

# AC Motor Capacitors



- Round, oil-filled aluminum cases
- Long life, rated for 60,000 hour duty at 70°C
- Ratings available with discharge resistors and mounting studs
- UL, cUL Certifications
- Custom Designs Available Upon Request

## GENERAL SPECIFICATIONS

Operating Temperature:

- 40°C to +70°C

AC Voltage Range:

150VAC to 660VAC

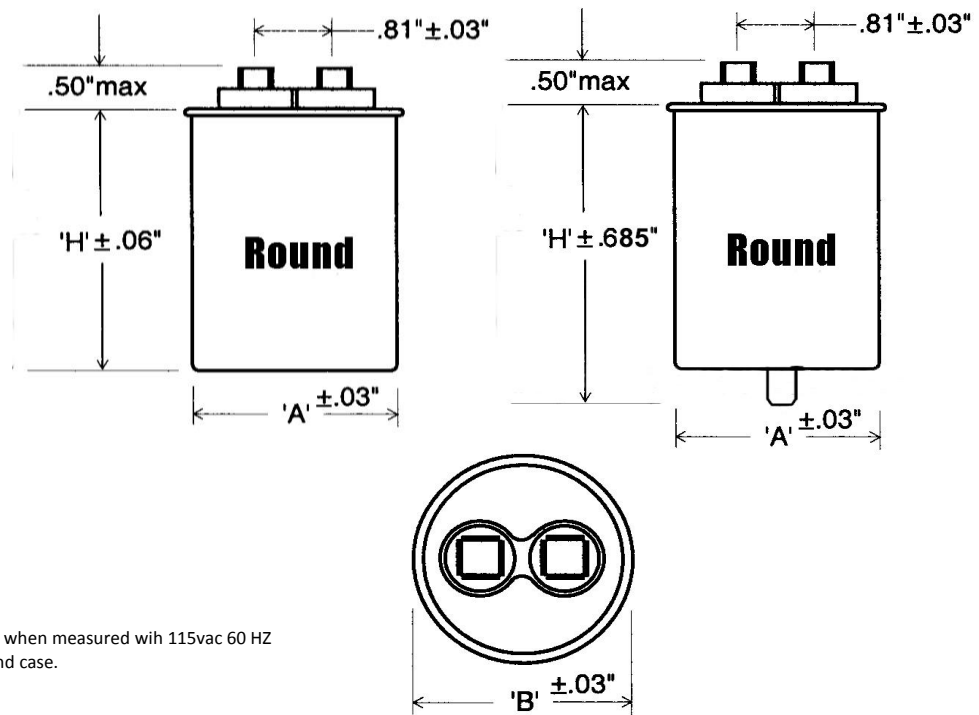
Capacitance Range: 10μF to 120μF

Capacitance Tolerance:

-5% +5% (150-660 VAC)

Leakage Current:

The leakage current shall not exceed 30 microamps when measured with 115vac 60 HZ applied between the shorted capacitor terminals and case.



## Round Oil-Filled Can Sizes

Base Size	Description	(A) Inches	(B) Inches
R	1¾" Round	1.75	1.87
S	2½" Round	2.50	2.62
T	2" Round	2.00	2.13

QA Stability Test:

Apply for 60,000 hours at 70°C

- Capacitance change ≤ 10% from initial limits
- DC leakage current meets initial limits
- ESR ≤ 175% of initial measured value

# Metallized Propylene Capacitors for UPS Applications

NationCap

Voltage Range	Capacitance( $\mu$ F)	Can Style	Can Code	Can Height (Inch)
<b>150VAC; 240VAC; 370VAC; 440VAC; 535VAC; 580VAC; 600VAC; 660VAC</b>	10	1.75" Round	R	2.36 Inch
	15	1.75" Round	R	3.75 Inch
	15	1.75" Round	R	2.13 Inch
	17.5	1.75" Round	R	2.13 Inch
	20	1.75" Round	R	2.13 Inch
	20	1.75" Round	R	2.36 Inch
	20	2.50" Round	S	3.54 Inch
	20	1.75" Round	R	2.75 Inch
	21	1.75" Round	S	3.15 Inch
	25	1.75" Round	R	2.13 Inch
	25	2.50" Round	S	3.31 Inch
	25	1.75" Round	R	2.56 Inch
	28	2.50" Round	S	3.75 Inch
	30	2.50" Round	S	3.75 Inch
	30	1.75" Round	R	2.88 Inch
	30	2.50" Round	S	4.75 Inch
	30	1.75" Round	R	3.13 Inch
	30	2.50" Round	S	2.95 Inch
	35	1.75" Round	R	2.88 Inch
	40	2.00" Round	T	2.88 Inch
	40	1.75" Round	R	3.75 Inch
	40	2.50" Round	S	4.50 Inch
	40	2.50" Round	S	4.75 Inch
	45	1.75" Round	R	2.88 Inch
	45	1.75" Round	R	4.75 Inch
	45	2.00" Round	T	3.88 Inch
	45	2.50" Round	R	4.75 Inch
	46	2.50" Round	S	4.75 Inch
	50	2.50" Round	R	3.88 Inch
	50	1.75" Round	R	4.75 Inch
	50	1.75" Round	R	3.75 Inch
	50	2.00" Round	T	3.88 Inch
	56	2.50" Round	S	3.75 Inch
	56	2.50" Round	S	4.50 Inch
	60	2.50" Round	S	2.88 Inch
	60	2.50" Round	S	3.75 Inch
	60	2.00" Round	T	4.75 Inch
	60	1.75" Round	R	3.88 Inch
	60	2.50" Round	R	4.75 Inch
	70	2.50" Round	S	4.33 Inch
	70	2.50" Round	S	6.69 Inch
	70	1.75" Round	R	4.75 Inch
70	2.50" Round	S	3.88 Inch	
75	2.50" Round	S	4.75 Inch	
80	2.00" Round	T	3.88 Inch	
80	2.50" Round	S	3.88 Inch	
80	2.00" Round	T	3.88 Inch	
90	2.00" Round	T	4.75 Inch	
90	2.50" Round	S	4.75 Inch	
92	2.50" Round	S	7.50 Inch	
100	2.00" Round	T	4.75 Inch	
100	2.50" Round	S	4.75 Inch	
120	1.75" Round	S	3.95 Inch	
120	2.50" Round	S	4.92 Inch	

Consult for ratings and sizes not listed