



Key Electrical Apparatus &  
Components Manufacturer  
/Professional Service Provider



## Insulation Accessories

- Embedded Pole
- Bushing
- Contact Box
- Insulator & Sensor



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## Our Headquarters

Located in electrical city of China, Green Energy Electrical is a professional exporter, invested by five experienced factories. It has a history of more than ten years in the power and electrical industry, some of which have a history of more than 30 years. We supply power electrical products and OEM/ODM services across LV/MV switchgears and its components & accessories, switching devices, insulation products, cooper machining products and EV Charging. All five factories have ISO9001, ISO14001 certificates. The company aims to make green electrical supply more safe and efficient. Meanwhile, we became Official Authorized Distributor of Eaton Electrical from year 2022.



## 1 Embedded Pole

P1-P30

## 2 Bushing

P31-P34

## 3 Contact Box

P35-P52

## 4 Insulator & Sensor

P53-P62

## Our Factories



# Embedded Pole

Vacuum interrupters poles

## JDT3-12

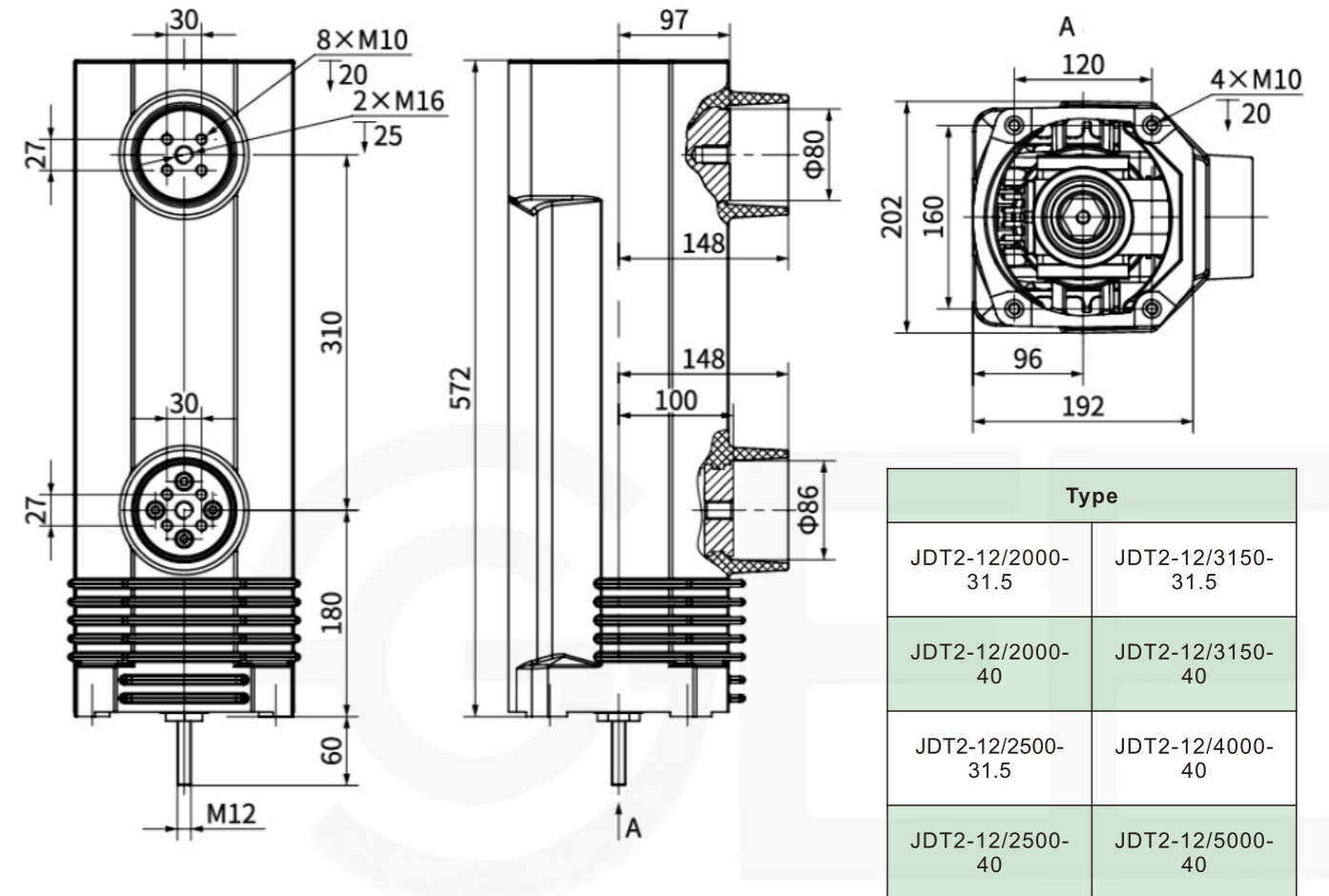
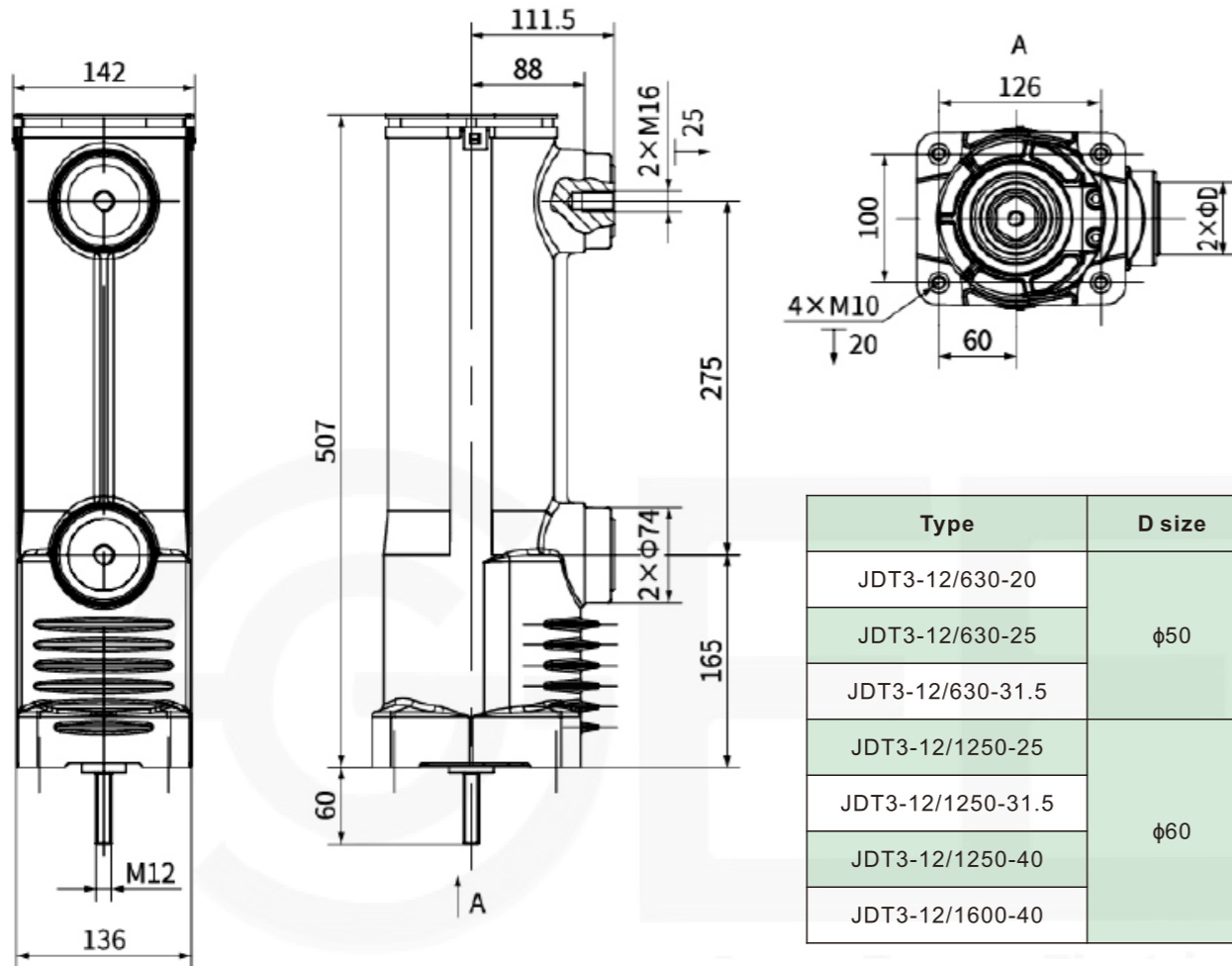


