



劃時代 的革新

AC Fans
軸流交流風機

PART-1.1



Specialists
in fan design &
Production

獨特的風機設計
與生產工藝

KAKU®

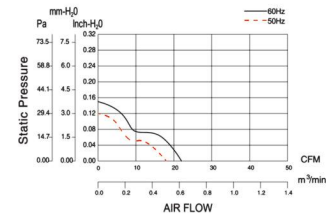
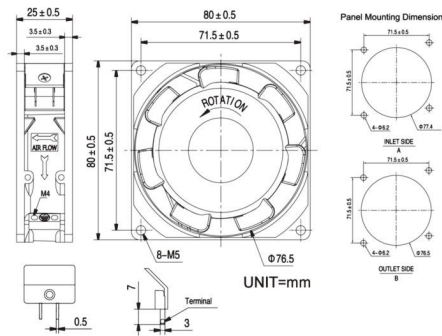


PART-1.1

AC FANS 交流軸流風機系列

KA8025/PC SERIES

80×80×25mm



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA8025HA1-2/PC	8025HA1BMT(L)	Ball	110/120	50/60	0.14/0.13	20/18	2700/3200	18/22	0.12/0.15	30/32	210
KA8025HA2-2/PC	8025HA2BMT(L)	Ball	220/240	50/60	0.10/0.08	20/18	2700/3200	18/22	0.12/0.15	30/32	210
KA8025HA1-2/PC	8025HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.14/0.13	20/18	2700/3200	18/22	0.12/0.15	30/32	210
KA8025HA2-2/PC	8025HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.10/0.08	20/18	2700/3200	18/22	0.12/0.15	30/32	210

KA8025/PC SERIES

01



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120×120×38mm L(低轉)& Dual-Voltage(雙電壓)

08



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型 式 模 型	Part No. Terminal Leadwire	軸封類別 Sealing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電 流 Current (A)	功 率 Input Power(W)	轉 速 Speed (rpm)	風 量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1238A1-2(P)55/Mg	1238A1BMT(L)	Ball	110/120	50/60	0.10/0.09	9/8	2300/2000	70/65	0.18/0.13	39/36	450
KA1238A2-2(P)55/Mg	1238A2SBMT(L)	Ball	220/240	50/60	0.05/0.05	9/8	2300/2000	70/65	0.18/0.13	39/36	450
KA1238A1-2(P)55/Mg	1238A1SBMT(L)	Ball	110/120	50/60	0.10/0.09	9/8	2300/2000	70/65	0.18/0.13	39/36	450
KA1238A1-2(P)55/Mg	1238A1ASMT(L)	Sleeve(Best)	110/120	50/60	0.10/0.09	9/8	2300/2000	70/65	0.18/0.13	39/36	450
KA1238A2-2(P)55/Mg	1238A2SMT(L)	Sleeve(Best)	220/240	50/60	0.05/0.05	9/8	2300/2000	70/65	0.18/0.13	39/36	450
KA1238A2-2(P)55/Mg	1238A2SSMT(L)	Sleeve(Best)	380/400	50/60	0.03/0.03	9/8	2300/2000	70/65	0.18/0.13	39/36	450



III	0.6
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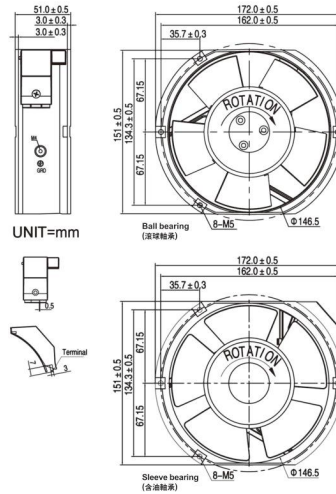
型 號 Model	Part No. Terminal Leadwire	輪軸類別 Bearing System	電 壓 Rated Voltage(V)	轉 速 RPM (Hz)	電 流 Current (A)	功 率 Input Power(W)	轉 速 Speed (rpm)	風 量 Air Flow (CFM)	靜 壓 Static Pressure (Inch-H ₂ O)	噪音值 Noise Level(dB-A)	重 量 Weight (g)
KA1238HA1/A2-2(IP55)/Mg	1238HA1BMIL	Ball	115	50/60	0.280/0.22	21/18	2700/3100	84/100	0.280/0.34	49/51	460
	1238HA2BMIL	Ball	230	50/60	0.130/0.11	21/18	2700/3100	84/100	0.280/0.34	49/51	460
	1238HA1SMIL	Sleeve(Best)	115	50/60	0.280/0.22	21/18	2700/3100	84/100	0.280/0.34	49/51	460
	1238HA2SMIL	Sleeve(Best)	230	50/60	0.130/0.11	21/18	2700/3100	84/100	0.280/0.34	49/51	460

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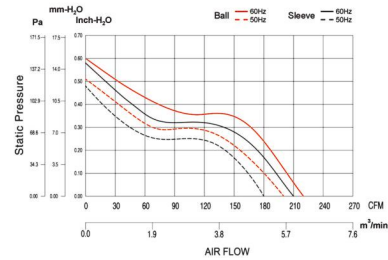
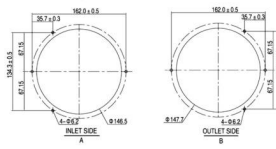
IP55 KA1725 SERIES

AC24V & E.M.C. (抗屏蔽)

172×150×51mm



Panel Mounting Dimension



KA1725 AC24V

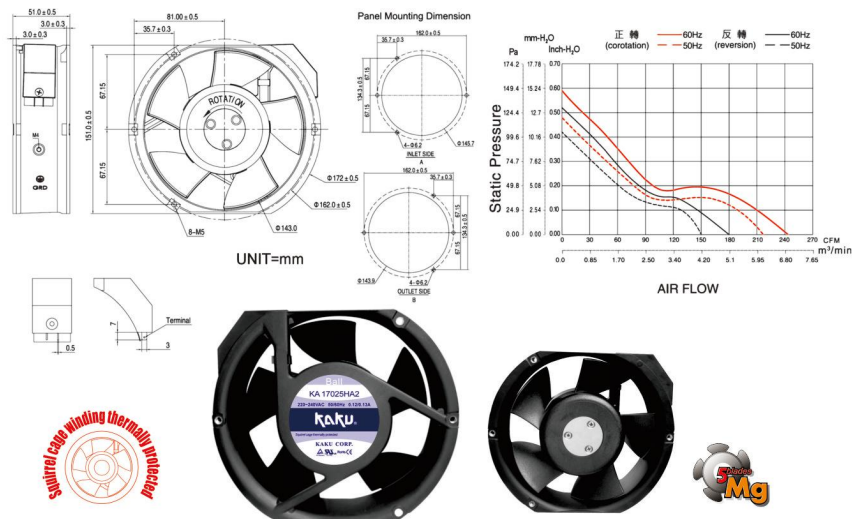
型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725HA24(IP55)/Mg	1725HA24BMT(L)	Ball	24	50/60	2.4/2.0	45/40	2800/3200	200/220	0.51/0.60	57/59	940
KA1725HA24(IP55)/Mg	1725HA24SMT(L)	Sleeve(Best)	24	50/60	2.1/1.8	33/31	2700/3100	180/210	0.48/0.58	56/58	850

KA1725 E.M.C. 抗屏蔽

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725HA1EMC(IP55)/Mg	1725HA1BMT(L)	Ball	110/120	50/60	0.65/0.55	45/40	2800/3200	200/220	0.51/0.60	57/59	940
KA1725HA2EMC(IP55)/Mg	1725HA2BMT(L)	Ball	220/240	50/60	0.35/0.28	45/40	2800/3200	200/220	0.51/0.60	57/59	940
KA1725HA3EMC(IP55)/Mg	1725HA3BMT(L)	Ball	380/400	50/60	0.20/0.27	45/40	2800/3200	200/220	0.51/0.60	57/59	940
KA1725HA1EMC(IP55)/Mg	1725HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.40/0.35	31/28	2700/3100	180/210	0.48/0.58	56/58	850
KA1725HA2EMC(IP55)/Mg	1725HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.20/0.17	30/28	2700/3100	180/210	0.48/0.58	56/58	850
KA1725HA3EMC(IP55)/Mg	1725HA3SMT(L)	Sleeve(Best)	380/400	50/60	0.13/0.11	32/29	2700/3100	180/210	0.48/0.58	56/58	850

172×150×51mm

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型號 Model	Port No Terminal Leadwire	轉接頭 Beating System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	流量 Air Flow (CFM)	靜壓 Static Pressure (inch H ₂ O)	噪音 Noise Level(dB)	重量 Weight (g)
KA17025HA(1)-2-Mg	17025HA(1)1BMT(L)	Ball	110/120	50/60	0.25/0.26	27/30	2800/3300	218/245 正轉 反轉 (corotation) (reversion)	0.48/0.59 (corotation) (reversion)	59/62	860
	17025HA(1)1BML(C)	Ball	110/120	50/60	0.25/0.26	27/30	2800/3300	218/245 正轉 反轉 (corotation) (reversion)	0.48/0.59 (corotation) (reversion)	59/62	860
	17025HA(1)1BML(A)	Ball	110/120	50/60	0.25/0.26	27/30	2800/3300	218/245	0.48/0.59	59/62	860
	17025HA(1)1ZBMT(L)	Ball	220/240	50/60	0.12/0.13	27/30	2800/3300	218/245 正轉 反轉 (corotation) (reversion)	0.48/0.59 (corotation) (reversion)	59/62	860
KA17025HA(1)-2-Mg	17025HA(1)1ZBML(C)	Ball	220/240	50/60	0.12/0.13	27/30	2800/3300	218/245 正轉 反轉 (corotation) (reversion)	0.48/0.59 (corotation) (reversion)	59/62	860
	17025HA(1)1ZBML(A)	Ball	220/240	50/60	0.12/0.13	27/30	2800/3300	218/245	0.48/0.59	59/62	860
KA17025HA(3)-2-Mg	17025HA(3)3BML	Ball	380/440	50/60	0.08/0.09	28/31	2800/3300	218/245	0.48/0.59	59/62	860
	17025HA(3)3BML(A)	Ball	380/440	50/60	0.08/0.09	28/31	2800/3300	218/245	0.48/0.59	59/62	860
	17025HA(3)3BML(C)	Ball	380/440	50/60	0.08/0.09	28/31	2800/3300	218/245	0.48/0.59	59/62	860

說明: 1. 表中 (1) 代表單相, (3) 代表三相

2. 表中 (C) 代表正反轉功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式 “0-1-2” 0-1正轉, 0-2反轉)

3. 表中 (A) 代表報警功能 (a. 報警功能採用無源觸點式 b. 此機型為端子式, 報警信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)

Note: 1. (1) represent single-phase, (3) represent triphase in the form

2. (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard

2. (A) represent the function of fan with warning signal output (a. This warning function select passing adherent point type; b. This fan is terminal type, warning signal output selecting yellow wire).

3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332# 24AWG, 200°C standard) in the form

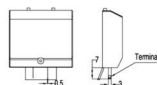
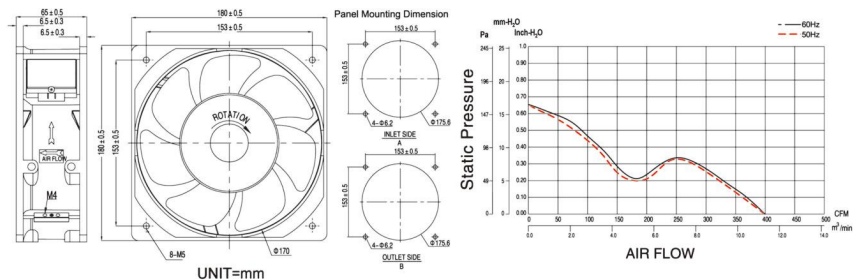
Mean and range of percent inhibition of OCL fusion, 2-7 WPI, 200–3 standard deviations from mean.

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KA I 806/Mg SERIES

180×180×65mm



型 號	Part No. Terminals Binding Leadwire	類別及 用途	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Power(W)	轉速 Air Flow (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (in-H ₂ O)	噪音 Weight(g)	重量 Weight(g)
KA1806HA-1-2Mg	1806HA1BMT(L)	Ball	110/120	50/60	1.21/1.05	71/70	2600/2600	380/380	0.65/0.65	60/60	1450
KA1806HA-2-2Mg	1806HA2BMT(L)	Ball	220/240	50/60	0.59/0.52	70/69	2600/2600	380/380	0.65/0.65	60/60	1450
KA1806HA-3-2Mg	1806HA3BMT(L)	Ball	380/400	50/60	0.36/0.31	71/70	2600/2600	380/380	0.65/0.65	60/60	1450

AC FANS 交流軸流風機系列

PART-1.1

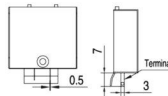
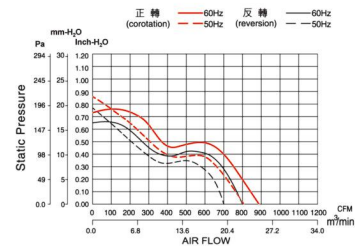
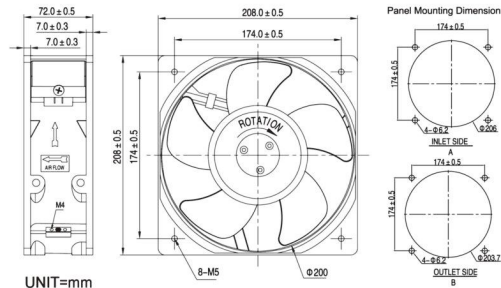
kaku®

KA2072/PC SERIES

208×208×72mm

KA2072/PC SERIES

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型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dBA)	重量 Weight (g)
KA2072HA(1)1-2/PC	2072HA(1)1BMT(L)	Ball	110/120	50/60	0.65/0.85	68/97	2900/3300	808/888	0.86/0.73	69/72	2110
	2072HA(1)1BML(C)	Ball	110/120	50/60	0.65/0.85	68/97	2900/3300	808/888 700/800 正轉 (rotation) 反轉 (reversion)	0.86/0.73 0.77/0.65 正轉 (rotation) 反轉 (reversion)	69/72	2110
KA2072HA(1)2-2/PC	2072HA(1)2BMT(L)	Ball	220/240	50/60	0.34/0.43	68/97	2900/3300	808/888	0.86/0.73	69/72	2110
	2072HA(1)2BML(C)	Ball	220/240	50/60	0.34/0.43	68/97	2900/3300	808/888 700/800 正轉 (rotation) 反轉 (reversion)	0.86/0.73 0.77/0.65 正轉 (rotation) 反轉 (reversion)	69/72	2110
KA2072HA(3)3-2/PC	2072HA(3)3BMT(A)	Ball	220/240	50/60	0.34/0.43	68/97	2900/3300	808/888	0.86/0.73	69/72	2110
	2072HA(3)3BML(A)	Ball	380/400	50/60	0.13/0.13	68/97	2900/3300	808/888	0.86/0.73	69/72	2110

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反转功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為二線式: "01" "02" "01" 正轉, "02" 反轉)
3. 表中 (A) 代表靜音功能 (a 指靜音功能採用寬身扇貼式 b 此機型為端子式, 靜音信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)

Note: 1. (1) represent single-phase, (3) represent triphase in the form.

