



KDE SERIES

DC Brushless Fan & Blower

Traditional Motor Series

SUNON Traditional System Motor Series

DC Brushless Blower



Size(mm)	Model	★	Volt.	WATTS	RPM	CFM	Inch H ₂ O	dBA
80x80x15	KDE1208PHS1 H	⊙	12VDC	3.1	3200	34	0.16	37.5
	KDE1208PHS2 H	⊙	12VDC	2.3	2800	30	0.12	34
	KDE1208PHS3 H	⊙	12VDC	1.6	2400	25	0.10	31.5
	KDE1208PHB1 H	○	12VDC	3.1	3300	35	0.17	39.5
	KDE1208PHB2 H	○	12VDC	2.3	2900	31	0.13	36
KDE1208PHB3 H	○	12VDC	1.6	2500	25.5	0.10	32	
80x80x20	KDE1208PKS1 H	⊙	12VDC	2.2	3000	37	0.17	34.5
	KDE1208PKS2 H	⊙	12VDC	1.8	2700	33.2	0.15	31.3
	KDE1208PKS3 H	⊙	12VDC	1.3	2300	28.3	0.11	26.5
	KDE1208PKB1 (2).H	○	12VDC	2.0	3200	38.5	0.18	37.5
	KDE1208PKB2 (2).H	○	12VDC	1.7	2900	37	0.17	35
KDE1208PKB3 (2).H	○	12VDC	1.3	2600	31	0.14	31.5	
80x80x25	KDE1208PTS1 H	⊙	12VDC	2.4	2850	37.5	0.17	32.5
	KDE1208PTS2 H	⊙	12VDC	2.3	2700	36.5	0.16	30
	KDE1208PTS3 H	⊙	12VDC	1.4	2300	31.0	0.12	25
	KDE1208PTB1 (2).H	○	12VDC	2.3	3000	39.5	0.18	33
	KDE1208PTB2 (2).H	○	12VDC	2.1	2900	39.0	0.17	32
	KDE1208PTB3 (2).H	○	12VDC	1.4	2500	33.1	0.13	28
	KDE2408PTS1-6A	⊙	24VDC	2.6	3000	41.7	0.18	34
	KDE2408PTS2-6A	⊙	24VDC	1.9	2650	34.4	0.16	30
	KDE2408PTS3-6A	⊙	24VDC	1.5	2200	29.4	0.11	24.5
	KDE2408PTB1-6A	○	24VDC	2.6	3200	42.5	0.23	36.5
	KDE2408PTB2-6A	○	24VDC	1.9	2800	35.0	0.20	32.5
	KDE2408PTB3-6A	○	24VDC	1.5	2500	30.0	0.14	28.5
92x92x25	KDE1209PTS1 H	⊙	12VDC	2.6	2500	45.5	0.14	33
	KDE1209PTS2 H	⊙	12VDC	2.5	2400	44.0	0.14	32
	KDE1209PTS3 H	⊙	12VDC	1.7	2100	39.0	0.11	28
	KDE1209PTB1 (2).H	○	12VDC	2.5	2700	49.0	0.17	34.5
	KDE1209PTB2 (2).H	○	12VDC	2.4	2600	48.5	0.16	33
	KDE1209PTB3 (2).H	○	12VDC	1.6	2300	41.0	0.12	30
	KDE2409PTS1-6A	⊙	24VDC	3.4	2800	50.0	0.17	35
	KDE2409PTS2-6A	⊙	24VDC	2.2	2500	44.0	0.15	33
	KDE2409PTS3-6A	⊙	24VDC	1.7	2100	39.0	0.11	27
	KDE2409PTB1-6A	○	24VDC	3.4	3000	51.0	0.20	37
	KDE2409PTB2-6A	○	24VDC	2.2	2600	45.0	0.18	34
	KDE2409PTB3-6A	○	24VDC	1.7	2300	40.0	0.13	28
120x120x25	KDE1212PTS1-6A	⊙	12VDC	4.8	3000	88	0.27	44
	KDE1212PTS2-6A	⊙	12VDC	3.6	2700	78	0.21	40
	KDE1212PTS3-6A	⊙	12VDC	2.4	2300	67	0.16	35
	KDE1212PTB1-6A	○	12VDC	4.8	3100	90	0.28	44.5
	KDE1212PTB2-6A	○	12VDC	3.6	2800	80	0.22	41
	KDE1212PTB3-6A	○	12VDC	2.4	2400	69	0.17	35.5
	KDE2412PTS1-6A	⊙	24VDC	5.3	3000	88	0.27	44
	KDE2412PTS2-6A	⊙	24VDC	4.1	2700	78	0.21	40
	KDE2412PTS3-6A	⊙	24VDC	3.1	2300	67	0.16	35
	KDE2412PTB1-6A	○	24VDC	5.3	3100	90	0.28	44.5
	KDE2412PTB2-6A	○	24VDC	4.1	2800	80	0.22	41
	KDE2412PTB3-6A	○	24VDC	3.1	2400	69	0.17	35.5
120x120x38	KDE1212PMSX-6A	⊙	12VDC	7.6	3100	119	0.32	45
	KDE1212PMS1-6A	⊙	12VDC	6.8	3000	107	0.30	41
	KDE1212PMS2-6A	⊙	12VDC	5.1	2700	97	0.24	36
	KDE1212PMS3-6A	⊙	12VDC	3.2	2300	83	0.18	34
	KDE1212PMBX-6A	○	12VDC	7.6	3150	120	0.34	46.5
	KDE1212PMB1-6A	○	12VDC	6.8	3100	108	0.31	42
	KDE1212PMB2-6A	○	12VDC	5.1	2800	98	0.25	36.5
	KDE1212PMB3-6A	○	12VDC	3.2	2400	84	0.19	35
	KDE2412PMSX-6A	⊙	24VDC	7.2	3100	119	0.32	45
	KDE2412PMS1-6A	⊙	24VDC	6.7	3000	107	0.30	41
	KDE2412PMS2-6A	⊙	24VDC	5.5	2700	97	0.24	36
	KDE2412PMS3-6A	⊙	24VDC	4.0	2300	83	0.18	34
	KDE2412PMBX-6A	○	24VDC	7.2	3150	120	0.34	46.5
	KDE2412PMB1-6A	○	24VDC	6.7	3100	108	0.31	42
	KDE2412PMB2-6A	○	24VDC	5.5	2800	98	0.25	36.5
	KDE2412PMB3-6A	○	24VDC	4.0	2400	84	0.19	35
	KDE4812PMS1-6A	⊙	48VDC	9.1	2900	132.5	0.29	46
	KDE4812PMS2-6A	⊙	48VDC	7.7	2700	124	0.26	43.5
	KDE4812PMS3-6A	⊙	48VDC	4.8	2300	106.5	0.19	40
	KDE4812PMB1-6A	○	48VDC	9.1	3000	136	0.30	47
	KDE4812PMB2-6A	○	48VDC	7.7	2800	127	0.28	44
	KDE4812PMB3-6A	○	48VDC	4.8	2400	107	0.20	41