Outline and Installation Dimensions

## JDT2-12



Outline and Installation Dimensions



# Embedded Pole



Vacuum interrupters poles

## JEP1-12

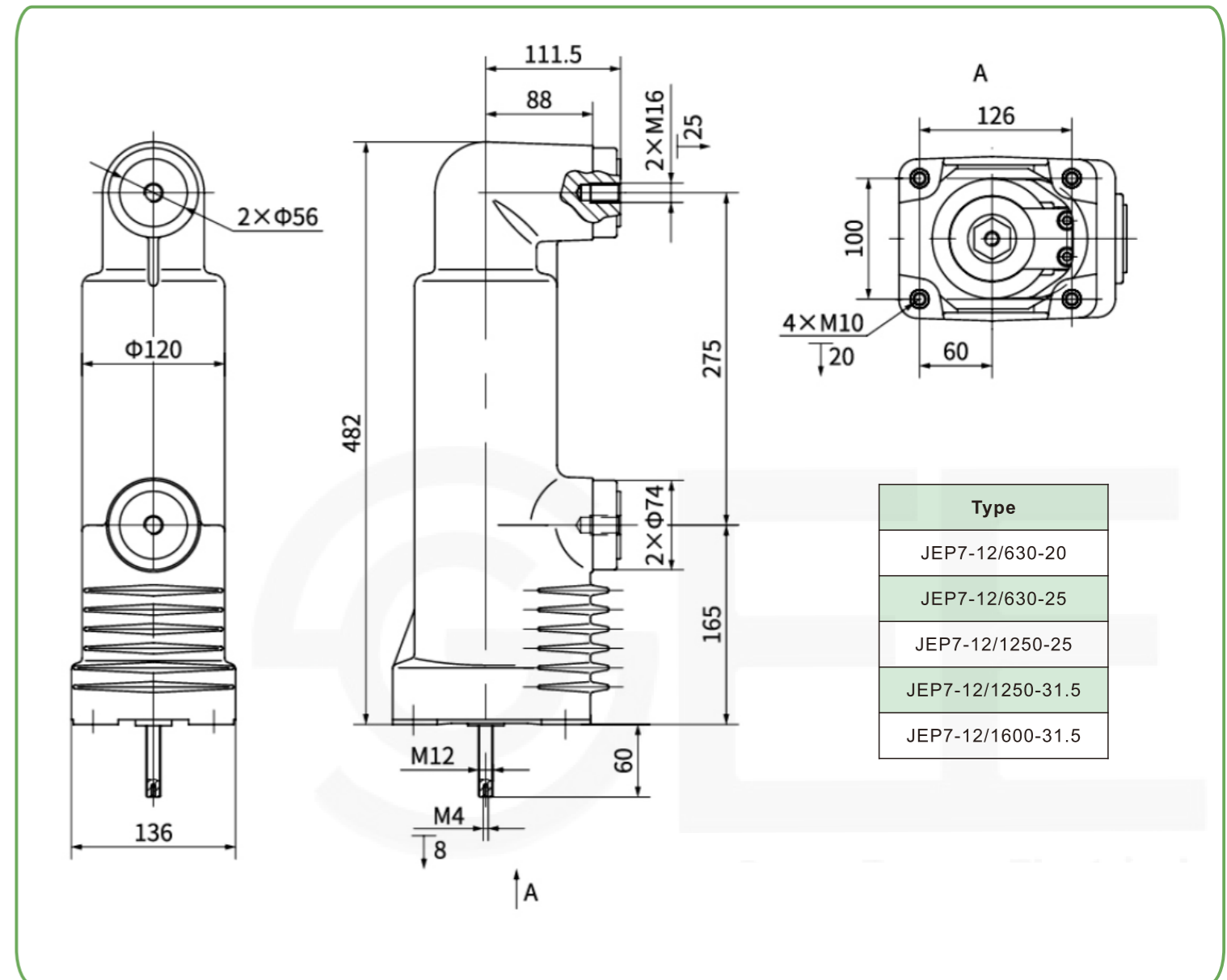
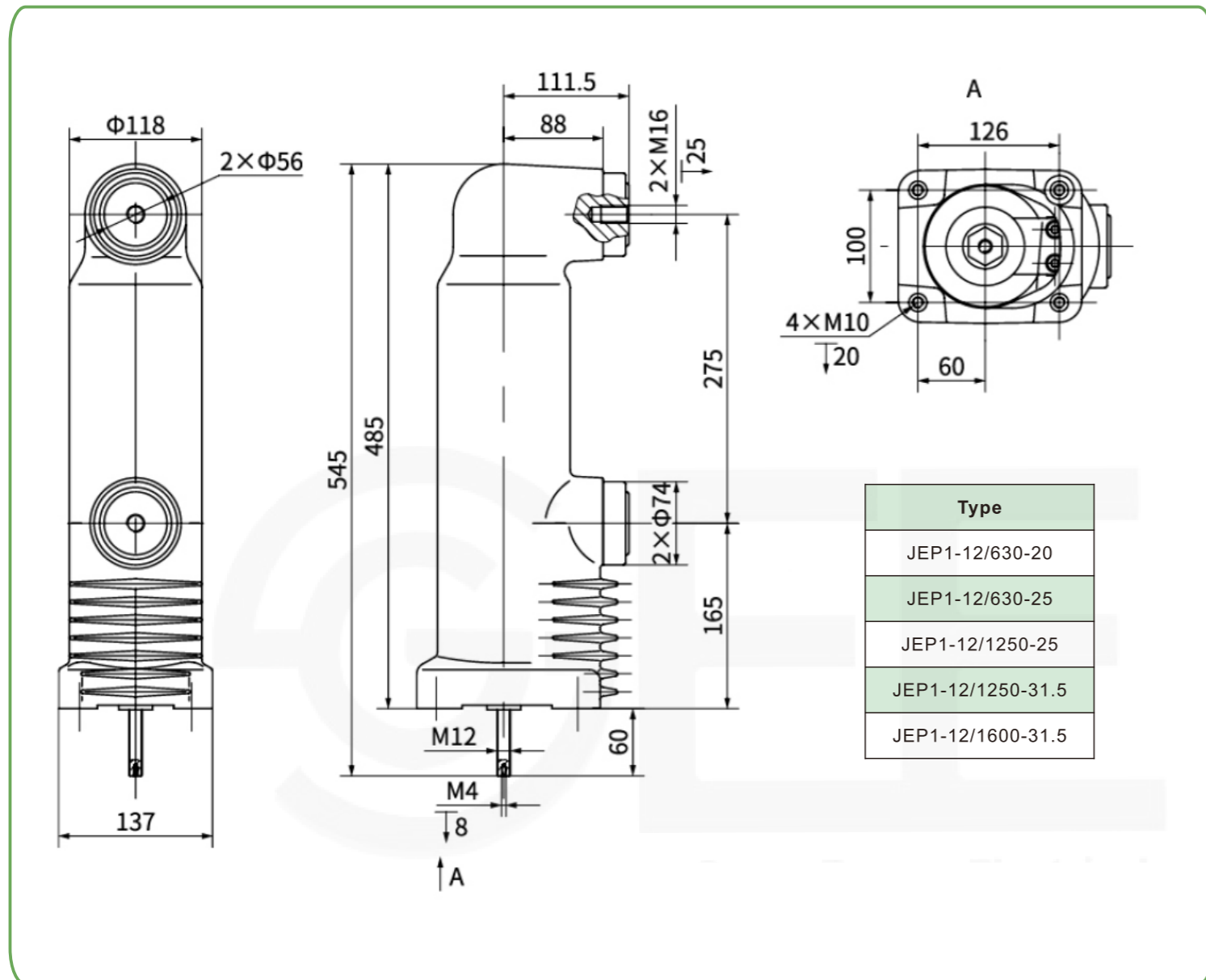


