA1525-2800D48ML	48	0.21	10	2800	188	0.41	57	600
KA1525-3200D48ML	48	0.33	16	3200	215	0.47	60	600
KA1525-3600D48ML	48	0.46	22	3600	241	0.53	63	600
KA1525-4000D48ML	48	0.63	30	4000	268	0.59	66	600

*特殊電壓及轉速均可根據客戶需求定制。According to the needs of customers, special voltage and speed can be customized.

DC-17023 series

(172 x 152 x 38 mm)
6.77 x 5.98 x 1.50 inch

Construction: light metal material impeller & frame
Bearing option: ball bearing
Connect: Lead wire, 1007# 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□Tach/FG□PWM function



參數表 Specification

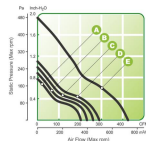
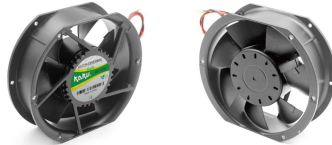
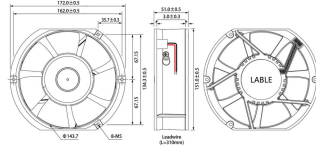
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure mmH ₂ O	Noise Level dBA	Weight g
KA17023-2800D128ML	12	0.64	8	2800	174	0.51	56	520
KA17023-3200D128ML	12	0.92	11	3200	199	0.59	58	520
KA17023-3600D128ML	12	1.32	16	3600	224	0.66	60	520
KA17023-4000D128ML	12	1.84	22	4000	249	0.73	62	520
KA17023-2800D48ML	24	0.32	8	2800	174	0.51	56	520
KA17023-3200D48ML	24	0.46	11	3200	199	0.59	58	520
KA17023-3600D48ML	24	0.66	16	3600	224	0.66	60	520
KA17023-4000D48ML	24	0.92	22	4000	249	0.73	62	520
KA17023-2800D48ML	48	0.16	8	2800	174	0.51	56	520
KA17023-3200D48ML	48	0.23	11	3200	199	0.59	58	520
KA17023-3600D48ML	48	0.33	16	3600	224	0.66	60	520
KA17023-4000D48ML	48	0.46	22	4000	249	0.73	62	520

*特殊電壓及轉速均可根據客戶需求定制。According to the needs of customers, special voltage and speed can be customized.

DC-1725 series

(172 x 151 x 51 mm)
6.77 x 5.94 x 2.01 inch

Construction: Light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1007F 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: RO- Tach/FG- PWM function



參數表 Specification

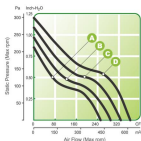
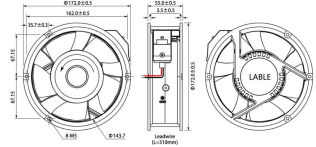
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1725-2800D128ML	12	0.16	9	2800	203	0.77	57	666
KA1725-3200D128ML	12	1.08	13	3200	232	0.88	60	666
KA1725-3600D128ML	12	1.40	17	3600	261	0.99	63	666
KA1725-4000D128ML	12	2.00	24	4000	290	1.10	66	666
KA1725-2800D248ML	24	0.38	9	2800	203	0.77	57	666
KA1725-3200D248ML	24	0.54	13	3200	232	0.88	60	666
KA1725-3600D248ML	24	0.70	17	3600	261	0.99	63	666
KA1725-4000D248ML	24	1.00	24	4000	290	1.10	66	666
KA1725-6300D248ML	24	3.80	91	6300	425	1.92	80	666
KA1725-2800D488ML	48	0.19	9	2800	203	0.77	57	666
KA1725-3200D488ML	48	0.27	13	3200	232	0.88	60	666
KA1725-3600D488ML	48	0.35	17	3600	261	0.99	63	666
KA1725-4000D488ML	48	0.50	24	4000	290	1.10	66	666
KA1725-6300D488ML	48	1.90	90	6300	425	1.92	80	666

*特殊電壓及轉速均可與客戶商量定製。According to the needs of customers, special voltage and speed can be customized.

