

▲干式交流滤波电容 AC filter capacitor (Dry type)

▲特点 Features

- 适用于电力电子设备、UPS 电源中的交流滤波电路，承受较高的纹波电流及峰值电流、电压
- 具有优良的自愈特性
- 高稳定性，可靠性
- 干式设计，安装方式灵活
- The capacitors particularly suit for AC filter circuit in power electric equipment and UPS power unit. They have ability to withstand high r.m.s current and high peak voltage.
- Self-healing property.
- Excellent stable performance and reliability.
- Dry type design, installation is more flexible

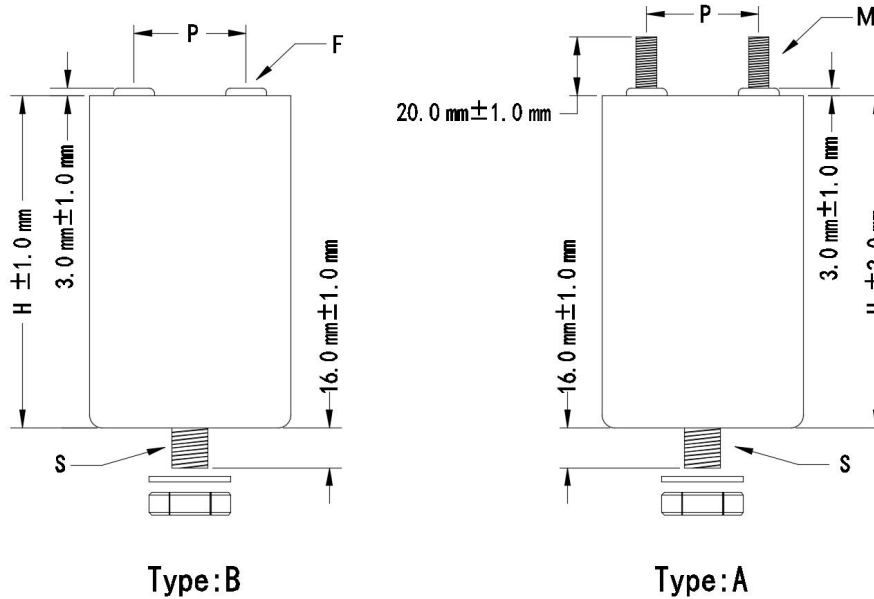
▲技术要求 Specifications

引用标准 Reference standards	GB/T 17702 (IEC 61071)
额定电压 (方均根值) Rated Voltage (Urms)	250Vac~~1400Vac
额定频率 Rrted frequency (fn)	50/60Hz
电容偏差值 capacitance tolerance	±5%, ±10%
极间耐压 Test voltage between terminals , (UT-T)	2.15Urms , 10s
极壳耐压 Test voltage between terminals to case , (UT-c)	3000Vac , 10s
损耗角正切值 Dissipation factor (tg δ) @50Hz	≤0.0010
气候类别 Climatic category	40/70/21
可运行温度范围 Operating temperature range	-40°C~85°C (Hotspot temperature)
防护等级 Degree of protection	IP00
预期寿命 Life Expectancy	After 60000 hours at Urms. 50°C/△C/C≤5%
安装位置 Mounting position	任意方向 Any position
冷却方式 Cooling	自然空气或强制制冷 Naturally air-cooled or force cooled

▲型号编码 Part Numbering System

125	FB*	306	K	5555
Voltage	Type	Capacitance	Tolerance	Size
125=250vac	FBA	305=3uf	K= ±10%	D55*L55mm
133=330vac	FBB	306=30uf	J= ±5%	
145=450vac		307=300uf		

▲外形图/Outline drawing



Case	Output					Stud mounting	
	M	Torque	F	Torque	P	S	Torque
D=55	M8×20	8.5N.M Max	M5×8	2.5N.M Max	22	M10×12	6.0N.M Max
D=60 , 65			M5×8		28	M12×16	8.0N.M Max
D=76 , 86			M6×8	4.5N.M Max	32		
D=96			M6×10		45		
D=116, 136					50		

▲Technical Data

Ordering Code	Cap (μF)	D (mm)	H (mm)	P (mm)	I _{rms} @45℃ @10Khz(A)	ESR@1.0k Hz(m Ω)	RTH (k/w)	Weight (kg)
Urms 250VAC					Upeak 360V			
125FB*306K5555	30	55	55	22	28	2.9	9.6	0.20
125FB*506K6070	50	60	70	22	30	3.1	8.0	0.23
125FB*606K6570	60	65	70	28	32	2.8	7.4	0.25
125FB*706K6570	70	65	70	28	35	2.6	7.0	0.30
125FB*107K55125	100	55	125	28	45	2.3	4.8	0.40
125FB*127K60125	120	60	125	28	48	2.1	4.5	0.45
125FB*137K65125	130	65	125	28	50	2.1	4.2	0.50
125FB*157K76125	150	76	125	32	54	1.9	3.6	0.75
125FB*207K86125	200	86	125	32	60	1.8	3.2	0.95
125FB*257K76180	250	76	180	32	69	1.7	2.5	1.00
125FB*357K86180	350	86	180	32	75	1.6	2.2	1.30