2. (C) represent the function of corotation and rollback. (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard [01] [02] "01" = [1] corotation [02] = [2] reversion) in the form.

3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

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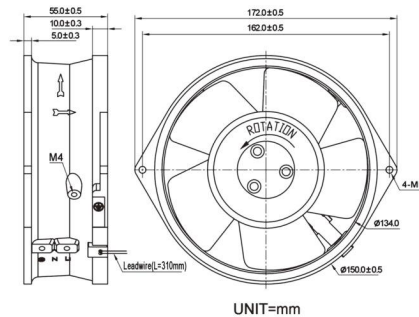


PART-1.1

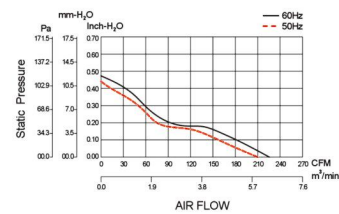
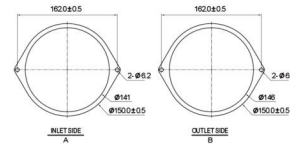
AC FANS 交流軸流風機系列

KAI725/5[B] H.T.R. SERIES

H.T.R. (耐高溫) 72×150×55mm



Panel Mounting Dimension



KAI725/5[B] H.T.R. SERIES
H.T.R. (耐高溫)

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專為100°C環境溫度下設計 Special design for environmental of 100°C

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725/5[B]HA1 H.T.R.100(IP55)/Mg	1725/5[B]HA1BML	Ball	110/120	50/60	0.48/0.44	45/42	2600/2900	210/230	0.45/0.47	58/60	980
KA1725/5[B]HA2 H.T.R.100(IP55)/Mg	1725/5[B]HA2BML	Ball	220/240	50/60	0.28/0.25	45/42	2600/2900	210/230	0.45/0.47	58/60	980
KA1725/5[B]HA3 H.T.R.100(IP55)/Mg	1725/5[B]HA3BML	Ball	380/400	50/60	0.20/0.18	46/43	2600/2900	210/230	0.45/0.47	58/60	980

H.T.R.100°C (SCS Approval) (F Class Enamelled Wire Inside)
Test Report No.:SHRL89027-2/2008

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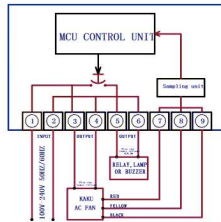


TC-002



Fan Decoder
TC-002

50

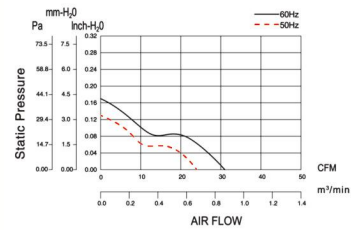


- 有效監控風機的運行狀態
Effectively monitor the running state of fan
- 當轉速低於設定值時，第一時間發出警報
Alarm at the first time when the fan speed lower than the set volume
- 減少柜內維護之人工
Reduce the maintenance of the cabinet
- 防止因風機故障導致櫃內溫升過高造成其它元器件的故障
Prevent the excessively high temperature and the components failure due to the malfunction of the fan.

KAKU fan decoder undergoes more than one year independent research, which can monitor the frequency of the fan. Thus, it can get the speed signal and give the feedback if the fan speed under the minimum volume. Through the audible or visual alarm given by the signal of the fan decoder, can make sure a safety panel environment and avoid the loss of the components and parts.

型 號	Model	TC-002
電 壓	Rated Voltage(V)	90~264VAC 50/60Hz
輸 出 Output	警 報 Alarm	220VAC, 0.5A (Max.) 24VDC, 1A (Max.)
工作溫度範圍	Operating Temperature Range	-10℃~65℃
警報轉速設定	Temperature Setting Value	1800 RPM (可依客戶定製)
精度誤差範圍	Precision Range	± 20 RPM
接線方式	Mode Of Connection	接線式端子 (採用線徑0.2~0.5mm ²) Cable type of terminal (adopt wire diameter 0.2~0.5mm ²)
顏 色	Color	RAL9005
防護等級	IP Grade	IP20
儲存溫度	Storage Temperature	-30℃~85℃
可開關次數	Life-span	> 100000 Times
安裝方式	Install	依據EN60715固定爪卡在35mm導軌上或M5螺栓柜式連接 Mounting on the 35mm Din rail according to EN60715 or mounting with M5 bolt directly
認 証	Certification	RoHS; UL; CE & CCC are being applied (認證中)
重 量	Weight	60g

80 × 80 × 38mm



02

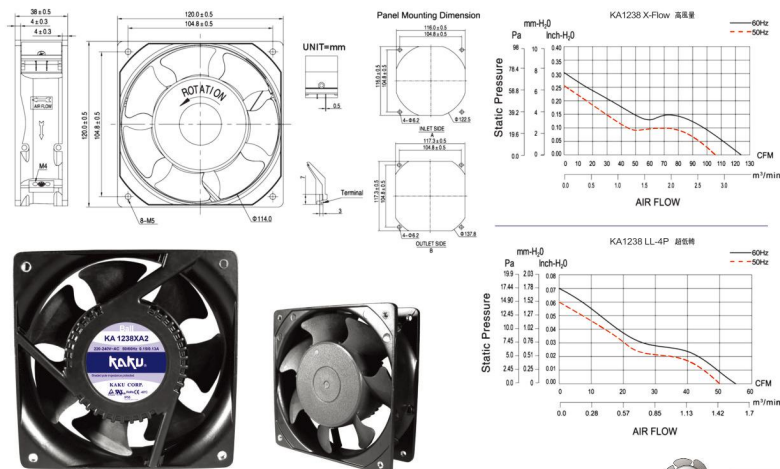


型 號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻 率 Freq (Hz)	電 流 Current (A)	功 率 Input Power(W)	轉 速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (in.H ₂ O)	噪音值 Noise Level(dBA)	重量 Weight (g)
KA8038HA1-2/PC	8038HA1BMT(L)	Ball	110/120	50/60	0.14/0.13	15/13	2300/2800	24/31	0.13/0.17	30/32	280
KA8038HA2-2/PC	8038HA2BMT(L)	Ball	220/240	50/60	0.07/0.06	15/12	2300/2800	24/31	0.13/0.17	30/32	280
KA8038HA1-2/PC	8038HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.14/0.13	15/13	2300/2800	24/31	0.13/0.17	30/32	260
KA8038HA2-2/PC	8038HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.07/0.06	15/12	2300/2800	24/31	0.13/0.17	30/32	260

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IP55 KAI 238 SERIES

X-Flow (高風量) & LL-4P (超低轉) **120 × 120 × 38mm**



外形與KA1238LL系列相同



KA1238 X-Flow 高風量

型 號	Part No. Terminal Leadwire	線型類別 Binding System	電壓 Rated Voltage(V)	頻 率 Freq (Hz)	電 流 Current (A)	功 率 Input Power(W)	轉 速 Speed (rpm)	風 量 Flow CFM	靜 壓 Static Pressure (in-H ₂ O)	噪音值 Noise Level(dB(A))	重量 Weight (g)
KA1238XA1-2I(F5)PC	1238XA1BMT(L)	Ball	110/120	50/60	0.310/25	23/20	2500/2850	105/123	0.26/0.31	50/52	470
KA1238XA2-2I(F5)PC	1238XA2BMT(L)	Ball	220/240	50/60	0.150/13	23/20	2500/2850	105/123	0.26/0.31	50/52	470
KA1238XA3-2I(F5)PC	1238XA3MT(L)	Ball	220/240	50/60	0.310/25	23/20	2500/2850	105/123	0.26/0.31	50/52	470
KA1238XA4-2I(F5)PC	1238XA4MT(L)	Sleeve(Best)	110/120	50/60	0.310/25	23/20	2500/2850	105/123	0.26/0.31	50/52	470
KA1238XA5-2I(F5)PC	1238XA5MT(L)	Sleeve(Best)	220/240	50/60	0.150/13	23/20	2500/2850	105/123	0.26/0.31	50/52	470
KA1238XA6-2I(F5)PC	1238XA6SMT(L)	Sleeve(Best)	380/400	50/60	0.090/08	23/20	2500/2850	105/123	0.26/0.31	50/52	470

KA1238 LL-4P 超低轉

型 號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電 壓 Rated Voltage(V)	頻 率 Freq Hz	電 流 Current (A)	功 率 Input Power(W)	轉 速 Speed (rpm)	風 量 Air Flow (CFM)	靜 壓 Static Pressure (in-H ₂ O)	噪音值 Noise Level(dB-A)	重 量 Weight (g)
KA1238LLA1-4(IP55)PC	1238LLA1BMT(L)	Ball	110/120	50/60	0.150/13	10/8	1300/1500	50/55	0.06/07	36/38	470
KA1238LLA2-4(IP55)PC	1238LLA2BMT(L)	Ball	220/240	50/60	0.090/07	10/8	1300/1500	50/55	0.06/07	36/38	470
KA1238LLA1-4(IP55)PC	1238LLA1SMT(L)	Sleeve(Best)	110/120	50/60	0.150/13	10/8	1300/1500	50/55	0.06/07	36/38	470
KA1238LLA2-4(IP55)PC	1238LLA2SMT(L)	Sleeve(Best)	220/240	50/60	0.090/07	10/8	1300/1500	50/55	0.06/07	36/38	470

AC FANS 交流軸流風機系列

PART-1.1

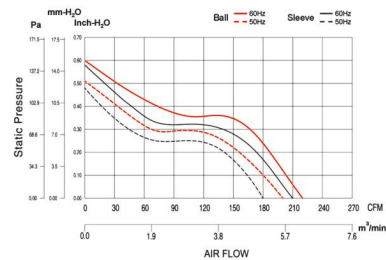
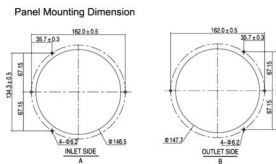
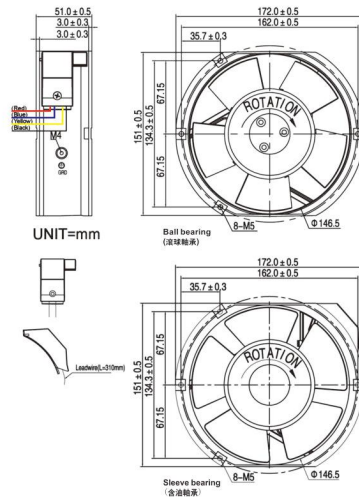
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IP55 KA1725 SERIES

172×150×51mm Dual-Voltage (雙電壓)

IP55 KA1725 SERIES
Dual-Voltage (雙電壓)

16



KA1725 Dual-Voltage 雙電壓

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725HA1/A2(IP55)/Mg	1725HA1BML	Ball	115	50/60	0.65/0.55	45/40	2800/3200	200/220	0.51/0.60	57/59	940
	1725HA2BML	Ball	230	50/60	0.35/0.28	45/40	2800/3200	200/220	0.51/0.60	57/59	940
	1725HA1SML	Sleeve(Best)	115	50/60	0.40/0.35	31/28	2700/3100	180/210	0.48/0.58	56/58	850
	1725HA2SML	Sleeve(Best)	230	50/60	0.20/0.17	30/28	2700/3100	180/210	0.48/0.58	56/58	850

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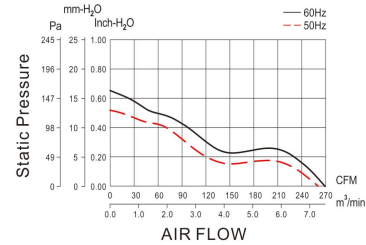
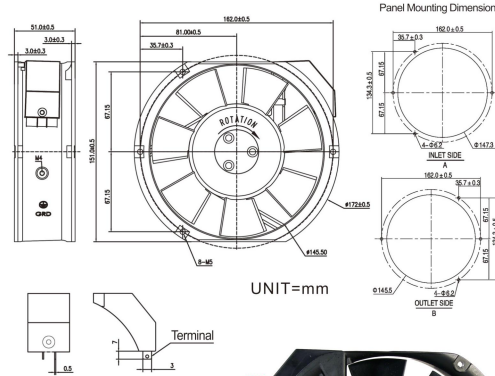


PART-1.1

AC FANS 交流軸流風機系列

KA17025/Mg SERIES

X-Flow (高風量) 172×150×51mm



KA17025/Mg SERIES
X-Flow(高風量)

23



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (Inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA17025XA(1)1-2/PC	17025XA(1)1BMT	Ball	110/120	50/60	0.40/0.46	60/65	2850/3300	254/268	0.52/0.65	62/65	860
	17025XA(1)1BMT(A)	Ball	110/120	50/60	0.40/0.46	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA17025XA(1)2-2/PC	17025XA(1)2BMT	Ball	220/240	50/60	0.26/0.28	60/65	2850/3300	254/268	0.52/0.65	62/65	860
	17025XA(1)2BMT(A)	Ball	220/240	50/60	0.26/0.28	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA17025XA(3)3-2/PC	17025XA(3)3BMT	Ball	380/400	50/60	0.13/0.16	60/65	2850/3300	254/268	0.52/0.65	62/65	860
	17025XA(3)3BMT(A)	Ball	380/400	50/60	0.13/0.16	60/65	2850/3300	254/268	0.52/0.65	62/65	860

說明: 1. 表中 (1) 代表單相

2. 表中 (A) 代表報警功能 (a. 報警功能採用無源觸點式 b. 此模型為端子式, 報警信號線長310mm, 採用符合UL1332R, 24AWG, 200°C之黃色線)

Note: 1. (1) represent single-phase

2. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332R, 24AWG, 200°C standard) in the form.



