

AC Motor Capacitors CBB65



Characteristics

- Metallized polypropylene film
- Non-inductive winding structure
- Cylindrical aluminum shell encapsulation
- Excellent self healing
- Explosion-proof design, safe and reliable

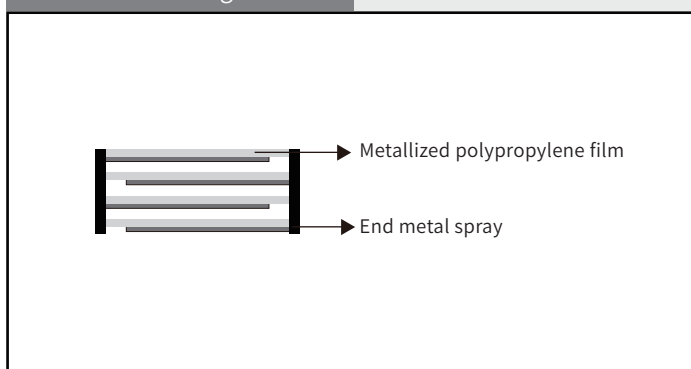
Application

- Suitable for starting and operation of 50Hz (60Hz) AC single -phase motor

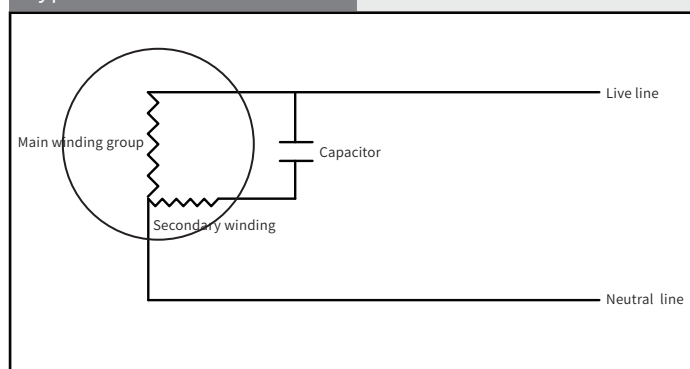
Technical Data

| | | |
|---|----------------------------------|--------------------|
| • Reference Standards | GB/T 3667-2016 | |
| • Climate Category /Flame Retardant Grade | 40/85/21 | |
| • Operating Temperature Range | -40°C~85°C Tmax 105°C | |
| • Rated Voltage | 450VAC | |
| • Class of Operation | Level C | |
| • Capacitance Range | 10μF~60μF | |
| • Capacity Tolerance | ±5% (J) ; ±10%(K); ±20% (M) | |
| • Withstand Voltage | V _{t-t} :2.0UN(VAC), 2S | |
| | V _{t-c} :2000VAC, 60S | |
| • Dissipation Factor | 10μF≤CN≤33μF | ≤0.0050(1KHz,20°C) |
| | CN≥10μF | ≤0.0070(1KHz,20°C) |
| • Insulation Resistance | ≥3000S(20°C 100V 1min) | |