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Ordering Code	Cap (μF)	D (mm)	H (mm)	P (mm)	Irms@45℃ @10Khz(A)	ESR@1.0kHz z(mΩ)	RTH (k/w)	Weight (kg)
Urms 330VAC					Upeak 470V			
133FB*156K5555	15	55	55	22	25	3.6	9.6	0.20
133FB*256K5570	25	55	70	22	26	4.0	8.0	0.23
133FB*336K6070	33	60	70	28	30	3.4	7.4	0.25
133FB*406K6570	40	65	70	28	32	2.9	7.1	0.30
133FB*506K55125	50	55	125	22	41	2.7	4.8	0.40
133FB*656K60125	65	60	125	28	45	2.4	4.5	0.45
133FB*756K65125	75	65	125	28	48	2.3	4.2	0.50
133FB*826K7670	82	76	70	32	30	2.5	5.2	0.39
133FB*107K76125	100	76	125	32	53	1.9	3.6	0.75
133FB*127K76115	120	76	115	32	56	1.8	3.8	0.70
133FB*137K86125	130	86	125	32	59	1.9	3.2	0.95
133FB*157K76180	150	76	180	32	68	1.8	2.5	1.00
133FB*207K86180	200	86	125	32	74	1.8	2.2	0.95
133FB*227K86125	220	86	125	32	56	1.2	3.4	0.95
133FB*277K86145	270	86	145	32	54	1.3	3.2	1.80
133FB*337K86180	330	86	180	32	71	1.1	2.8	1.40
133FB*477K116150	470	116	150	50	80	1.1	2.1	2.10
133FB*637K116185	630	116	185	50	100	1.1	1.9	2.40
133FB*827K136185	820	136	185	50	100	1.0	1.6	3.40
Urms 400VAC					Upeak 560V			
140FB*126K5555	12	55	55	22	25	3.6	9.6	0.20
140FB*156K5570	15	55	70	22	24	4.8	8.0	0.23
140FB*206K6070	20	60	70	28	27	3.9	7.4	0.25
140FB*256K6570	25	65	70	28	30	3.5	6.9	0.30
140FB*336K55125	33	55	125	22	39	2.9	4.8	0.40
140FB*336K5580	33	55	80	22	39	2.9	4.8	0.30
140FB*406K60125	40	60	125	28	42	2.7	4.5	0.45
140FB*506K65125	50	65	125	28	46	2.4	4.2	0.50
140FB*706K76125	70	76	125	32	52	2.1	3.6	0.75
140FB*906K86125	90	86	125	32	58	2.0	3.2	0.95
140FB*107K76180	100	76	180	32	66	1.9	2.5	1.00
140FB*107K65145	100	65	145	28	65	1.9	2.4	0.60
140FB*107K76145	100	76	145	32	66	1.9	2.5	0.80
140FB*107K60120	100	60	120	28	68	1.9	2.5	0.55
140FB*137K86180	130	86	180	32	72	1.8	2.2	1.30
140FB*207K76145	200	76	145	32	80	1.6	2.2	0.80
140FB*207K86180	200	86	180	32	83	1.5	2.0	1.30
140FB*507K116295	500	116	295	32	172	1.0	1.1	3.15

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Urms 450VAC					Upeak 635V			
145FB*126K5570	12	55	70	22	24	4.9	8.0	0.23
145FB*156K6070	15	60	70	28	26	4.3	7.4	0.25
145FB*186K6570	18	65	70	28	29	3.8	7.0	0.30
145FB*226K55125	22	55	125	22	36	3.4	4.8	0.40
145FB*276K60125	27	60	125	28	40	3.0	4.5	0.45
145FB*336K65125	33	65	125	28	43	2.7	4.2	0.50
145FB*506K7670	50	76	70	32	35	2.9	5.4	0.40
145FB*606K7680	60	76	80	32	34	3.1	5.1	0.46
145FB*706K8670	70	86	70	32	41	2.4	4.5	0.50
145FB*806K8680	80	86	80	32	40	2.6	4.3	0.57
145FB*906K76125	90	76	125	32	69	1.9	2.2	0.72
145FB*107K76125	100	76	125	32	49	1.6	4.1	0.72
145FB*127K76145	120	76	145	32	49	1.8	3.8	0.83
145FB*137K86125	130	86	125	32	56	1.5	3.5	0.91
145FB*157K86150	150	86	150	32	43	2.3	2.9	1.10
145FB*187K96150	180	96	150	45	74	1.0	2.3	1.25
145FB*207K96150	200	96	150	45	63	1.4	2.9	1.25
145FB*277K116180	270	116	180	50	67	1.4	2.0	2.40
145FB*337K116215	330	116	215	50	89	0.9	1.8	2.70
145FB*397K136185	390	136	185	50	100	0.6	1.6	3.40
Urms 500VAC					Upeak 710V			
150FB*456K7670	45	76	70	32	34	3.0	5.4	0.40
150FB*556K7680	55	76	80	32	32	3.2	5.1	0.45
150FB*606K8670	60	86	70	32	40	2.5	4.5	0.50
150FB*726K8680	72	86	80	32	39	2.7	4.3	0.57
150FB*906K76125	90	76	125	32	49	1.7	4.1	0.72
150FB*107K76225	100	76	225	32	53	2.6	5.0	1.20
150FB*117K76145	110	76	145	32	49	1.6	3.8	0.83
150FB*127K86125	120	86	125	32	56	1.5	3.5	0.90
150FB*137K86225	133	86	225	32	60	2.5	4.8	1.50
150FB*157K86145	150	86	145	32	56	1.5	3.3	1.03
150FB*157K86225	150	86	225	32	64	2.5	4.5	1.50
150FB*187K96150	180	96	150	45	63	1.4	2.9	1.24
Urms 550VAC					Upeak 780V			
155FB*186K7670	18	76	70	32	30	2.8	5.2	0.40
155FB*226K7670	22	76	70	32	29	3.4	4.9	0.40
155FB*276K7670	25	76	70	32	38	3.1	5.4	0.40
155FB*336K7680	30	76	80	32	37	3.1	5.4	0.46