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AC FANS 交流軸流風機系列

PART-1.1

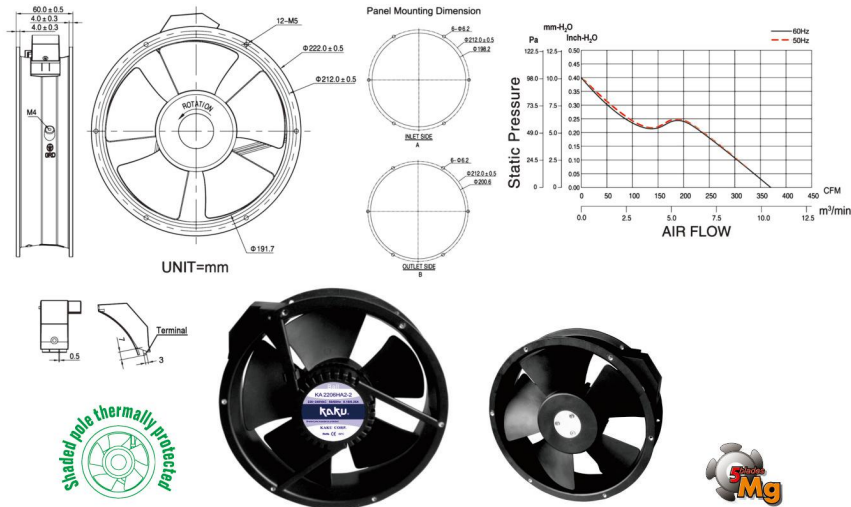
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KA2206/Mg SERIES

Ø222×60mm

KA2206/Mg SERIES

30



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dBA)	重量 Weight (g)
KA2206HA1-2/Mg	2206HA1BMT(L)	Ball	110/120	50/60	0.80/0.70	53/53	2500/2500	360/360	0.40/0.40	59/59	1310
	2206HA1BML(A)	Ball	110/120	50/60	0.80/0.70	53/53	2500/2500	360/360	0.40/0.40	59/59	1310
KA2206HA2-2/Mg	2206HA2BMT(L)	Ball	220/240	50/60	0.29/0.27	53/53	2500/2500	360/360	0.40/0.40	59/59	1310
	2206HA2BML(A)	Ball	220/240	50/60	0.29/0.27	53/53	2500/2500	360/360	0.40/0.40	59/59	1310
KA2206HA3-2/Mg	2206HA3BML	Ball	380/400	50/60	0.15/0.15	53/53	2500/2500	360/360	0.40/0.40	59/59	1310
	2206HA3BML(A)	Ball	380/400	50/60	0.15/0.15	53/53	2500/2500	360/360	0.40/0.40	59/59	1310

說明: 1. 表中 (A) 代表靜電功能 (a. 靜電功能採用無源觸點式 b. 此機型為端子式。靜電信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)

Note: 1. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

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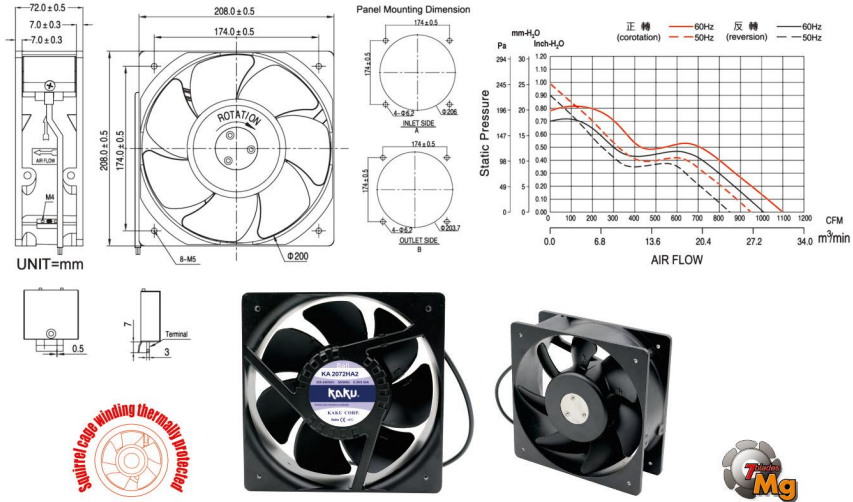


PART-1.1

AC FANS 交流軸流風機系列

KA2072/Mg SERIES

208×208×72mm



KA2072/Mg SERIES

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型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB A)	重量 Weight (g)
KA2072HA(1)1-2/Mg	2072HA(1)1BML	Ball	110/120	50/60	0.70/0.90	85/115	2900/3400	950/1100	0.99/0.78	71/74	2250
	2072HA(1)1BML(C)	Ball	110/120	50/60	0.70/0.90	85/115	2900/3400	950/1100 850/1010 正轉 反轉 (corotation) (reversion)	0.99/0.78 0.90/0.70 正轉 反轉 (corotation) (reversion)	71/74	2250
KA2072HA(1)2-2/Mg	2072HA(1)2BML	Ball	220/240	50/60	0.38/0.50	85/115	2900/3400	950/1100	0.99/0.78	71/74	2250
	2072HA(1)2BML(C)	Ball	220/240	50/60	0.38/0.50	85/115	2900/3400	950/1100 850/1010 正轉 反轉 (corotation) (reversion)	0.99/0.78 0.90/0.70 正轉 反轉 (corotation) (reversion)	71/74	2250
KA2072HA(3)3-2/Mg	2072HA(3)3BML	Ball	380/400	50/60	0.18/0.18	85/115	2900/3400	950/1100	0.99/0.78	71/74	2250
	2072HA(3)3BML(A)	Ball	380/400	50/60	0.18/0.18	85/115	2900/3400	950/1100	0.99/0.78	71/74	2250

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反轉功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式 "01-02" 01-正轉, 02-反轉)
3. 表中 (A) 代表靜音功能 (a 靜音功能採用無牙觸點式, b 此機型為端子式, 靜音信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase, (3) represent triphase in the form.
2. (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL1332#, 24AWG, 200°C standard
01-02" 01- corotation 02- reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire
with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.



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AC FANS 交流軸流風機系列

PART-1.1

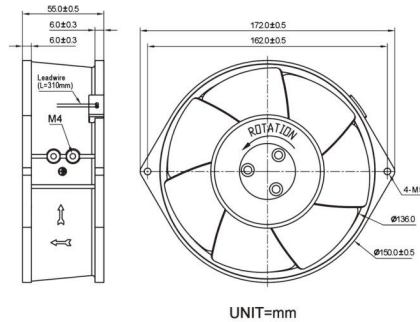
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KA1725/5 **H.T.R. SERIES**

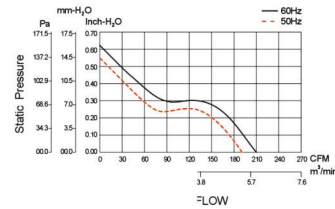
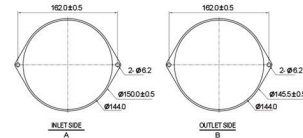
172×150×55mm **H.T.R. (耐高溫)**

KA1725/5 H.T.R. SERIES
H.T.R. (耐高溫)

44



Panel Mounting Dimension



new



IP55

專為100°C環境溫度下設計 Special design for environmental of 100°C

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dBA)	重量 Weight (g)
KA1725/5(HA1)H.T.R.100(IP55)/Mg	1725/5(HA1BML)	Ball	110/120	50/60	0.48/0.44	45/42	2600/2900	190/210	0.55/0.62	55/58	960
KA1725/5(HA2)H.T.R.100(IP55)/Mg	1725/5(HA2BML)	Ball	220/240	50/60	0.28/0.25	45/42	2600/2900	190/210	0.55/0.62	55/58	960
KA1725/5(HA3)H.T.R.100(IP55)/Mg	1725/5(HA3BML)	Ball	380/400	50/60	0.20/0.18	46/43	2600/2900	190/210	0.55/0.62	55/58	960

H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)
Test Report No.:SHRL89027-2/2008

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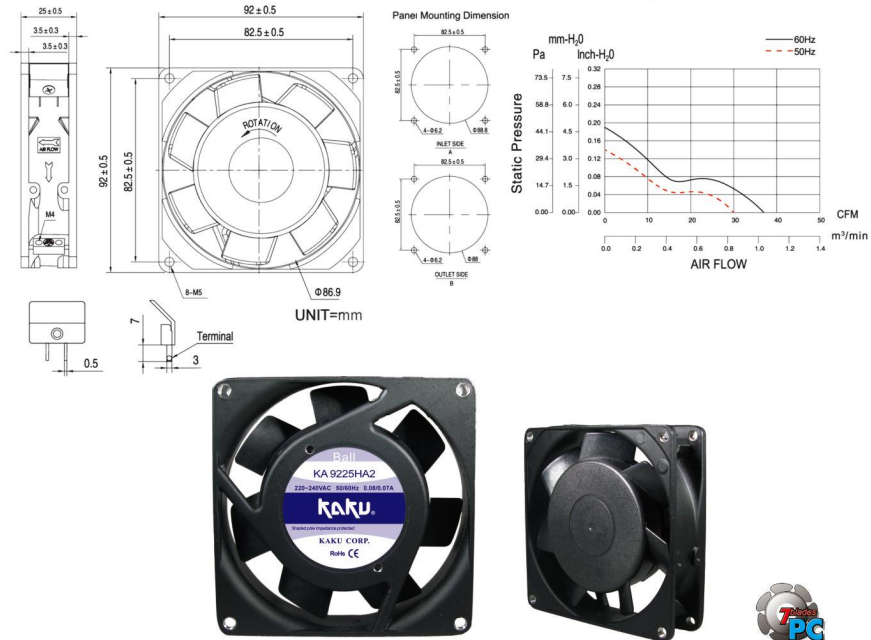


PART-1.1

AC FANS 交流軸流風機系列

KA9225/PC SERIES

92×92×25mm



KA9225/PC SERIES

03

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA9225HA1-2/PC	9225HA1BMT(L)	Ball	110/120	50/60	0.17/0.16	20/18	2650/3150	30/37	0.14/0.19	35/37	220
KA9225HA2-2/PC	9225HA2BMT(L)	Ball	220/240	50/60	0.10/0.09	20/18	2650/3150	30/37	0.14/0.19	35/37	220
KA9225HA1-2/PC	9225HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.17/0.16	20/18	2650/3150	30/37	0.14/0.19	35/37	220
KA9225HA2-2/PC	9225HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.10/0.09	20/18	2650/3150	30/37	0.14/0.19	35/37	220



AC FANS 交流軸流風機系列

PART-1.1

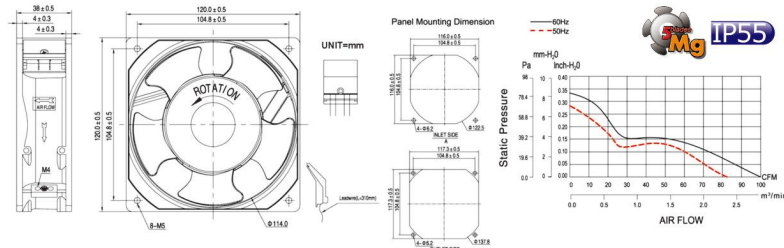
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IP55 KA1238 SERIES

120×120×38mm AC24V & E.M.C. (抗屏蔽)

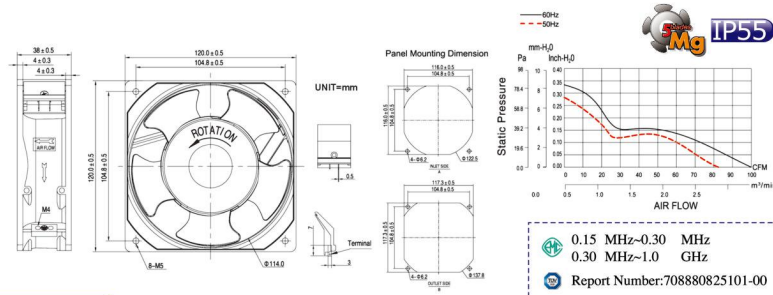
IP55 KA1238 SERIES
AC24V & E.M.C. (抗屏蔽)

10



KA1238 AC24V

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1238HA24-2(IP55)/Mg	1238HA24BMT(L)	Ball	24	50/60	1.05/0.85	15/13	2700/3100	84/100	0.28/0.34	45/51	460
KA1238HA24-2(IP55)/Mg	1238HA24SMT(L)	Sleeve(Best)	24	50/60	1.05/0.85	15/13	2700/3100	84/100	0.28/0.34	45/51	460



KA1238 E.M.C. 抗屏蔽

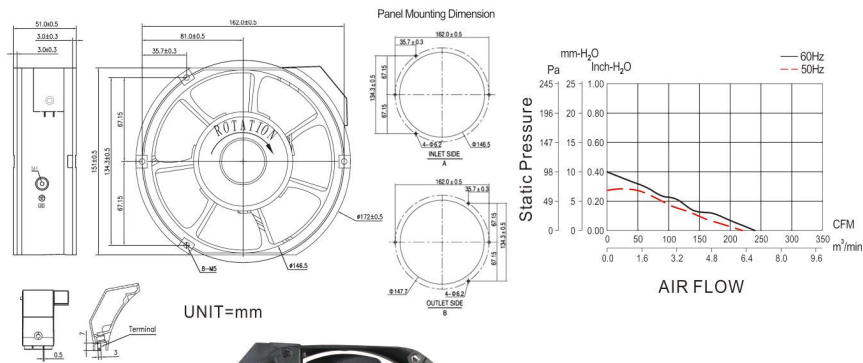
型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1238HA1(EMC)(IP55)/Mg	1238HA1BMT(L)	Ball	110/120	50/60	0.28/0.22	21/18	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA2(EMC)(IP55)/Mg	1238HA2BMT(L)	Ball	220/240	50/60	0.13/0.11	21/18	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA3(EMC)(IP55)/Mg	1238HA3BMT(L)	Ball	380/400	50/60	0.07/0.06	21/18	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA1(EMC)(IP55)/Mg	1238HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.28/0.22	21/18	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA2(EMC)(IP55)/Mg	1238HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.13/0.11	21/18	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA3(EMC)(IP55)/Mg	1238HA3SMT(L)	Sleeve(Best)	380/400	50/60	0.07/0.06	21/18	2700/3100	84/100	0.28/0.34	49/51	460

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KA1725 SERIES

X-Flow (高風量) 172×150×51mm



KA1725 X-Flow 高風量

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725XA1-2/PC	1725XA1BMT(L)	Ball	110/120	50/60	0.53/0.45	42/39	2750/3000	220/240	0.40/0.28	57/59	940
KA1725XA2-2/PC	1725XA2BMT(L)	Ball	220/240	50/60	0.28/0.24	42/39	2750/3000	220/240	0.40/0.28	57/59	940
KA1725XA3-2/PC	1725XA3BMT(L)	Ball	380/400	50/60	0.14/0.13	42/39	2750/3000	220/240	0.40/0.28	57/59	940

KA1725 SERIES
X-Flow(高風量)