Construction Diagram



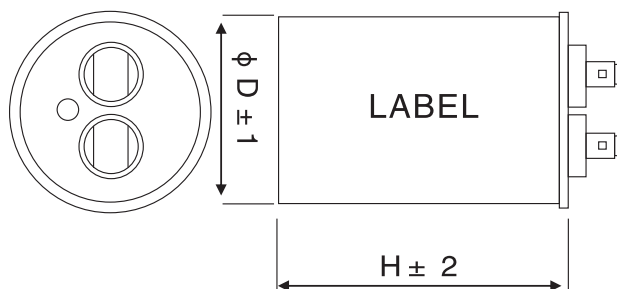
Typical Circuit



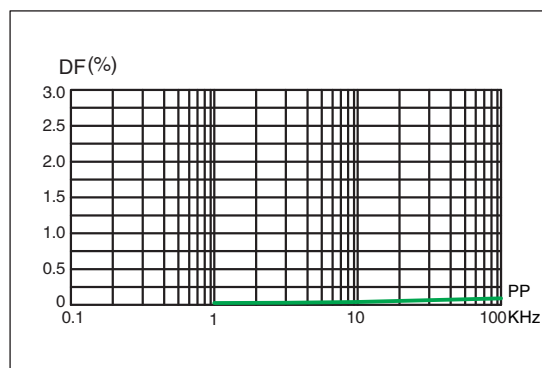
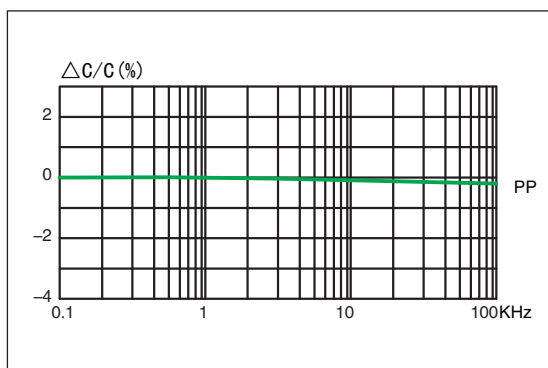
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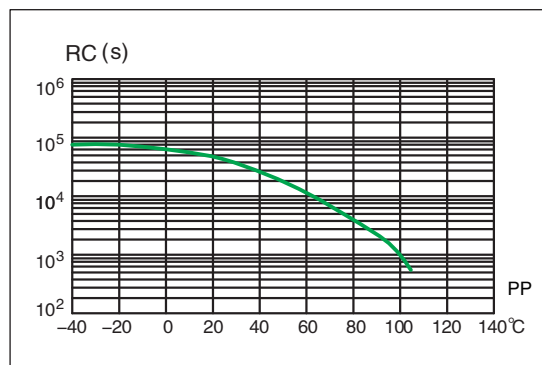
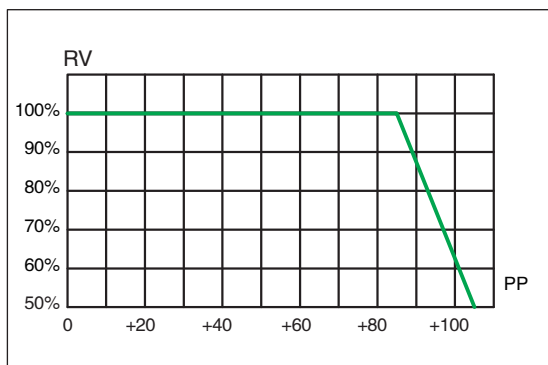
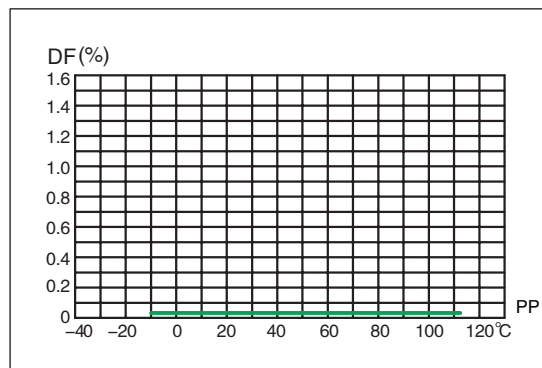
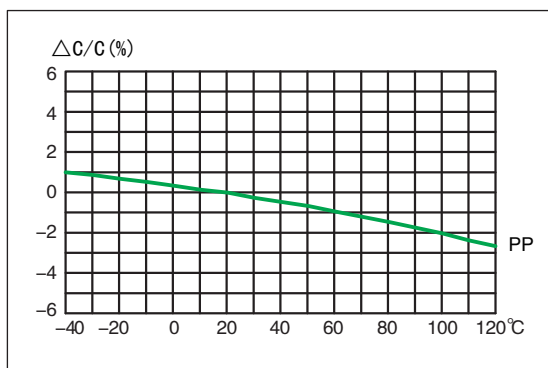
Product Shape



Temperature Characteristics



Frequency Characteristics



Article Table

| Rated Voltage Nominal Capacity (μF) | 250VAC | | 450VAC | |
|--|---------|---------|---------|---------|
| | D ±1 | H ±1 | D ±1 | H ±1 |
| 10 | 40 | 55 | 40 | 65 |
| 15 | 40 | 55 | - | - |
| 20 | 40 | 65 | 40 | 75 |
| 25 | 40 | 65 | 45 | 85 |
| 30 | - | - | 45 | 95 |
| 32 | 40 | 75 | - | - |
| 35 | - | - | 50 | 95 |
| 40 | 45 | 75 | - | - |
| 50 | 45 | 85 | 50 | 115 |
| 60 | 45 | 95 | - | - |

The above table / graphics are for reference only, subject to the actual product (unit: mm)