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Urms 550VAC Upeak 780V								
155FB*396K7695	40	76	95	32	37	3.1	4.7	0.53
155FB*476K76125	50	76	125	32	53	1.6	4.1	0.72
155FB*566K76145	60	76	145	32	53	1.6	3.8	0.83
155FB*686K86125	68	86	125	32	60	1.4	3.5	0.89
155FB*826K86145	82	86	145	32	60	1.4	3.3	1.04
155FB*117K86175	110	86	175	32	62	1.5	3.0	1.23
155FB*127K86180	120	86	180	32	97	0.8	1.9	1.35
155FB*147K96180	140	96	180	45	69	1.3	2.6	1.47
155FB*157K115150	150	116	150	50	86	1.2	2.0	1.88
155FB*167K116150	160	116	150	50	80	1.0	2.2	1.88
155FB*187K116180	180	116	180	50	99	0.6	1.8	2.25
155FB*207K116180	200	116	180	50	82	1.2	2.0	2.25
155FB*307K136260	300	136	260	50.0	100	1.0	1.3	4.60
Urms 690VAC Upeak 980V								
169FB*226K7680	22	76	80	32	35	3.6	5.1	0.45
169FB*286K7695	28	76	95	32	35	3.7	4.7	0.53
169FB*356K76125	35	76	125	32	51	1.8	4.1	0.71
169FB*446K76145	44	76	145	32	52	1.8	3.8	0.82
169FB*506K76145	50	76	145	32	48	3.5	1.8	0.82
169FB*586K86145	58	86	145	32	59	1.6	3.3	1.03
169FB*756K86175	75	86	175	32	59	1.6	3.0	1.24
169FB*806K86180	80	86	180	32	58	3.0	2.0	1.30
169FB*956K96180	95	96	180	45	66	1.5	2.6	1.48
169FB*107K116150	100	116	150	50	65	2.5	1.8	1.88
169FB*117K116150	110	116	150	50	78	1.2	2.2	1.88
169FB*147K116180	150	116	180	50	80	1.3	2.0	2.23
Urms 850VAC Upeak 1200V								
185FB*106K7670	10	76	70	32	31	5.7	5.4	0.41
185FB*226K7695	20	76	95	32	33	4.4	4.7	0.54
185FB*276K76125	27	76	125	32	50	2.0	4.1	0.71
185FB*346K86125	34	86	125	32	56	1.8	3.5	0.90
185FB*426K86145	42	86	145	32	57	1.8	3.3	1.03
185FB*506K86175	50	86	175	32	69	1.9	2.0	2.4
185FB*566K86175	56	86	175	32	58	1.8	3.0	1.23
185FB*706K96180	70	96	180	45	64	1.6	2.6	1.48
185FB*806K116150	80	116	150	50	77	1.3	2.2	1.89
185FB*107K116180	100	116	180	50	78	1.4	2.0	2.24

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Urms 1400VAC					Upeak1980V			
214FB*136K76175	13	76	175	32	50	4.0	3.4	1.05
214FB*166K86175	16	86	175	32	56	3.4	3.0	1.33
214FB*206K116150	20	116	150	50	44	3.6	2.1	2.10
214FB*276K116180	27	116	180	50	43	3.8	2.0	2.44
214FB*336K116180	33	116	180	50	78	2.1	2.0	2.44
214FB*376K136180	37	136	180	50	51	2.8	1.6	3.30
214FB*466K136180	46	136	180	50	90	1.7	1.7	3.30

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