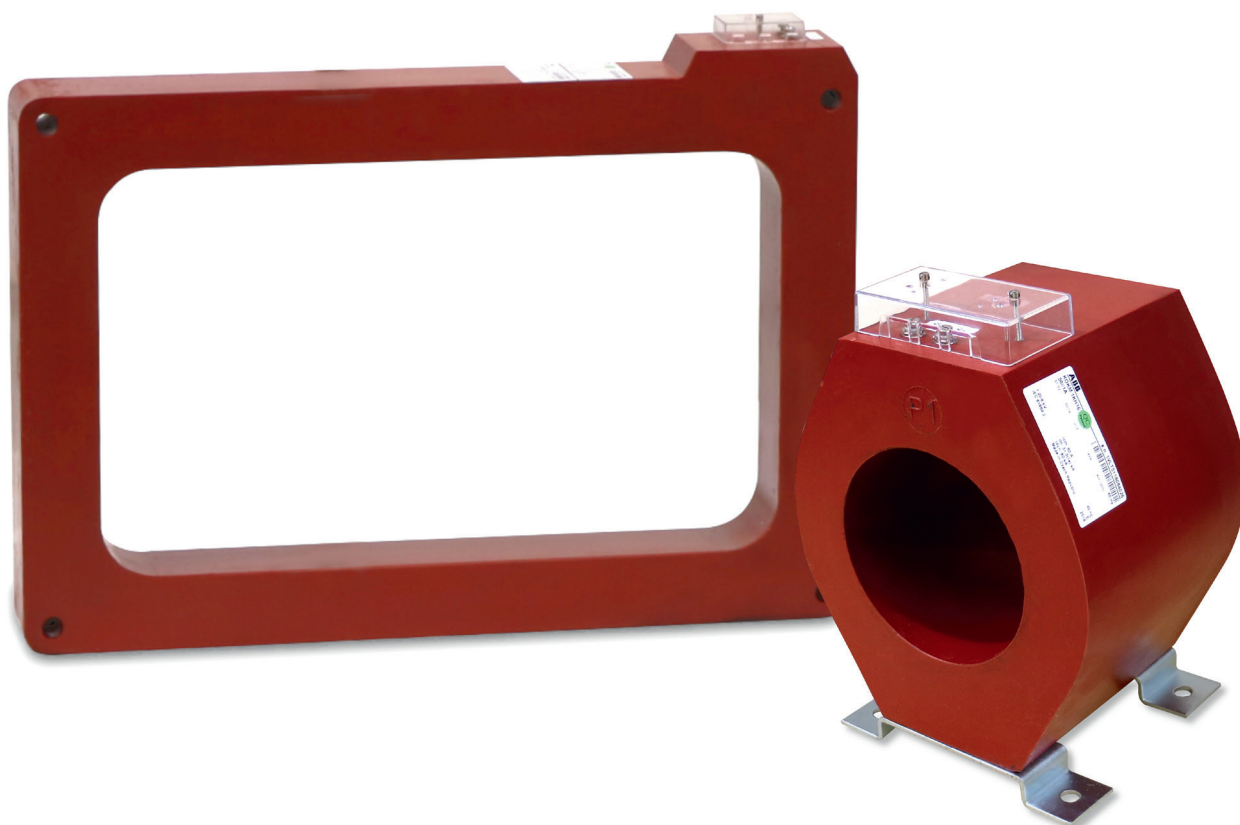


MEDIUM VOLTAGE PRODUCT

# KOKM

Indoor cable current transformer



—  
01 Marking of current transformer outlets - example  
a) one secondary winding example: 100/1 [A/A]  
b) multi-tap secondary winding example: 50-100/1 [A/A]  
c) two secondary windings example: 800/5/5 [A/A/A]

Technical parameters	Values	
	KOKM 06	KOKM 1
Highest voltage for equipment	0.72 kV	1.2 kV
Rated power-frequency withstand voltage	3 kV	6 kV
Rated lightning impulse withstand voltage	-	-
Rated frequency	50 or 60 Hz	
Rated primary current, $I_{pr}$	50 - 2 000 A	50 - 10 000 A
Rated secondary current $I_{sr}$	1 or 5 A	
Rated short-time thermal current, $I_{th}$	$60 * I_{pr}$ (max 100 kA/ 1s)	
Rated dynamic current, $I_{dyn}$	$2.5 * I_{th}$ (max 250 kA)	
Conformity with standard and accuracy classes	IEC, IEEE, GOST, BS, CAN, etc.	
Operating temperature range	-25 ... +40 °C	

Note: Other parameters on request.

