

Type Z Lighting Capacitors, 90 °C Rated, Oil Filled

AC Rated, Oil Filled/Impregnated, Metallized Polypropylene Capacitors



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Specifications

Capacitance Range	5.0 μ F to 65 μ F
Capacitance Tolerance	$\pm 3\%$
Rated Voltage	240 Vac to 525 Vac
Operating Temperature Range with Ripple	-40 °C to +90 °C
Approval Certification	UL cUL

[RoHS Compliant](#)

Part Numbering System

Z	73	S	40	26	M	N
Type	Can Size	Impregnant	Voltage Ratings	Capacitance Code	Voltage/Capacity Descriptor	CDE Factory
Z	73 = 1.75" Rd 74 = 2" Rd 76 = 2.50" Rd 91 = 1.25" Oval 92 = 1.50" Oval 93 = 1.75" Oval 94 = 2.00" Oval 81 = 30 mm Rd 83 = 40 mm Rd 84 = 45 mm Rd 85 = 50 mm Rd	S = Epoxidized Soy Bean Oil W = Dry w/ wire A = Dry w/ QC	33 = 330 VAC 40 = 400 VAC	26 = 26 μ F 40 = 40 μ F	90°C Full Life 100°C Full Life 100°C Reduced Life	

Ratings

CAP (μ F)	CD-AERO P/N	BASE SIZE	CAN HEIGHT Inches (mm)
240 VAC, 90°C Case Temperature			
35	Z92S2435MN	B	3.75 (95.3)
40	Z92S2440MN	B	3.75 (95.3)
45	Z92S2445MN	B	3.75 (95.3)
52	Z92S2452MN	B	3.75 (95.3)
55	Z92S2455MN	B	3.75 (95.3)
300 VAC, 90°C Case Temperature			
5	Z91S3005MN	A	2.19 (55.6)
6	Z91S3006MN	A	2.19 (55.6)
12	Z91S3012MN	A	2.88 (73.2)
14	Z92S3014MN	B	2.75 (69.9)
28	Z93S3028MN	C	3.13 (79.5)
330 VAC, 90°C Case Temperature			
7	Z91S3307MN	A	2.19 (55.6)
8	Z91S3308MN	A	2.19 (55.6)
10	Z91S3310MN	A	2.69 (68.3)
12	Z91S3312MN	A	2.88 (73.2)
14	Z91S3314MN	A	2.88 (73.2)
16	Z91S3316MN	A	3.75 (95.3)
17.5	Z92S3317NN	B	3.13 (79.5)

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Oil-Filled, Oval Metal Case

Rated for 60,000 hours

CAP (μF)	CD-AERO P/N	BASE SIZE	CAN HEIGHT Inches (mm)
330 VAC, 90°C Case Temperature			
24	Z93S3324MN	C	2.75 (69.9)
26	Z93S3326MN	C	3.13 (79.5)
29	Z93S3329MN	C	3.13 (79.5)
30	Z93S3330MN	C	3.13 (79.5)
34	Z93S3334MN	C	3.13 (79.5)
35	Z93S3335MN	C	3.13 (79.5)
48	Z93S3348MN	C	3.88 (98.6)
400 VAC, 90°C Case Temperature			
10	Z92S4010MN	B	2.75 (69.9)
15	Z93S4015MN	C	2.75 (69.9)
21	Z93S4021MN	C	3.13 (79.5)
22.5	Z93S4022NN	C	3.13 (79.5)
24	Z93S4024MN	C	3.13 (79.5)
480 VAC, 90°C Case Temperature			
3	Z91S4803MN	A	2.25 (57.2)
4	Z91S4804MN	A	2.69 (68.3)
5	Z91S4805MN	A	2.88 (73.2)
6	Z92S4806MN	B	2.75 (69.9)
10	Z92S4810MN	B	2.75 (69.9)
12	Z93S4812MN	C	3.13 (79.5)
15	Z92S4815MN	B	3.75 (95.3)
20	Z93S4820MN	C	3.75 (95.3)
21	Z93S4821MN	C	3.75 (95.3)
22	Z93S4822MN	C	3.88 (98.6)
24	Z93S4824PN	C	3.88 (98.6)
26	Z93S4826MN	C	3.88 (98.6)
28	Z93S4828PN	C	3.88 (98.6)
525 VAC, 90°C Case Temperature			
16	Z93S55216NN	C	3.13 (79.5)
24	Z93S55224NN	C	4.25 (108.0)
26	Z93S55226NN	C	4.25 (108.0)
26	Z94S55226NN	D	2.88 (73.2)
32	Z93S55232NN	C	4.75 (120.7)
32	Z94S55232NN	D	3.75 (95.3)