DC-1725/s series

(Ø172 x 55 mm)
Ø6.77 x 2.17 inch

Construction: Light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1007F 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: RO- Tach/FG- PWM function



參數表 Specification

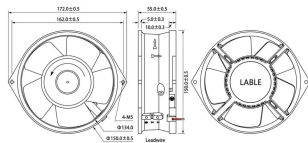
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1725S-2800D128ML	12	1.00	12	2800	252	0.85	60	820
KA1725S-3200D128ML	12	1.52	18	3200	288	0.97	63	820
KA1725S-3600D128ML	12	2.08	25	3600	324	1.09	66	820
KA1725S-4000D128ML	12	3.00	36	4000	360	1.21	69	820
KA1725S-2800D488ML	24	0.50	12	2800	252	0.85	60	820
KA1725S-3200D488ML	24	0.76	18	3200	288	0.97	63	820
KA1725S-3600D488ML	24	1.04	25	3600	324	1.09	66	820
KA1725S-4000D488ML	24	1.50	36	4000	360	1.21	69	820
KA1725S-2800D888ML	48	0.25	12	2800	252	0.85	60	820
KA1725S-3200D888ML	48	0.38	18	3200	288	0.97	63	820
KA1725S-3600D888ML	48	0.52	25	3600	324	1.09	66	820
KA1725S-4000D888ML	48	0.75	36	4000	360	1.21	69	820

*特殊電壓及轉速均可與客戶商量定製。According to the needs of customers, special voltage and speed can be customized.

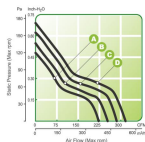
DC-1725/s B series

(172 x 150 x 55 mm)
6.77 x 5.90 x 2.17 inch

Construction: Light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1007# 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□Tach/FG□PWM function



參數表 Specification



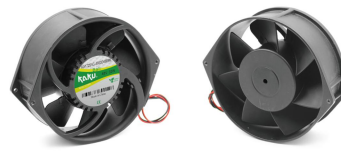
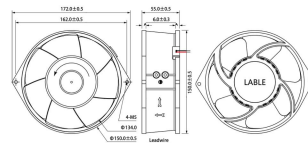
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1725-8B-2800D128ML	12	0.92	11	2800	222	0.48	60	655
KA1725-8B-3200D128ML	12	1.32	16	3200	254	0.55	63	655
KA1725-8B-3600D128ML	12	1.92	23	3600	298	0.62	66	655
KA1725-8B-4000D128ML	12	2.64	32	4000	317	0.69	69	655
KA1725-8B-2800D48ML	24	0.46	11	2800	222	0.48	60	655
KA1725-8B-3200D48ML	24	0.66	16	3200	254	0.55	63	655
KA1725-8B-3600D48ML	24	0.96	23	3600	298	0.62	66	655
KA1725-8B-4000D48ML	24	1.32	32	4000	317	0.69	69	655
KA1725-8B-2800D488ML	48	0.23	11	2800	222	0.48	60	655
KA1725-8B-3200D488ML	48	0.33	16	3200	254	0.55	63	655
KA1725-8B-3600D488ML	48	0.48	23	3600	298	0.62	66	655
KA1725-8B-4000D488ML	48	0.66	32	4000	317	0.69	69	655

*特殊電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized.

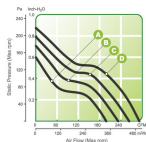
DC-1725/s C series

(172 x 150 x 55 mm)
6.77 x 5.90 x 2.17 inch

Construction: Light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1007# 22AWG/18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□Tach/FG□PWM function



參數表 Specification



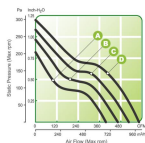
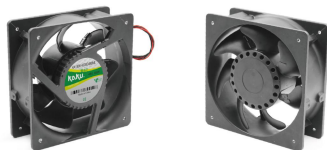
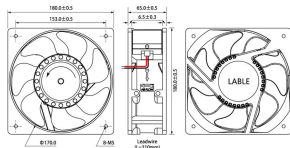
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1725-8C-2800D128ML	12	0.92	11	2800	203	0.49	59	666
KA1725-8C-3200D128ML	12	1.32	16	3200	232	0.58	61	666
KA1725-8C-3600D128ML	12	1.92	23	3600	261	0.77	64	666
KA1725-8C-4000D128ML	12	2.64	32	4000	290	0.86	67	666
KA1725-8C-2800D48ML	24	0.46	11	2800	203	0.50	58	666
KA1725-8C-3200D48ML	24	0.66	16	3200	232	0.68	61	666
KA1725-8C-3600D48ML	24	0.96	23	3600	261	0.77	64	666
KA1725-8C-4000D48ML	24	1.32	32	4000	290	0.86	67	666
KA1725-8C-2800D488ML	48	0.23	11	2800	203	0.60	58	666
KA1725-8C-3200D488ML	48	0.33	16	3200	232	0.68	61	666
KA1725-8C-3600D488ML	48	0.48	23	3600	261	0.77	64	666
KA1725-8C-4000D488ML	48	0.66	32	4000	290	0.86	67	666

