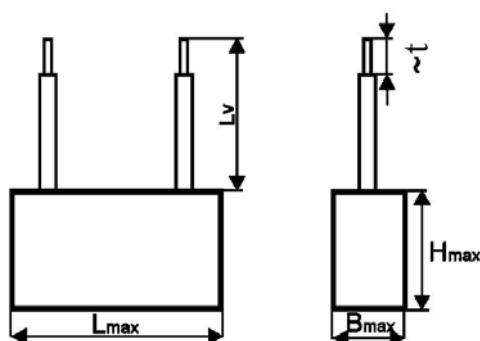
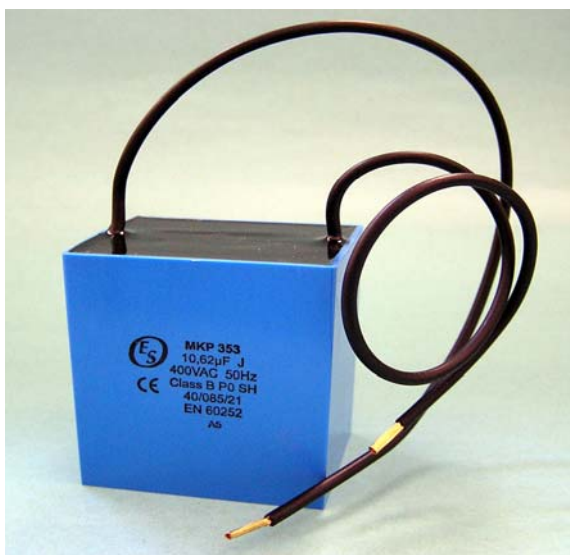


## MKP353S CAPACITORS FOR AC APPLICATIONS



Capacity C <sub>R</sub> [μF]	Dimensions [mm]				
	B	H	L	t	L <sub>L</sub>
4,0	23,5	36	38	7	120
4,0	28	37	43	7	120
5,0	30	45	43	8	210
6,0	30	45	43	7	120
6,0	30	45	43	8	175
7,5	35	45	43	8	175
10,0	35	45	43	8	210
10,62	35	45	43	8	210

Other capacity and other L<sub>L</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, plastic flame-retardant case, with bottom clamp available

### Applications:

Motor run-capacitors and other AC applications

### Technical data

**Rated voltage U<sub>R</sub>:** 400VAC 50/60Hz

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

**Rated capacitance:** 5 ÷ 12 μF

**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; μF]

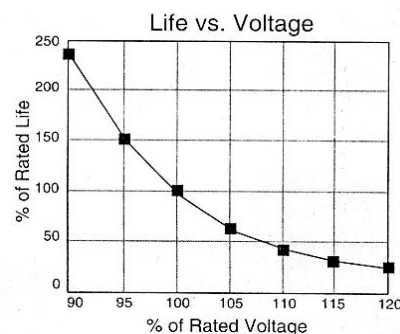
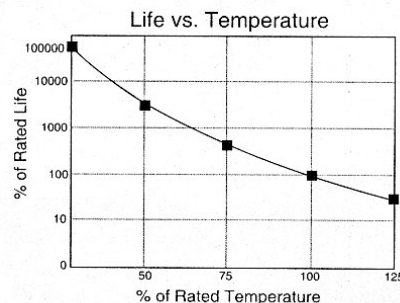
**Operating temperature range:** -40 ÷ +85°C

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

**Operating life expectancy:** 10 000h/630V 50Hz, at Ta<40°C Class B,

Test conditions 1,25xU<sub>R</sub> at +85°C, 2000h

### Life expectancy:



**Test voltage between terminals:** 1,25 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:

MKP353S 10,62μF±5% 400V 50/60Hz