THROUGH-WALL BUSHING INSULATORS



1969 ZAJEČAR FMT

MINEL FEPO 1956

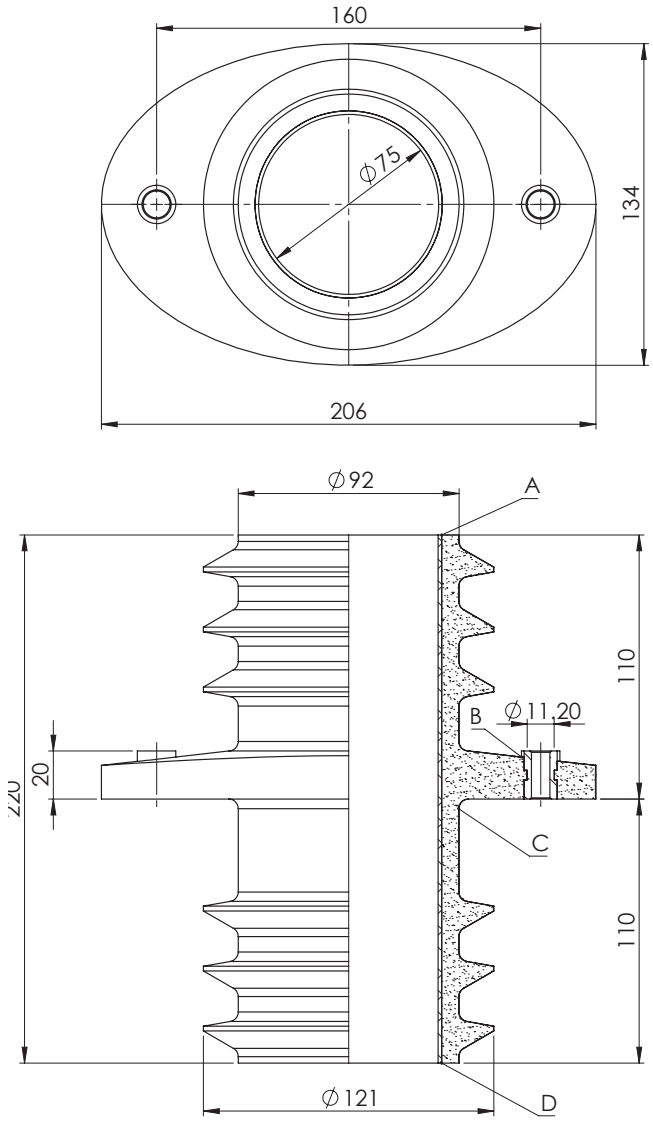
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THROUGH-WALL BUSHING INSULATORS FROM 6 kV TO 38 kV

