

SUNON KDE Series**DC Brushless Fan**

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

6010 :60x60x10mm

Model	P/N	Bearing	Rating Voltage (VDC)	Power Current (AMP)	Power Consumption (WATTS)	Speed (RPM)	Air Flow (CFM)	Static Pressure (Inch-H ₂ O)	Noise (dBA)	Weight (g)
KDE1206PFV1	MS.G	●	12□	0.16	1.9□	5200□	16.3□	0.13□	35□	22□
KDE1206PFV2	MS.G	●	12□	0.10	1.2□	4300□	13.8□	0.09□	34.5	22□
KDE1206PFS2-8		◎	12□	0.10□	1.2□	4200□	13.9□	0.107□	30□	22□
KDE1206PFS3-8		◎	12	0.07□	0.8□	3500□	12.0□	0.09□	26□	22
KDE1206PFB2-8		○	12□	0.10□	1.2□	4400□	14.5□	0.11□	31□	27□
KDE1206PFB3-8		○	12□	0.07□	0.8□	3700□	12.7 □	0.09□	27□	27□
KDE1206PFB1	MS.G	○	12□	0.16□	1.9□	5200□	16.3□	0.13□	36□	27□
KDE1206PFB2	MS.G	○	12□	0.10	1.2	4300	13.8	0.09	35□	27□

6015 :60x60x15mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dBA)	(g)
KDE0506PHS2		◎	5	0.39□	1.9□	4000□	17.8□	0.135□	31□	45
KDE0506PHS3		◎	5	0.24□	1.2□	3300□	14.8□	0.11□	26□	45□
KDE0506PHB2		○	5	0.39□	1.9□	4200□	18.5□	0.15□	31.5□	45□
KDE0506PHB3		○	5□	0.24□	1.2□	3500□	15.2□	0.13□	26.5	45□
KDE1206PHV1	MS.G	●	12□	0.15□	1.8□	4300□	20.0□	0.18□	37.5	39□
KDE1206PHV2	MS.G	●	12□	0.09	1.1□	3800□	17.0□	0.13□	32.5	39□
KDE1206PHS2		◎	12□	0.16□	1.9□	4000□	17.8□	0.135□	31□	45□
KDE1206PHS3		◎	12□	0.09□	1.2□	3300□	14.8□	0.11□	26□	45□
KDE1206PHB2		○	12□	0.16□	1.9□	4200□	18.5□	0.15□	31.5□	45□
KDE1206PHB3		○	12□	0.09□	1.2□	3500□	15.2	0.13□	26.5□	45□
KDE1206PHB1	MS.G	○	12□	0.15□	1.8□	4300□	20.0□	0.18□	38.5	39□
KDE1206PHB2	MS.G	○	12□	0.09	1.1	3800	17.0	0.13	33.5	39□

