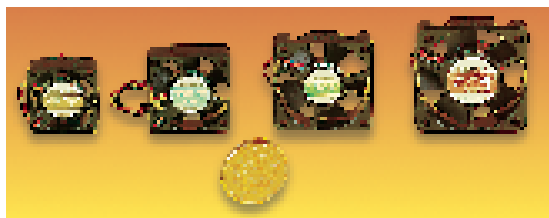


Axial Flow Fans - Low Voltage dc

Miniature, 'Ultraslim'



25mm 30mm 35mm 40mm

- 25, 30, 35 and 40mm ultra slim fans
- Ideally suited for precision cooling
- Patented Single - coil brushless 8 pole motor design
- Locked rotor protection
- Low power consumption
- Fitted with precision ball bearings
- **UL and TUV approved**

Voltage Vdc	Power Watts	Airflow cu. ft/min	Airflow ltrs/sec	Noise dB(A)@ 1m	Mfrs. List No.	Order Code
12 ±15%	0.72	2.0	0.9	24	KDE1202PFB2	899-872
12 ±15%	0.84	3.0	1.4	20.5	KDE1203PFB2	899-884
12 ±15%	0.84	4.5	2.1	21	KDE1235PFB2	899-896
12 ±15%	0.6	6.2	2.9	24.5	KDE1204PFB2	899-902

FM67

Dimensions			Voltage	Order Code	Price Each					
H	W	D	Vdc		1+	10+	25+	50+	100+	250+
2.5	2.5	1.0	12	899-872						
3.0	3.0	1.0	12	899-884						
3.5	3.5	1.0	12	899-896						
4.0	4.0	1.0	12	899-902						

'Ultraslim' Round



Dia = 39, D = 12

- Miniature 39mm diameter profile
- Brushless, low noise
- Can be directly mounted in a tube or in apparatus where space is limited
- Glass fibre reinforced plastic housing
- Reverse polarity protected
- 290mm leaded connection



Voltage Vdc	Power Watts	Airflow cu ft/min	Airflow ltrs/sec	Noise dBA @ 1m	Mfrs. List No	Order Code
12	0.756	4.41	2.08	18	F39MM-012-XK-9	320-2173
24	0.864	4.94	2.33	20	F39MM-024-XK-9	320-2185

FM102

			Price Each				
Voltage	Order Code		1+	10+	25+	50+	100+
12V	320-2173						
24V	320-2185						

Miniature, Tube Fans



24mm 36mm 48mm 60mm

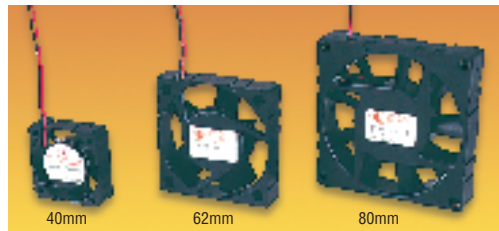
- Brushless, low noise
- Sleeved bearings
- Black reinforced plastic housing and impeller
- Supplied with 200mm flying leads

Voltage Vdc	Power Watts	Airflow cu ft/min	Airflow ltrs/sec	Noise dBA @ 1m	Mfrs. List No	Order Code
24mm Dia						
6	0.19	1.77	0.83	33	D241L-066GK-1	320-2343
12	0.26	2.12	1.0	38	D241L-012GK-1	320-2355
36mm, Dia						
12	0.96	9.74	4.60	46	D341T-012GK-1	320-2367
12	0.96	9.74	4.60	46	D341T-024GK-1	320-2379
48mm Dia						
12	3.5	22.38	10.56	53	D481T-012KA-3	320-2380
24	2.9	20.12	9.50	51	D481T-024KA-3	320-2392
60mm, Dia						
12	6.68	42.1	19.86	57	D601T-012KA-3	320-2409
24	5.54	40.4	19.05	56	D601T-024KA-3	320-2410

Dimensions Dia x D	Voltage VDC	Order Code	1+	10+	25+	50+	100+
24x30	6	320-2343					
24x30	12	320-2355					
36x36	12	320-2367					
36x36	24	320-2379					
48x60	12	320-2380					
48x60	24	320-2392					
60x60	12	320-2409					
60x60	24	320-2410					

FM103

'Ultra Slim'



40mm 62mm 80mm

- Brushless, low noise 'ultra slim' fans
- Glass-fibre reinforced plastic housing
- Reverse polarity protected
- 80mm 12 and 24V fans are suitable for both AC and DC operators

Life expectancy >30,000 hours (sleeved bearings (SB))
>30,000 hours (ball bearings (BB))

Voltage	Power Watts	Air Flow cu ft/min	Air Flow ltrs/sec	Noise dBA@1m	Operating Temp °C	Lead Length	Bearing Type	Mfrs. List No.	Order Code
40mm									
5V dc	0.7	6.1	2.9	21	-20 to +60	300	BB	F41MM-005XK-9	224-364
12V dc	1.0	6.1	2.9	21	-20 to +60	300	BB	F41MM-012XK-9	224-376
24V dc	1.3	6.1	2.9	21	-20 to +60	300	BB	F41MM-024XK-9	224-388
62mm									
5V dc	0.8	14.8	7.0	25	-10 to +65	320	SB	F62MM-005GK-0	224-390
12V dc	1.1	14.8	7.0	25	-10 to +65	320	SB	F62MM-012GK-0	224-406
24V dc	1.2	14.8	7.0	25	-10 to +65	320	SB	F62MM-024GK-0	224-418
80mm									
5V dc	1.3	21.2	10.0	32	-20 to +65	200	SB	F75EM-005CK-B	151-077
12V ac/dc	1.5	21.2	10.0	32	-20 to +65	200	SB	F75EM-012CK-0	151-078
24V ac/dc	1.4	21.2	10.0	32	-20 to +65	200	SB	F75EM-024CK-0	151-079

	40mm	62mm	80mm
Height	41	62	80
Width	41	62	80
Depth	12	14	18
Cut-out ∅	39	59	75
Fix. Centres ∅	32 32	50 50	71.5 71.5
Fix. Centres ∅	3.5	4.0	4.0

FM5

			Price Each				
40mm	Voltage	Order Code	1+	10+	25+	50+	100+
40mm	5V	224-364					
	12V	224-376					
	24V	224-388					
62mm	5V	224-390					
	12V	224-406					
	24V	224-418					
80mm	5V	.151-077					
	12Vac/dc	.151-078					
	24Vac/dc	.151-079					

Continued

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