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AC FANS 交流軸流風機系列

PART-1.1

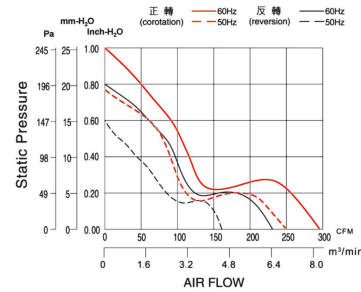
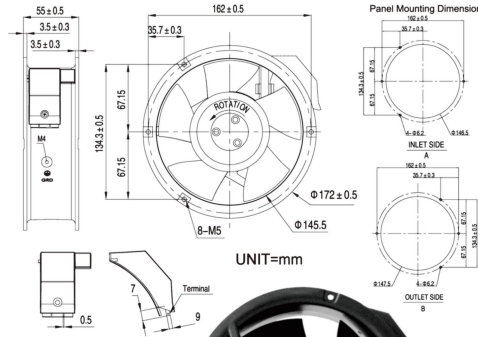
kaku

KA1725/5 IP55/Mg SERIES

Ø172×55mm

KA1725/5 IP55/Mg SERIES

24



IP55

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725/5HA(1)1-2(IP55)/Mg	1725/5HA(1)1BMT(L)	Ball	110/120	50/60	0.32/0.30	31/34	2800/3300	250/297	0.77/1.00	60/64	1000
	1725/5HA(1)1BML(C)	Ball	110/120	50/60	0.32/0.30	31/34	2800/3300	250/297 160/230 (corotation) (reversion)	0.77/1.00 0.60/0.80 (corotation) (reversion)	60/64	1000
KA1725/5HA(1)2(IP55)/Mg	1725/5HA(1)1BML(A)	Ball	110/120	50/60	0.32/0.30	31/34	2800/3300	250/297	0.77/1.00	60/64	1000
	1725/5HA(1)2BMT(L)	Ball	220/240	50/60	0.12/0.14	25/31	2800/3300	250/297	0.77/1.00	60/64	1000
KA1725/5HA(1)2(IP55)/Mg	1725/5HA(1)2BML(C)	Ball	220/240	50/60	0.12/0.14	25/31	2800/3300	250/297 160/230 (corotation) (reversion)	0.77/1.00 0.60/0.80 (corotation) (reversion)	60/64	1000
	1725/5HA(1)2BML(A)	Ball	220/240	50/60	0.12/0.14	25/31	2800/3300	250/297	0.77/1.00	60/64	1000
KA1725/5HA(3)3-2(IP55)/Mg	1725/5HA(3)3BML	Ball	380/400	50/60	0.09/0.09	29/32	2900/3400	250/297	0.77/1.00	60/64	1000
	1725/5HA(3)3BML(A)	Ball	380/400	50/60	0.09/0.09	29/32	2900/3400	250/297	0.77/1.00	60/64	1000

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反转功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式, "圓" "圓" "圓" 正轉, "圓" "圓" "圓" 反轉)
3. 表中 (A) 代表靜音功能 (a 靜音功能採用電鍍觸點式, b 此機型為端子式, 靜音信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase, (3) represent triphase in the form.
2. (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard (圓) (圓) (圓) corotation (圓) (圓) (圓) reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

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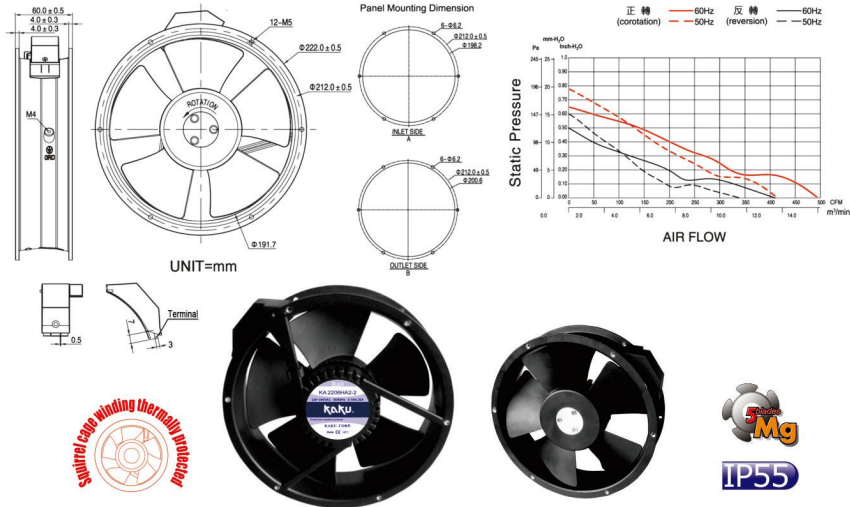


PART-1.1

AC FANS 交流軸流風機系列

KA2206 IP55/Mg SERIES

Ø222×60mm



KA2206 IP55/Mg SERIES

31

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB A)	重量 Weight (g)
KA2206HA(1)1-2(IP55)/Mg	2206HA(1)1BMT(L)	Ball	110/120	50/60	0.35/0.43	40/48	2800/3300	427/490	0.78/0.65	63/68	1220
	2206HA(1)1BML(C)	Ball	110/120	50/60	0.35/0.43	40/48	2800/3300	427/490 340/410 正轉 (corotation) 反轉 (reversion)	0.78/0.65 0.50/0.60 正轉 (corotation) 反轉 (reversion)	63/68	1220
KA2206HA(1)2-2(IP55)/Mg	2206HA(1)2BMT(L)	Ball	220/240	50/60	0.18/0.25	40/53	2800/3300	427/490	0.78/0.65	63/68	1220
	2206HA(1)2BML(C)	Ball	220/240	50/60	0.18/0.25	40/53	2800/3300	427/490 340/410 正轉 (corotation) 反轉 (reversion)	0.78/0.65 0.50/0.60 正轉 (corotation) 反轉 (reversion)	63/68	1220
KA2206HA(3)3-2(IP55)/Mg	2206HA(3)3BML(A)	Ball	380/400	50/60	0.08/0.09	42/55	2800/3300	427/490	0.78/0.65	63/68	1220
	2206HA(3)3BML(A)	Ball	380/400	50/60	0.08/0.09	42/55	2800/3300	427/490	0.78/0.65	63/68	1220

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反轉功能 (此模型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式 "00-10-10" 正轉, 00-12 反轉)
3. 表中 (A) 代表警告功能 (a 警告功能採用無牙觸點式, b 此模型為端子式, 警告信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase, (3) represent three-phase in the form.
2. (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard "00-10-10" corotation 00-12 reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.



AC FANS 交流軸流風機系列

PART-1.1

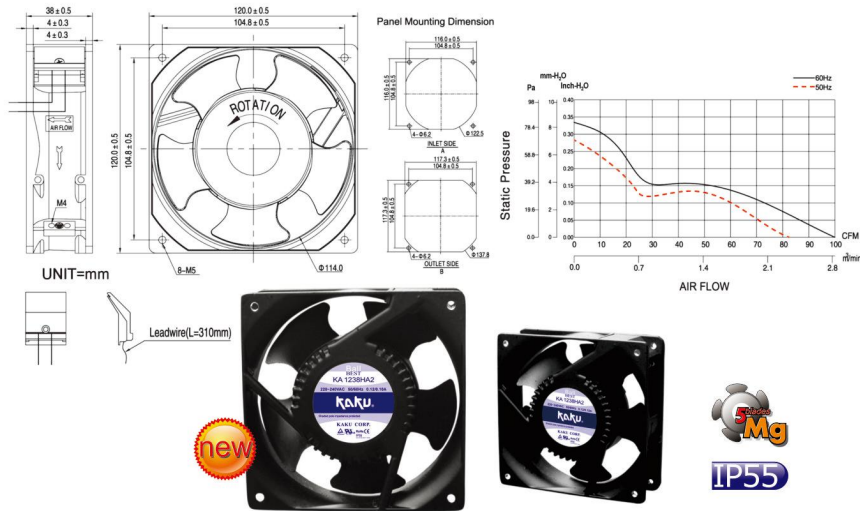
kaku®

KA1238 H.T.R. SERIES

120×120×38mm H.T.R. (耐高溫)

KA1238 H.T.R. SERIES
H.T.R. (耐高溫)

38



KA1238 H.T.R.100 耐高溫

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1238HA1/H.T.R.100(IP55)/Mg	1238HA1BML	Ball	110/120	50/60	0.22/0.20	18/16	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA2/H.T.R.100(IP55)/Mg	1238HA2BML	Ball	220/240	50/60	0.12/0.10	18/16	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA3/H.T.R.100(IP55)/Mg	1238HA3BML	Ball	380/400	50/60	0.07/0.06	18/16	2700/3100	84/100	0.28/0.34	49/51	460

專為100°C環境溫度下設計 Special design for environmental of 100°C

H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)
Test Report No.:SHRL70011/2008

KA1238 H.T.R.130 耐高溫

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1238HA1/H.T.R.130(IP55)/Mg	1238HA1BML	Ball	110/120	50/60	0.22/0.20	18/16	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA2/H.T.R.130(IP55)/Mg	1238HA2BML	Ball	220/240	50/60	0.12/0.10	18/16	2700/3100	84/100	0.28/0.34	49/51	460
KA1238HA3/H.T.R.130(IP55)/Mg	1238HA3BML	Ball	380/400	50/60	0.07/0.06	18/16	2700/3100	84/100	0.28/0.34	49/51	460

專為130°C環境溫度下設計 Special design for environmental of 130°C

H.T.R.130°C (SGS Approval) (H Class Enamelled Wire Inside)
Test Report No.:SHRL60012/2008

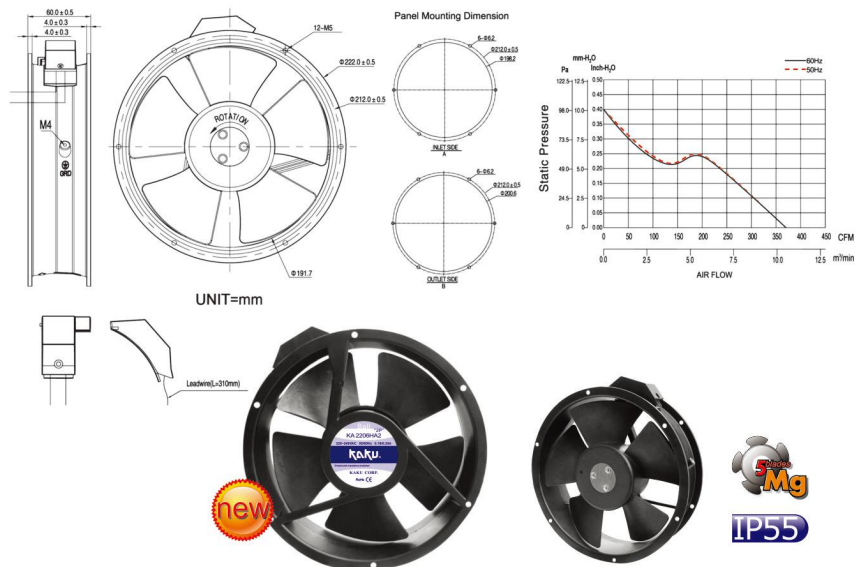
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KA2206 H.T.R. SERIES

H.T.R. (耐高溫)

Ø222×60mm



KA2206 H.T.R. SERIES
H.T.R. (耐高温)

45

專為**100°C**環境溫度下設計 Special design for environmental of **100°C**

型 號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電 壓 Rated Voltage(V)	頻 率 Freq (Hz)	電 流 Current (A)	功 率 Input Power(W)	轉 速 Speed (rpm)	風 量 Air Flow (CFM)	靜 壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重 量 Weight (g)
KA2206HA1/T.1R.100(IP55)/Mg(50Hz)	2206HA1B1ML(50Hz)	Ball	110/120	60	0.78	53	2500	360	0.4	59	1310
KA2206HA2/T.1R.100(IP55)/Mg(50Hz)	2206HA2B2ML(50Hz)	Ball	220/240	50	0.29	53	2500	360	0.4	59	1310
KA2206HA3/H.T.1R.100(IP55)/Mg(50Hz)	2206HA3B3ML(50Hz)	Ball	380/400	50	0.15	53	2500	360	0.4	59	1310
KA2206HA1/H.T.1R.100(IP55)/Mg(60Hz)	2206HA1B1ML(60Hz)	Ball	110/120	60	0.92	71	2500	360	0.4	59	1310
KA2206HA2/H.T.1R.100(IP55)/Mg(60Hz)	2206HA2B2ML(60Hz)	Ball	220/240	60	0.45	71	2500	360	0.4	59	1310
KA2206HA3/H.T.1R.100(IP55)/Mg(60Hz)	2206HA3B3ML(60Hz)	Ball	380/400	60	0.24	71	2500	360	0.4	59	1310

H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)
Test Report No.:SHRL80027-2/2008

AC FANS 交流軸流風機系列

PART-1.1

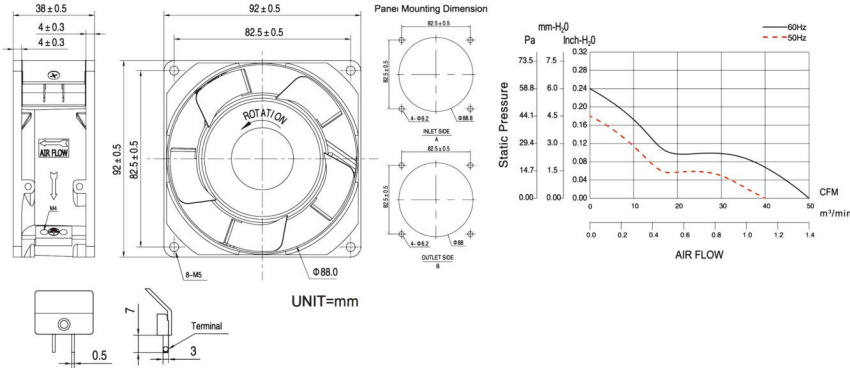


KA9238/PC SERIES

92×92×38mm

KA9238/PC SERIES

04



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (Inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA9238HA1-2/PC	9238HA1BMT(L)	Ball	110/120	50/60	0.15/0.14	15/14	2500/3000	40/50	0.18/0.24	37/41	330
KA9238HA2-2/PC	9238HA2BMT(L)	Ball	220/240	50/60	0.08/0.07	14/13	2500/3000	40/50	0.18/0.24	37/41	330
KA9238HA1-2/PC	9238HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.15/0.14	15/14	2500/3000	40/50	0.18/0.24	37/41	330
KA9238HA2-2/PC	9238HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.08/0.07	14/13	2500/3000	40/50	0.18/0.24	37/41	330