## JEP7-12



Outline and Installation Dimensions

Outline and Installation Dimensions



# Embedded Pole

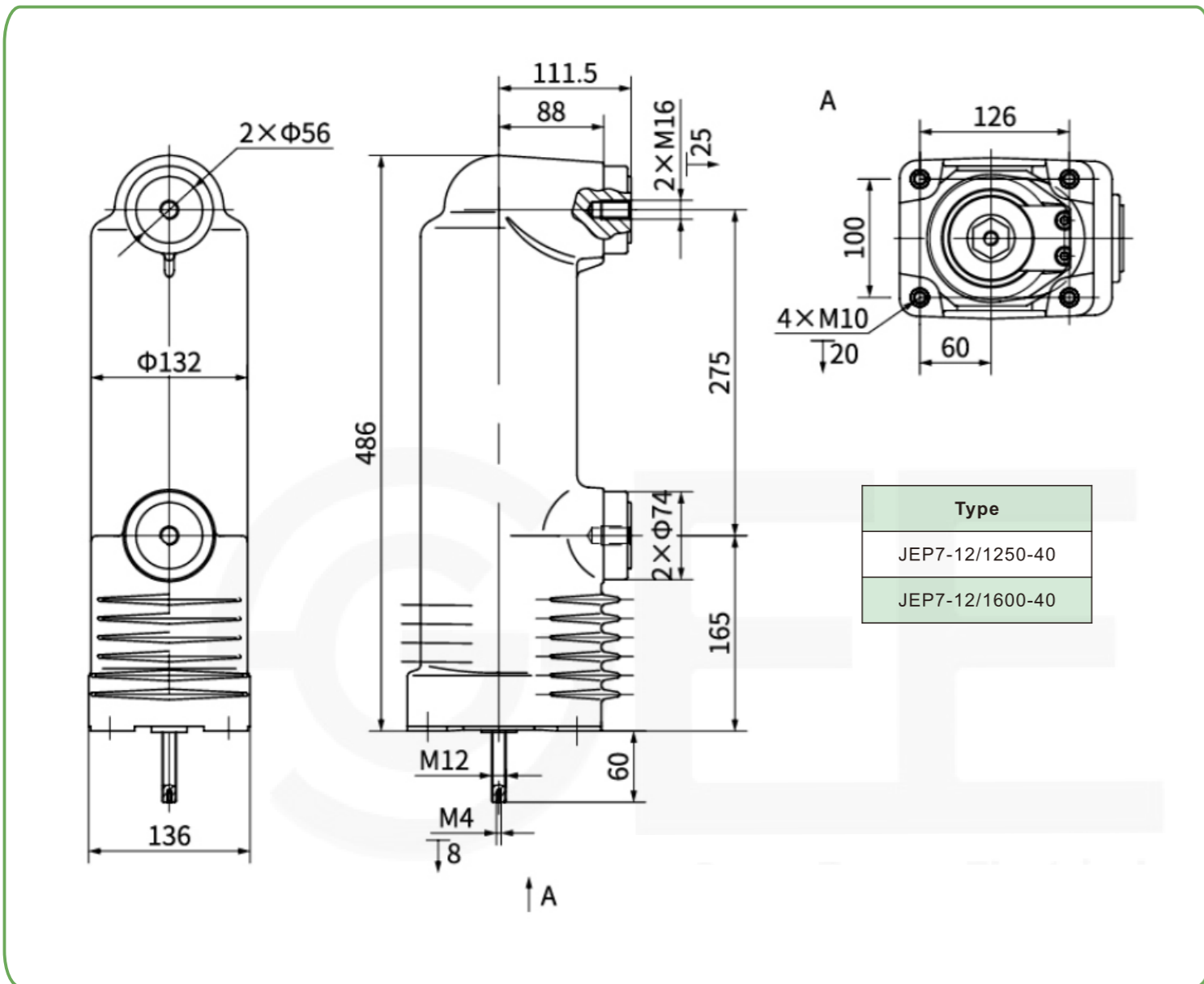


Vacuum interrupters poles



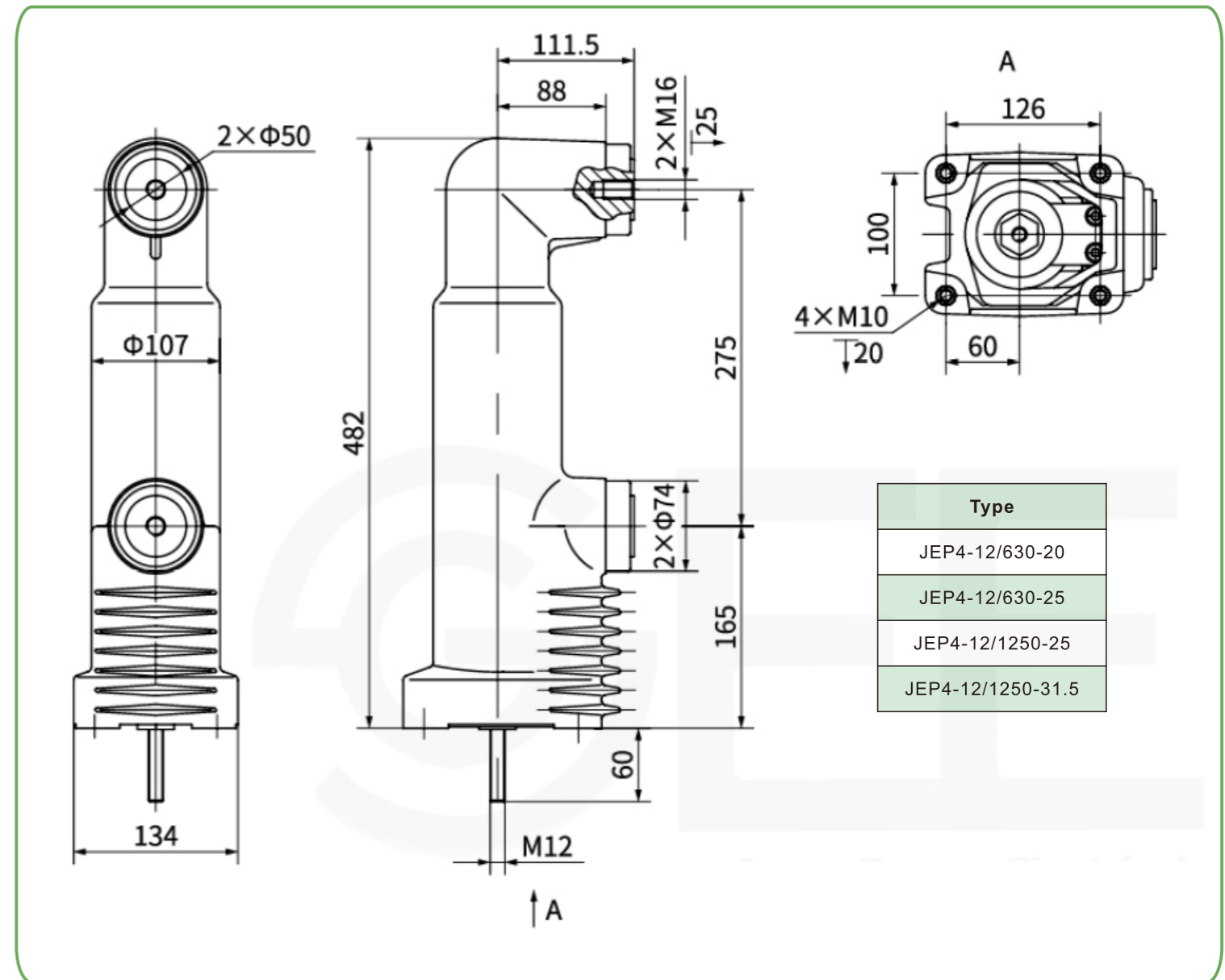
## JEP7-12

Outline and Installation Dimensions



## JEP4-12

Outline and Installation Dimensions



