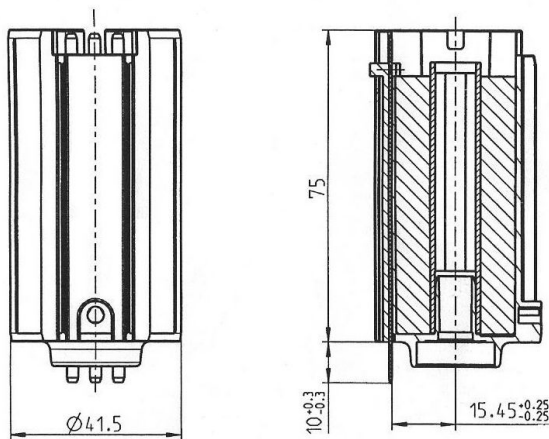
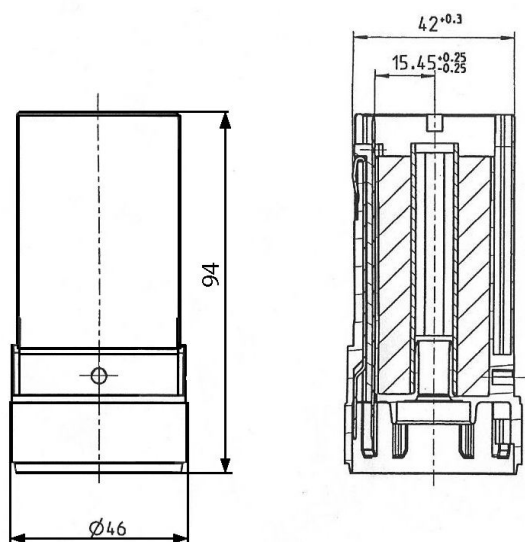


## MKP393G MOTOR RUN – CAPACITORS



**KP393G BG**



**MKP393G KG**

**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, no-inductive, self-healing construction, special plastic cylindrical flame retardant case, with special connectors, construction BG and KG.

**Applications:**

Motor run-capacitors and other AC applications

**Technical data**

**Rated voltage  $U_R$ :**

450 V 50/60Hz, Class C 3000h  
400 V 50/60Hz, Class B 10 000h

**Rated capacitance:** 2,5±7µF

**Tolerance:** ±5%, other tolerances on request

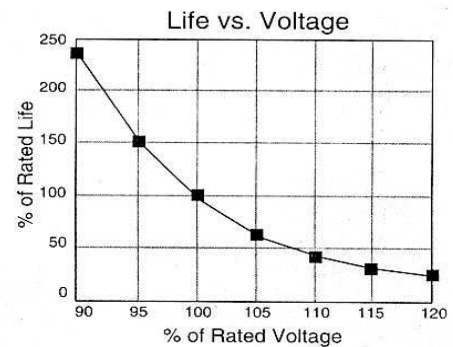
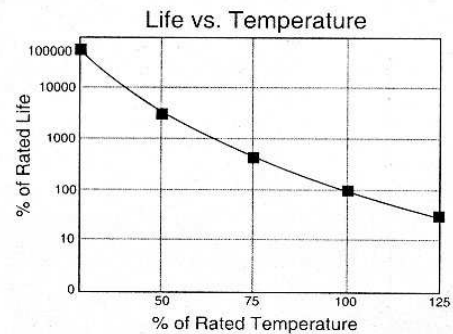
**Dissipation factor  $Tg\delta$ :** < 0,0006 at 100Hz and +25°C

**Insulation resistance  $R_{IS}$ :** >10 000/C [MΩ; µF]

**Operating temperature range:** -40 ÷ +85°C

The highest permissible capacitor temperature at the hottest point of the case must not exceed +85°C.

**Dependence of Operating life expectancy:**



**Test voltage between terminals:** 2 x  $U_R$ , 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  $U_R$  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  $U_R$  and +25°C

**Related standards:** IEC 60252-1 2015