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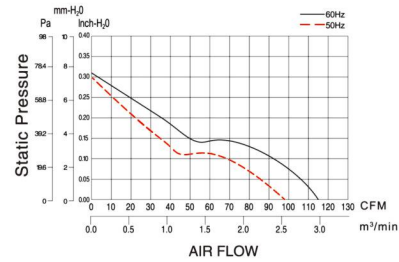
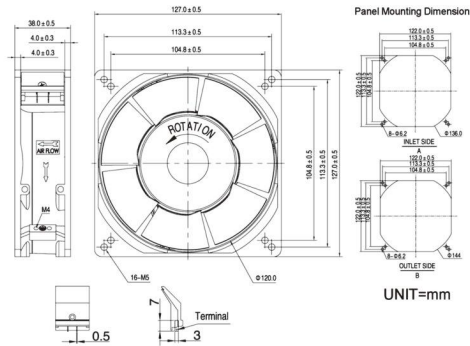


PART-1.1

AC FANS 交流軸流風機系列

IP55 KA12738 SERIES

127×127×38mm



IP55 KA12738 SERIES



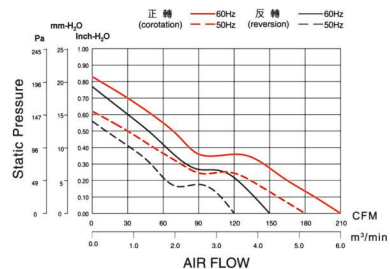
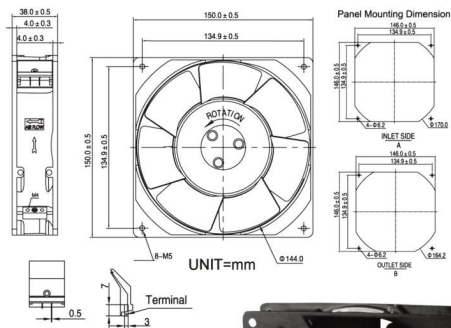
型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA12738HA1-2(IP55)/PC	12738HA1BMT(L)	Ball	110/120	50/60	0.28/0.22	21/18	2700/3100	98/115	0.30/0.31	50/52	460
KA12738HA2-2(IP55)/PC	12738HA2BMT(L)	Ball	220/240	50/60	0.13/0.11	21/18	2700/3100	98/115	0.30/0.31	50/52	460
KA12738HA3-2(IP55)/PC	12738HA3BMT(L)	Ball	380/400	50/60	0.07/0.06	21/18	2700/3100	98/115	0.30/0.31	50/52	460
KA12738HA1-2(IP55)/PC	12738HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.28/0.22	21/18	2700/3100	98/115	0.30/0.31	50/52	460
KA12738HA2-2(IP55)/PC	12738HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.13/0.11	21/18	2700/3100	98/115	0.30/0.31	50/52	460
KA12738HA3-2(IP55)/PC	12738HA3SMT(L)	Sleeve(Best)	380/400	50/60	0.07/0.06	21/18	2700/3100	98/115	0.30/0.31	50/52	460

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150×150×38mm

18



型號 Model	Part No. Terminal Leadwire	軸承類型 Bearing System	電壓 Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	流量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA15023HA(1)1-2/Mg	15023HA(1)1BMT(L)	Ball	110/120	50/60	0.27/0.23	27/26	2800/3300	180/210	0.62/0.83	57/61	650
	15023HA(1)1BML(C)	Ball	110/120	50/60	0.27/0.23	27/26	2800/3300	180/210 120/150 正轉 反轉 (corotation/reversion)	0.62/0.83 0.56/0.77 正轉 反轉 (corotation/reversion)	57/61 650	650
	15023HA(1)1BML(A)	Ball	110/120	50/60	0.27/0.23	27/26	2800/3300	180/210	0.62/0.83	57/61	650
	15023HA(1)2BMT(L)	Ball	220/240	50/60	0.13/0.12	25/26	2800/3300	180/210	0.62/0.83	57/61	650
	15023HA(1)2BML(C)	Ball	220/240	50/60	0.13/0.12	25/26	2800/3300	180/210 120/150 正轉 反轉 (corotation/reversion)	0.62/0.83 0.56/0.77 正轉 反轉 (corotation/reversion)	57/61 650	650
KA15023HA(1)2-2/Mg	15023HA(1)2BML(A)	Ball	220/240	50/60	0.13/0.12	25/26	2800/3300	180/210	0.62/0.85	57/61	650

說明：1.表中（1）代表單相
2.表中（C）代表正反轉功能（此機型為引線式，線長310mm，採用符合UL1332#，24AWG，200°C之黑色線，引線為三線式-①②③-①正轉，②-③反轉）
3.表中（A）代表報警功能（a.報警功能採用無源觸點式 b.此機型為端子式，報警信號線長310mm，採用符合UL1332#，24AWG，200°C之黃色線）

Note: (1) represent single-phase
(2) (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332F, 24AWG, 200°C standard "00-1-2") (0-1) corotation (0-2) reversion) in the form.
(3) (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332F, 24AWG, 200°C standard) in the form.

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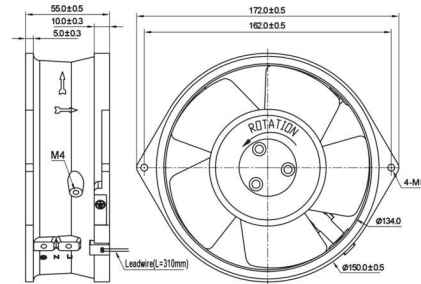


PART-1.1

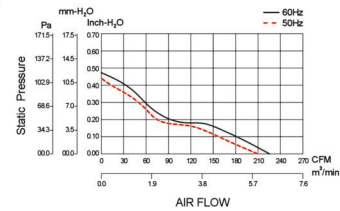
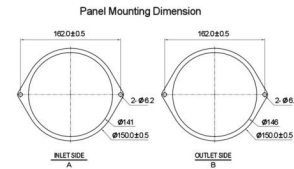
AC FANS 交流軸流風機系列

KA1725/5 IP55/Mg SERIES

172×150×55mm



UNIT=mm



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725/5HA1-2(IP55)/Mg	KA1725/5HA1BML	Ball	110/120	50/60	0.48/0.44	45/42	2600/2900	210/230	0.45/0.47	58/60	980
KA1725/5HA2-2(IP55)/Mg	KA1725/5HA2BML	Ball	220/240	50/60	0.28/0.25	45/42	2600/2900	210/230	0.45/0.47	58/60	980
KA1725/5HA3-2(IP55)/Mg	KA1725/5HA3BML	Ball	380/400	50/60	0.20/0.18	46/43	2600/2900	210/230	0.45/0.47	58/60	980

KA1725/5 IP55/Mg SERIES

25

Ø222 × 80mm



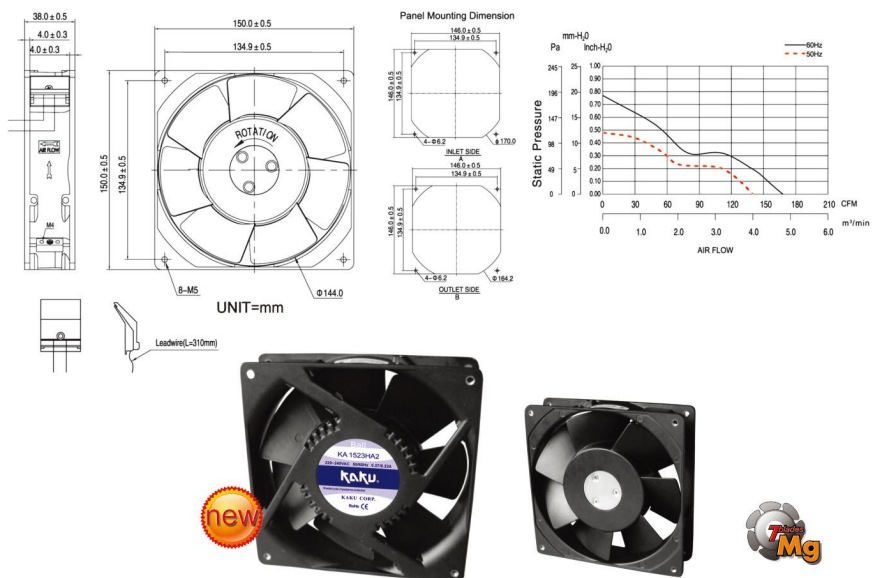
32

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KA1523 H.T.R. SERIES

H.T.R. (耐高温) 150×150×38mm



KA1523 H.T.R. SERIES
H.T.R. (耐高温)

39

專為**100°C**環境溫度下設計 Special design for environmental of **100°C**

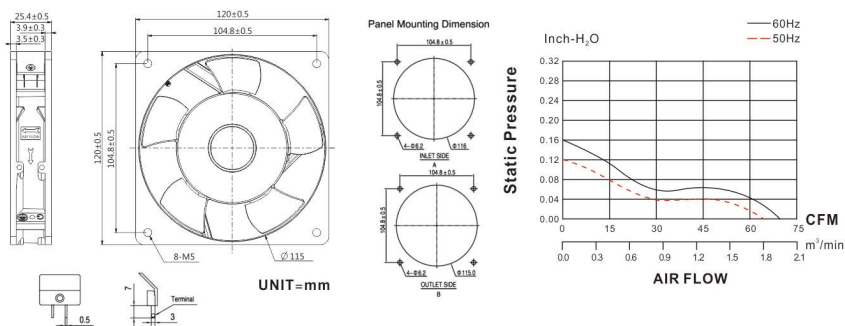
型 號	Pat. No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (in.-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight(g)
KA1523HA1/H.T.R.100/Mg	1523HA1BMIL	Ball	110/120	50/60	0.45/0.37	43/34	2300/2500	140/168	0.48/0.77	55/56	630
KA1523HA2/H.T.R.100/Mg	1523HA2BMIL	Ball	220/240	50/60	0.27/0.22	44/35	2300/2500	140/168	0.48/0.77	55/56	630
KA1523HA3/H.T.R.100/Mg	1523HA3BMIL	Ball	380/400	50/60	0.19/0.16	45/36	2300/2500	140/168	0.48/0.77	55/56	630

H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)

Test Report No.:SHRL80027-2/2008

KA I 225/Mg SERIES

120×120×25mm



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (in-H ₂ O)	噪音值 Noise-A Level(dB-A)	重量 Weight (g)
KA1225HA1-2/Mg	1225HA1BMT(L)	Ball	110/120	50/60	0.16/0.13	13/11	2100/2200	65/71	0.13/0.16	38	320
KA1225HA2-2/Mg	1225HA2BMT(L)	Ball	220/240	50/60	0.07/0.06	13/11	2100/2200	65/71	0.13/0.16	44	320
KA1225HA1-2/Mg	1225HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.16/0.13	13/11	2100/2200	65/71	0.13/0.16	38	320
KA1225HA2-2/Mg	1225HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.07/0.06	13/11	2100/2200	65/71	0.13/0.16	44	320

AC FANS 交流軸流風機系列

PART-1.1

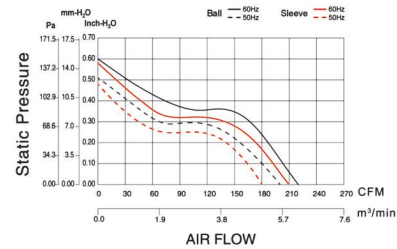
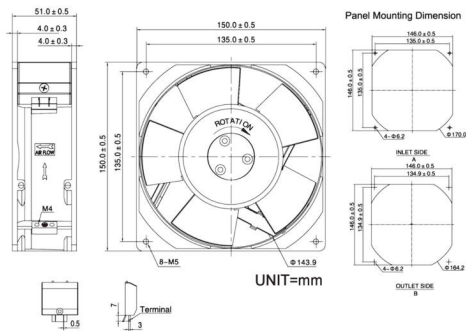
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IP55 KA1525 SERIES

150×150×51mm

IP55 KA1525 SERIES

12



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1525HA1-2(IP55)/Mg	1525HA1BMT(L)	Ball	110/120	50/60	0.65/0.55	45/40	2800/3200	200/220	0.51/0.60	57/59	990
KA1525HA2-2(IP55)/Mg	1525HA2BMT(L)	Ball	220/240	50/60	0.35/0.28	45/40	2800/3200	200/220	0.51/0.60	57/59	990
KA1525HA3-2(IP55)/Mg	1525HA3BMT(L)	Ball	380/400	50/60	0.20/0.27	45/40	2800/3200	200/220	0.51/0.60	57/59	990
KA1525HA1-2(IP55)/Mg	1525HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.40/0.35	31/28	2700/3100	180/210	0.48/0.58	56/58	890
KA1525HA2-2(IP55)/Mg	1525HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.20/0.17	30/28	2700/3100	180/210	0.48/0.58	56/58	890
KA1525HA3-2(IP55)/Mg	1525HA3SMT(L)	Sleeve(Best)	380/400	50/60	0.13/0.11	32/29	2700/3100	180/210	0.48/0.58	56/58	890

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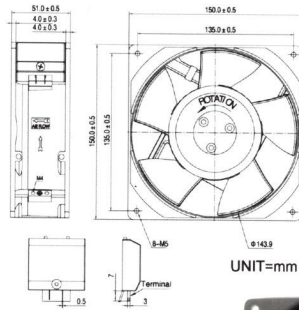


PART-1.1

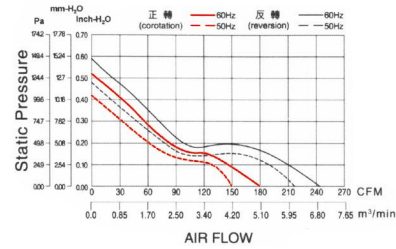
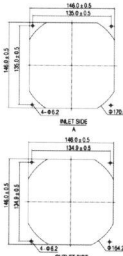
AC FANS 交流軸流風機系列

KA15025/Mg SERIES

150×150×51mm



Panel Mounting Dimension



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dBA)	重量 Weight (g)
KA15025HA(1)1-2/Mg	15025HA(1)1BMT(L)	Ball	110/120	50/60	0.25/0.26	27/30	2800/3300	218/245	0.48/0.59	59/62	840
	15025HA(1)1BML(C)	Ball	110/120	50/60	0.25/0.26	27/30	2800/3300	218/245 150/180 正轉 反轉 (corotation) (reversion)	0.48/0.59 0.42/0.52 正轉 反轉 (corotation) (reversion)	59/62	840
	15025HA(1)1BML(A)	Ball	110/120	50/60	0.25/0.26	27/30	2800/3300	218/245	0.48/0.59	59/62	840
KA15025HA(1)2-2/Mg	15025HA(1)2BMT(L)	Ball	220/240	50/60	0.12/0.13	27/30	2800/3300	218/245	0.48/0.59	59/62	840
	15025HA(1)2BML(C)	Ball	220/240	50/60	0.12/0.13	27/30	2800/3300	218/245 150/180 正轉 反轉 (corotation) (reversion)	0.48/0.59 0.42/0.52 正轉 反轉 (corotation) (reversion)	59/62	840
	15025HA(1)2BML(A)	Ball	220/240	50/60	0.12/0.13	27/30	2800/3300	218/245	0.48/0.59	59/62	840
KA15025HA(3)3-2/Mg	15025HA(3)3BML	Ball	380/440	50/60	0.08/0.09	28/31	2800/3300	218/245	0.48/0.59	59/62	840
	15025HA(3)3BML(A)	Ball	380/440	50/60	0.08/0.09	28/31	2800/3300	218/245	0.48/0.59	59/62	840