### Description

KOKM\_ current transformers are suitable for measuring phase currents. A busbar or cable serves as the primary conductor. Series KOKM current transformers can also be used for measuring the phase current at voltages higher than 0.72 kV (for KOKM 06) or 1.2 kV (for KOKM 1), if the insulation of the primary conductor satisfies the requirements of the respective standards for the operating voltage. The secondary winding and ring shaped iron core are cast in resin which has good electrical and mechanical properties.

### Ordering data

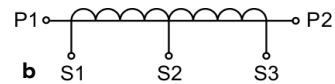
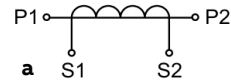
The order should contain the following data:

- Type of current transformer
- Rated primary current/rated secondary current [A/A]
- Rated burden and accuracy class for each winding [VA]
- Short-time thermal current  $I_{th}$
- Dimension of the window [mm]
- Standard
- Quantity

### Order example

KOKM 1 FC 8; 600/5 A/A; 10 VA; 0.5;  $I_{th} = 60 * I_{pr} / 1s$ ; IEC 61869-1; 9 Pcs.

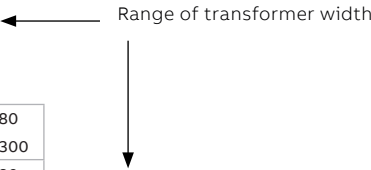
### Terminal markings



—  
01

**KOKM 1 dimension table**

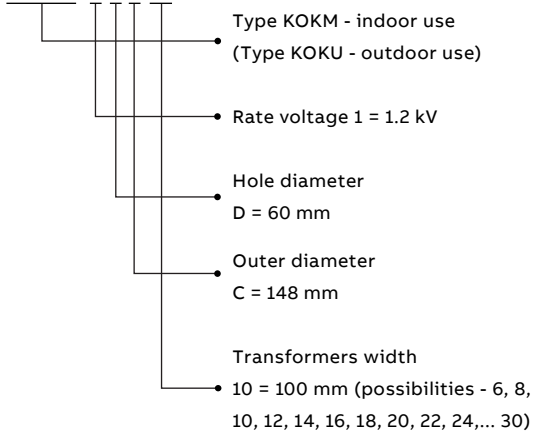
Outer diameter mm	Hole diameter (mm)*																Drawing	Casting height (mm)	Total height (mm)	Hole center height	
	A	B	D	E	F	G	H	K	N	R	S	U	V	W	X	Y					Z
C 148	60	60	60	60	60													KOKM 1_C_	183	227	112
	160	160	160	160	160																
F 186	60	60	60	60	60	60	60											KOKM 1_F_	212	256	130
	160	160	160	160	160	160	160														
H 200	80	80	80	80	80	80	80	80										KOKM 1_H_	235	279	138
	180	180	180	180	180	180	180	180													
J 235	80	80	80	80	80	80	80	80	80									KOKM 1_J_	265	309	158
	300	300	300	300	300	300	300	300	300												
K 250	80	80	80	80	80	80	80	80	80	80								KOKM 1_K_	274	318	158
	200	200	200	200	200	200	200	200	200	200											
L 270	80	80	80	80	80	80	80	80	80	80	80							KOKM 1_L_	296	340	158
	200	200	200	200	200	200	200	200	200	200	200										
M 280	80	80	80	80	80	80	80	80	80	80	80							KOKM 1_M_	298	342	158
	240	240	240	240	240	240	240	240	240	240	240										
P 340		80	80	80	80	80	80	80	80	80	80	80						KOKM 1_P_	379	423	204
		200	200	200	200	200	200	200	200	200	200	200									
S 400		80	80	80	80	80	80	80	80	80	80	80	80					KOKM 1_S_	415	459	225
		200	200	200	200	200	200	200	200	200	200	200	200								
T 450				80	80	80	80	80	80	80	80	80	80	80				KOKM 1_T_	465	491	225
				200	200	200	200	200	200	200	200	200	200	200							
W 590					80	80	80	80	80	80	80	80	80	80	80	80	80	KOKM 1_W_	605	631	300
					200	200	200	200	200	200	200	200	200	200	200	200	200				



\*Tolerance of the hole diameter is defined for the narrowest dimension (P2 side).

