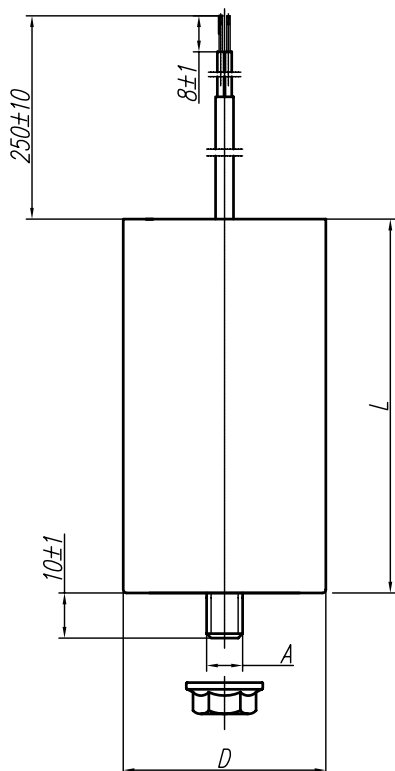


AC METALLIZED POLYPROPYLENE FILM CAPACITORS- FOR MOTOR START APPLICATIONS



Rated capacitance C_N	Capacitance tolerance	Rated voltage, class	Dimensions		
			D^{+1}	$L \pm 3$	A
μF	%	V~	mm	mm	mm
150	± 10	320V~ 3min/1,7% 250V~, cl.C	60	147	M12
170					
180					
220					
270*					
300*			75		

* - production at the customer's request

APPLICATION:

The MKSP-5R capacitors are designed for operation in 50 / 60Hz sinusoidal alternating current circuits. They are mainly used in the circuits of single-phase electric motors as starting or running capacitors. The housing of the capacitor is an aluminum cup. These capacitors can be used in DC voltage circuits with the following value: $V_{dc} = \sqrt{2} * U_n$, $dU/dt \leq 5V/\mu\text{s}$.

TECHNICAL DATA:

- Climatic category: - 25/070/21,
- Dissipation factor: - ≤ 0.003 at $f = 50\text{Hz}$,
- Rated voltage U_n :
 - continuous operation: - 250V/50Hz,
 - intermittent work: - 320V/50Hz,
- Dielectric strength:
 - between terminals: - 2,15 U_n / 50Hz - 2s @ EN-60252-1,
 - 1,2 U_n / 50Hz- 2s @ EN-60252-2,
 - 2000V/ 50Hz - 2s @ EN-60252-1,
 - 2000V/ 50Hz - 60s @ EN-60252-2,
 - 320V~3min/1,7%,
 - class C- 3000 h,
 - between terminals and case: - S0,
- Intermittent work cycles: - 0.75mm² two-core cable in a tire,
- Expected lifetime of continuous operation: - EN 60252-1/2.
- Protection degree code:
- Connections:
- Standards:

This product fulfills the requirements of the RoHS Directive (2011/65/UE).

NOTE:

1. In the capacitor, misalignment of the terminals to the capacitor housing may occur.
2. Other lead lengths are allowed after agreeing.

 **MIFLEX S.A.**

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