



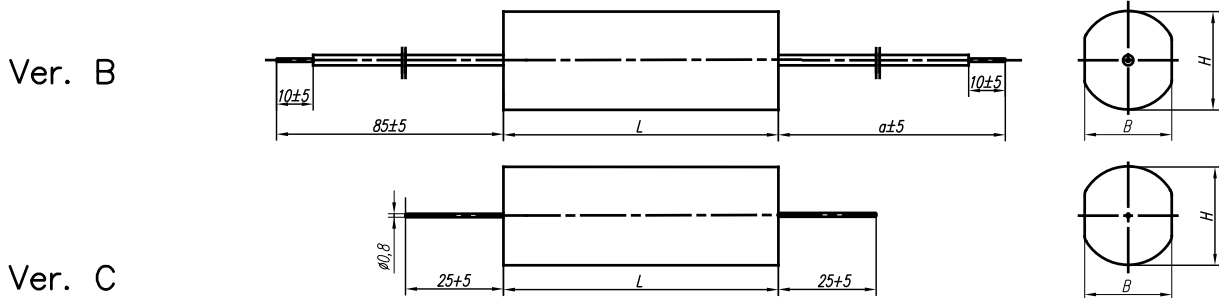
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EN: This Datasheet is presented by the manufacturer.

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AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR ELECTRIC MOTOR APPLICATIONS



Rated capacitance C_N	Capacitance tolerance	Rated voltage, class	Dimensions				Weight	
			Ver.B and C				Ver.B	Ver.C
			B±1	H±1	L±3	a±5	m	m
μF	%	V~	mm	mm	mm	mm	g	g
1,5	±5	400V~ B/85°C 450V~ C/70°C	13	16	35	125	8,0±2	6,0±2
2			13,5	16,5	35		9,5±2	7,5±2
4			13	16	46	160	10,0±2	8,0±2
5			14,5	18	46		11,5±3	9,5±3
6			15,5	19	46		13,5±3	11,5±3
8			19	22	46		17±3	15±3
20			25	35	60		42,5±5	40,5±5
100			55	55	95	240±10	238±10	

TECHNICAL DATA:

- Climatic category: - 25/070/21 or 25/085/21 acc. to table,
- Dissipation factor: - ≤0,003 at f = 50Hz,
- Dielectric strength
 - between terminals: - 2Un / 50Hz - 60s,
 - between terminals and case: - 2000V / 50Hz - 60s,
- Specifications: -WT-96/MIFLEX/MKSP-6P,
- Standards: -EN 60252-1, VDE 0560 part 8,
- Type of housing: -ver. B,C - polyester tape, plastic case for 100μF,
- Safety class: - S0
- Leads: - single-core cable, cross-section 0,5 or 0,75 mm² - ver. B
- wire, diameter 0,8 mm - ver. C

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

APPLICATION:

The MKSP-6P capacitors are intended for use in AC circuits with the frequency of 50Hz. They are mostly used in single-phase electric motors as running capacitors. The MKSP-6P capacitors can be used in DC circuits with voltage not exceeding the following value: $V_{dc} = \sqrt{2} * U_n$

Application class (acc. to EN 60252-1, VDE 0560 part 8):

B - expected lifetime 10000 h (HSFNT*)

C - expected lifetime 3000 h (HSFPU*)

*- previous symbols

Remarks:

1. Misalignment of terminals in relation to the capacitor axis may occur.
2. Other lengths of leads are available upon prior agreement.

 **MIFLEX SA**

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