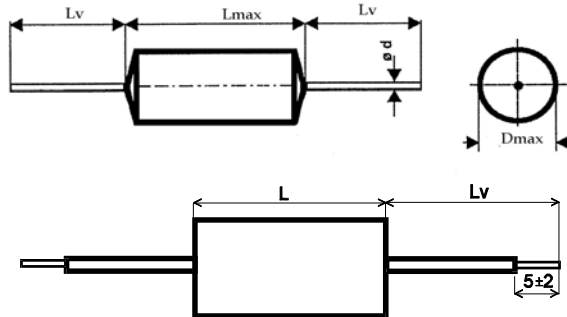


**MKP391AR CAPACITORS FOR AC APPLICATIONS**



Capacity C <sub>R</sub> [µF]	Dimensions [mm]		
	D	L	L <sub>V</sub>
25	26,5	85	100

Other capacity and other L<sub>V</sub> on request

**Warning!** The manufacturer is not responsible for any damages, caused by the improper installation and application. Before using the capacitor in any application, please, read carefully this technical data-sheet.

**Construction:**

Metallized polypropylene film, non-inductive, self-healing construction.

Leads: stranded wire or tinned cooper wire leads

**Applications:**

Motor run-capacitors and other AC applications

**Technical data**

**Rated voltage U<sub>R</sub>:** 250VAC 50/60Hz

If the working frequency is higher, the permissible AC voltage must be decreased

**Rated capacitance:** 25µF

**Tolerance:** ±10%, ±5%, other tolerance on request

**Dissipation factor Tgδ:** < 0,001 at 100Hz and +25°C

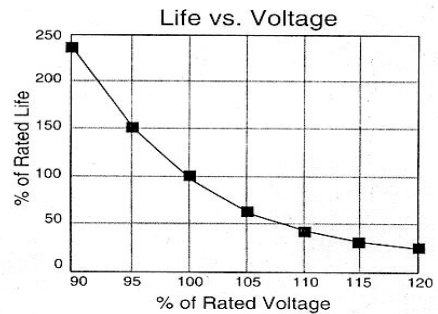
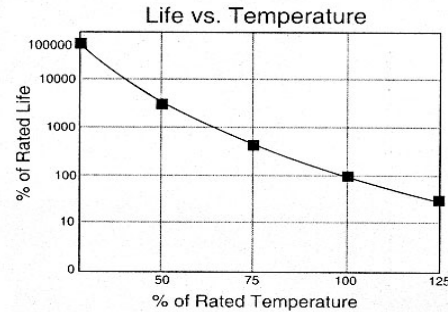
**Insulation resistance R<sub>IS</sub>:** >10 000/C [MΩ; uF]

**Operating temperature range:** -40 ÷ +70°C

The highest permissible capacitor temperature at the hottest point of the case must not exceed +70°C.

**Operating life expectancy:** 3000h/250V 50Hz, Class C, Test conditions 1,25xU<sub>R</sub> at +85°C, 2000h

**Life expectancy:**



**Test voltage between terminals:** 2 x U<sub>R</sub>, 1min. at +25°C All capacitors are tested by the routine test by the producer

**Protection against Over-voltages:**

The capacitors are self-healing and regenerate themselves after occasional breakdowns. The capacitor remains fully functional after the breakdown.

**Permitted Over-voltages in working conditions:**

1,1 x U<sub>R</sub> max. 10% of the service period

If the Over-voltages exceed the permissible values above, the capacitor might have been destroyed.

**Test voltage between terminals and case:**

3000VDC, 1min. at +25°C

**Max. repetitive rate of voltage rise dU/dt:**

< 20V/µsec at U<sub>R</sub> and +25°C

**Related standards:** IEC 60252

**Marking for purchase ordering:**

MKP391 AR 25µF±5% 250V 50Hz