CAP (μF)	CD-AERO P/N	BASE SIZE	CAN HEIGHT Inches (mm)	VAC
400-525 VAC, 100°C Case Temperature				
24	Z94S4024BN	D	3.25 (82.6)	400
24	Z94S4824BN	D	3.75 (95.3)	480
21	Z94S5221JN	D	3.75 (95.3)	525
26	Z94S5226JN	D	3.75 (95.3)	525

Oil-Filled, Round Metal Case

Rated for 60,000 hours

CAP (μF)	CD-AERO P/N	BASE SIZE	CAN HEIGHT Inches (mm)
300 VAC, 90°C Case Temperature			
8	Z73S3008MN	P	2.17 (55.1)
14	Z73S3014MN	P	2.38 (60.5)
22.5	Z73S3022NN	P	2.88 (73.2)
330 VAC, 90°C Case Temperature			
5	Z73S3305MN	P	2.25 (57.2)
7	Z73S3307MN	P	2.88 (73.2)
12	Z73S3312MN	P	2.38 (60.5)
14	Z73S3314MN	P	2.88 (73.2)
28	Z73S3328MN	P	3.15 (80.0)
400 VAC, 90°C Case Temperature VAC			
10	Z73S4010MN	P	2.38 (60.5)
15	Z73S4015MN	P	2.88 (73.2)
22.5	Z73S4022NN	P	3.75 (95.3)
24	Z73S4024MN	P	3.75 (95.3)
480 VAC, 90°C Case Temperature			
10	Z73S4810MN	P	2.88 (73.2)
24	Z74S4824MN	S	3.25 (82.6)
24	Z76S4824MN	T	3.15 (80.0)
525 VAC, 90°C Case Temperature			
26	Z74S5226NN	S	4.75 (120.7)
32	Z74S5232NN	S	4.92 (125.0)
32	Z76S5232NN	T	3.55 (90.2)

CAP (μF)	CD-AERO P/N	BASE SIZE	CAN HEIGHT Inches (mm)	VAC
400-480 VAC, 100°C Case Temperature				
10	Z73S4010BN	P	2.38 (60.5)	400
15	Z73S4015BN	P	3.25 (82.6)	400
24	Z74S4024BN	S	3.75 (95.3)	400
24	Z74S4824BN	S	4.25 (108.0)	480