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反轉功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式 "00-01-02" 正轉, 00-02 反轉)
3. 表中 (A) 代表靜音功能 (a 靜音功能採用無牙機貼式, b 此機型為端子式, 靜音信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase, (3) represent three-phase in the form.
(C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard
00-01-02 corotation 00-02 reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire
with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

KA15025/Mg SERIES



AC FANS 交流軸流風機系列

PART-1.1

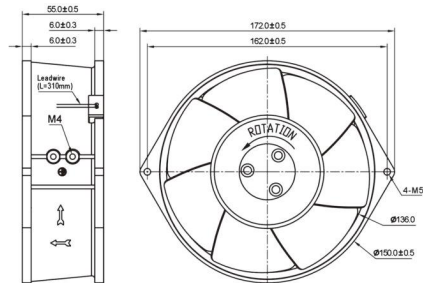
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KA1725/5 IP55/Mg SERIES

172×150×55mm

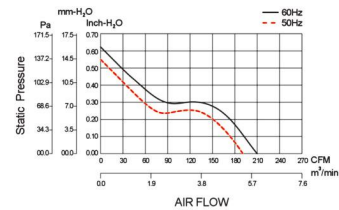
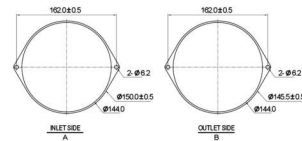
KA1725/5 IP55/Mg SERIES

26



UNIT=mm

Panel Mounting Dimension



IP55

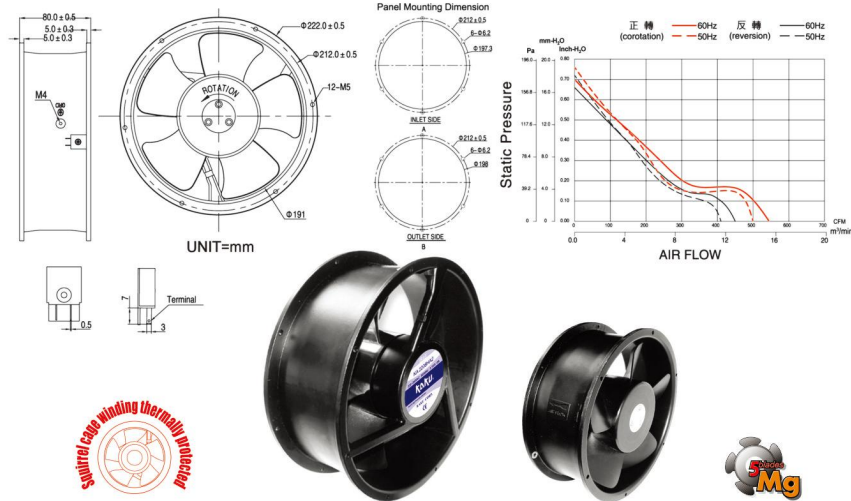
型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725/5 IP55/Mg	KA1725/5 HA1BML	Ball	110/120	50/60	0.48/0.44	45/42	2600/2900	190/210	0.55/0.62	55/58	960
KA1725/5 IP55/Mg	KA1725/5 HA2BML	Ball	220/240	50/60	0.28/0.25	45/42	2600/2900	190/210	0.55/0.62	55/58	960
KA1725/5 IP55/Mg	KA1725/5 HA3BML	Ball	380/400	50/60	0.20/0.18	46/43	2600/2900	190/210	0.55/0.62	55/58	960

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KA2208 2P/Mg SERIES

Ø222×80mm



KA2208 2P/Mg SERIES

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型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (mm-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA2208HA(1)1-2/Mg	2208HA(1)1BMT(L)	Ball	110/120	50/60	0.50/0.60	54/67	2500/2600	500/545	0.76/0.70	67/68	1600
	2208HA(1)1BML(C)	Ball	110/120	50/60	0.50/0.60	54/67	2500/2600	500/545 410/450 正轉 反轉 (corotation) (reversion)	0.76/0.70 0.72/0.66 正轉 反轉 (corotation) (reversion)	67/68 1600	
KA2208HA(1)2-2/Mg	2208HA(1)2BMT(L)	Ball	220/240	50/60	0.22/0.29	49/64	2500/2600	500/545	0.76/0.70	67/68	1600
	2208HA(1)2BML(C)	Ball	220/240	50/60	0.22/0.29	49/64	2500/2600	500/545 410/450 正轉 反轉 (corotation) (reversion)	0.76/0.70 0.72/0.66 正轉 反轉 (corotation) (reversion)	67/68 1600	
KA2208HA(3)3-2/Mg	2208HA(3)3BML(A)	Ball	380/400	50/60	0.13/0.13	49/64	2500/2600	500/545	0.76/0.70	67/68	1600
	2208HA(3)3BML(A)	Ball	380/400	50/60	0.13/0.13	49/64	2500/2600	500/545	0.76/0.70	67/68	1600

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反轉功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式 "00-10-10" 正轉, 00-12 反轉)
3. 表中 (A) 代表靜音功能 (a 靜音功能採用無牙齒點式, b 此機型為端子式, 格警信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase, (3) represent three phase in the form.
2. (C) represent the function of corotation and rollback. (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard
00-10-10 corotation 00-12 reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

150×150×51mm H.T.R. (耐高溫)

40



H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)
Test Report No.:SHRL80027-2/2008

Roof Mount Ventilating Filter

RF-I90

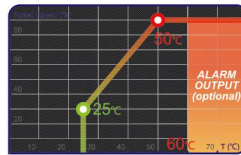
400×350×87.8mm



Top

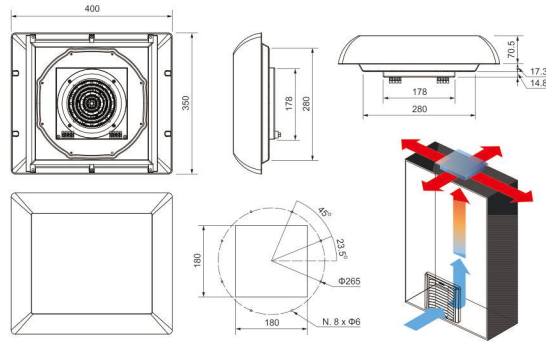
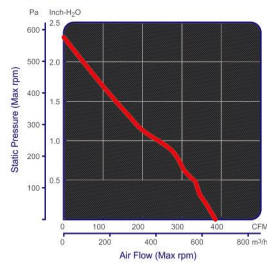


Bottom



Speed-Temperature

曲線圖 Performance



RoHS REACH

參數表 Specification

特性	Features	單位	Unit	RF-EC190
風機風量	Fan air flow rate	m³/h (CFM)		656 (386)
適用單元風量	Fan + Tower air flow rate	m³/h (CFM)		591 (348)
額定電壓	Rated voltage	V		24VDC 148VDC 110VDC 115VAC 230VAC
額定參數	溫度 Temperature	°C		<25 25 30 35 40 45 >50
Nominal parameter	功率 Power	W		Off 8 35 50 65 80 95
	轉速 Rotated speed	rpm		Off 1160 2350 2600 2850 3000 3190
外形尺寸	Dimensions H x W x D	mm		400 x 350 x 116
保護方式	Over current protection	-		By IC
電氣連接方式	Electrical connection	-		Terminal
運轉模式	Duty cycle	-		100%
特殊功能 (選配)	Specific function (optional)	-		FG-RO PWM 0~10V
工作溫度	Operating temperature	°C		-20~+60
防護等級	Protection grade	-		IP44
噪音值	Noise level	dB(A)		0~78
噪音值	RF190+6FU9806 capacity	m³/h (CFM)		544 (320)
空氣流向	Direction of the air flow	-		Inside → outside
軸承系統	Bearing system	-		bearings
警報輸出 (選配)	Alarm output (optional)	-		>60°C 無源觸點 (常開)
材質	Material	-		Mg
產品淨重/毛重	Weight (N.W./G.W.)	Kg		4.0 / 4.5
外包裝尺寸	Package dimensions HxWxD	mm		459 x 405 x 136
符合標準	Conformity	-		CE
顏色	Colour	-		RAL7035

Roof Mount Ventilating Filter
RF-I90

47



PART-1.1

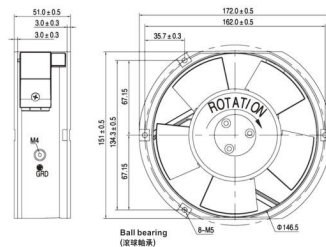
AC FANS 交流軸流風機系列

IP55 KA1725 SERIES

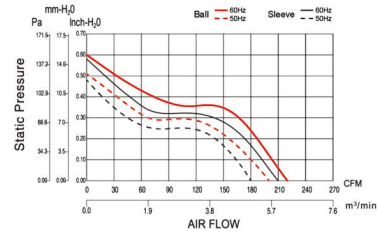
H (高轉)

172×150×51mm

Panel Mounting Dimension



UNIT=mm



KA1725 H 高轉

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725HA1-2(IP55)/Mg	1725HA1BMT(L)	Ball	110/120	50/60	0.65/0.55	45/40	2800/3200	200/220	0.51/0.60	57/59	940
KA1725HA2-2(IP55)/Mg	1725HA2BMT(L)	Ball	220/240	50/60	0.35/0.28	45/40	2800/3200	200/220	0.51/0.60	57/59	940
KA1725HA3-2(IP55)/Mg	1725HA3BMT(L)	Ball	380/400	50/60	0.20/0.27	45/40	2800/3200	200/220	0.51/0.60	57/59	940

AC FANS 交流軸流風機系列

PART-1.1

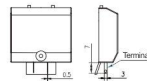
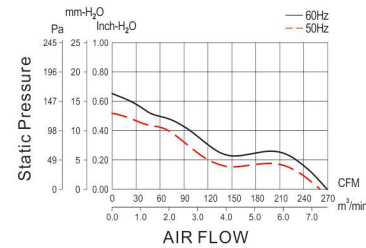
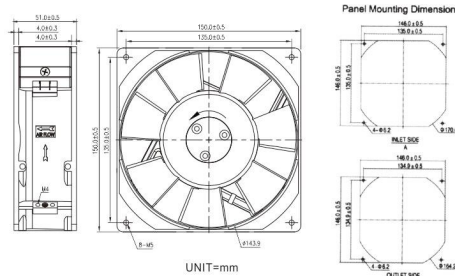
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KAI 5025/Mg SERIES

150×150×51mm X-Flow (高風量)

KAI 5025/Mg SERIES
X-Flow(高風量)

20



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dBA)	重量 Weight (g)
KA15025XA(1)1-2/PC	15025XA(1)1BMT	Ball	110/120	50/60	0.40/0.46	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA15025XA(1)1BMT(A)	15025XA(1)1BMT(A)	Ball	110/120	50/60	0.40/0.46	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA15025XA(1)2-2/PC	15025XA(1)2BMT	Ball	220/240	50/60	0.26/0.28	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA15025XA(1)2BMT(A)	15025XA(1)2BMT(A)	Ball	220/240	50/60	0.26/0.28	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA15025XA(3)3BMT	15025XA(3)3BMT	Ball	380/400	50/60	0.13/0.16	60/65	2850/3300	254/268	0.52/0.65	62/65	860
KA15025XA(3)3BMT(A)	15025XA(3)3BMT(A)	Ball	380/400	50/60	0.13/0.16	60/65	2850/3300	254/268	0.52/0.65	62/65	860

說明: 1. 表中 (1) 代表星相
2. 表中 (A) 代表警告功能 (a. 警告功能採用無源觸點式 b. 此機型為端子式, 警告信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)

Note: 1. (1) represent single-phase

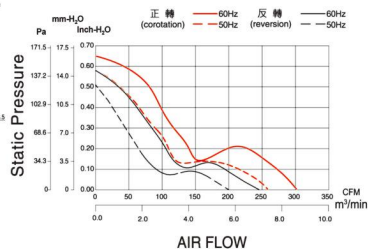
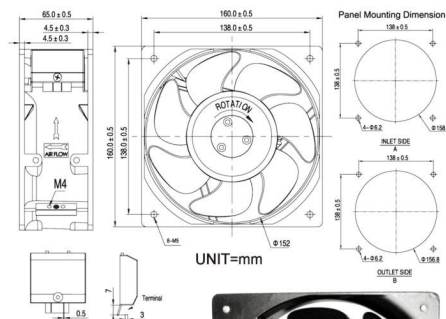
2. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

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KAl 606/Mg SERIES

160×160×65mm



型號 Model	Part No Terminal Leadwire	絕緣接頭 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB)	重量 Weight (g)
KA1606HA(1)1-2/Mg	1606HA(1)1BMT(L)	Ball	110/120	50/60	0.310/31	32/36	2800/3300	259/302	0.58/0.65	59/63	1130
	1606HA(1)1BML(C)	Ball	110/120	50/60	0.310/31	32/36	2800/3300	259/302 正轉 反轉 (corotation) (reversion)	0.58/0.65 正轉 反轉 (corotation) (reversion)	59/63	1130
	1606HA(1)1BML(A)	Ball	110/120	50/60	0.310/31	32/36	2800/3300	259/302	0.58/0.65	59/63	1130
	1606HA(1)2BMT(L)	Ball	220/240	50/60	0.120/14	27/33	2800/3300	259/302	0.58/0.65	59/63	1130
KA1606HA(1)2-2/Mg	1606HA(1)2BML(C)	Ball	220/240	50/60	0.120/14	27/33	2800/3300	259/302 正轉 反轉 (corotation) (reversion)	0.58/0.65 正轉 反轉 (corotation) (reversion)	59/63	1130
	1606HA(1)2BML(A)	Ball	220/240	50/60	0.120/14	27/33	2800/3300	259/302	0.58/0.65	59/63	1130
	1606HA(3)3BML	Ball	380/400	50/60	0.080/09	29/33	2800/3300	259/302	0.58/0.65	59/63	1130
	1606HA(3)3BML(A)	Ball	380/400	50/60	0.080/09	29/33	2800/3300	259/302	0.58/0.65	59/63	1130

說明: 1. 表中 (1) 代表單相, (3) 代表三相
2. 表中 (C) 代表正反轉功能 (此種型為引線式, 線長310mm, 採用符合UL1332, 24AWG, 200°C之黑色線, 引線為三線式: 「0-1」2轉, 「0-2」反轉
3. 表中 (A) 代表報警功能 (a) 報警功能採用無源觸點式 b. 此模型為端子式, 報警信號線長310mm, 採用符合UL1332, 24AWG, 200°C之黃色線)

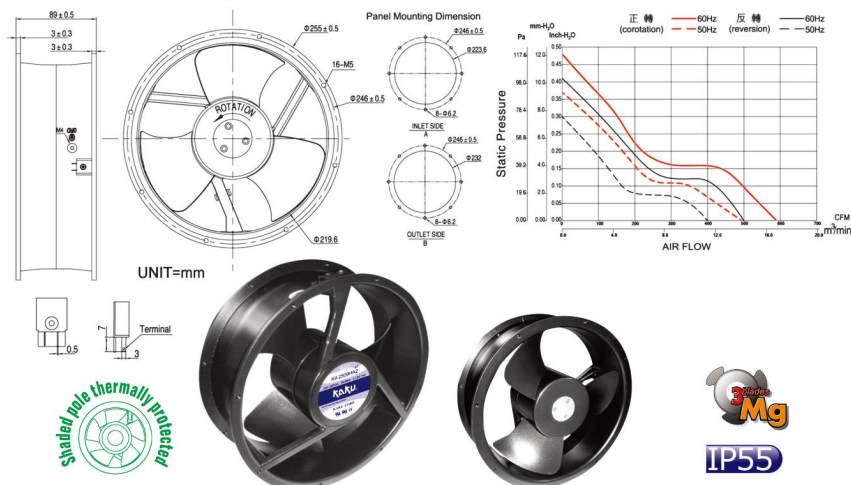
Note: 1. (1) represent single-phase, (3) represent triphase in the form

Note: 1. (1) represent single-phase, (3) represent triphase in the form.
2. (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard "0-1-2" 0-1 corotation 0-2 reversion) in the form.

