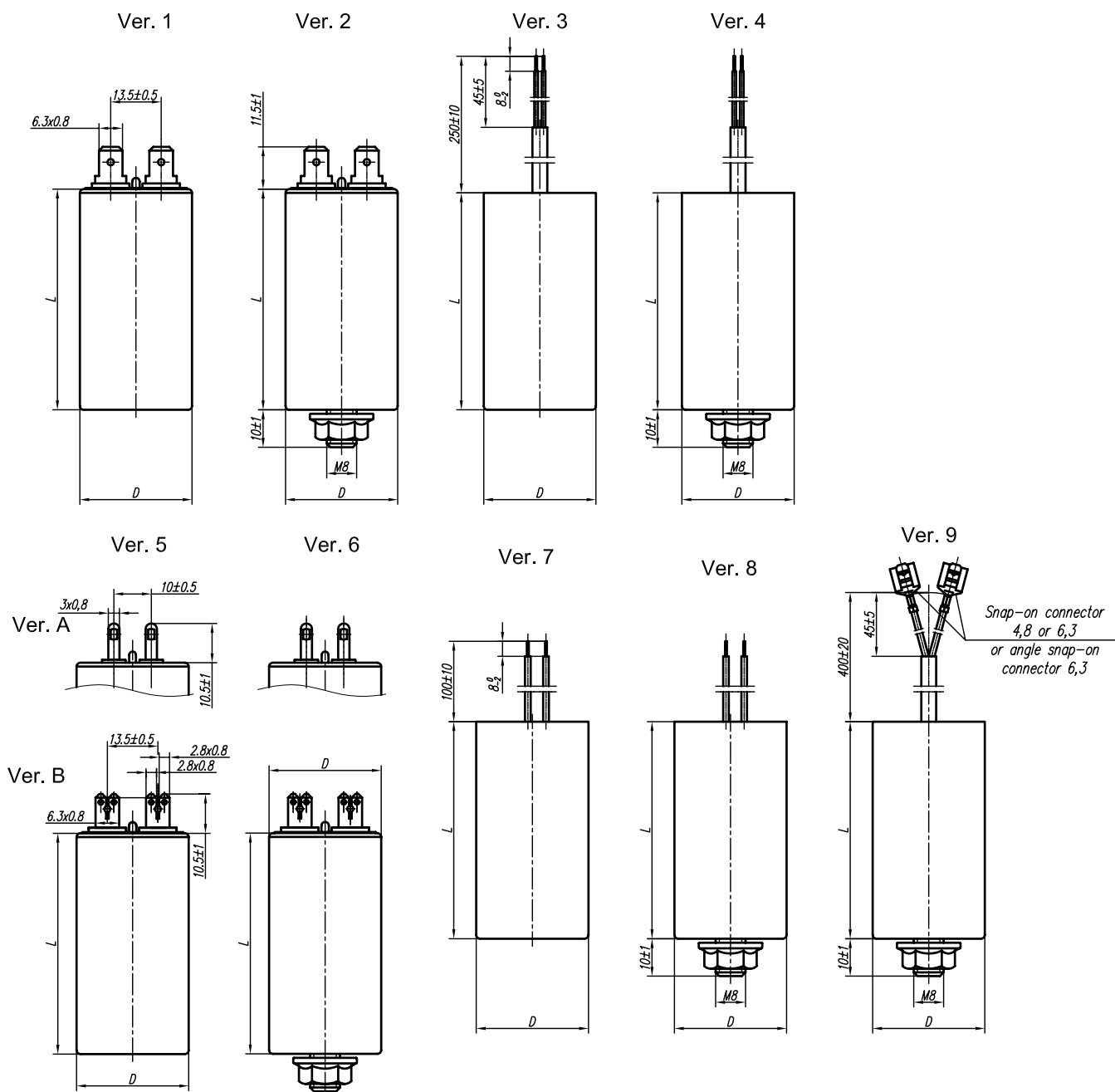


## AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS



- Version 1 and 2 - capacitor with fast-on terminals according to PN-EN 61210.  
Version 3 and 4 - capacitor with two-core cable lead according to PN-91/E-90103.  
Version 5 and 6 - capacitor versions:  
A - with soldering terminals  $3 \times 0,8$   
B - with tabs  $2 \times 2,8 \times 0,8$  ( $6,3 \times 0,8$ )  
Version 7 and 8 - capacitor with two single-core cable leads.  
Version 9 - 2; 2,5; 3; 4;  $5 \mu\text{F}$  capacitors with  $\pm 10\%$  tolerance and H05V2V2-F 300/500V  $2 \times 0,75 \text{mm}^2$  black insulated leads with VDE certificate with 4,8-075U T85 or 6,3-075U T85 snap-on connector or angle snap-on connector FH  $6,3 \times 0,8$ -Ms (upon prior agreement).

**NOTE:**

1. Misalignment of terminals in relation to the capacitor axis may occur in versions 3; 4; 7; 8 and 9; other lengths of leads is available upon prior agreement.

**APPLICATION:**

The MKSP-5P capacitors are intended for use in a.c. circuits with the frequency of 50Hz. They are mainly used in single-phase electric motors as running capacitors. The capacitors have plastic case.

The MKSP-5P capacitors can be used with a d.c. voltage not exceeding the following value:  $V_{dc} = \sqrt{2} * U_n$

 **MIFLEX S.A.**

ZAKŁADY PODZESPOŁÓW RADIOWYCH  
GRUNWALDZKA 3, 99-300 KUTNO, POLAND  
Telephone: +48 24 355 11 00 ÷ 02  
Fax: +48 24 355 11 88  
e-mail: miflex@miflex.com.pl

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## AC METALLIZED POLYPROPYLENE FILM CAPACITORS FOR MOTOR APPLICATIONS

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

B - expected life 10000h (HSFNT\*)

C - expected life 3000h (HSFPU\*)

D - expected life 1000h (HSFQV\*)

\* - previous symbols