# Embedded Pole

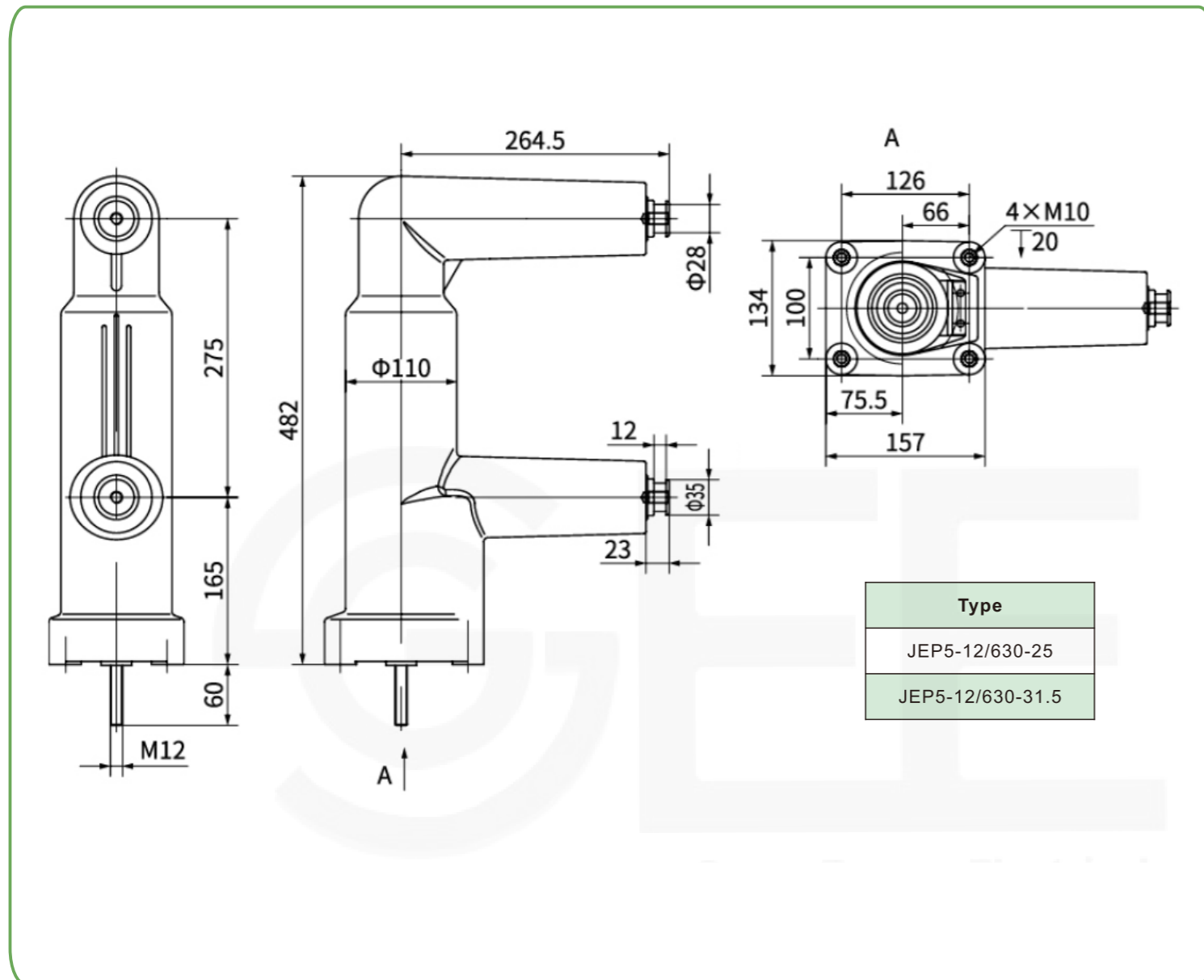


Vacuum interrupters poles

## JEP5-12



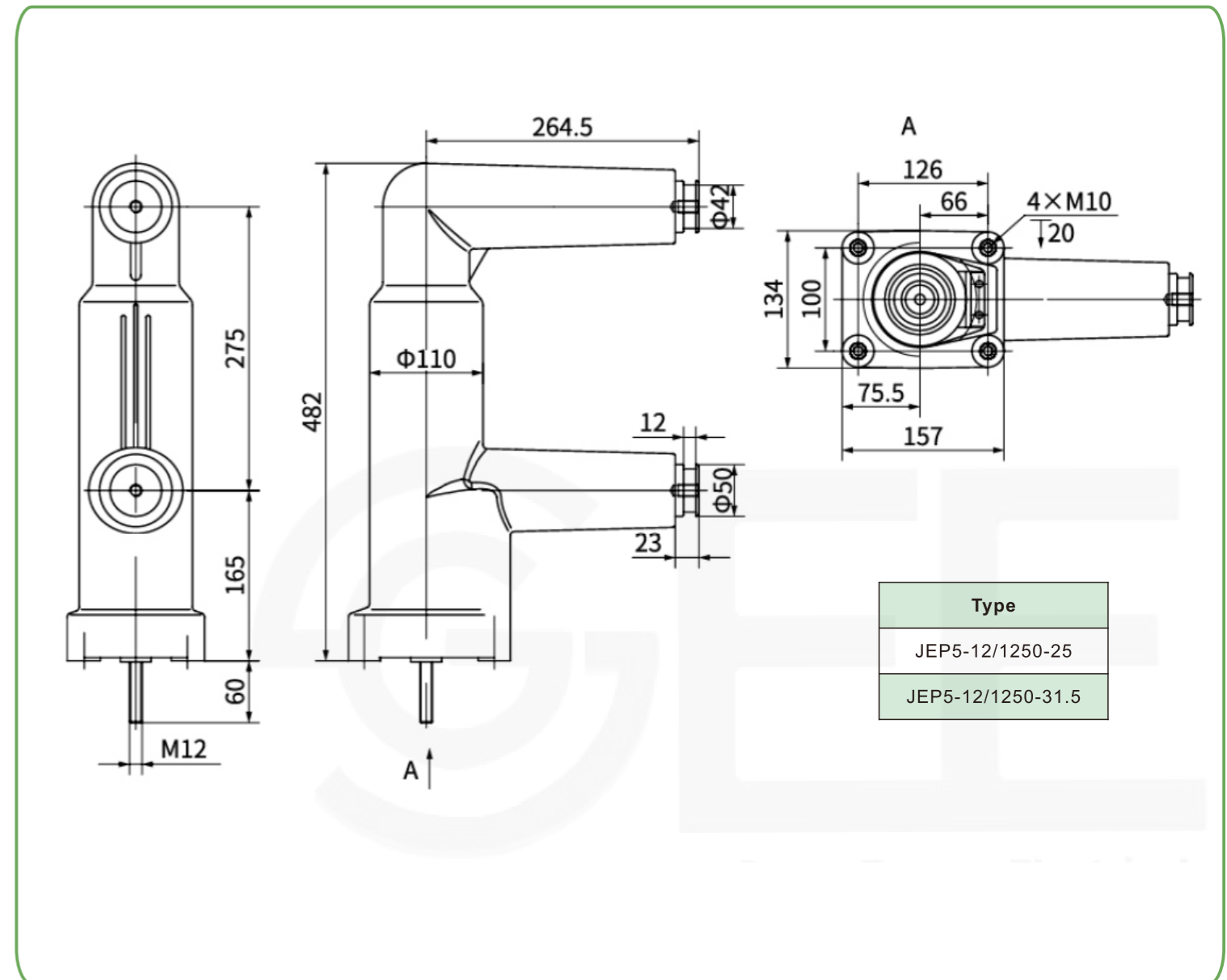
Outline and Installation Dimensions



## JEP5-12



Outline and Installation Dimensions



# Embedded Pole

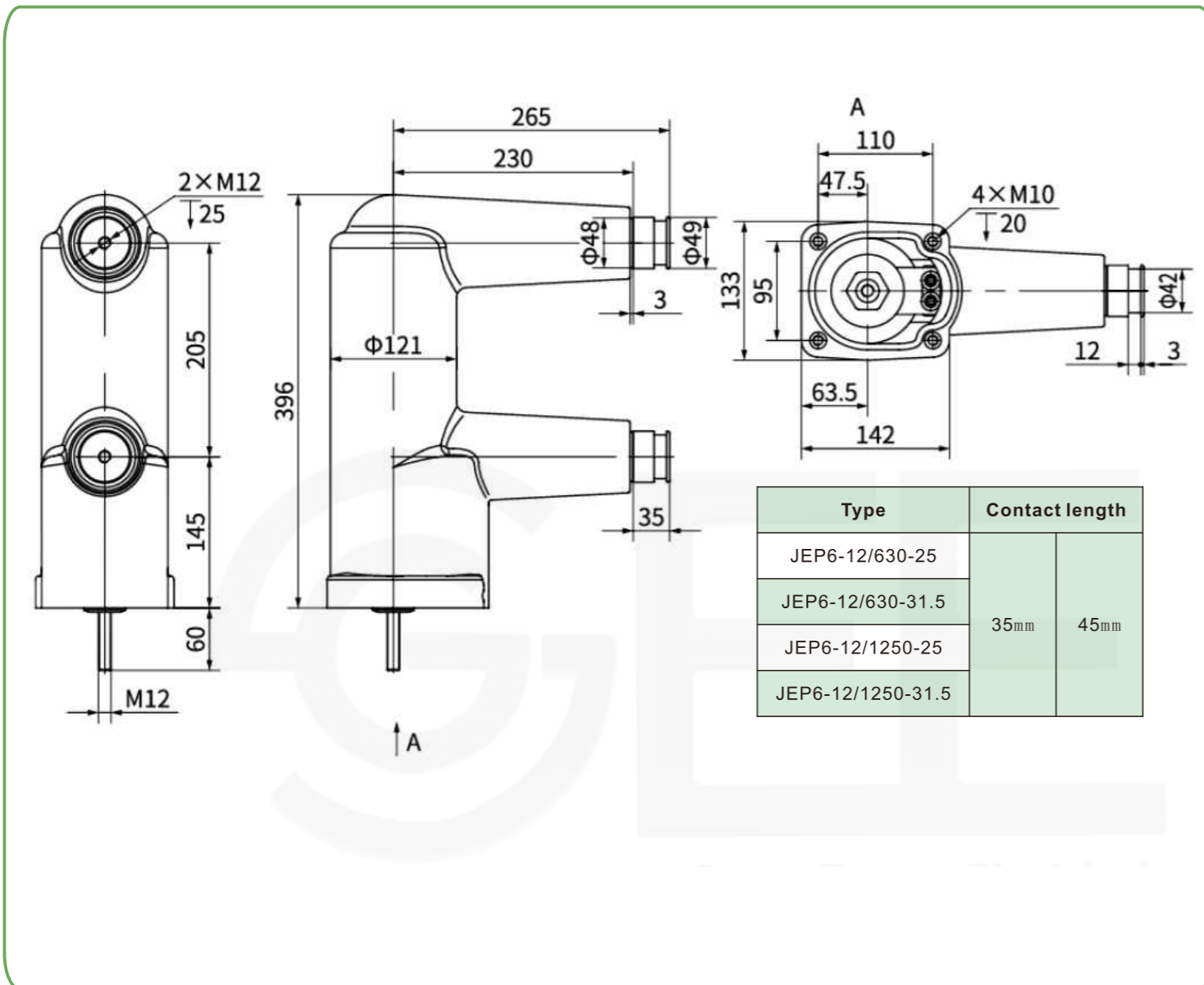


Vacuum interrupters poles