**Example of code designation**

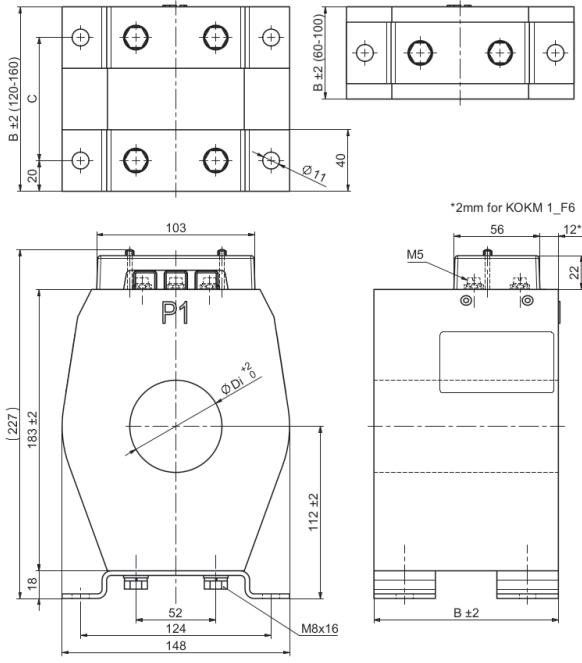
**KOKM 1 DC 10**



## Dimensional Drawings

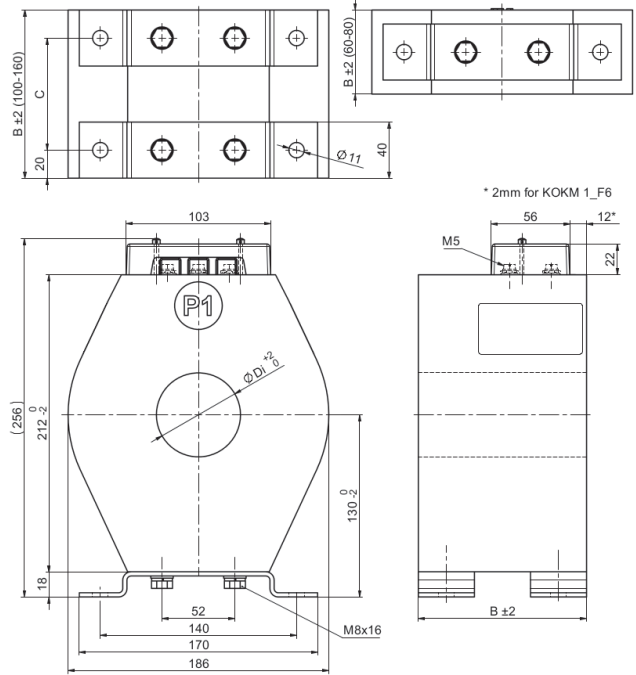
**Note:** Unless explicitly stated, all dimensions and tolerances are valid with generally defined tolerance 0,6 %. Tolerance applies to the all geometric characteristics including form variation of the products. All dimensional references representing a diameter or radius of a circles are defined as the minimal value of a real dimension.

### KOKM 1\_C\_



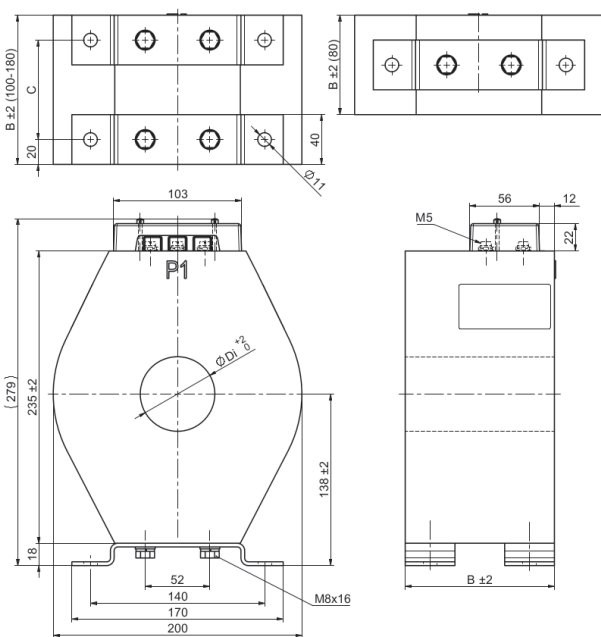
	A	B	D	E	F	
Di =	33	42	60	70	85	
	6	8	10	12	14	16
B =	60	80	100	120	140	160
C =	-	-	-	80	100	120

