

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°C

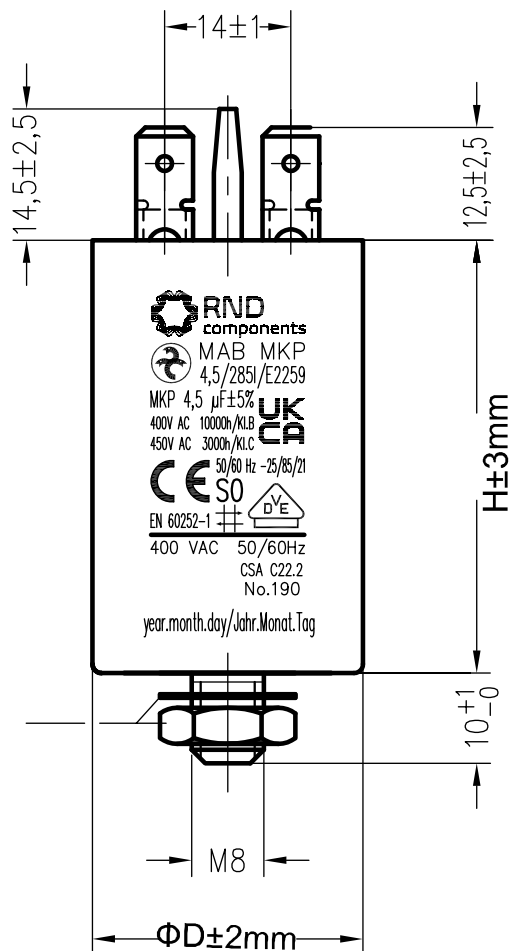
Part Number Code (example)

RND 150CBB60 0.47UF 450VB
A B C

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

Motor Capacitors 50-60Hz

Dimensional Drawing



Ordering Codes

Cap (µF)	0.47	1	1.5	2	2.5	3	3.5	4	4.5	5	6	6.3
Dimension (mm)	D	30	30	30	30	30	30	30	30	30	30	30
	H	55	55	55	55	55	55	55	58	60	60	60

Cap (µF)	7.5	8	10	12	14	15	16	18	20	25	30	35
Dimension (mm)	D	34	34	34	34	34	34	34	42	40	42	45
	H	60	60	60	70	70	70	70	72.5	93	92.5	92.5

Cap (µF)	40	50	60	70	80	100
Dimension (mm)	D	50	50	55	60	65
	H	92.5	108	130	120	120

Product Range:

Part Number	Capacitance	Diameter (D)	Length (L)
RND 150CBB601.5UF450VB	1.5 μ F	30 mm	55 mm
RND 150CBB6010UF450VB	10 μ F	34 mm	60 mm
RND 150CBB6012UF450VB	12 μ F	34 mm	70 mm
RND 150CBB6014UF450VB	14 μ F	36 mm	70 mm
RND 150CBB6015UF450VB	15 μ F	40 mm	70 mm
RND 150CBB6016UF450VB	16 μ F	40 mm	70 mm
RND 150CBB6018UF450VB	18 μ F	40 mm	70 mm
RND 150CBB601UF450VB	1 μ F	30 mm	55 mm
RND 150CBB602.5UF450VB	2.5 μ F	30 mm	55 mm
RND 150CBB6020UF450VB	20 μ F	42 mm	73 mm
RND 150CBB6025UF450VB	25 μ F	40 mm	93 mm
RND 150CBB602UF450VB	2 μ F	30 mm	55 mm
RND 150CBB603.5UF450VB	3.5 μ F	30 mm	55 mm
RND 150CBB6030UF450VB	30 μ F	42 mm	93 mm
RND 150CBB6035UF450VB	35 μ F	45 mm	93 mm
RND 150CBB603UF450VB	3 μ F	30 mm	55 mm
RND 150CBB604.5UF450VB	4.5 μ F	30 mm	55 mm
RND 150CBB6040UF450VB	40 μ F	50 mm	93 mm
RND 150CBB604UF450VB	4 μ F	30 mm	58 mm
RND 150CBB6050UF450VB	50 μ F	50 mm	108 mm
RND 150CBB605UF450VB	5 μ F	30 mm	60 mm
RND 150CBB606.3UF450VB	6.3 μ F	30 mm	60 mm
RND 150CBB6060UF450VB	60 μ F	50 mm	120 mm
RND 150CBB606UF450VB	6 μ F	30 mm	60 mm
RND 150CBB607.5UF450VB	7.5 μ F	34 mm	60 mm
RND 150CBB6070UF450VB	70 μ F	50 mm	120 mm
RND 150CBB6080UF450VB	80 μ F	50 mm	120 mm
RND 150CBB608UF450VB	8 μ F	34 mm	60 mm