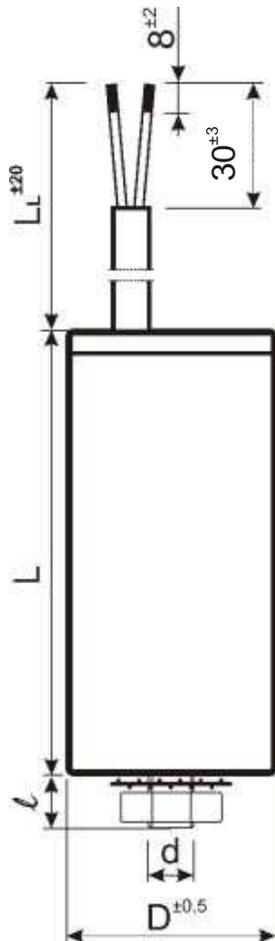




MKP300-202 CAPACITORS FOR AC APPLICATIONS



Capacity C_R [μ F]	Dimensions [mm]		
	D	L	L_L
1,8	40	69,5	250

Other capacity and other L_L on request

Construction:

Metallized polypropylene film, non-inductive, self-healing construction, plastic cylindrical flame retardant case, with bottom screw available, **the leads on request: Cable-leads type Ölflex CLASSIC 100 or Ölflex CLASSIC 110**

Applications:

Motor run-capacitors and other AC applications

Technical data

Rated voltage U_R : 1000VAC 50/60Hz

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

Rated capacitance: $1,8\mu\text{F} \pm 2\mu\text{F}$

Tolerance: $\pm 10\%$, $\pm 5\%$, other tolerance on request

Dissipation factor $Tg\delta$: $< 0,001$ at 100Hz and $+25^\circ\text{C}$

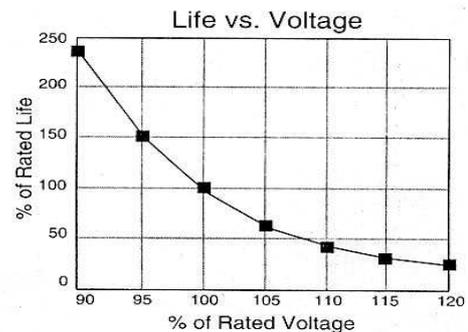
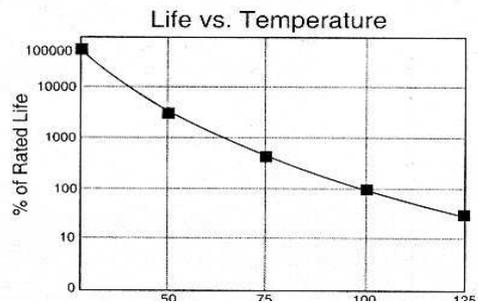
Insulation resistance R_{IS} : $> 10\ 000/\text{C}$ [$\text{M}\Omega$; μF]

Operating temperature range: -40 $+85^\circ\text{C}$

The highest permissible capacitor temperature at the hottest point of the case must not exceed $+85^\circ\text{C}$.

Operating life expectancy: 10 000h/1000V 50Hz, C_R

Lif



Test voltage between terminals: 1400 VAC, 1min. at $+25^\circ\text{C}$ 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:

$1,1 \times U_R$ 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:

3000VAC/50Hz, 1min. at $+25^\circ\text{C}$

Max. repetitive rate of voltage rise dU/dt :

$< 20\text{V}/\mu\text{sec}$ at U_R and $+25^\circ\text{C}$

Related standards: IEC 60252

Marking for purchase ordering:

MKP300-202 $1,8\mu\text{F} \pm 5\%$ 1000V 50/60Hz

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.