

DATASHEET



FILM CAPACITORS – AC motor capacitor

PART NO.: C65AR6456JB100D5404

YUHUA ELECTRICAL

CBB65 Series, 370VAC, 45 μ F, $\pm$ 5% , -25°C~70°C , Radial, D55*H85mm

Date: 9/18/2026

Version: 2.0

AUTHORIZED DISTRIBUTOR

NextGen Components, Inc.

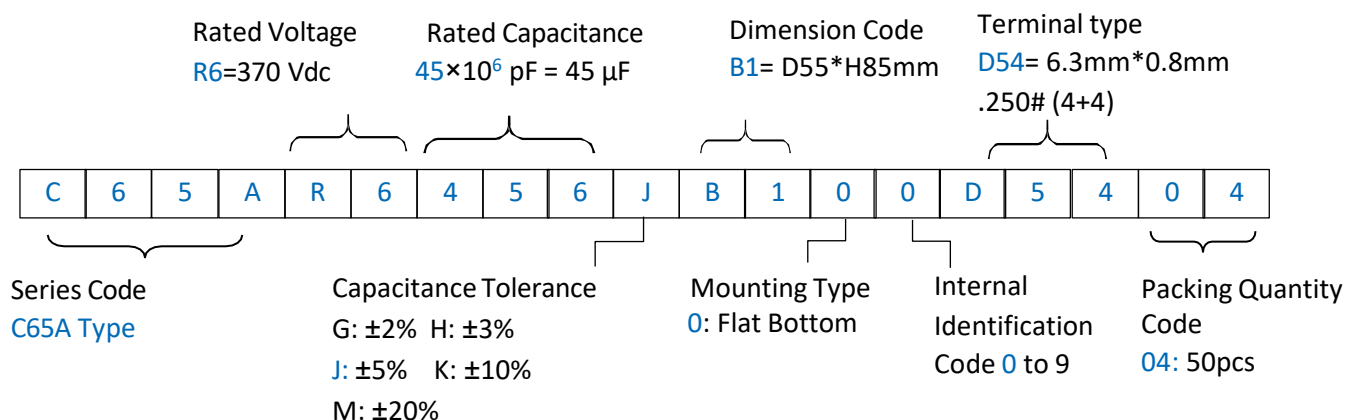
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■ PART NUMBER GUIDE

The 19 digits part number is formed as follow:



■ PRODUCT PICTURE



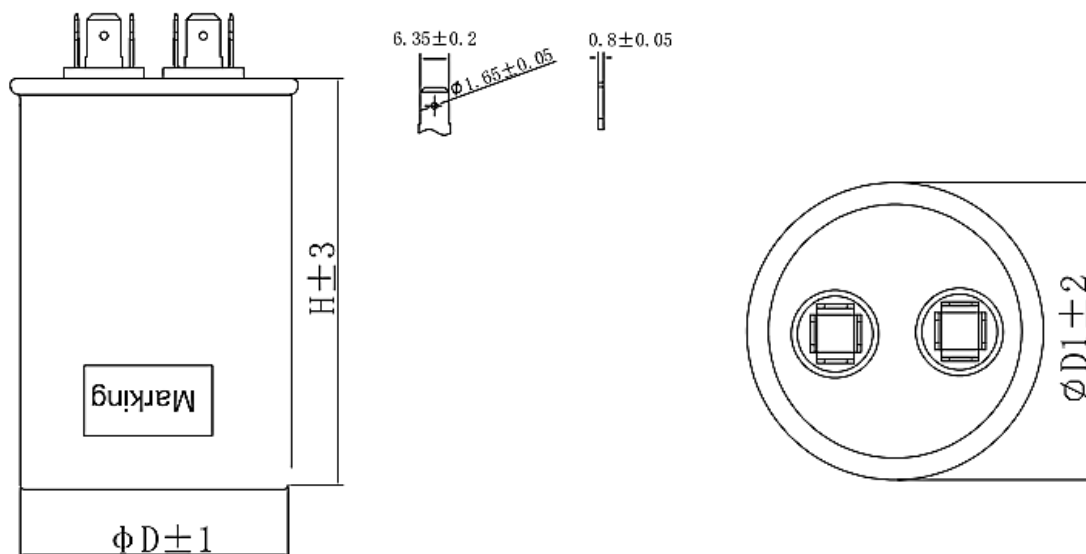
■ TYPICAL APPLICATION

1. Applicable to startup and operating of the compressor of air-conditioning and refrigerator.

■ FEATURES

1. Low loss, high insulation resistance;
2. Excellent self-healing and high stability;
3. Small volume and withstand high voltage;
4. Built-in explosion-proof device, reliable safety performance.

■ OUTLINE DRAWING



The example of Marking:

A:

RUVA® 370VAC (RoHS)
 $20\mu F \pm 5\%$ 50/60Hz
 Variable 40/70/21 S2 B SH
CQC CBB65
 CQC06002017922
 CBB65-A
 PLANT OIL
 EN60252-1
 Protected
 E317866 10 000AFC
 Ningguo Yuhua

B:

RUVA® 440VAC (RoHS)
 $25\mu F \pm 5\%$ 50/60Hz
 Variable 40/70/21 S2 B SH
CQC CBB65
 CQC06002017922
 CBB65-A
 PLANT OIL
 EN60252-1
 Protected
 E317866 10 000AFC
 Ningguo Yuhua

■ TECHNICAL REQUIREMENTS

Material code	Rated voltage	Nominal capacitance	Size (D × H)	φD1	Marking
C65AS1256J4200D5404	440V	25 μF	45 × 85	48	B
C65AS1306J5000D5404		30 μF	50 × 80	53	
C65AS1356J5200D5404		35 μF	50 × 90	53	
C65AS1406J5300D5404		40 μF	50 × 95	53	
C65AR6206J4000D5404	370V	20 μF	45 × 70	48	A
C65AR6256J4100D5404		25 μF	45 × 80	48	
C65AR6306J4900D5404		30 μF	50 × 75	53	
C65AR6356J5100D5404		35 μF	50 × 85	53	
C65AR6406J5200D5404		40 μF	50 × 90	53	
C65AR6456JB100D5404		45 μF	55 × 85	58	
C65AR6506JB300D5404		50 μF	55 × 90	58	

1. The capacity of allowable deviation: $\pm 5\%$;
2. Test voltage: Between two electrodes: Two times of rated voltage, 4S; Between electrode and shells: 3000V~, 2S;
3. Insulation resistance: Between pole-shell $\geq 2000M\Omega$;
4. Dissipation factor: $\tan\delta \leq 0.0020$ (100Hz);
5. Terminals: 250# (4+4);
6. Using a sticky label about the identification of CQC, TUV, UL, climate type and etc according to the certification marks;