*特殊電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized.

DC-1806 series

(180 x 180 x 65 mm)
7.09 x 7.09 x 2.56 inch

Construction: Light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1332# 18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□TachPG□PWM function



參數表 Specification

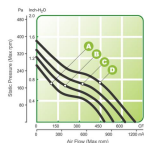
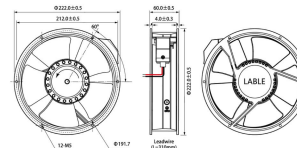
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA1806-2800D248ML	24	1.30	31	2800	399	0.83	61	1380
KA1806-3200D248ML	24	1.90	45	3200	458	0.94	65	1380
KA1806-3600D248ML	24	2.60	63	3600	515	1.06	69	1380
KA1806-4000D248ML	24	3.50	84	4000	572	1.18	73	1380
KA1806-2800D488ML	48	0.65	31	2800	399	0.83	61	1380
KA1806-3200D488ML	48	0.95	45	3200	458	0.94	65	1380
KA1806-3600D488ML	48	1.30	63	3600	515	1.06	69	1380
KA1806-4000D488ML	48	1.95	94	4000	572	1.18	73	1380

*特殊電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized.

DC-2206 series

(Φ 222 x 60 mm)
Φ 8.74 x 2.36 inch

Construction: Light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1332# 18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□TachPG□PWM function



參數表 Specification

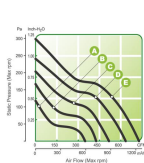
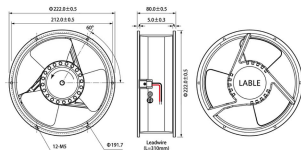
Model	Rated Voltage V	Current A	Power W	Speed RPM	Air Flow CFM	Max. Static Pressure Pa	Noise Level dBA	Weight g
KA2206-2800D248ML	24	0.96	23	2800	451	1.06	65	1200
KA2206-3200D248ML	24	1.40	33	3200	550	1.21	66	1200
KA2206-3600D248ML	24	1.80	45	3600	618	1.36	69	1200
KA2206-4000D248ML	24	2.60	62	4000	687	1.51	72	1200
KA2206-2800D488ML	48	0.48	23	2800	451	1.06	65	1200
KA2206-3200D488ML	48	0.70	33	3200	550	1.21	66	1200
KA2206-3600D488ML	48	0.90	45	3600	618	1.36	69	1200
KA2206-4000D488ML	48	1.30	62	4000	687	1.51	72	1200

*特殊電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized.

DC-2208 series

($\Phi 222 \times 80$ mm)
9.174 x 3.15 inch

Construction: light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1332# 18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□TachPG□PWM function



參數表 Specification

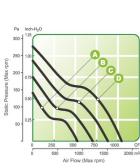
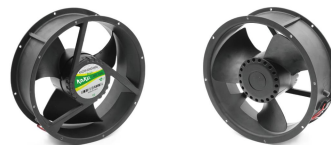
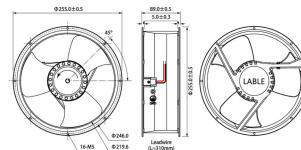
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (L/min)	Max. Static Pressure (Pa)	Max. Noise Level (dB(A))	Weight (g)
KA2208-1500D24BML	24	0.42	10	1500	312	0.48	55	1290
KA2208-2000D24BML	24	0.70	17	2000	417	0.65	61	1290
KA2208-2500D24BML	24	1.30	31	2500	521	0.81	67	1290
KA2208-3000D24BML	24	2.40	56	3000	625	0.97	73	1290
KA2208-3500D24BML	24	3.60	85	3500	729	1.13	79	1290
KA2208-1500D48BML	48	0.21	10	1500	312	0.48	55	1290
KA2208-2000D48BML	48	0.35	17	2000	417	0.65	61	1290
KA2208-2500D48BML	48	0.65	31	2500	521	0.81	67	1290
KA2208-3000D48BML	48	1.20	56	3000	625	0.97	73	1290
KA2208-3500D48BML	48	1.80	85	3500	729	1.13	79	1290

*所有電壓及轉速均可根據客戶需求定制。According to the needs of customers, operate voltage and speed can be customized.