### KOKM 1\_F\_



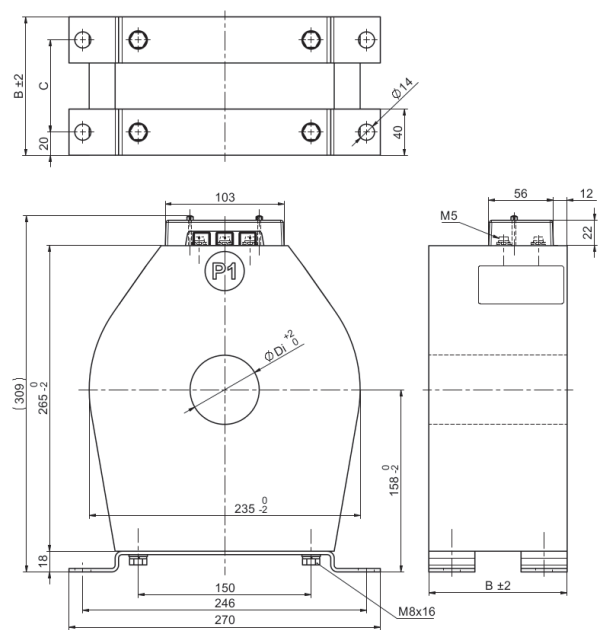
	A	B	D	E	F	G	H
Di =	33	42	60	70	85	90	100
	6	8	10	12	14	16	
B =	60	80	100	120	140	160	
C =	-	-	60	80	100	120	

### KOKM 1\_H\_



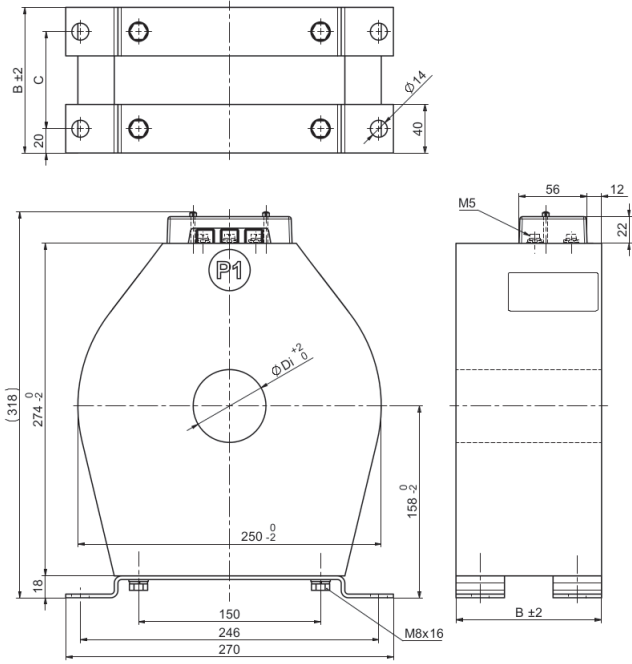
	A	B	D	E	F	G	H	K
Di =	33	42	60	70	85	90	100	120
	8	10	12	14	16	18		
B =	80	100	120	140	160	180		
C =	-	60	80	100	120	140		

### KOKM 1\_J\_



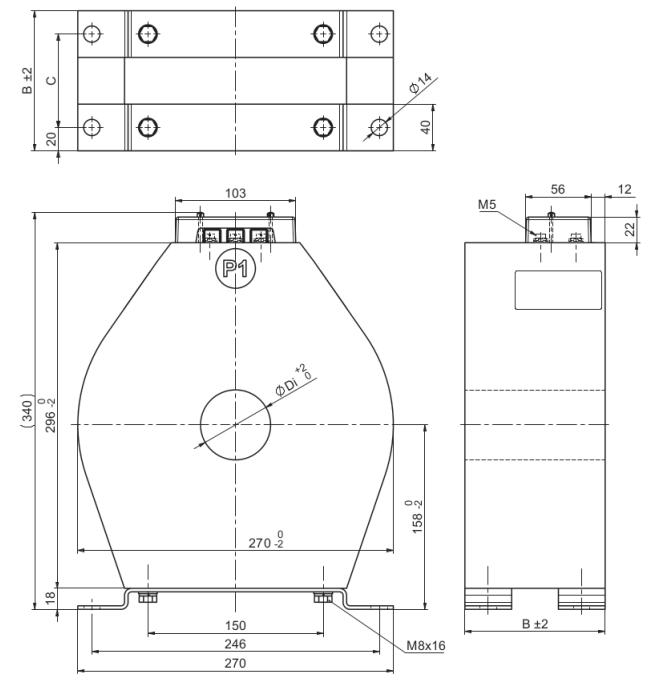
	A	B	D	E	F	G	H	K	N
Di =	33	42	60	70	85	90	100	120	155
	8	10	12	14	16	18	20	22	24
B =	80	100	120	140	160	180	200	220	240
C =	40	60	80	100	120	140	160	180	200