## JEP6-12



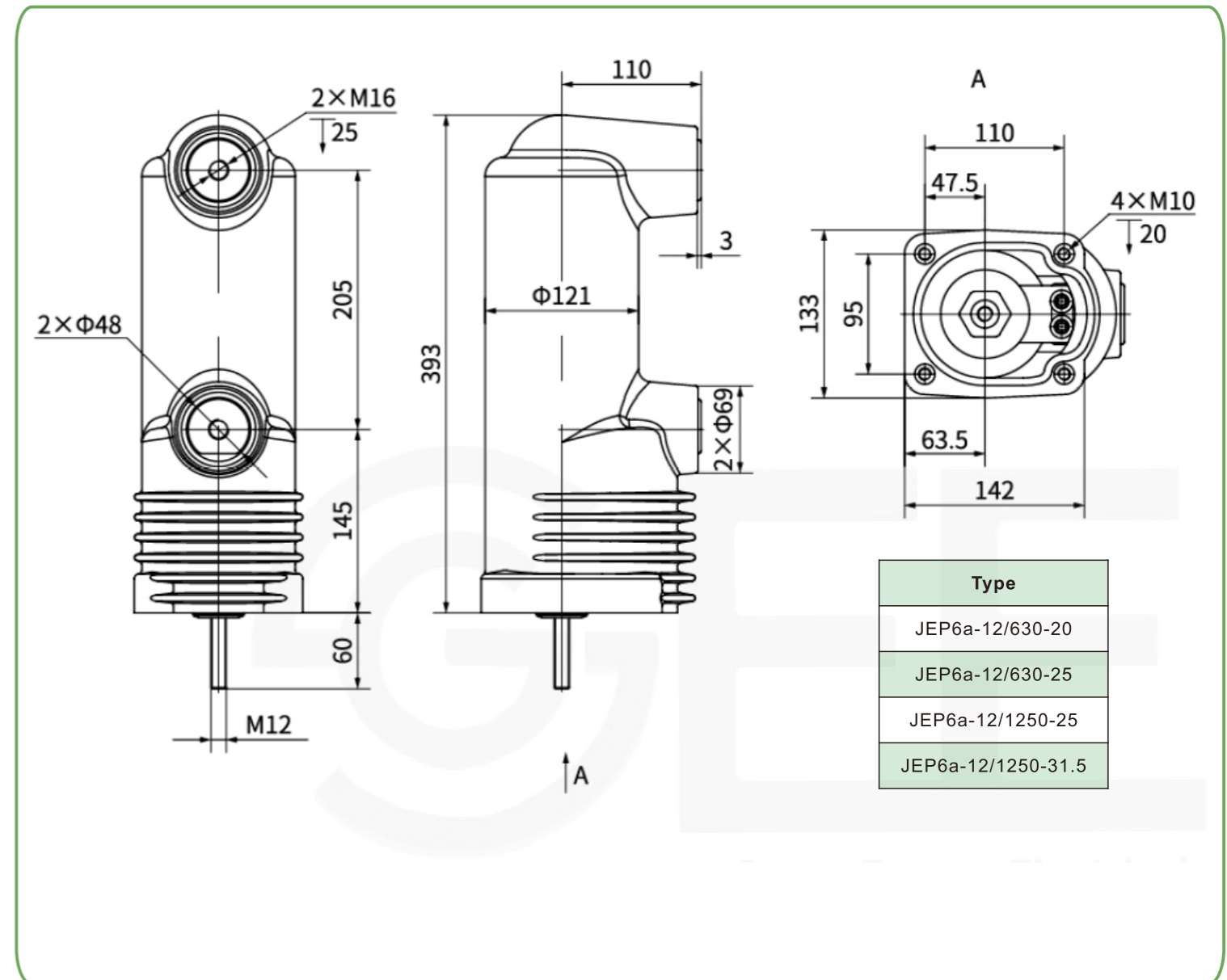
Outline and Installation Dimensions



## JEP6a-12



Outline and Installation Dimensions



# Embedded Pole



Vacuum interrupters poles



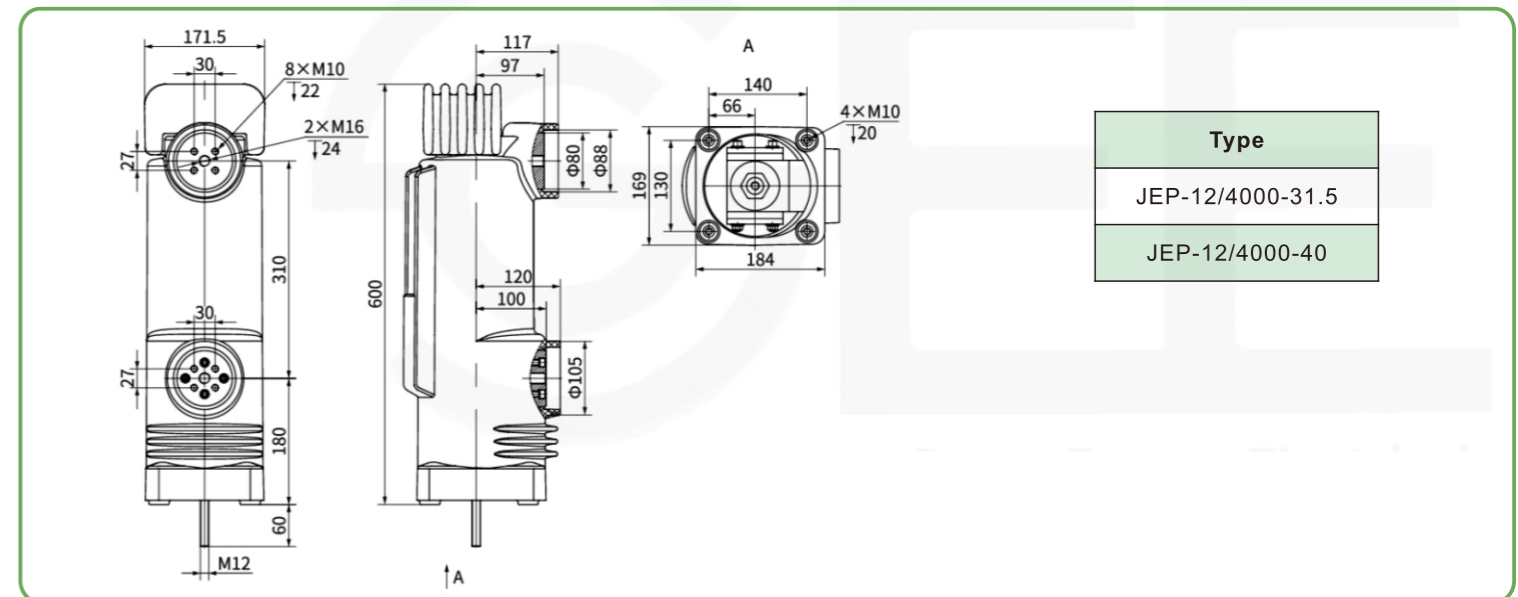
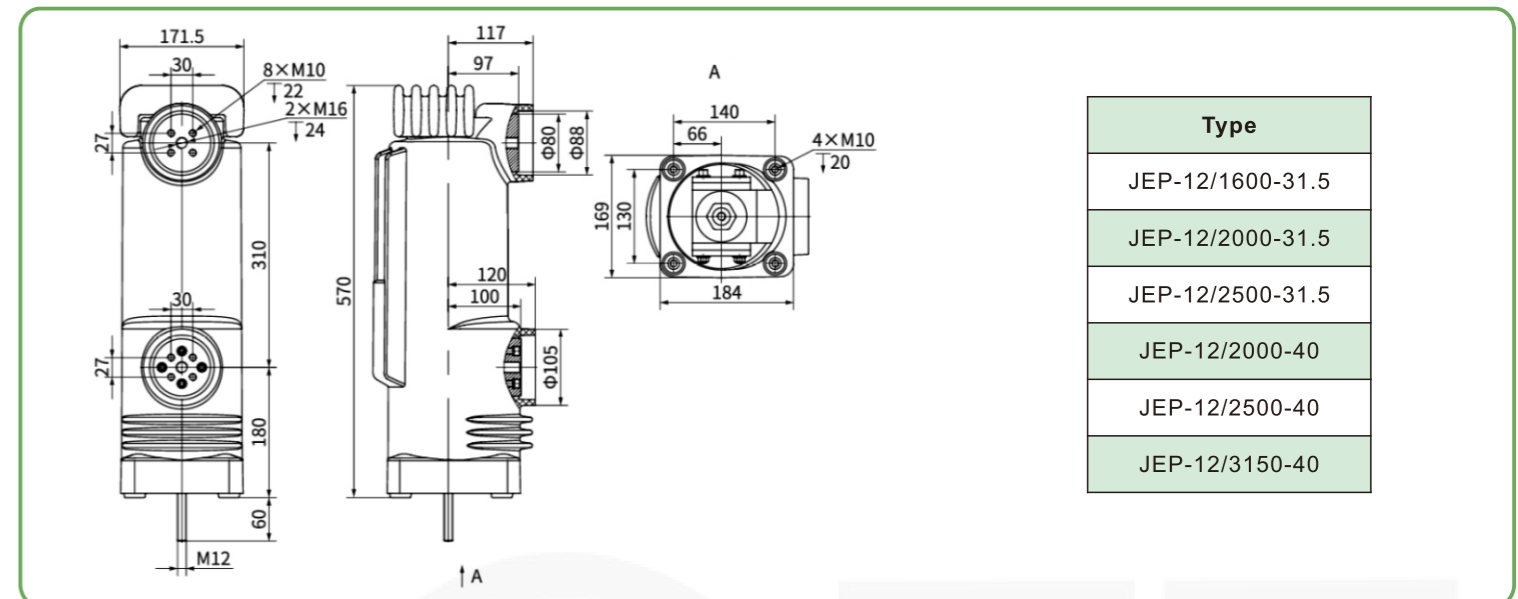
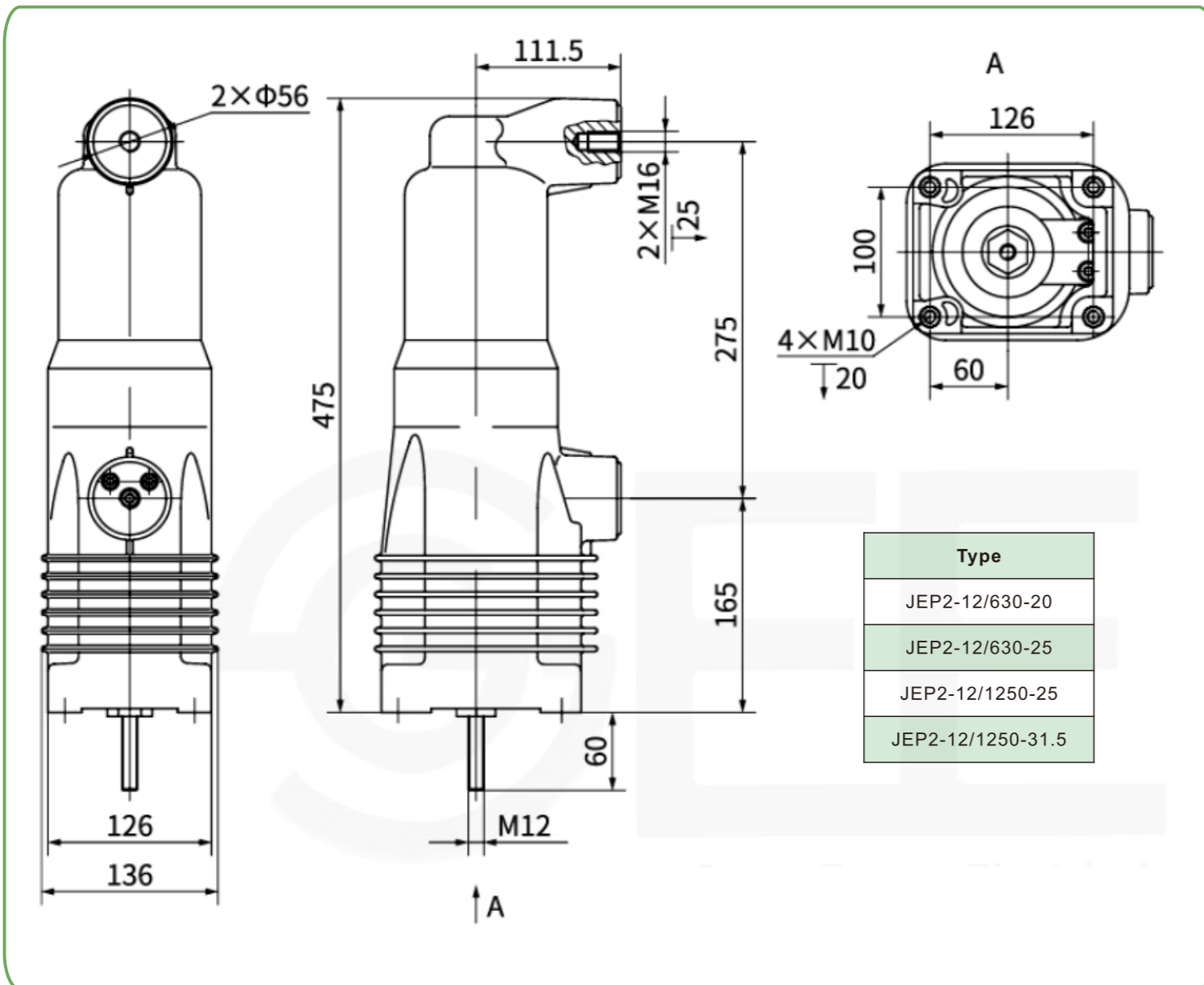
## JEP2-12