DC-2509 series

($\Phi 255 \times 89$ mm)
 $\Phi 10.04 \times 3.50$ inch

Construction: light metal material impeller & frame
Bearing option: ball bearing
Connection: Lead wire, 1332# 18AWG, 310mm
Frame: flanged
Protection: EP
Options: Designed with optional features
□RO□TachPG□PWM function



參數表 Specification

Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (L/min)	Max. Static Pressure (Pa)	Max. Noise Level (dB(A))	Weight (g)
KA2509-1500D24BML	24	0.70	17	1500	514	0.54	54	1600
KA2509-2000D24BML	24	1.30	32	2000	685	0.73	60	1600
KA2509-2500D24BML	24	2.70	66	2500	857	0.91	66	1600
KA2509-3000D24BML	24	4.80	115	3000	1028	1.09	72	1600
KA2509-1500D48BML	48	0.35	17	1500	514	0.54	54	1600
KA2509-2000D48BML	48	0.65	32	2000	685	0.73	60	1600
KA2509-2500D48BML	48	1.35	66	2500	857	0.91	66	1600
KA2509-3000D48BML	48	2.40	115	3000	1028	1.09	72	1600

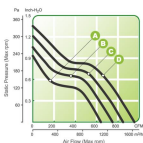
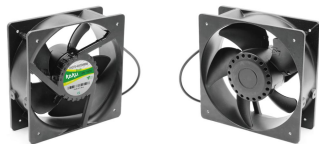
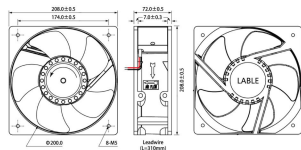
*所有電壓及轉速均可根據客戶需求定制。According to the needs of customers, operate voltage and speed can be customized.

DC-2072 series

(208 x 208 x 72 mm)

8.19 x 8.19 x 2.83 inch

- Construction: Light metal material impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1332# 18AWG, 310mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
RO-TECH/PG-PWM function



參數表 Specification

Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (rpm)	Air Flow (CFM)	Max. Static Pressure (mmHg)	Noise Level (dBA)	Weight (g)
KA2072-2800D48BL	24	1.90	46	2800	641	0.93	68	1500
KA2072-3200D48BL	24	2.80	68	3200	732	1.07	72	1500
KA2072-3600D48BL	24	4.30	103	3600	824	1.20	76	1500
KA2072-4000D48BL	24	6.20	150	4000	916	1.33	80	1500
KA2072-2800D48BL	48	0.95	46	2800	641	0.93	68	1500
KA2072-3200D48BL	48	1.40	68	3200	732	1.07	72	1500
KA2072-3600D48BL	48	2.15	103	3600	824	1.20	76	1500
KA2072-4000D48BL	48	3.10	150	4000	916	1.33	80	1500

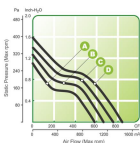
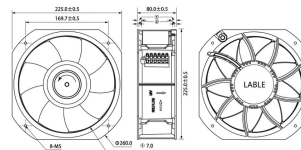
*特殊電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized!

DC-2258 series

(225 x 225 x 80 mm)

8.86 x 8.86 x 3.15 inch

- Construction: Light metal material impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1332# 18AWG, 310mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
RO-TECH/PG-PWM function