★: Bearing System: ⊙ Sleeve Bearing / ○ Ball Bearing
*Specifications subject to change without notice

Size(mm)	Model	★	Volt.	WATTS	RPM	CFM	Inch H ₂ O	dBA
25x25x10	B0502PFB1-8	○	5 VDC	0.9	12000	0.9	0.36	34
	B0502PFB2-8	○	5 VDC	0.6	10000	0.7	0.23	32
	B0502PFB3-8	○	5 VDC	0.3	7000	0.45	0.20	28
	B0502AFB1-8	○	5 VDC	0.9	12000	0.9	0.36	34
	B0502AFB2-8	○	5 VDC	0.6	10000	0.7	0.23	32
B0502AFB3-8	○	5 VDC	0.3	7000	0.45	0.20	28	
30x30x10	B0503PFB1-8	○	5 VDC	0.95	9000	1.2	0.32	31
	B0503PFB2-8	○	5 VDC	0.65	7500	1.0	0.25	29
	B0503PFB3-8	○	5 VDC	0.35	5500	0.55	0.22	26
	B0503AFB1-8	○	5 VDC	0.95	9000	1.2	0.32	31
	B0503AFB2-8	○	5 VDC	0.65	7500	1.0	0.25	29
B0503AFB3-8	○	5 VDC	0.35	5500	0.55	0.22	26	
35x35x6	B0535PEB1-8	○	5 VDC	0.7	8500	0.9	0.17	31
	B0535PEB2-8	○	5 VDC	0.45	7000	0.7	0.14	29
	B0535PEB3-8	○	5 VDC	0.3	5000	0.5	0.12	27
	B0535AEB1-8	○	5 VDC	0.7	8500	0.8	0.33	31
	B0535AEB2-8	○	5 VDC	0.45	7000	0.7	0.26	29
B0535AEB3-8	○	5 VDC	0.3	5000	0.5	0.22	27	
35x35x7	B0535ADB1-8	○	5 VDC	0.7	8500	0.9	0.17	31
	B0535ADB2-8	○	5 VDC	0.45	7000	0.7	0.14	29
	B0535ADB2-8 OC	○	5 VDC	0.6	7000	1.1	0.26	28
45x45x7	B0545ADB1-8	○	5 VDC	0.75	5000	1.1	0.12	30
	B0545ADB2-8	○	5 VDC	0.53	3800	0.8	0.08	28
	B0545ADB3-8	○	5 VDC	0.35	3000	0.65	0.07	25