KOKM 1\_K\_



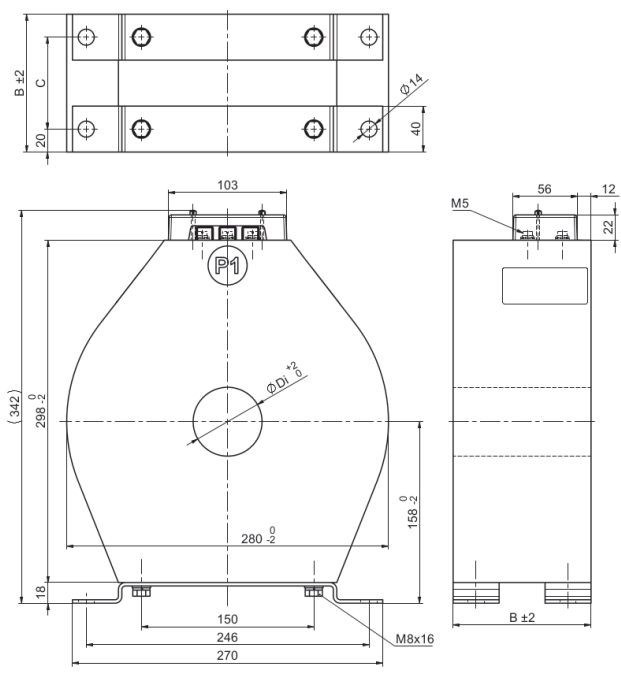
	A	B	D	E	F	G	H	K	N
Di =	33	42	60	70	85	90	100	120	155
	8	10	12	14	16	18	20		
B =	80	100	120	140	160	180	200		
C =	40	60	80	100	120	140	160		

KOKM 1\_L\_



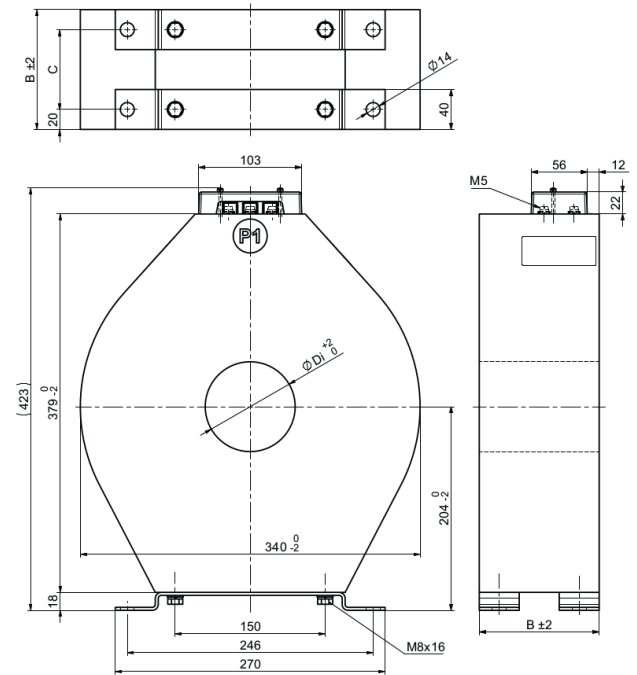
	A	B	D	E	F	G	H	K	N	R	S
Di =	33	42	60	70	85	90	100	120	155	180	200
	8	10	12	14	16	18	20				
B =	80	100	120	140	160	180	200				
C =	40	60	80	100	120	140	160				

KOKM 1\_M\_



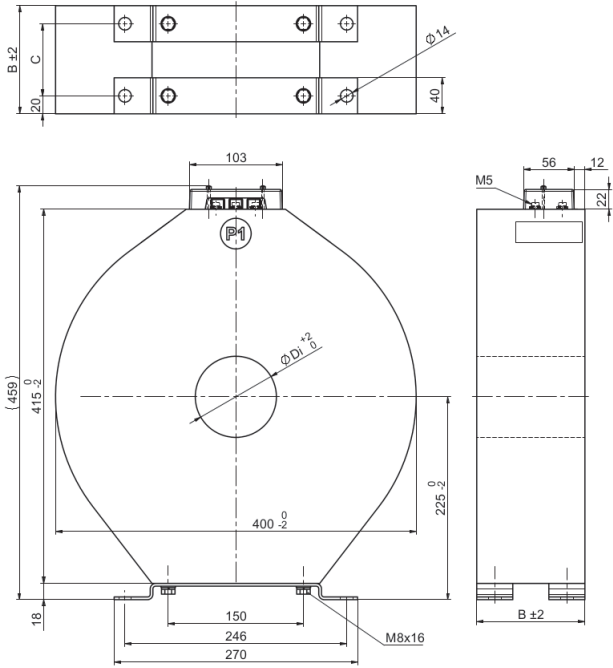
	A	B	D	E	F	G	H	K	N	R	S
Di =	33	42	60	70	85	90	100	120	155	180	200
	8	10	12	14	16	18	20	22	24		
B =	80	100	120	140	160	180	200	220	240		
C =	40	60	80	100	120	140	160	180	200		