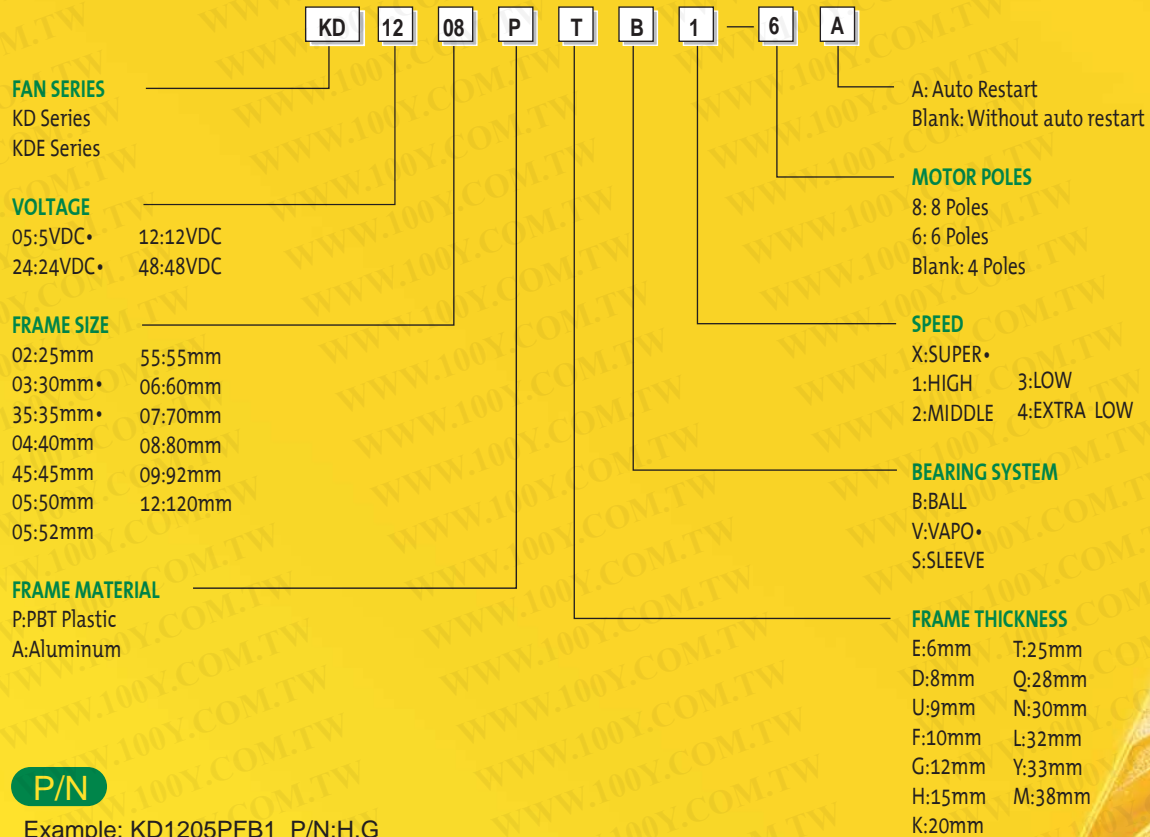
6020 :60x60x20mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dBA)	(g)
KDE1206PKV1	MS	●	12□	0.15	1.8□	4300□	22.0□	0.17□	32□	52
KDE1206PKV2	MS	●	12□	0.09	1.1	3600	18.5□	0.14□	27.5□	52
KDE1206PKS1		◎	12□	0.21□	2.5□	4800□	18.2□	0.16□	34□	50
KDE1206PKS2		◎	12□	0.15□	1.8□	4200□	16.5□	0.13□	31□	50□
KDE1206PKS3		◎	12	0.09□	1.1□	3200□	13.9□	0.10□	26.7□	50□
KDE1206PKB1		○	12□	0.21□	2.5□	5000□	21.2□	0.17□	37□	50□
KDE1206PKB2		○	12□	0.15□	1.8□	4400□	19.0□	0.148□	32□	50□
KDE1206PKB3		○	12□	0.09	1.1□	3500□	16.0□	0.13□	27□	50□
KDE1206PKB1	MS	○	12	0.15	1.8□	4300□	22.0□	0.17□	32.5□	52
KDE1206PKB2	MS	○	12□	0.09□	1.1	3600	18.5□	0.14	28	52

6025 :60x60x25mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dBA)	(g)
KDE0506PTS2	V	◎	5	0.33□	1.7□	3700□	18.0□	0.15□	29□	60□
KDE0506PTS3	V	◎	5	0.23□	1.2□	3100□	16.0□	0.10□	25□	60□
KDE1206PTV1	MS	●	12□	0.15□	1.8□	4500□	23.0□	0.20□	33.5□	55□
KDE1206PTV2	MS	●	12□	0.09	1.1□	3800□	19.0□	0.15	30□	55
KDE1206PTS1	V	◎	12□	0.19□	2.3□	4300□	22.5	0.20□	33.5□	60□
KDE1206PTS2	V	◎	12□	0.13□	1.6□	3700□	18.0	0.15□	29	60□
KDE1206PTS3	V	◎	12□	0.09□	1.1□	3100□	16.0□	0.10□	25□	60□
KDE1206PTB1	V	○	12□	0.19□	2.3□	4500□	23.5□	0.22□	34□	60□
KDE1206PTB2	V	○	12□	0.13□	1.6□	4000	19.0□	0.16□	31□	60□
KDE1206PTB3	V	○	12□	0.09□	1.1□	3200□	16.8□	0.11□	27	60□
KDE1206PTB1	MS.(2)	○	12	0.15□	1.8□	4500□	23.0□	0.20□	34.5□	55□
KDE1206PTB2	MS.(2)	○	12	0.09	1.1	3800□	19.0□	0.15□	31□	55□
KDE1206PTB1	MS	○	12	0.15	1.8□	4500□	23.5□	0.21□	34.5□	55□
KDE1206PTB2	MS	○	12	0.09	1.1	3800	19.3	0.15	31	55□

