SHARE®

Supplying CAPACITOR solutions with your needs in mind.

CBB60-1

AC Motor Run Capacitors -Epoxy enclosed

Features-

- Self-healing, metallized polypropylene film
- Epoxy enclosed
- Plastic shell , Moisture and Oil Resistant
- Voltages from 150 - 600 VAC
- Meets EN60252-1 Specifications
- UL Recognized Capacitors
- RoHS Compliant

General Specifications-

Operating Temperature:

-40 to +70°C (std.)
Higher temps available upon request.

Voltage Range:

150 - 600 VAC

Capacitance Range:

1 - 100μF

Capacitance Tolerance:

±5% (std.) - others available

Operating Frequency:

50 - 60Hz

Case Size:

Round Sizes

Termination:

1/4" Quick Disconnect Terminals (Std.)

Performance Specifications:

Meets Requirements of EN60252-1
GB/T3667.1 & UL 810,
RoHS Compliant

Product Description:

SHARE's CBB60 type are made of electical class metalized polyproylene film,complex high pure metalized electrode,dry fabric,flame-resistant plastic or aluminum shell and oxygen resin enveloped.The protection class is P2 and P0.And they have the characteristics of high cost performance,high pressure-resistant,long life and so on.Mainly used to starting and running of the AC motor,such as the water pump,washing machin,paper smash machine,tubular motor and so on.

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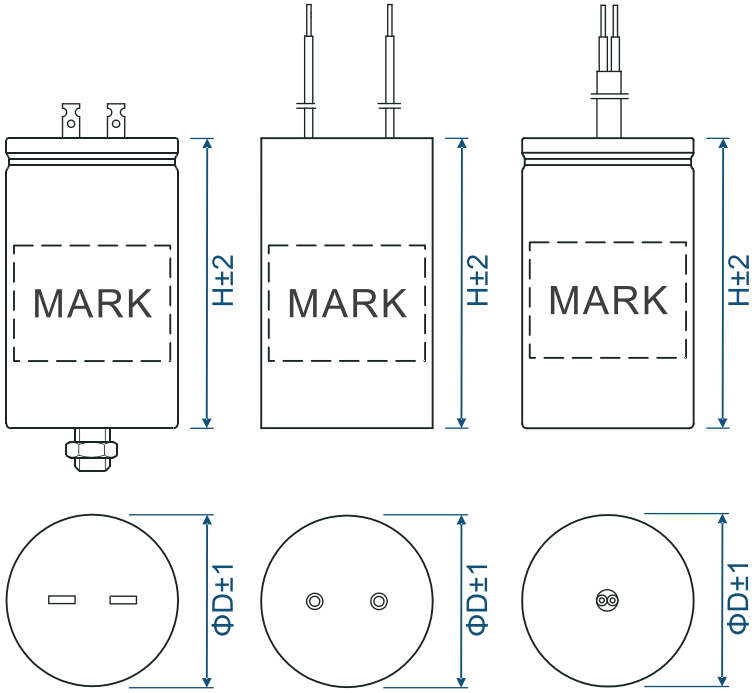
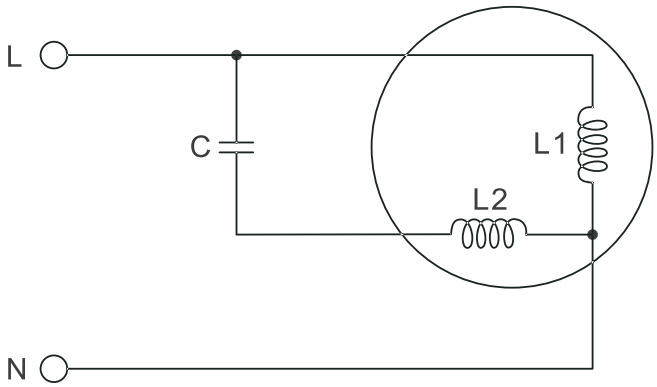
CBB60-2

Dimensional drawings

Safety approvals	CQC、UL、CUL、VDE
Implemented standard	GB/T3667.1、UL810、EN60252-1
Climatic category	25/70/21、25/85/21、40/70/21、40/85/21
Rated voltage	150VAC ~ 600VAC (50/60Hz)
Capacitance range	1μF ~ 80μF
Capacitance tolerance	±5%(J)、±10%(K)、$^{+10}_{-5}$%(U)
Testing voltage	
between terminals	$2*U_N$(VAC) / 60s
between terminals and case	$2*U_N$+1000(VAC) / 60s(≥2000VAC)
Insulation resistance(20℃)	
between terminals	≥2000MΩ . μF (500Vdc,60s)
Tangent of loss angle(20℃)	≤0.002 (100Hz)
Class of safety protection	P_0 / P_2
Fault current	10,000AFC (UL810)



Typical Circuit



C = CBB60 Capacitor

Dimension

Unit : mm

Rated cap.	250/300VAC		350VAC		400/450VAC		500VAC	
	ΦD	H	ΦD	H	ΦD	H	ΦD	H
6μF	25	57	—	—	30	60	—	—
8μF	30	60	—	—	35	60	—	—
10μF	30	60	—	—	40	60	40	70
12μF	35	60	35	60	40	60	—	—
15μF	35	60	—	—	40	70	—	—
18μF	35	60	—	—	45	70	—	—
20μF	40	60	40	70	45	70	45	80
25μF	40	60	45	70	45	80	—	—
30μF	40	70	45	80	45	90	50	90
35μF	—	—	—	—	50	90	—	—
40μF	45	70	45	90	50	100	55	110