★: Bearing System: ⊙ Sleeve Bearing / ○ Ball Bearing
*Specifications subject to change without notice

Certification



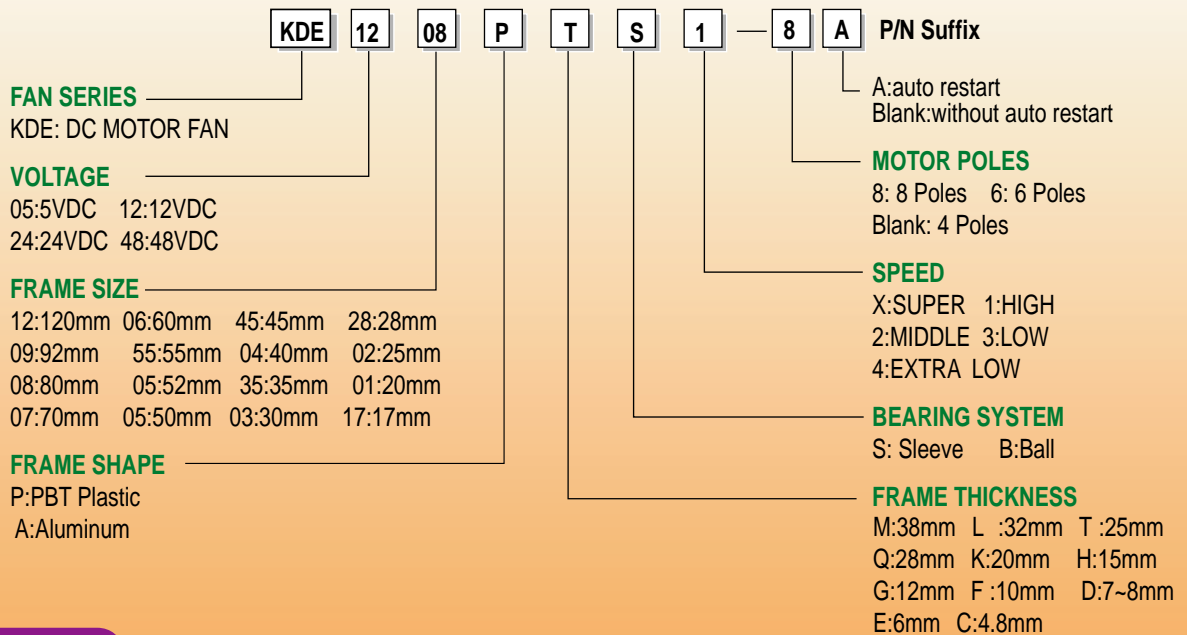
Safety



U.S. Patent Number

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5,734,553	5,740,017	396,276	398,393
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396,276	398,393	398,392	398,977
399,946	398,978	400,665	401,686
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5,988,995	5,997,183	418,216	6,021,043
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6,109,890			6,109,892

Model Numbering System



P/N

P/N suffixes have the following significance

Example: KDE1205PFB1 P/N:H.G

- 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)
- (2) : two ball bearing
- H : component/process upgraded
- OC : low voltage start-up & open collector type
- LV : low voltage
- N : smaller hub
- G : big hub
- V : new blade
- TM : 3rd wire square with open collector type
- M : 3rd wire square wave signal was not amplified
3rd wire square with open collector type (only available for P/N: H)
- BXX : special circuit design
- CXX : different dimensions, particular process or supplementary component parts

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