## JEP-12

Outline and Installation Dimensions

Outline and Installation Dimensions





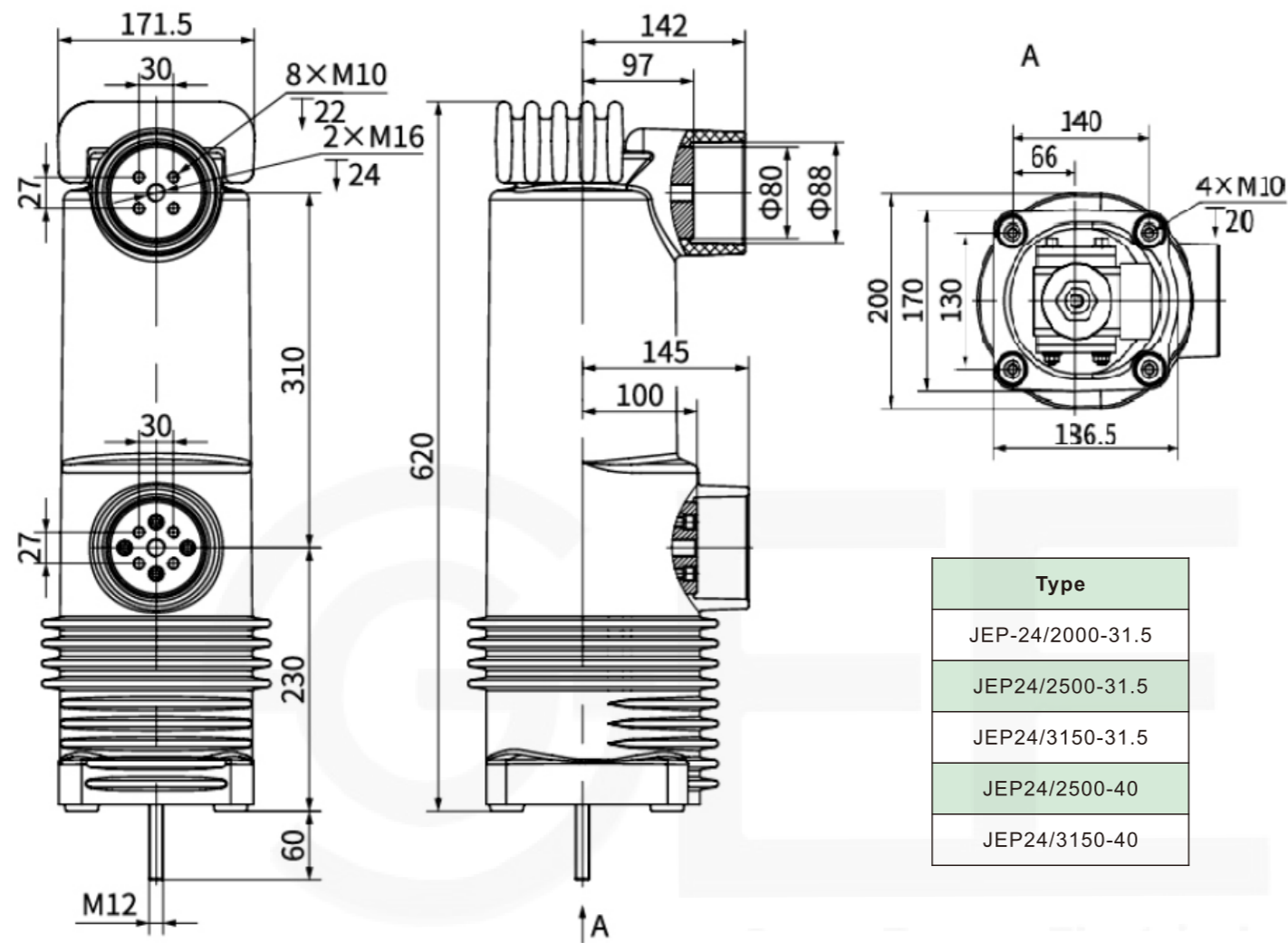
# Embedded Pole

Vacuum interrupters poles

## JEP-24



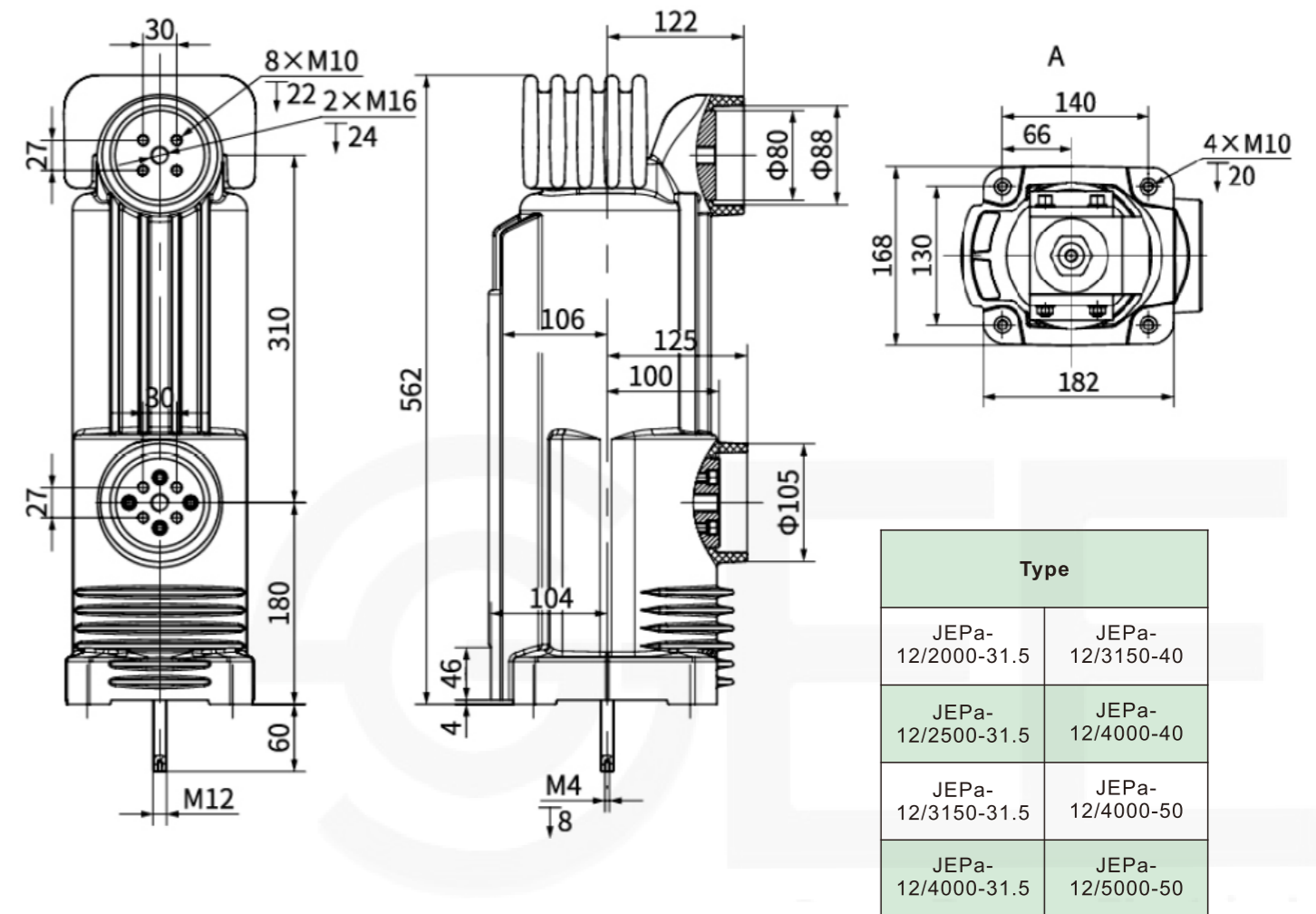
Outline and Installation Dimensions



## JEPa-12



Outline and Installation Dimensions



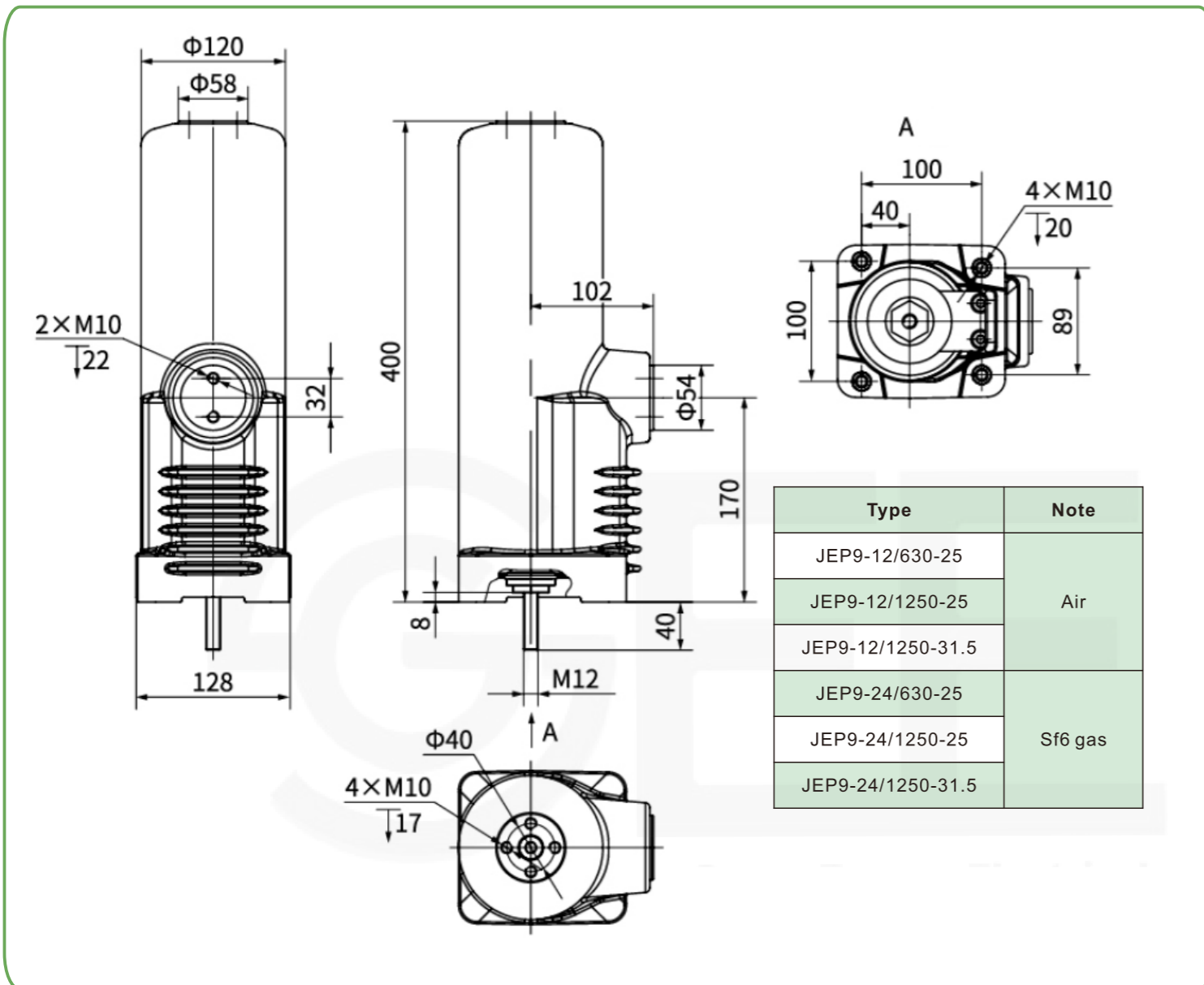
# Embedded Pole

Vacuum interrupters poles

## JEP9-12(24)



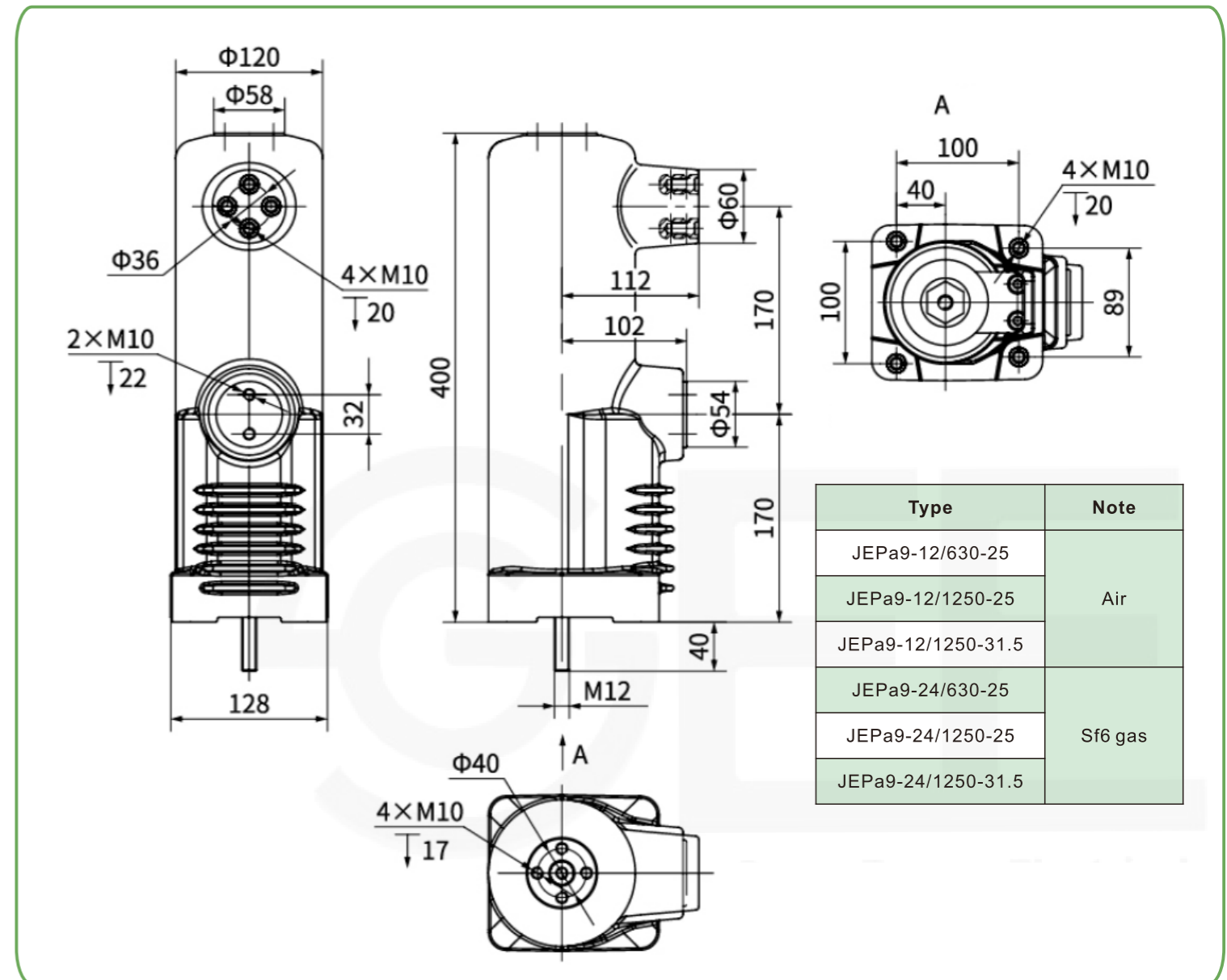
Outline and Installation Dimensions



## JEP9a-12(24)



Outline and Installation Dimensions



Contents	Unut	Parameters																		
		4000-50	3150-50	4000-40	3150-40	4000-31.5	3150-31.5	2500-50	2500-40	2500-31.5	2000-31.5	2000-40	1600-40	1250-40	1600-31.5	1250-31.5	1600-25	1250-25	630-25	630-20
Rated Frequency	Hz	50																		
Rated voltage	kV	12																		
1min rated frequency withstand voltage	kV	48/42																		
Lightning impulse withstand voltage (peak)	kV	85/75																		
Rated current	A	4000	3150	4000	3150	4000	3150	2500	2500	2500	2000	2000	1600	1250	1600	1250	1600	1250	630	630
Rated short-circuit breaking current	kA	50	50	40	40	31.5	31.5	50	40	31.5	31.5	40	40	40	31.5	31.5	25	25	25	20
DC component of rated short-circuit breaking current	%	30																		
Rated short-circuit breaking current breaking times	time	30																		
Rated short-time withstand current	kA	50	50	40	40	31.5	31.5	50	40	31.5	31.5	40	40	40	31.5	31.5	25	25	25	20
Rated short-circuit duration	s	4																		