KOKM 1\_P\_



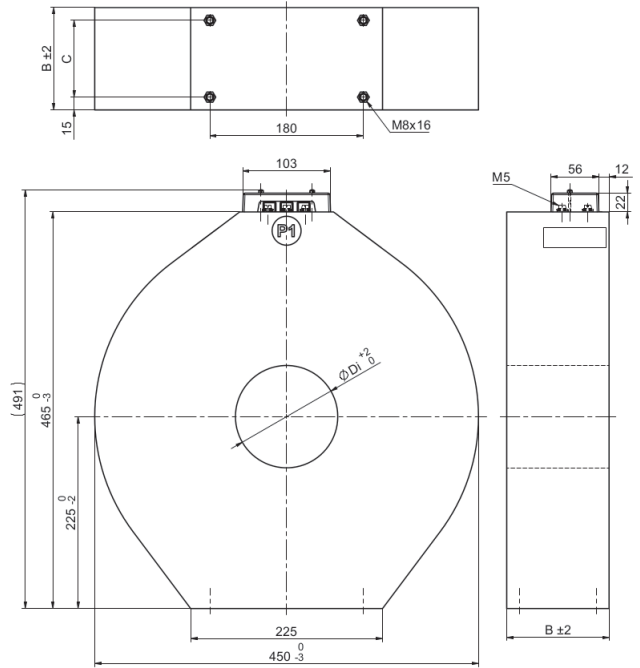
	B	D	E	F	G	H	K	N	R	S	U
Di =	42	60	70	85	90	100	120	155	180	200	250
	8	10	12	14	16	18	20				
B =	80	100	120	140	160	180	200				
C =	40	60	80	100	120	140	160				

KOKM 1\_S\_



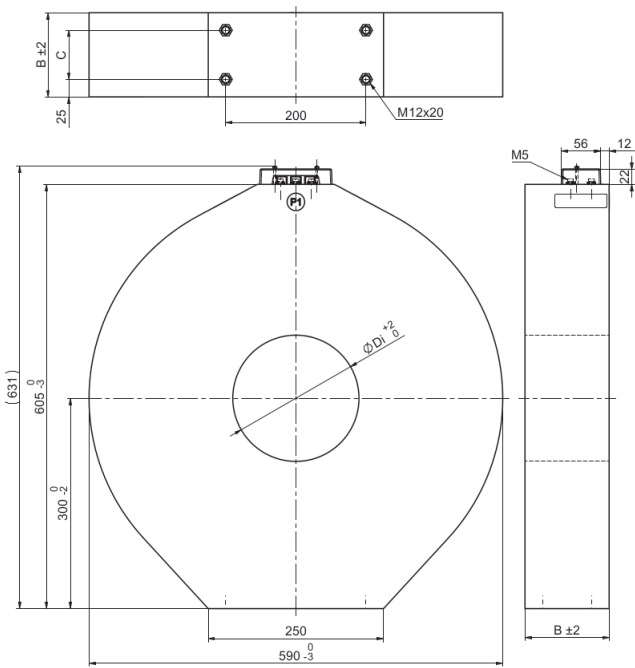
KOKM 1_S_												
B	D	E	F	G	H	K	N	R	S	U	V	
Di =	42	60	70	85	90	100	120	155	180	200	250	315
	8	10	12	14	16	18	20					
B =	80	100	120	140	160	180	200					
C =	40	60	80	100	120	140	160					