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IPU-12, IPU-24, IPU 38 30

PI 12/75



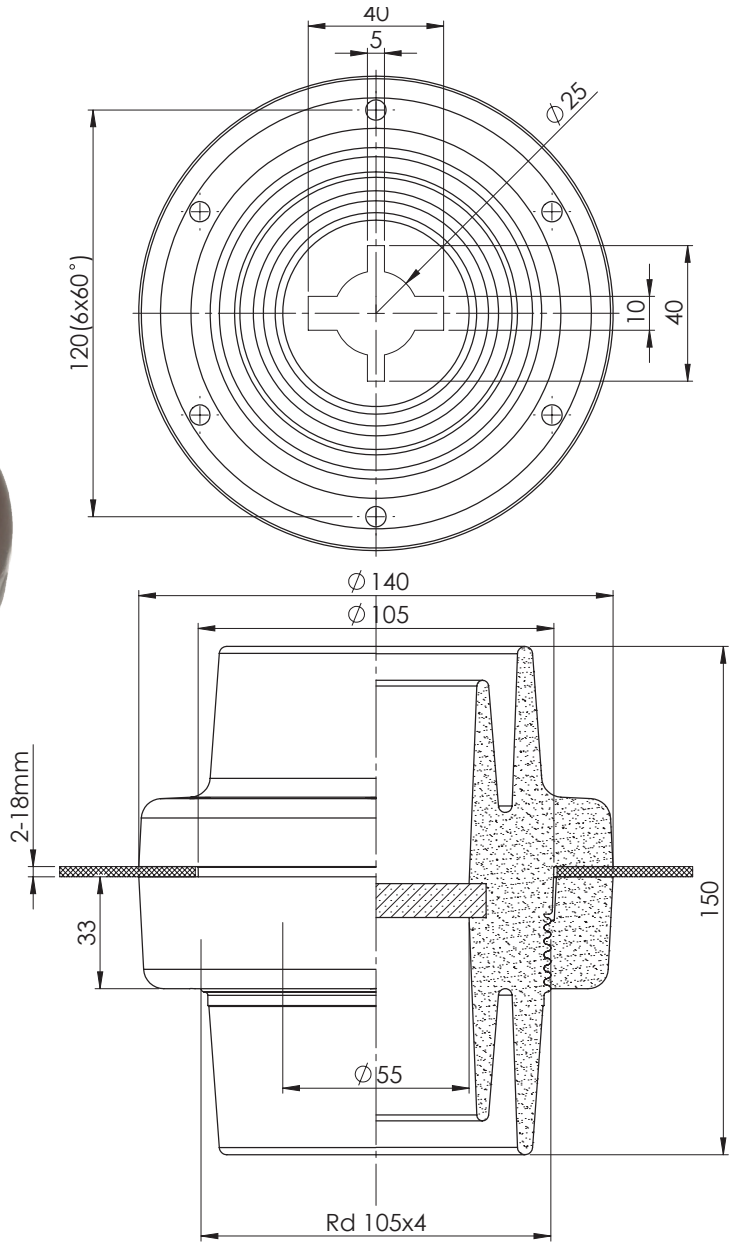


Through-wall bushing insulators **PI 12/75**

TECHNICAL DATA	PI 12/75
Rated voltage (kV)	10
Highest voltage for equipment (eff.) (kV)	12
Breaking force (kN)	10
Colour	Brown
Standard	IEC 60173:2017
Mounting	Indoor
Operation temperature (°C)	-40°C up to +125°C
Type of main insulation	Epoxy resin
Mass (kg)	1,9
Creepage distance A-B (mm)	148
Creepage distance C-D (mm)	161

BI 20/55





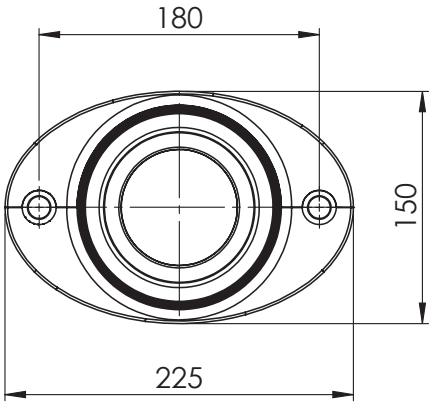
Through-wall bushing insulator **BI 20/55**

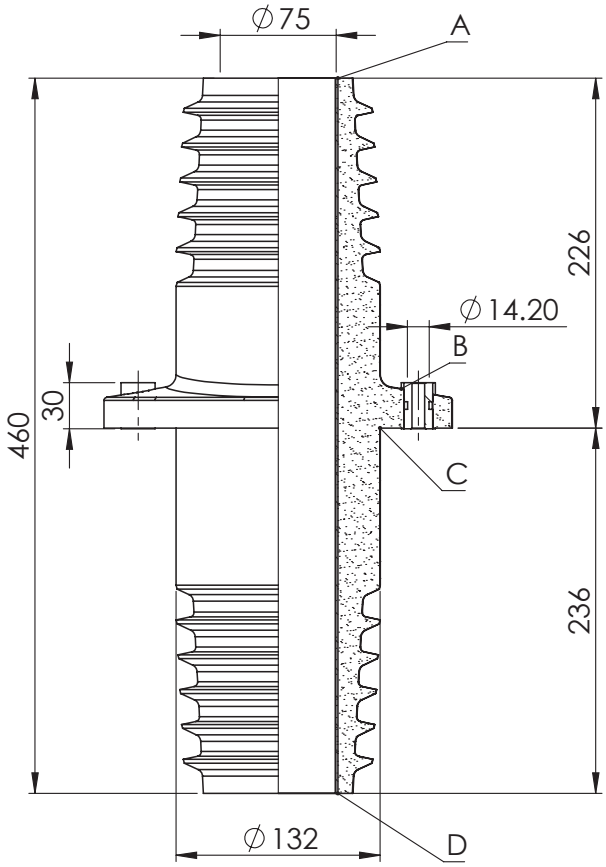
TECHNICAL DATA	BI 20/55
Rated voltage (kV)	20
Highest voltage for equipment (eff.) (kV)	24
Busbar dimensions (mm)	40x10; 40x5; Ø25
Colour	Brown
Standard	IEC 60173:2017
Mounting	Indoor
Operation temperature (°C)	-40°C up to +125°C
Type of main insulation	Epoxy resin
Mass (kg)	1,5

