

Type MPF AC Metallized Polypropylene Motor Run Capacitors



- Internal Protector
- Environmentally Safe
- Light Weight
- Small Size
- Long Life and High Reliability
- Double Rolled Seams
- Applications:
Lighting
Motors
Power Factor Correction
Phase Shifting
Air Conditioning
Refrigeration

GENERAL SPECIFICATIONS

Operating Temperature:
-40°C to +70°C (Case)
Voltage Range:
330, 370 and 440 VAC
Capacitance Range:
1 μ F to 80 μ F
Capacitance Tolerance:
 \pm 10%
Operating Frequency:
50 to 60 Hz
Dissipation Factor:
0.1% max @ 60 Hz
UL Recognized: Yellow Card
Number E65270
CSA Certified
Meets EIA RS-456 Char. E

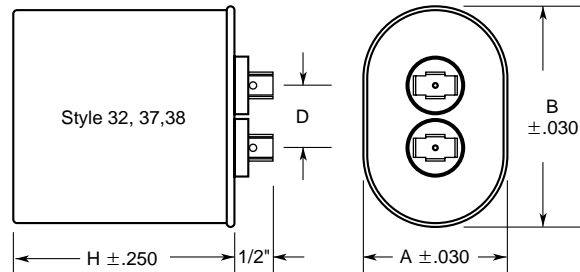
Round and Flat Oval Cans

Metallized polypropylene film dielectric capacitors offer a new option for alternating current applications. All devices have metal cases and 4-prong* quick disconnect terminals. These capacitors pack the same capacitance and voltage capabilities of a conventional paper capacitor into a smaller case of considerably lighter weight. In addition, these parts have extremely low dissipation factors. They offer high reliability and long life and meet EIA Standard RS-456 Characteristic 'E'. Allow 1/2 inch clearance above the terminals on fluid-filled capacitors for interrupter operation.

OUTLINE DIMENSIONS (MPF and MSF) (Inches)

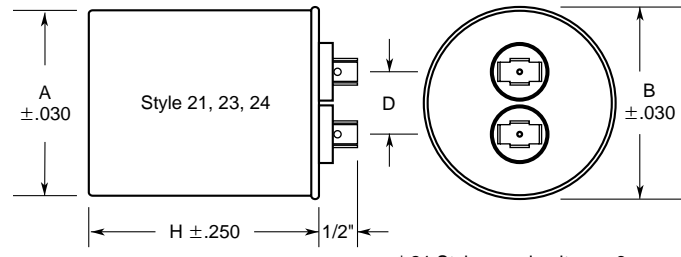
Flat Oval Containers					
Style	A	B	H	D	Industry Type
32	1-5/16	2-5/32	*	13/16	1-1/4 F.O.
37	1-29/32	2-29/32	*	13/16	1-3/4 F.O.
38	1-31/32	3-21/32	*	13/16	2 F.O.

* See Rating Tables for 'H' Dimension



Round Containers					
Style	A	B	H	D	Industry Type
21	1-3/4	1-7/8	*	13/16	1-3/4" Round
23	2	2-1/8	*	13/16	2" Round
24	2-1/2	2-5/8	*	13/16	2-1/2" Round

* See Rating Tables for 'H' Dimension



* 21 Style round units are 3-prong.

FLAT OVAL (SINGLE) STYLE

Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number
1	370	32	2.13	32FD3701
2	370	32	2.13	32FD3702
3	370	32	2.13	32FD3703
4	370	32	2.13	32FD3704
5	370	32	2.38	32FD3705
6	370	32	2.38	32FD3706
7.5	370	32	2.38	32FD37075
10	370	32	2.63	32FD3710
12.5	370	32	3.00	32FD37125
12.5	370	37	2.63	37FD37125
15	370	37	2.63	37FD3715
17.5	370	37	2.63	37FD37175
20	370	37	2.63	37FD3720
22.5	370	37	2.63	37FD37225
25	370	37	2.63	37FD3725
27.5	370	38	3.00	38FD37275
30	370	37	3.00	37FD3730
30	370	38	3.00	38FD3730

Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number
35	370	37	3.75	37FD3735
35	370	38	3.00	38FD3735
40	370	37	3.75	37FD3740
40	370	38	3.00	38FD3740
45	370	37	3.75	37FD3745
45	370	38	3.00	38FD3745
50	370	38	3.00	38FD3750
70	370	38	3.75	38FD3770
1	440	32	2.13	32FB4401
2	440	32	2.13	32FB4402
3	440	32	2.38	32FB4403
4	440	32	2.38	32FB4404
5	440	32	2.63	32FB4405
6	440	32	2.63	32FB4406
7.5	440	32	2.63	32FB44075
7.5	440	37	2.63	37FB44075
10	440	32	3.75	32FB4410

Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number
10	440	37	2.63	37FB4410
12.5	440	37	2.63	37FB44125
15	440	37	2.63	37FB4415
17.5	440	37	2.63	37FB44175
20	440	37	3.00	37FB4420
20	440	38	3.00	38FB4420
25	440	37	3.75	37FB4425
25	440	38	3.75	38FB4425
30	440	38	3.75	38FB4430
35	440	37	4.75	37FB4435
35	440	38	3.75	38FB4435
40	440	37	4.75	37FB4440
40	440	38	3.75	38FB4440
45	440	38	3.75	38FB4445
50	440	38	3.75	38FB4450
55	440	38	4.75	38FB4455
60	440	38	4.75	38FB4460

➤ Denotes a NEW Product

See pages 258 & 259 for capacitor hardware plus additional resistor choices.

ACR220KT Motor Run Resistor Kit



220K Ohm 1 watt bleeder resistor for AC motor run applications. Saves relay switch contacts and capacitor, particularly in capacitor start-run applications. 1/4" quick connect terminals eliminate need for soldering.

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FLAT OVAL (DUAL) STYLE

Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number	Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number	Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number
15+4	370	37	2.63	37FD371504	30+5	370	38	3.00	38FD373005	45+5	370	38	3.75	38FD374505
15+5	370	37	2.63	37FD371505	35+3	370	38	3.00	38FD373503	45+7.5	370	38	3.75	38FD3745075
15+10	370	37	2.63	37FD371510	35+4	370	38	3.00	38FD373504	45+10	370	38	3.75	38FD374510
20+5	370	37	2.63	37FD372005	35+5	370	38	3.00	38FD373505	25+5	440	37	3.00	37FB442505
20+15	370	38	2.63	38FD372015	40+5	370	38	3.75	38FD374005	30+5	440	38	3.75	38FB443005
25+5	370	38	2.63	38FD372505	40+7.5	370	38	3.75	38FD3740075	35+5	440	38	3.75	38FB443505

See pages 2XX & 2XX for Capacitor Hardware

ROUND STYLE

Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number	Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number	Cap μ F	VAC	Base Style	Height (Inches)	Catalog Number
3	330	23	2.63	23FD3303	25	370	21	3.00	21FD3725	▶ 80	370	24	4.75	24FD3780
4	330	23	2.63	23FD3304	25	370	23	3.00	23FD3725	15	440	21	2.63	21FB4415
5	330	23	2.63	23FD3305	30	370	21	3.00	21FD3730	20	440	21	3.00	21FB4420
6	330	23	2.63	23FD3306	30	370	23	3.00	23FD3730	20	440	23	3.00	23FB4420
7	330	23	2.63	23FD3307	35	370	21	3.75	21FD3735	22.5	440	21	3.00	21FB44225
8	330	23	2.63	23FD3308	35	370	23	3.00	23FD3735	22.5	440	23	3.00	23FB44225
10	330	23	2.63	23FD3310	40	370	21	3.75	21FD3740	25	440	21	3.75	21FB4425
3	370	21	2.63	21FD3703	40	370	23	3.00	23FD3740	25	440	23	3.0	23FB4425
4	370	21	2.63	21FD3704	45	370	23	3.75	23FD3745	30	440	23	3.75	23FB4430
5	370	21	2.63	21FD3705	45	370	24	3.00	24FD3745	30	440	24	3.00	24FB4430
6	370	21	2.63	21FD3706	50	370	23	3.75	23FD3750	35	440	23	3.75	23FB4435
7	370	21	2.63	21FD3707	50	370	24	3.00	24FD3750	35	440	24	3.00	24FB4435
8	370	21	2.63	21FD3708	55	370	23	3.75	23FD3755	40	440	23	3.75	23FB4440
10	370	21	2.63	21FD3710	55	370	24	3.00	24FD3755	40	440	24	3.75	24FB4440
12.5	370	21	2.63	21FD37125	60	370	23	3.75	23FD3760	45	440	24	3.75	24FB4445
15.0	370	21	2.63	21FD3715	60	370	24	3.00	24FD3760	50	440	24	3.75	24FB4450
17.5	370	21	2.63	21FD37175	65	370	24	3.75	24FD3765	55	440	24	3.75	24FB4455
20	370	21	2.63	21FD3720	70	370	24	3.75	24FD3770	▶ 70	440	24	4.75	24FB4470

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See pages 258 & 259 for capacitor hardware plus additional resistor choices.

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