3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

Ø254 × 89mm

34



型 號 Model	Port No. Terminal Leadwire	編排型號 Binding System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (in.H ₂ O)	噪音 Noise Level(dB-A)	重量 Weight (g)
KA2509H(A)(1)(1-4)(IP55)/Mg	2509H(A)(1)1BMT(L)	Ball	110/120	50/60	0.65/0.60	43/44	1400/1700	495/589	0.37/0.48	53/56	1680
	2509H(A)(1)1BML(C)	Ball	110/120	50/60	0.25/0.23	27/31	1400/1700	495/589 400/500 (corotation) (reversion)	0.37/0.48 0.30/0.41 (corotation) (reversion)	53/56	1910
	2509H(A)(1)1BML(A)	Ball	110/120	50/60	0.65/0.60	43/44	1400/1700	495/589	0.37/0.48	53/56	1680
	2509H(A)(1)2BMT(L)	Ball	220/240	50/60	0.31/0.29	43/44	1400/1700	495/589	0.37/0.48	53/56	1680
KA2509H(A)(2)(4-IP55)/Mg	2509H(A)(2)2BML(C)	Ball	220/240	50/60	0.13/0.12	27/31	1400/1700	495/589 400/500 (corotation) (reversion)	0.37/0.48 0.30/0.41 (corotation) (reversion)	53/56	1910
	2509H(A)(2)2BML(A)	Ball	220/240	50/60	0.31/0.29	43/44	1400/1700	495/589	0.37/0.48	53/56	1680
	2509H(A)(3)3BMT(L)	Ball	380/400	50/60	0.20/0.18	43/44	1400/1700	495/589	0.37/0.48	53/56	1680
	2509H(A)(3)3BML(A)	Ball	380/400	50/60	0.20/0.18	43/44	1400/1700	495/589	0.37/0.48	53/56	1680
KA2509H(A)(3)(3-4)(IP55)/Mg	2509H(A)(3)3BML(C)	Ball	380/400	50/60	0.09/0.07	30/29	1400/1700	495/589	0.37/0.48	53/56	1910
	2509H(A)(3)3BML(A)	Ball	380/400	50/60	0.09/0.07	30/29	1400/1700	495/589	0.37/0.48	53/56	1910

说明: 1.表中(1)代表单相,(3)代表三相
2.表中(C)代表正反转功能,此机型为引線式,線長310mm,采用符合UL1332#,24AWG,200°C之黑色線,引線為三線式“0-1”2“0-1”正轉,0-2“反轉
3.表中(A)代表報警功能,a.報警功能采用無源觸點 b.此機型為端子式,報警信號線長310mm,采用符合UL1332#,24AWG,200°C之黃色線)

Note: 1. (1) represent single-phase, (3) represent triphase in the form

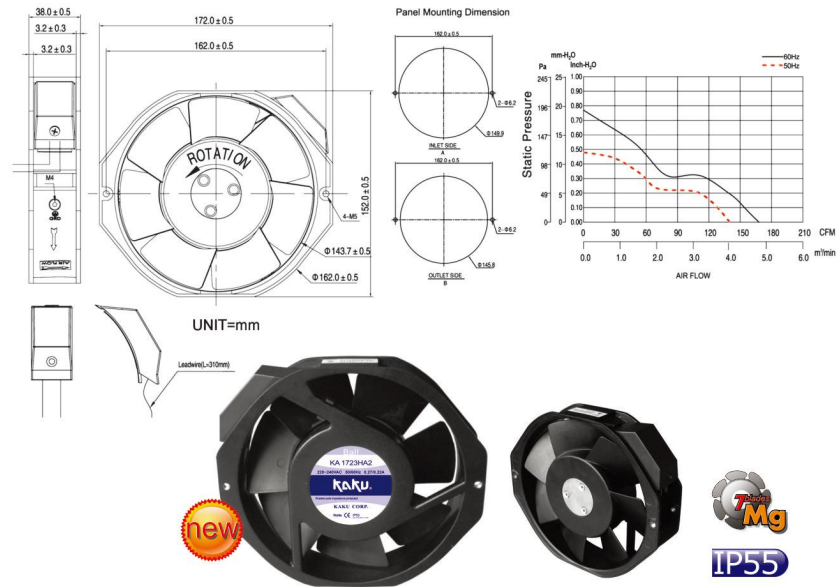
Note: 1. (1) represent single-phase; (3) represent triphase in this form.

2. (C) represent the function of correlation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard (0-1) 2-1; 0-1 correlation; 0-2 correlation) in this form.

3. (A) represent the function of warning signal output (this warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in this form.

KA1723 H.T.R. SERIES

H.T.R. (耐高溫) 172×152×38mm



KA1723 H.T.R. SERIES
H.T.R. (耐高溫)

41

專為100°C環境溫度下設計 Special design for environmental or 100°C

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inH ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1723HA1/H.T.R.100(IP55)/Mg	1723HA1BML	Ball	110/120	50/60	0.45/0.37	43/34	2300/2500	140/168	0.48/0.77	55/56	630
KA1723HA2/H.T.R.100(IP55)/Mg	1723HA2BML	Ball	220/240	50/60	0.27/0.22	44/35	2300/2500	140/168	0.48/0.77	55/56	630
KA1723HA3/H.T.R.100(IP55)/Mg	1723HA3BML	Ball	380/400	50/60	0.19/0.16	45/36	2300/2500	140/168	0.48/0.77	55/56	630

H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)

Test Report No.:SHHLN0027-2/2008

AC FANS 交流軸流風機系列

PART-1.1

kaku®

Roof Mount Ventilating Filter

400×350×87.8mm RF-220

Roof Mount Ventilating Filter
RF-220

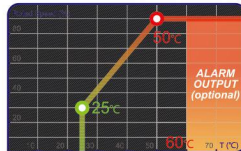
48



Bottom

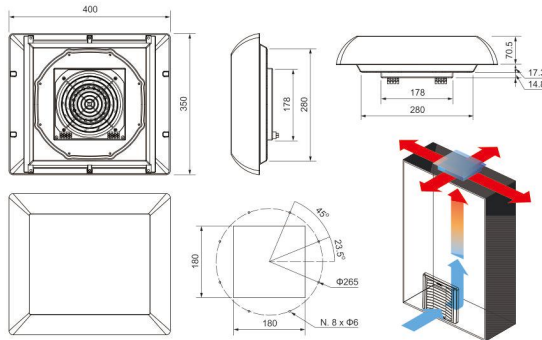
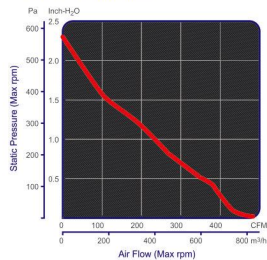


Internal decomposition



Speed-Temperature

曲線圖 Performance



RoHS REACH

參數表 Specification

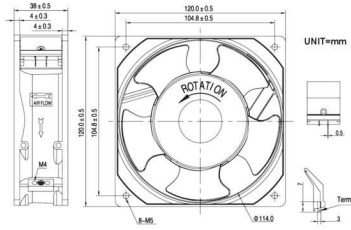
特性	Features	單位 Unit	RF-EC220
風機風量	Fan air flow rate	m³/h (CFM)	816 (480)
風扇單元風量	Fan + Tower air flow rate	m³/h (CFM)	739 (435)
額定電壓	Rated voltage	V	24VDC \ 48VDC \ 110VDC \ 115VAC \ 230VAC
額定參數 Nominal parameter	溫度 Temperature	°C	<25 25 30 35 40 45 >50
	功率 Power	W	Off 9 42 57 70 88 102
轉速	轉速 Rotated speed	rpm	Off 1050 2170 2420 2600 2800 2960
	外形尺寸 Dimensions H x W x D	mm	400 x 350 x 116
保護方式	Over current protection	-	By IC
電氣連接方式	Electrical connection	-	Terminal
運轉模式	Duty cycle	-	100%
特殊功能 (選配)	Specific function (optional)	-	FG/RO PWM/ 0~10V
工作溫度	Operating temperature	°C	-20~+60
防護等級	Protection grade	-	IP44
噪音值	Noise level	dB(A)	0~79
RF190+6xUF9806	RF190+6xUF9806 capacity	m³/h (CFM)	680 (400)
空氣流向	Direction of the air flow	-	Inside → outside
軸承系統	Bearing system	-	bearings
警報輸出 (選配)	Alarm output (optional)	-	>60°C 無源觸點 (常開)
材質	Material	-	Mg
產品淨重/毛重	Weight (N.W./G.W.)	Kg	4.0/4.5
外包裝尺寸	Package dimensions HxWxD	mm	459 x 405 x 136
符合標準	Conformity	-	CE
顏色	Colour	-	RAL7035

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IP55 KA1238 SERIES

H(高轉) & M(中轉) 120×120×38mm



Panel Mounting Dimension

UNIT:mm

Terminal

3

8-M5

Ø114.0

120±0.5

104±0.5

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4

AC FANS 交流軸流風機系列

PART-1.1

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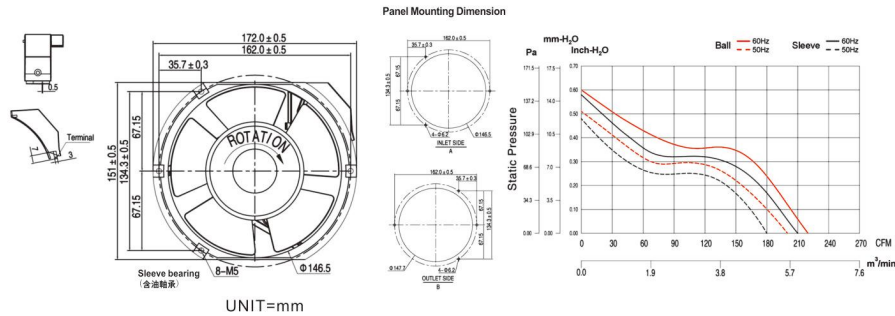
IP55 KA1725 SERIES

172×150×51mm

H (高轉)

IP55 KA1725 SERIES
H (高轉)

14

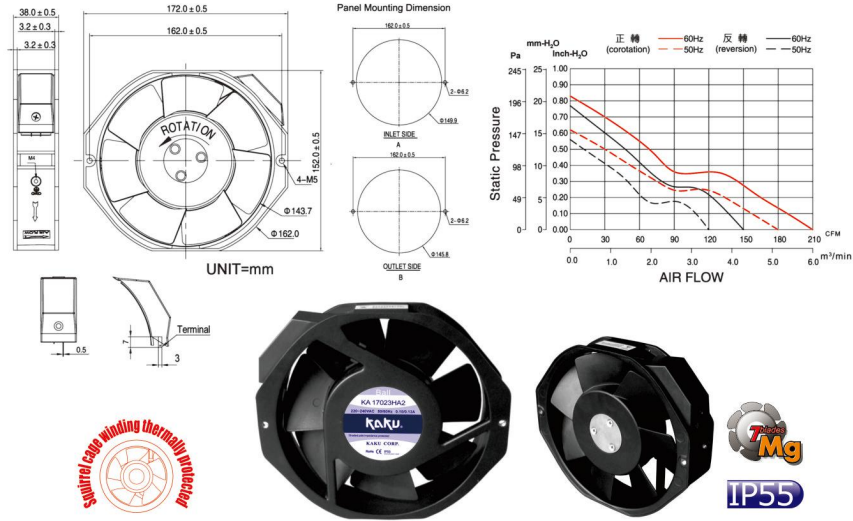


KA1725 H 高轉

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725HA1-2(IP55)Mg	1725HA1SMT(L)	Sleeve(Best)	110/120	50/60	0.40/0.35	31/28	2700/3100	180/210	0.48/0.58	56/58	850
KA1725HA2-2(IP55)Mg	1725HA2SMT(L)	Sleeve(Best)	220/240	50/60	0.20/0.17	30/28	2700/3100	180/210	0.48/0.58	56/58	850
KA1725HA3-2(IP55)Mg	1725HA3SMT(L)	Sleeve(Best)	380/400	50/60	0.13/0.11	32/29	2700/3100	180/210	0.48/0.58	56/58	850