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PI 24/75





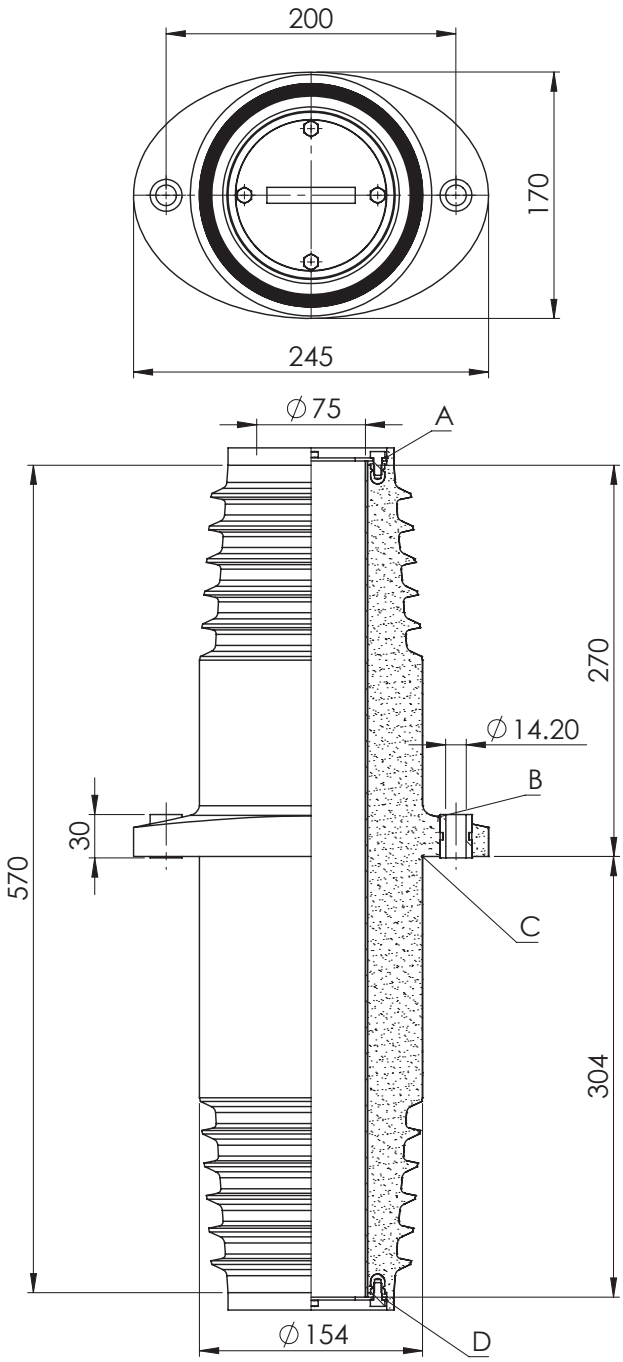


Through-wall bushing insulators **PI 24/75**

TECHNICAL DATA	PI 24/75
Rated voltage (kV)	20
Highest voltage for equipment (eff.) (kV)	24
Breaking force (kN)	10
Colour	Brown
Standard	IEC 60173:2017
Mounting	Indoor
Operation temperature (°C)	-40°C up to +125°C
Type of main insulation	Epoxy resin
Mass (kg)	6,5
Creepage distance A-B (mm)	283
Creepage distance C-D (mm)	288