參數表 Specification

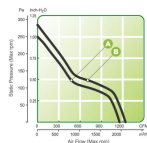
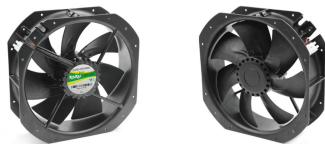
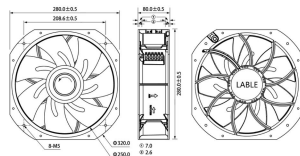
Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (rpm)	Air Flow (CFM)	Max. Static Pressure (mmHg)	Noise Level (dBA)	Weight (g)
KA2258-2800D248ML	24	1.90	44	2800	598	1.10	65	1730
KA2258-3200D248ML	24	2.60	61	3200	670	1.26	68	1730
KA2258-3600D248ML	24	3.60	86	3600	754	1.42	71	1730
KA2258-4000D248ML	24	5.20	124	4000	838	1.58	74	1730
KA2258-2800D48ML	48	0.90	44	2800	598	1.10	65	1730
KA2258-3200D48ML	48	1.30	61	3200	670	1.26	68	1730
KA2258-3600D48ML	48	1.80	86	3600	754	1.42	71	1730
KA2258-4000D48ML	48	2.60	124	4000	838	1.58	74	1730

*特殊電壓及轉速均可根據客戶需求定制 According to the needs of customers, special voltage and speed can be customized!

DC-2880 series

(280 x 280 x 80 mm)
11.02 x 11.02 x 3.15 inch

- Construction: light metal material impeller & frame
- Bearing option: ball bearing
- Connection: Lead wire, 1332# 18AWG, 310mm
- Frame: flanged
- Protection: EP
- Options: Designed with optional features
□RDC □TechVFG □PWM function



參數表 Specification

Model	Rated Voltage (V)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Max. Static Pressure (inH ₂ O)	Noise Level (dBA)	Weight (g)
KA2880-2800D24BML	24	3.80	92	2800	1156	1.00	71	2050
KA2880-3200D24BML	24	6.20	150	3200	1239	1.14	77	2050
KA2880-2800D48BML	48	1.90	92	2800	1156	1.00	71	2050
KA2880-3200D48BML	48	3.10	150	3200	1239	1.14	77	2050

*特殊電壓及轉速可根據客戶需求訂製。According to the needs of customers, special voltage and speed can be customized.

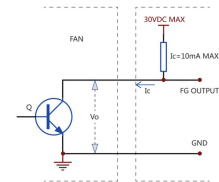
Description of Axial DC Fan Code 軸流DC風機型號說明



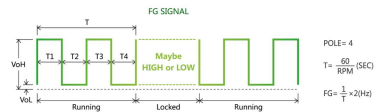
FG

適用於1725(含)以下規格

- Output type : Open collector type
- Electrical design suggestion: --



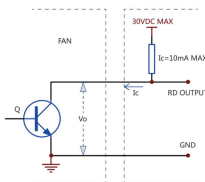
- Transistor Q at ON position
Saturation Voltage: $V_{OL} = 1.0VDC \text{ MAX}$
($I_C = 10mA \text{ MAX}$)
- Transistor Q at OFF position
Release Voltage: $V_{OH} = 30VDC \text{ MAX}$



RD

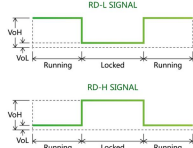
適用於1725(含)以下規格

1. Output type : Open collector type
2. Electrical design suggestion: I



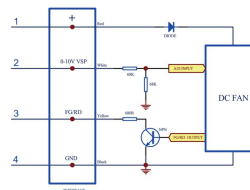
3. Transistor Q at ON position
Saturation Voltage: $V_{OL}=1.0VDC \text{ MAX}$
($I_C=10mA \text{ MAX}$)

4. Transistor Q at OFF position
Release Voltage: $V_{OH}=30VDC \text{ MAX}$



Control Scheme

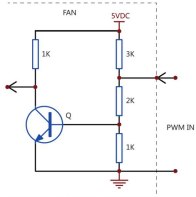
適用於1725(含)以上規格



PWM

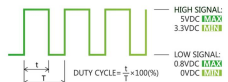
適用於1725(含)以下規格

PWM Control Lead Wire Input Impedance



1. The frequency for control signal of the fan shall be able to accept 10~25KHz
2. The preferred operating point for the fan is 25KHz

PWM CONTROL SIGNAL (signal voltage range: 5VDC)



3. At 100% duty cycle, the rotor will spin at MAXIMUM SPEED
4. At 0% duty cycle, the rotor will spin at STOP
5. With control signal lead disconnected, the fan will spin at MAXIMUM SPEED
6. At 25KHz 30% duty cycle, the fan will be able to start from A DEAD STOP