Rated peak withstand current	kA	125	125	100	100	80	80	125	100	80	80	100	100	100	80	80	63	63	63	50
Rated short-time closing current	kA	125	125	100	100	80	80	125	100	80	80	100	100	100	80	80	63	63	63	50
Rated cable charging opening current	A	25																		
Circuit resistance at lower limit of rated contact pressure	$\mu\Omega$	$\leq 20$						$\leq 25$						$\leq 30$						
Rated operating sequence		C-180s-CO-180s-CO				C-0.3s-CO-180s-CO		O-0.3s-CO-180s-CO		O-0.3s-CO-180s-CO		O-180s-CO-180s-CO				O-0.3s-CO-180.s-CO				
Partial discharge limit	pC	$\leq 3$																		
Mass of moving part	kg	6						2.8						2.5						1.5
Contact self-closing force	N	250±50	250±50	250±50	120±50	250±50	120±50	120±50				130±50		100±50				70±25		
Reverse contact force	N	360±50	360±50	360±50	200±50	360±50	200±50	200±50				190±50		180±50				125±45		
Contact opening distance	mm	9±1																		
Rated contact pressure	N	5000±300		4500±200		3100±200		5000±300		4500±200				3100±200		2500±200		2000±200		
Average opening speed	m/s	1.1±0.2																		
Average closing speed	m/s	0.6±0.2																		
Contact closing bounce time	ms	$\leq 3$		$\leq 2$				$\leq 3$		$\leq 2$										
Contacts closing and opening different time	ms	$\leq 2$																		
Opening contact bounce amplitude	mm	$\leq 2$																		
Over-travelling	mm	3.5±0.5																		
Storage time	years	20																		
Mechanical life	time	10000																		
Allowable wear thickness of outgoing head	mm	3																		

