

Construction

Metallized polypropylene film

Applications

For general sine wave applications

Mainly as motor run capacitor

Features

Self-healing properties

Low dissipation factor

Mounting Part

Threaded stud at bottom of can (M8)



Illustrative Image

Specifications

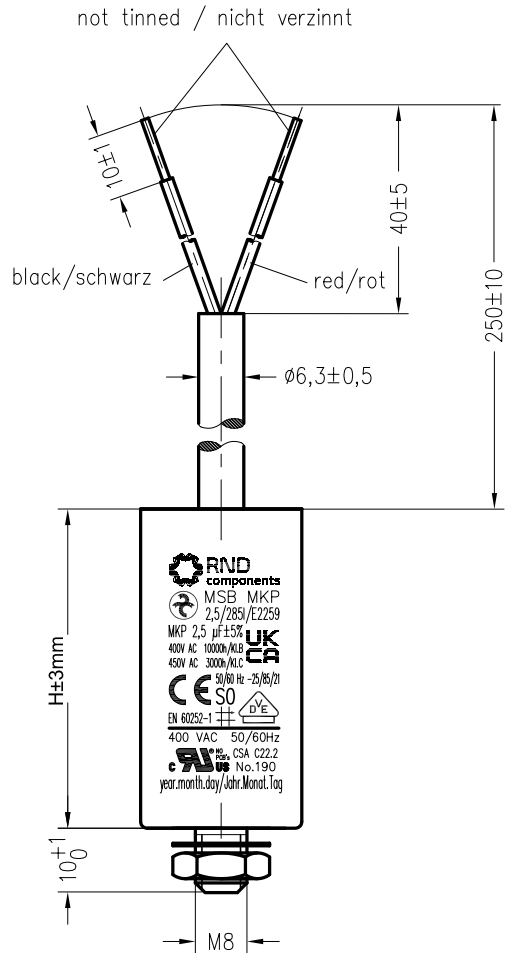
Capacitance Tolerance	±5% (J)
Rated Voltage	450VAC
Rated Frequency	50~60Hz
Max Allowable Operating Voltage	1.1 x Un
Max Allowable Operating Current	1.3 x In
Climatic Category	25/85/21
Test Voltage Terminal / Terminal	2 x UN; 50 Hz; 2 s
Test Voltage Terminal / Case	2 kV; 50 Hz; 2 s
Case	PP green plastic
Leads	250#
Creepage Distance	≥ 9 mm
Clearance	≥ 7 mm
Temperature Range	- 25°C ... 85°

Part Number Code (example)

RND 150CBB60 0.47UF 450VCB
A B C

A: Type of Product Motor Capacitor
B: Capacitance 0.47 μF
C: Rated Voltage AC 450 V

Dimensional Drawing



Ordering Codes

Cap (µF)		2	2.5	3	4	5	6	8	10	12	16	20	25
Dimension (mm)	D	30	30	30	30	30	30	34	34	34	40	42	40
	H	55	55	55	55	60	60	60	60	70	70	72.5	93

UL 2* (20#) Sheathing line

Cap (µF)		80	90	100	125
Dimension (mm)	D	60	60	65	65
	H	120	120	120	132

UL 2* (16#) Sheathing line

Cap (µF)		30	40	50	60	70
Dimension (mm)	D	42	50	50	50	55
	H	92.5	92.5	92.5	130	93

UL 2* (18#) Sheathing line

Motor Capacitors with Cable, 50-60Hz

Product Range:

Part Number	Capacitance	Diameter (D)	Length (L)
RND 150CBB602.5UF450VCB	2.5 μ F	30 mm	55 mm
RND 150CBB603UF450VCB	3 μ F	30 mm	55 mm
RND 150CBB605UF450VCB	5 μ F	30 mm	60 mm
RND 150CBB606UF450VCB	6 μ F	30 mm	60 mm
RND 150CBB6070UF450VCB	70 μ F	55 mm	93 mm
RND 150CBB6080UF450VCB	80 μ F	50 mm	120 mm
RND 150CBB608UF450VCB	8 μ F	34 mm	60 mm
RND 150CBB6010UF450VCB	10 μ F	34 mm	60 mm
RND 150CBB6012UF450VCB	12 μ F	34 mm	70 mm
RND 150CBB6016UF450VCB	16 μ F	40 mm	70 mm
RND 150CBB6020UF450VCB	20 μ F	42 mm	73 mm
RND 150CBB6025UF450VCB	25 μ F	43 mm	93 mm
RND 150CBB602UF450VCB	2 μ F	30 mm	55 mm
RND 150CBB6030UF450VCB	30 μ F	42 mm	93 mm
RND 150CBB6040UF450VCB	40 μ F	45 mm	93 mm
RND 150CBB604UF450VCB	4 μ F	30 mm	55 mm
RND 150CBB6050UF450VCB	50 μ F	50 mm	108 mm
RND 150CBB6060UF450VCB	60 μ F	50 mm	120 mm