Standard DC Brushless Fan Model Numbering System



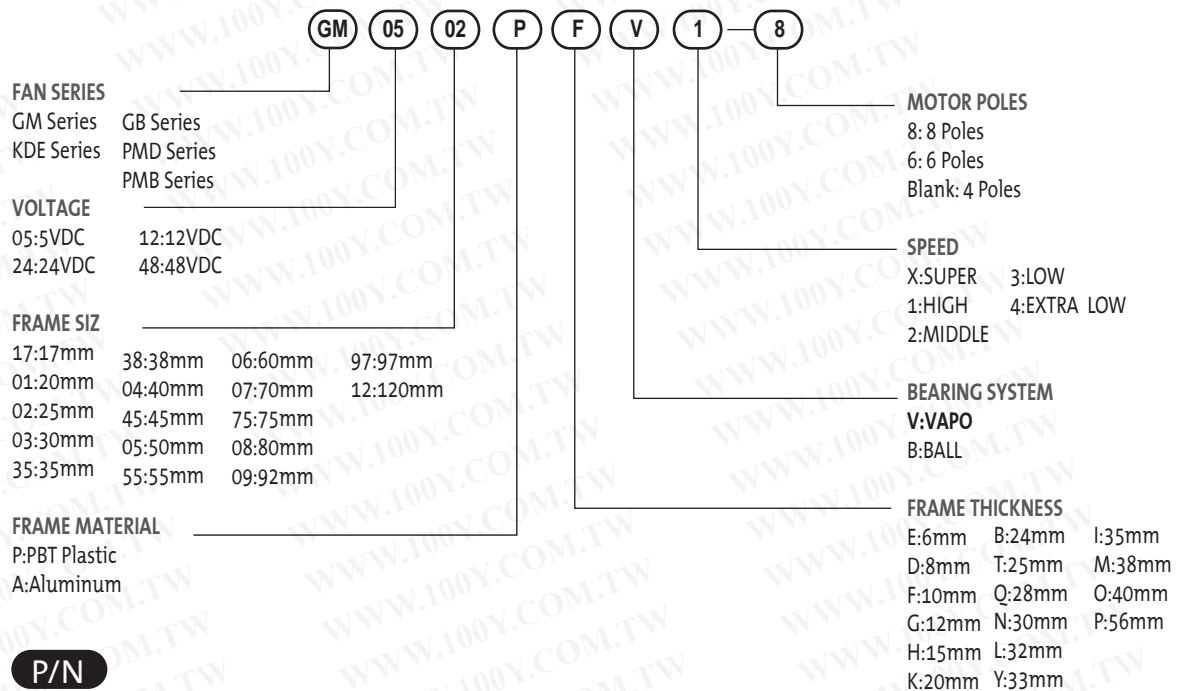
P/N

Example: KD1205PFB1 P/N:H.G

- 11/13 Motor model
- (2) Two ball bearing
- H Component/process upgraded
- OC Low voltage start-up & open collector type
- G Big hub
- V New blade
- BXX Special circuit design
- CXX Different dimensions, particular process or supplementary component parts
- M 3rd wire square wave signal was not amplified
 3rd wire square with open collector type (only available for P/N: H&MS Series)
- TM 3rd wire square with open collector type
- R 3rd wire with rotation detector waveform(Only available for 8025/9225/12025/12038 Series)
- F 3rd wire with frequency generation waveform(Only available for 8025/9225/12025/12038 Serie)

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DC Fan and Blower Model Numbering System



P/N

Example: KDE1208PTV1 P/N:13.MS.A.GN

- 11/13 Motor model
- MS MagLev Design
- (2) Two ball bearing
- G Big hub
- (9) 9 Blades
- N Smaller hub
- A Auto restart
- F 3rd wire with frequency generation waveform
- R 3rd wire with rotation detector waveform
- U Upgrade
- GN RoHS compliance

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Sunon Connector recommendation

Connector pitch	Manufacturer	Housing	Terminal
1.25mm	HIROSE	DF13-2S-1.25C	DF13-2630SCF
	MOLEX	51021-0300	50058-8200
1.5mm	JST	ZHR-2	SZH-002T-P0.5 or SZH-003T-P0.5
2.0mm	JST	PHR-2	SPH-002T-P0.5S
2.54mm	ECI	2510-02	2511-P
	Molex	50-57-9405	16-02-0069(70058-0004) or 16-02-0082(70058-0006)
	Molex	2695-02RP	2759T(39-00-0372)
	Molex	2695-03RP	2759T(39-00-0372)
	Molex	6471-021	4809-C-P914
2.50mm	Molex	6471-031	4809-C-P914
	JAM	SC25-02HG	725462-2MA
	JST	SMR-02V-B	SYM-001T-P0.6
	JST	XHP-2	SXH-001T-0.6
	JST	EHR-2(H28J-2)	SEH-001T-P0.6
	JST	SMP-02V-BC	SHF-001T-0.8BS
	JWT	A2502H02-2P	A2502TOP-2
	JWT	A2502H02-3P	A2502TOP-2
2.50mm	Molex	5051-02	2759T(39-00-0372)
	Molex	5264-02	5263PBT(08-70-1039)