PI 38/75





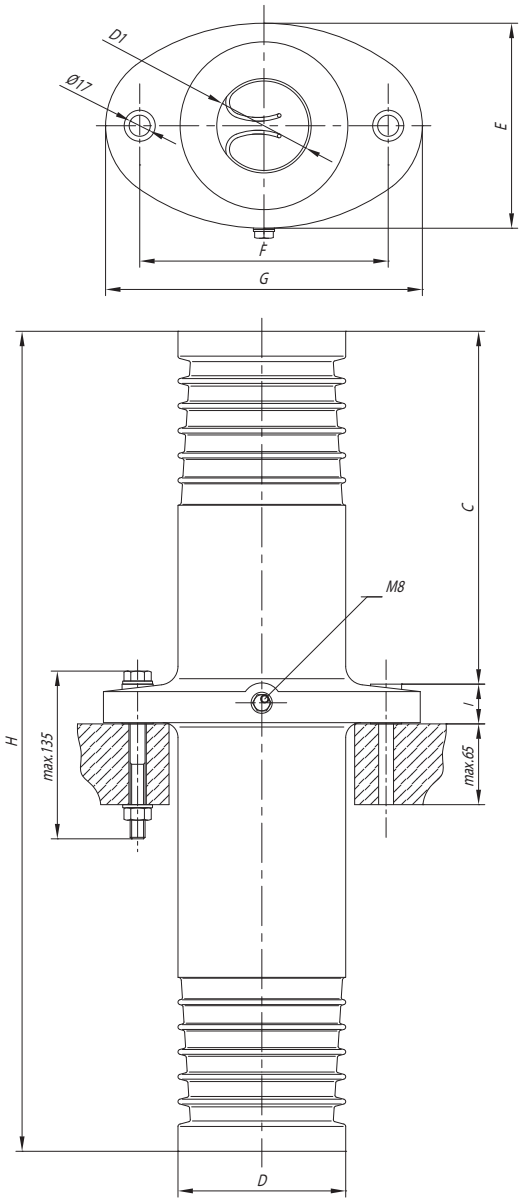
Through-wall bushing insulators **PI 38/75**

TECHNICAL DATA	PI 35/75
Rated voltage (kV)	35
Highest voltage for equipment (eff.) (kV)	38
Breaking force (kN)	10
Colour	Brown
Standard	IEC 60173:2017
Mounting	Indoor
Operation temperature (°C)	-40°C up to +130°C
Type of main insulation	Epoxy resin
Mass (kg)	13,5
Creepage distance A-B (mm)	338
Creepage distance C-D (mm)	342

IPU-12, IPU-24, IPU 38



IPU-38



Through-wall bushing insulators from 10 up to 38 kV **IPU-12, IPU-24, IPU-38**

TECHNICAL DATA	IPU-12	IPU-24	IPU-38
Rated voltage (kV)	10	20	35
Highest voltage for equipment (eff.) (kV)	12	24	38
Rated power-frequency withstand voltage, 1 min. (kV)	28	50	70
Rated impulse withstand voltage 1.2/50 μs (kV)	75	125	170
Mass (kg)	3,1	7,30	12,9
Hole for busbars (mm)	Max. 2x(60x10)		
Valid standard	IEC 60137		
Breaking force (kN)	3,75		
Mounting	Indoor		
Operation temperature	- 40°C up to +125°C		
Type of main insulation	Epoxy resin		

Insulator type	Dimensions (mm)							
	H	ØD	ØD1	C	E	F	G	I
IPU-12	293	110	70	125	130	150	190	20
IPU-24	525	120	70	212	150	180	225	32
IPU-38	660	135	70	284	165	200	255	32

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