### TECHNICAL DATA:

- Climatic category: - 25/070/21,
- Dissipation factor: -  $\leq 0.003$  at  $f = 50\text{Hz}$ ,
- Dielectric strength
  - between terminals: - 2UR - 60s,
  - between terminals and case: - min. 2000V / 50Hz - 60s,
- Standards: - EN 60252-1, VDE 0560 part 8
- Specifications: - WT-96/MIFLEX/MKSP-5P,
- Approval mark: - VDE.

This product fulfils the requirements of the RoHS Directive (2002/95/EC).

Rated capacitance $C_N$	Capacitance tolerance	Rated voltage, class	Dimensions								VDE approval for voltage and class		
			Ver. 1,2,5,6		Ver. 3,7		Ver. 4,8		Ver. 9				
			$D^{+1}$	$L_{-2}^{+3}$	$D^{+1}$	$L_{-2}^{+3}$	$D^{+1}$	$L_{-2}^{+3}$	$D^{+1}$	$L_{-2}^{+3}$			
$\mu\text{F}$	%	V~	mm	mm	mm	mm	mm	mm	mm	mm			
2	±5  ±10	450V~ B  500V~ D	25	58	25	51	25	53	25	58	450V~ C VDE  500V~ D VDE		
2,5													
3					28	51	30	78				30	78
4													
5					30	83	30	78				30	78
6													
7				35	65	35	65	35	65				
7,5													
8				-	-	35	55	35	55				
9													
10				30	83	30	78	30	78				
										10			
12			-	-	40	55	40	55					
									12				
14			65	35	65	35	65	65					
									14				
16			83	-	-	78	-	78					
									16				
18			65	-	-	65	-	65					
									18				
20			83	35	78	35	78	78					
									20				
22			65	-	-	65	-	65					
									22				
25			40	-	-	78	-	78					
									25				
30			45	-	-	45	-	45					
									30				
32	50	-	-	50	-	50							
							32						
35	45	-	-	45	-	45							
							35						
40	45	-	-	45	-	45							
							40						
50	30	-	-	119	-	114							
							50						
32	50	-	-	50	-	50							
							32						
35	50	-	-	50	-	50							
							35						
40	50	-	-	50	-	50							

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Fax: +48 24 355 11 88  
e-mail: miflex@miflex.com.pl

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