



## Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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### Product Identification

Manufacturer / Brand: EPCOS (TDK)

Model / MPN: B32370S3306J030

Description: Motor run capacitor from B32370S series featuring self-healing polypropylene film, overpressure safety device, and P2 safety class rating. Housed in a dry-type plastic case with 4-pin fast-on terminals.

### Technical Specifications

Model / MPN: B32370S3306J030

Manufacturer / Brand: EPCOS (TDK)

Series: B32370S

Technology: Film Capacitor

Dielectric: Polypropylene (PP)

Rated Capacitance (C<sub>R</sub>): 30  $\mu$ F

Capacitance Tolerance:  $\pm$ 5% (Code J)

Rated Voltage (V<sub>R</sub>): 460 V AC

Rated Frequency (f<sub>R</sub>): 50 / 60 Hz

Operating Life Class C: 3,000 h (at 460V)

Operating Life Class B: 10,000 h (at 330V)

Safety Class: P2 (IEC 60252-1)

Construction: Self-healing

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Filling: Dry type, soft polyurethane resin

Climatic Category: 25/085/21 (IEC 60068-1)

Operating Temperature Range: -25 °C to +85 °C

Dissipation Factor  $\tan\delta$  (at 20°C):  $\leq 5 \cdot 10^{-4}$

Case Material: Plastic (PP)

Dimensions (Diameter x Length): 40 mm x 115 mm

Terminals: 4-pin 6.3 mm Fast-on terminals

Mounting: Threaded plastic stud M8 x 10

Reference Standards: IEC 60252-1

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