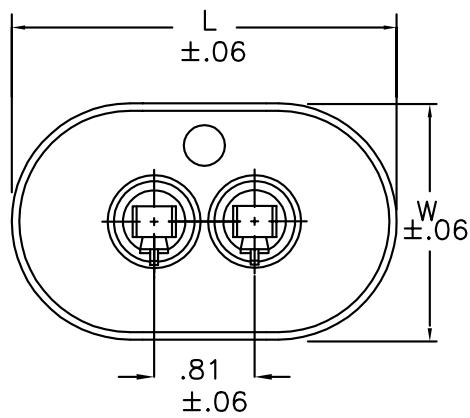
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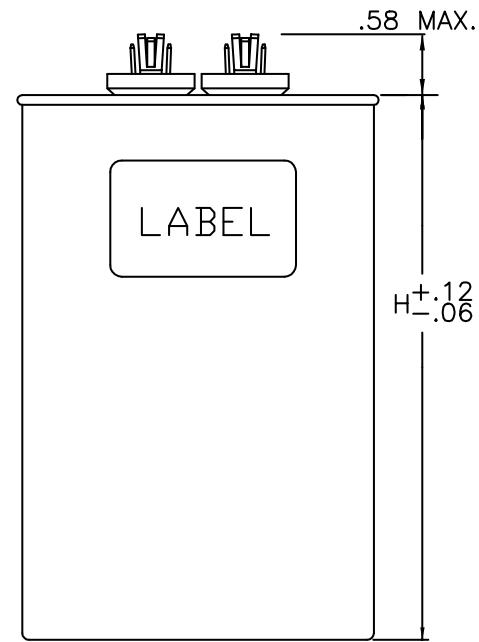
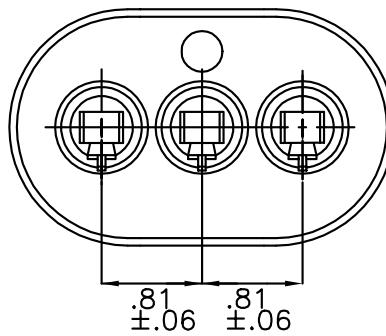
Oval Oil-Filled Case Sizes

Base Size	Description	L Inches	W Inches
A	1 1/4" Oval	2.16	1.31
B	1 1/2" Oval	2.69	1.56
C	1 3/4" Oval	2.91	1.91
D	2" Oval	3.66	1.97

Oval Single Cover Configuration



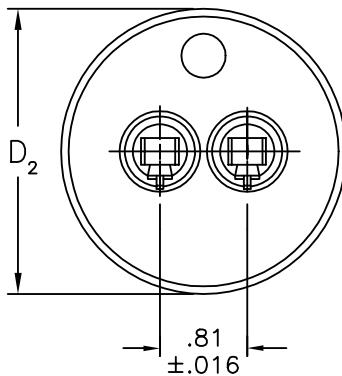
Oval Dual Cover Configuration



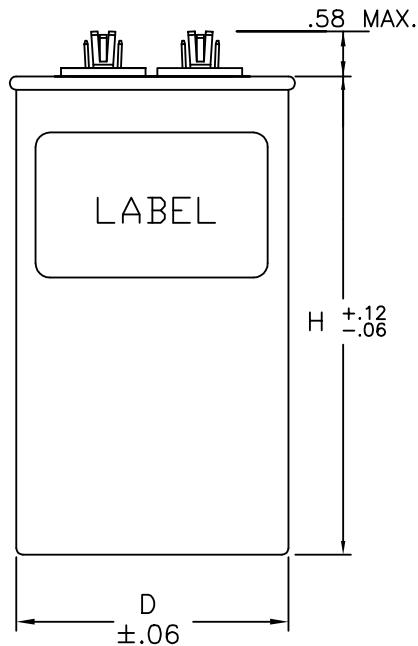
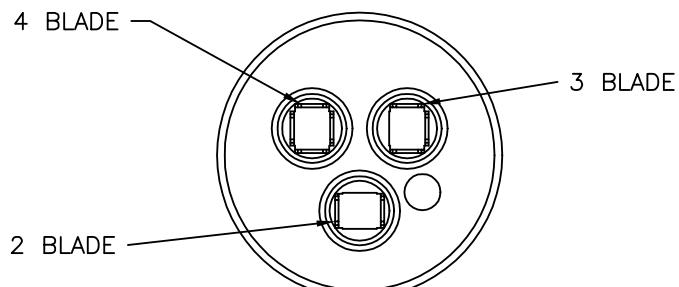
Round Oil-Filled Case Sizes

Base Size	Description	D Inches	D ₂ Inches
P	1 3/4" Round	1.75	1.87
S	2" Round	2.00	2.12
T	2 1/2" Round	2.50	2.62

Round Single Cover Configuration



Round Dual Cover Configuration



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