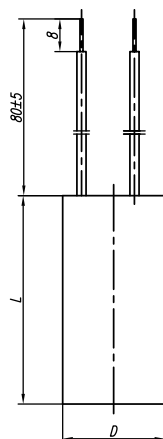


AC polypropylene capacitors for electric motors

Diagram A



Nominal capacity C_N	Capacity tolerance	Nominal voltage class	Dimensions	
			Diagram A	
			$D \pm 0,5$	$L \pm 1$
μF	%	V~	mm	mm
4,0	± 5	400V~ B/85°C 450V~ C/70°C	25	51
4,5				
5,0				

Technical Specifications:

- Climate category:
 - Loss angle tangent:
 - Electrical strength
 - between the ends:
 - between shorted terminals and housing:
 - Applicable technical conditions:
 - Capacitors meet following standards:
 - Housing type:
 - Safety class:
 - Capacitor leads:
- 25/ 070/21 lub 25/ 85/ 21 In accordance with above table
 - $\leq 0,003$ przy $f = 50\text{Hz}$,
 - $2U_n / 50\text{Hz} - 60\text{s}$,
 - $2000\text{V} / 50\text{Hz} - 60\text{s}$,
 - WT-96/MIFLEX/MKSP-6P,
 - PN-EN 60252-1, VDE 0560 cz. 8,
 - Diagram A - plastic cup;
 - S0
 - Single-core cables with a cross-section of 0.5mm²

The product meets the requirements of the RoHS directive (2011/65/EU).

APPLICATION:

MKSP-6P type capacitors are designed to work in sinusoidal alternating current circuits with a frequency of 50 Hz. They are mainly used in single-phase electric motor circuits as operating capacitors. These capacitors can be used in DC voltage circuits with a maximum value of: $V_{dc} = \sqrt{2} \cdot U_n$

Working class (according to PN-EN 60252-1, VDE 0560 part 8):

B - expected life 10000 hrs (HSFNT*)

C - expected life 3000 hrs (HSFPU*)

* - old designations

Comments:

1. The capacitor may have misalignment of its leads relative to its axis.
2. Other lead lengths are permitted upon prior arrangement.

AC polypropylene capacitors for electric motors

Diagram B

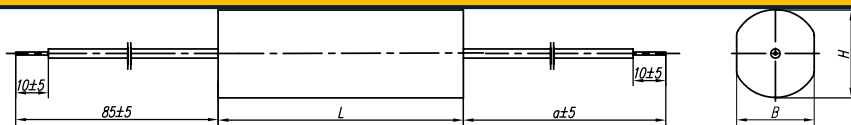
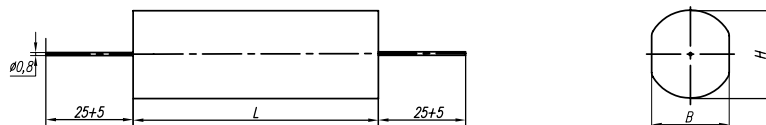


Diagram C



Nominal capacity C_N	Capacity tolerance	Nominal voltage class	Dimensions			
			Diagrams B and C			
			B±1	H±1	L±3	a±5
μF	%	V~	mm	mm	mm	mm
1,5	±5	400V~ B/85°C 450V~ C/70°C	13	16	35	125
2			13,5	16,5	46	
4			13	16	46	
5			14,5	18	46	160
6			15,5	19	46	
8			19	22	46	
20			25	35	60	
100			D=55±1		95	

Technical Specifications:

- Climate category: 25/ 070/21 lub 25/ 85/ 21 In accordance with above table
- Loss angle tangent: ≤0,003 przy f = 50Hz,
- Electrical strength:
 - between the ends: 2Un / 50Hz - 60s,
 - between shorted terminals and housing: a; 2000V / 50Hz - 60s,
- Applicable technical conditions: WT-96/MIFLEX/MKSP-6P,
- Capacitors meet following standards: PN-EN 60252-1, VDE 0560 cz. 8,
- Housing type: wyk.B i C - polyester tape, plastic cup 100μF,
- Safety class: S0
- Capacitor leads:
 - Single-core cables and a cross-section of 0.5 or 0.75mm² - Diagram B
 - Wire diameter 0.8mm Diagram C

The product meets the requirements of the RoHs directive (2011/65/EU).

APPLICATION:

MKSP-6P type capacitors are designed to work in sinusoidal alternating current circuits with a frequency of 50 Hz. They are mainly used in single-phase electric motor circuits as operating capacitors. These capacitors can be used in DC voltage circuits with a maximum value of: $V_{dc} = \sqrt{2} \cdot U_n$

Working class (according to PN-EN 60252-1, VDE 0560 part 8):

B - expected life 10000 hrs (HSFNT*)

C - expected life 3000 hrs (HSFPU*)

* - old designations

Comments:

- 1.The capacitor may have misalignment of its leads relative to its axis.
2. Other lead lengths are permitted upon prior arrangement.