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型號 Model	Part No. Terminal LeadWire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (Inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA I 7023HA(1)1-2(IP55)/Mg	17023HA(1)1BMT(L)	Ball	110/120	50/60	0.27/0.23	27/26	2800/3300	180/210	0.62/0.83	57/61	700
	17023HA(1)1BML(C)	Ball	110/120	50/60	0.27/0.23	27/26	2800/3300	180/210 120/150 正轉 反轉 (corotation) (reversion)	0.62/0.83 0.56/0.77 正轉 反轉 (corotation) (reversion)	57/61	700
	17023HA(1)1BML(A)	Ball	110/120	50/60	0.27/0.23	27/26	2800/3300	180/210	0.62/0.83	57/61	700
KA I 7023HA(1)2-2(IP55)/Mg	17023HA(1)2BMT(L)	Ball	220/240	50/60	0.13/0.12	27/26	2800/3300	180/210	0.62/0.83	57/61	700
	17023HA(1)2BML(C)	Ball	220/240	50/60	0.13/0.12	27/26	2800/3300	180/210 120/150 正轉 反轉 (corotation) (reversion)	0.62/0.83 0.56/0.77 正轉 反轉 (corotation) (reversion)	57/61	700
	17023HA(1)2BML(A)	Ball	220/240	50/60	0.13/0.12	27/26	2800/3300	180/210	0.64/0.85	57/61	700

說明: 1. 表中 (1) 代表單相
2. 表中 (C) 代表正反转功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式 "圓 [1] [2] " [圓-1] 正轉, [圓-2] 反轉)
3. 表中 (A) 代表靜音功能 (a. 靜音功能採用無牙機貼式, b. 此機型為端子式, 靜音信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase
2. (C) represent the function of corotation and rollback (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard [圓 [1] [2] " [圓-1] corotation [圓-2] reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

AC FANS 交流軸流風機系列

PART-1.1

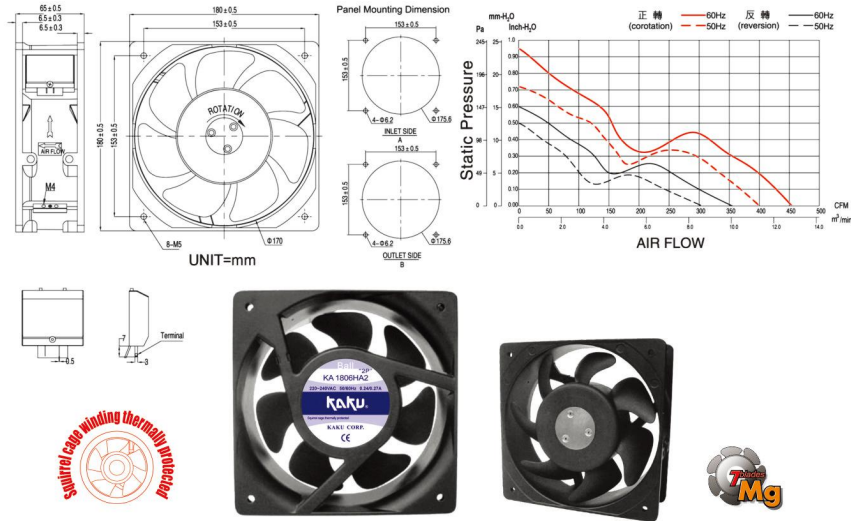


KA1806/Mg SERIES

180×180×65mm

KA1806/Mg SERIES

28



型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq. (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1806HA(1)1-2/Mg	1806HA(1)1BMT(L)	Ball	110/120	50/60	0.53/0.51	56/58	2800/3200	399/458	0.72/0.95	61/65	1450
	1806HA(1)1BML(C)	Ball	110/120	50/60	0.53/0.51	56/58	2800/3200	399/458 310/360 正轉 反轉 (corotation) (reversion)	0.72/0.95 0.50/0.60 正轉 反轉 (corotation) (reversion)	61/65	1450
	1806HA(1)1BML(A)	Ball	110/120	50/60	0.53/0.51	56/58	2800/3200	399/458	0.72/0.95	61/65	1450
KA1806HA(1)2-2/Mg	1806HA(1)2BMT(L)	Ball	220/240	50/60	0.26/0.25	55/56	2800/3200	399/458	0.72/0.95	61/65	1450
	1806HA(1)2BML(C)	Ball	220/240	50/60	0.26/0.25	55/56	2800/3200	399/458 310/360 正轉 反轉 (corotation) (reversion)	0.72/0.95 0.50/0.60 正轉 反轉 (corotation) (reversion)	61/65	1450
	1806HA(1)2BML(A)	Ball	220/240	50/60	0.26/0.25	55/56	2800/3200	399/458	0.72/0.95	61/65	1450
KA1806HA(3)3-2/Mg	1806HA(3)3BML	Ball	380/440	50/60	0.12/0.11	50/57	2800/3200	399/458	0.72/0.95	61/65	1450
	1806HA(3)3BML(A)	Ball	380/440	50/60	0.12/0.11	50/57	2800/3200	399/458	0.72/0.95	61/65	1450

說明: 1. 表中 (1) 代表單相, (3) 代表三相
 2. 表中 (C) 代表正反轉功能, 此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式, 顏色為「黑-黑-黑」或「黑-黑-黑」
 3. 表中 (A) 代表警告功能 (a. 警告功能採用無源觸點式, b. 此機型為端子式, 警告信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
 Note: 1. (1) represent single-phase, (3) represent triphase in the form.
 2. (C) represent the function of corotation and rotation, (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard (black-black-black) or (black-black-black))
 3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

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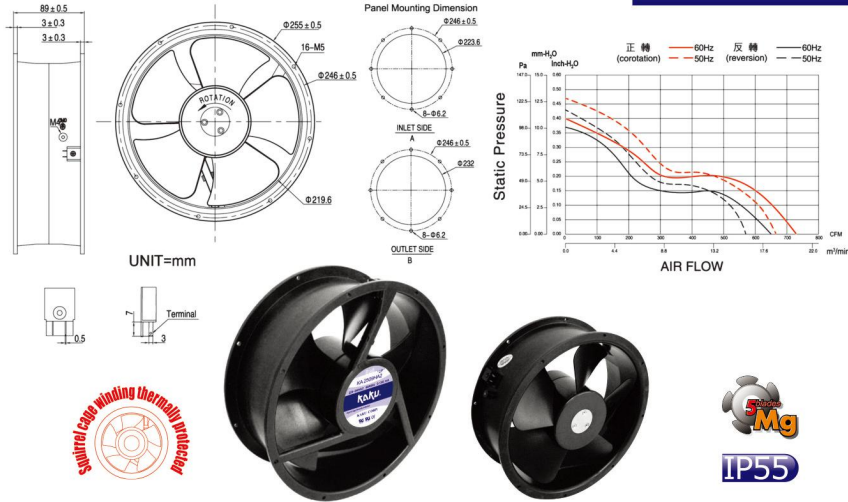


PART-1.1

AC FANS 交流軸流風機系列

KA2509 2P IP55/Mg SERIES

Ø254×89mm



KA2509 2P IP55/Mg SERIES

35

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA2509HA(1)1-2(IP55)/Mg	2509HA(1)1BMT(L)	Ball	110/120	50/60	0.45/0.56	50/63	2500/2600	666/730	0.47/0.40	66/67	1940
	2509HA(1)1BML(C)	Ball	110/120	50/60	0.45/0.56	50/63	2500/2600	666/730 570/650 正轉 反轉 (corotation) (reversion)	0.47/0.40 0.43/0.37 正轉 反轉 (corotation) (reversion)	66/67	1940
KA2509HA(1)2-2(IP55)/Mg	2509HA(1)1BML(A)	Ball	110/120	50/60	0.45/0.56	50/63	2500/2600	666/730	0.47/0.40	66/67	1940
	2509HA(1)2BMT(L)	Ball	220/240	50/60	0.22/0.28	50/64	2500/2600	666/730	0.47/0.40	66/67	1940
KA2509HA(1)2-2(IP55)/Mg	2509HA(1)2BML(C)	Ball	220/240	50/60	0.22/0.28	50/64	2500/2600	666/730 570/650 正轉 反轉 (corotation) (reversion)	0.47/0.40 0.43/0.37 正轉 反轉 (corotation) (reversion)	66/67	1940
	2509HA(1)2BML(A)	Ball	220/240	50/60	0.22/0.28	50/64	2500/2600	666/730	0.47/0.40	66/67	1940
KA2509HA(3)3-2(IP55)/Mg	2509HA(3)3BML	Ball	380/400	50/60	0.14/0.14	50/63	2500/2600	666/730	0.47/0.40	66/67	1940
	2509HA(3)3BML(A)	Ball	380/400	50/60	0.14/0.14	50/63	2500/2600	666/730	0.47/0.40	66/67	1940

說明: 1. 表中 (1) 代表单相, (3) 代表三相
2. 表中 (C) 代表正反轉功能 (此機型為引線式, 線長310mm, 採用符合UL1332#, 24AWG, 200°C之黑色線, 引線為三線式: ①-①正轉, ②-②反轉)
3. 表中 (A) 代表警告功能 (a) 警告功能採用無源觸點式, b 此機型為端子式, 警告信號線長310mm, 採用符合UL1332#, 24AWG, 200°C之黃色線)
Note: 1. (1) represent single-phase, (3) represent three phase in the form.
2. (C) represent the function of corotation and rollback. (this fan is lead wire style, adopting 3 black wires with each of the length 310mm which meet UL 1332#, 24AWG, 200°C standard
①-① corotation ②-② reversion) in the form.
3. (A) represent the function of fan with warning signal output (a. This warning function adopt passive adherent point type; b. This fan is terminal type, warning signal output adopting yellow wire
with the length 310mm which meet UL 1332#, 24AWG, 200°C standard) in the form.

AC FANS 交流軸流風機系列

PART-1.1

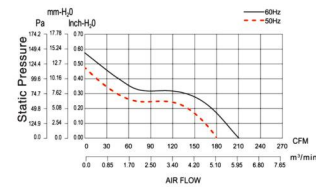
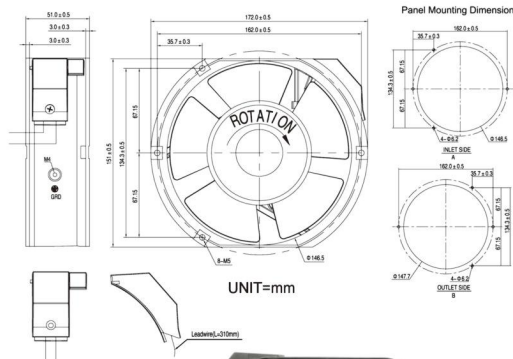
kaku®

KAI 725 H.T.R. SERIES

172×150×51mm H.T.R. (耐高溫)

KAI 725 H.T.R. SERIES
H.T.R. (耐高溫)

42



專為100°C環境溫度下設計 Special design for environmental of 100°C

型號 Model	Part No. Terminal Leadwire	軸承類別 Bearing System	電壓 Rated Voltage(V)	頻率 Freq (Hz)	電流 Current (A)	功率 Input Power(W)	轉速 Speed (rpm)	風量 Air Flow (CFM)	靜壓 Static Pressure (inch-H ₂ O)	噪音值 Noise Level(dB-A)	重量 Weight (g)
KA1725HA1/H.T.R.100(IP55)/Mg	1725HA1BML	Ball	110/120	50/60	0.40/0.35	31/28	2700/3100	180/210	0.48/0.58	56/58	850
KA1725HA2/H.T.R.100(IP55)/Mg	1725HA2BML	Ball	220/240	50/60	0.20/0.17	30/28	2700/3100	180/210	0.48/0.58	56/58	850
KA1725HA3/H.T.R.100(IP55)/Mg	1725HA3BML	Ball	380/400	50/60	0.13/0.11	32/29	2700/3100	180/210	0.48/0.58	56/58	850

H.T.R.100°C (SGS Approval) (F Class Enamelled Wire Inside)
Test Report No.:SHR.L89027-2/2008

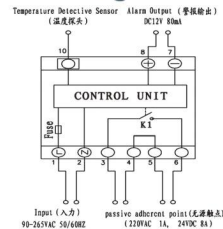
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Temperature controller



TC-001



主要功能 Features & Benefits

- 即時了解盤內溫度
Awareness of the panel temperature instantly
- 節能降耗
Low power consumption
- 減少軸承損耗，延長風機使用壽命
Decrease the consumption of the bearing and prolong the life-span of the fan
- 減少侵入盤內之灰塵
Minimize the dust may go into the panel
- 延長通風過濾網之壽命
Prolong the life-span of the ventilation filter units
- 減少維護之人工
Minimize the process of maintenance cycle
- 警報溫度值的設定可有效防止盤內溫升過高造成其他元器件之故障
The setting of alarm value can prevent the malfunction of other components due to the high temperature of the panel

盤內溫度檢知以控制冷卻風扇之ON/OFF，以達省電節能之目的。

KAKU風機溫度控制器是卡固公司經過一年多自主研發，生產的高科技產品。它可以根據環境溫度的變化通過智能感溫探頭自動控制風機的啟動與停止。產品可以設定警報溫度值，當環境溫度過高發出警報，減少因溫度而產生的隱患。該溫控器穩定性好，可靠性高，使用壽命長，芯片精度高，抗干擾性強。風機可以在用戶設定的溫度範圍內可靠的自動運行，既方便使用又節能降耗，可為您帶來顯著的經濟效益。

Control the ON/OFF of the fan by temperature detecting inside the panel and in that case can save more energy. This fan using temperature controller is another high-tech product manufactured by KAKU which undergoes more than one year of independent research. It can well control the ON/OFF of the fan according to the environmental temperature changing via the intelligence temperature detective sensor. It can also set the alarm value and give out warning signal when panel temperature goes high-precision chip and strong due to the high temperature. This product has good stability, high reliability, long service life, high-precision chip and strong anti-jamming ability. The fan can run smoothly and automatically at the setting range of the temperature bring you th significant economic benefits.

技術參數 Technical Parameters

型號	Model	TC-001
電壓	Rated Voltage(V)	90~264VAC 50/60Hz
輸出	負載 Load	220VAC, 1A (Max.) 24VDC, 8A (Max.)
	警報 Alarm	12.0 ± 1.0VDC 80mA (Max.)
工作溫度範圍	Operating Temperature Range	-9°C~85°C
開關溫度設定	Temperature Setting Value	-9°C~99°C
警報溫度設定	Alarm Setting Range Value	-9°C~99°C
觸點類型	Contact Type	雙向觸點 (繼電器) 2-way contact (relay)
最大轉換功率	Max. Commutation Power	240W
精度誤差範圍	Precision Range	± 2°C
接線方式	Mode Of Connection	接線式端子 (採用線徑0.75mm ² ~1.2mm ²) Cable type of terminal (adopt wire diameter 0.75mm ² ~1.2mm ²)
顏色	Color	RAL9005
顯示器	Display	LED
防護等級	IP Grade	IP20
儲存溫度	Storage Temperature	-30°C~85°C
可開關次數	Life-span	> 100000 Times
安裝方式	Install	依據EN60715固定卡卡在35mm導軌上或M5螺栓板式連接 Mounting on the 35mm Din rail according to EN60715 or mounting with M5 bolt directly
認證	Certification	RoHs; UL, CE & CCC are bing applied (認證中)
重量	Weight	110g