KOKM 1\_T\_



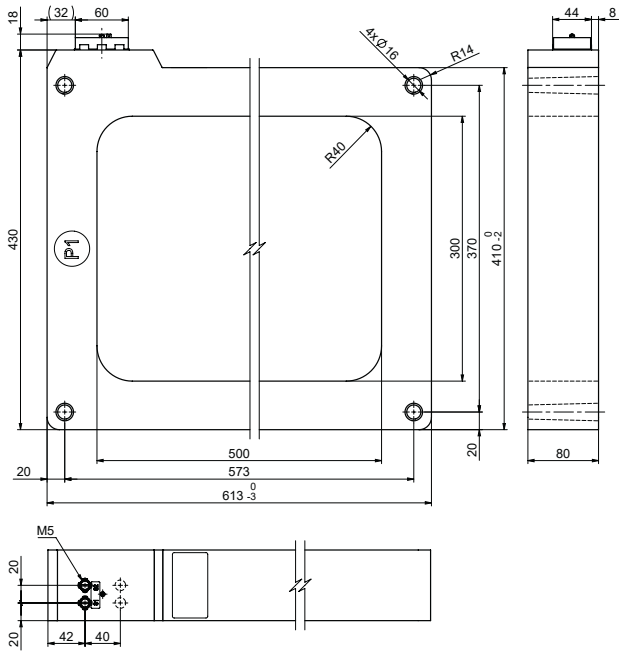
KOKM 1_T_												
F	G	H	K	N	R	S	U	V	W			
Di =	85	90	100	120	155	180	200	250	315	350		
	8	10	12	14	16	18	20					
B =	80	100	120	140	160	180	200					
C =	50	70	90	110	130	150	170					

KOKM 1\_W\_

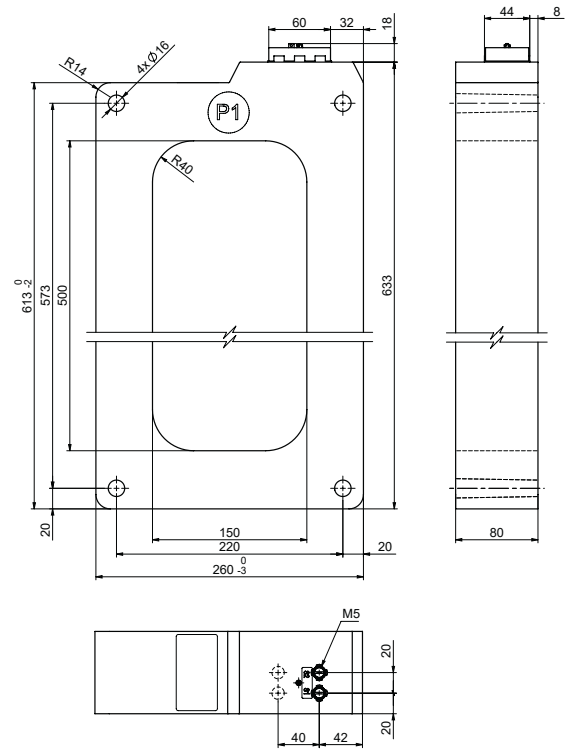


KOKM 1_W_												
G	H	K	N	R	S	U	V	W	X	Y	Z	
Di =	90	100	120	155	180	200	250	315	350	400	450	500
	8	10	12	14	16	18	20					
B =	80	100	120	140	160	180	200					
C =	30	50	70	90	110	130	150					

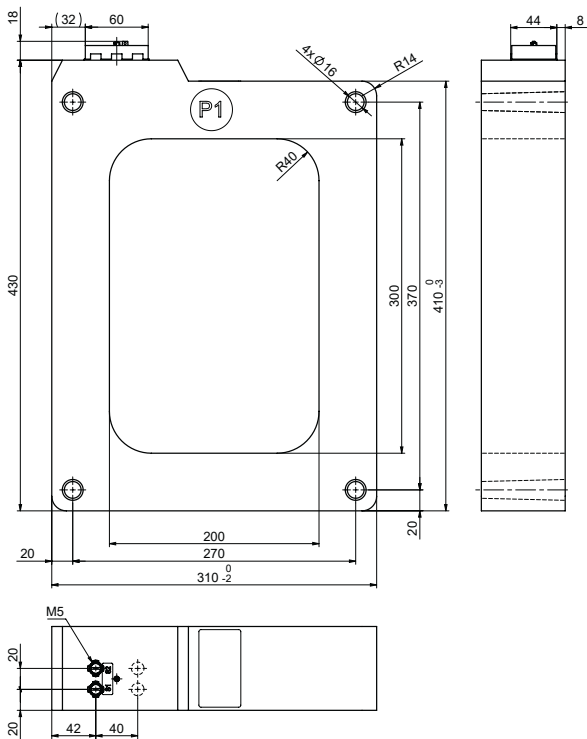
KOKM 06 J2



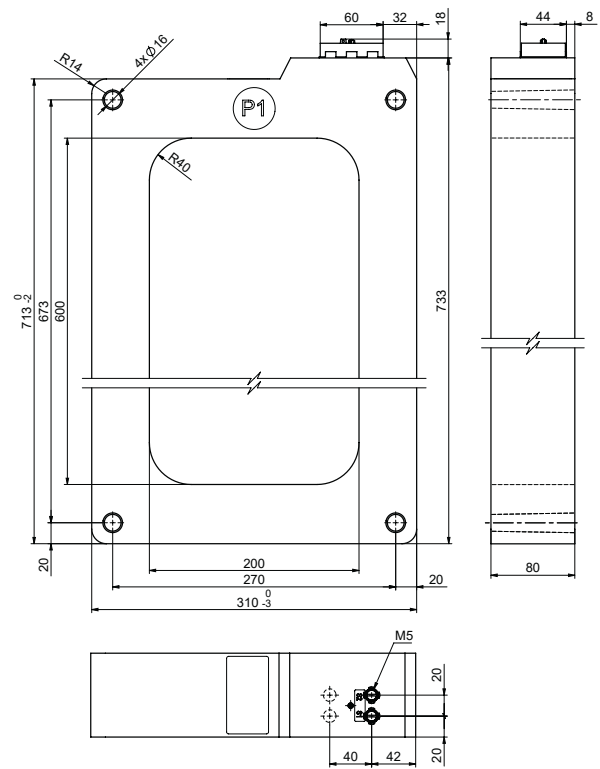
KOKM 06 J21



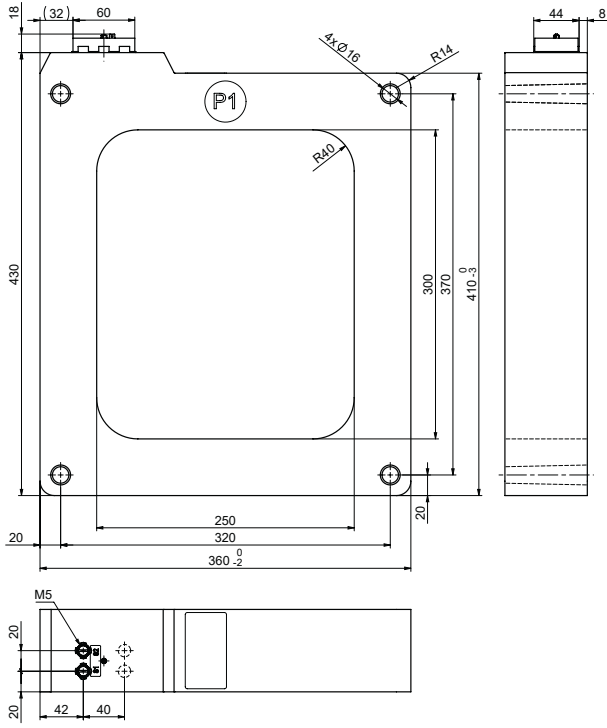
KOKM 06 J22



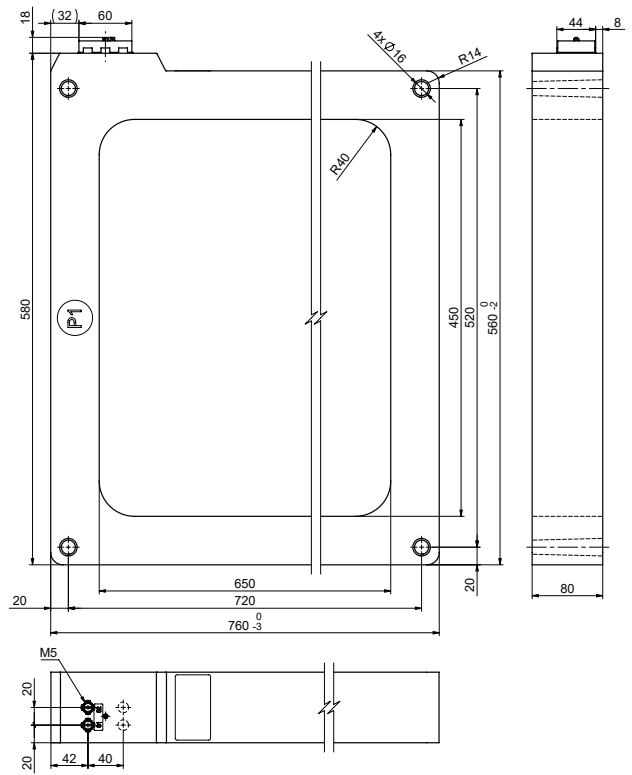
KOKM 06 J23



**KOKM 06 J24**



**KOKM 06 J29**





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