# Embedded Pole

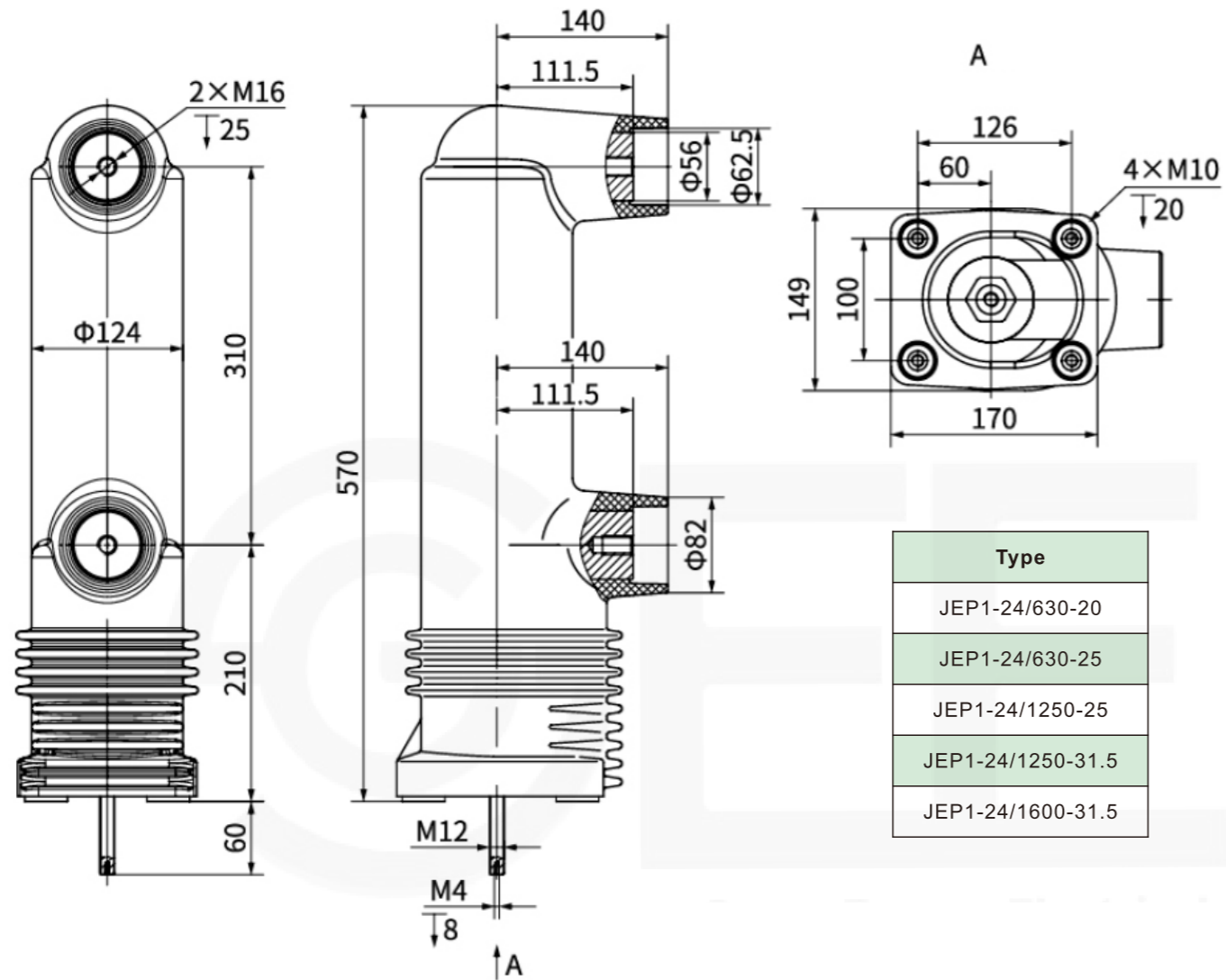


Vacuum interrupters poles

## JEP1-24



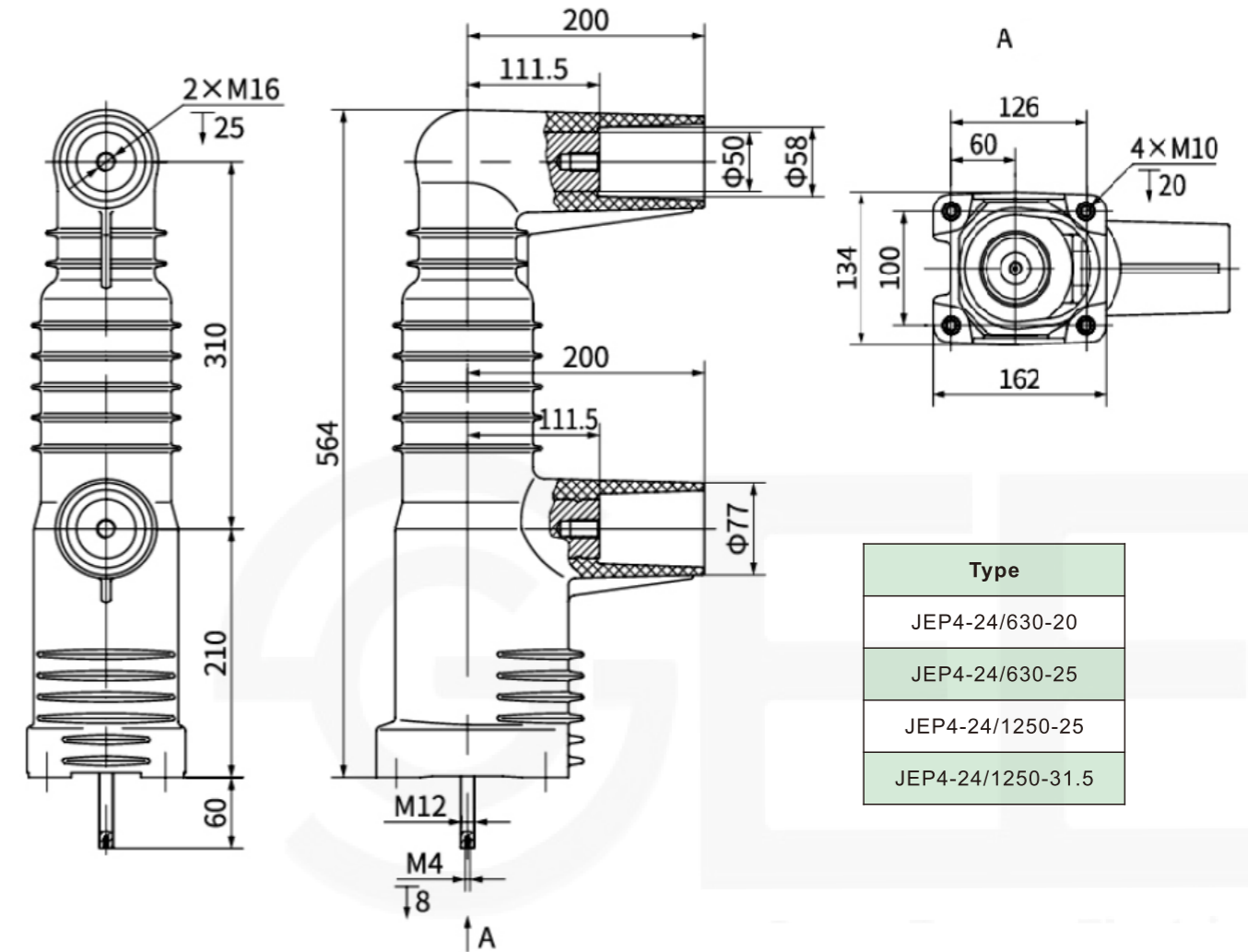
Outline and Installation Dimensions



## JEP4-24



Outline and Installation Dimensions



Contents	Unut	Parameters													
		4000-40	3150-40	2500-40	4000-31.5	3150-31.5	2500-31.5	2000-40	1600-40	2000-31.5	1600-31.5	1250-31.5	1250-25	630-25	630-20
Rated Frequency	Hz	50													
Rated voltage	kV	24													
1min rated frequency withstand voltage	kV	65													
Lightning impulse withstand voltage (peak)	kV	125													
Rated current	A	4000	3150	2500	4000	3150	2500	2000	1600	2000	1600	1250	1250	630	630
Rated short-circuit breaking current	kA	40	40	40	31.5	31.5	31.5	40	40	31.5	31.5	31.5	25	25	20
DC component of rated short-circuit breaking current	%	30													
Rated short-circuit breaking current breaking times	time	30													
Rated short-time withstand current	kA	40	40	40	31.5	31.5	31.5	40	40	31.5	31.5	31.5	25	25	20
Rated short-circuit duration	s	4													
Rated peak withstand current	kA	100	100	100	80	80	80	100	100	80	80	80	63	63	50
Rated short-time closing current	kA	100	100	100	80	80	80	100	100	80	80	80	63	63	50
Rated cable charging opening current	A	31.5													
Circuit resistance at lower limit of rated contact pressure	$\mu\Omega$	$\leq 25$									$\leq 28$				
Rated operating sequence		C-180s-CO-180s-CO			C-0.3s-CO-180s-CO			C-180s-CO-180s-CO		O-0.3s-CO-180s-CO	C-0.3s-CO-180s-CO				
Partial discharge limit	pC	$\leq 3$													
Mass of moving part	kg	6.2				4.6	3.2			3			2		
Contact self-closing force	N	250 $\pm$ 50			150 $\pm$ 50			150 $\pm$ 50		150 $\pm$ 50	150 $\pm$ 50	120 $\pm$ 50	120 $\pm$ 50	120 $\pm$ 50	120 $\pm$ 50
Reverse contact force	N	360 $\pm$ 50			300 $\pm$ 50			300 $\pm$ 50		300 $\pm$ 50	300 $\pm$ 50	200 $\pm$ 50	200 $\pm$ 50	200 $\pm$ 50	200 $\pm$ 50
Contact opening distance	mm	13 $\pm$ 1													
Rated contact pressure	N	4500 $\pm$ 200			3100 $\pm$ 200			4500 $\pm$ 200	3100 $\pm$ 200	3100 $\pm$ 200		2500 $\pm$ 200		2000 $\pm$ 200	
Average opening speed	m/s	1.3 $\pm$ 0.2													
Average closing speed	m/s	0.8 $\pm$ 0.2													
Contact closing bounce time	ms	$\leq 2$													
Contacts closing and opening different time	ms	$\leq 2$													
Opening contact bounce amplitude	mm	$\leq 2$													
Over-travelling	mm	3.5 $\pm$ 0.5													
Storage time	years	20													
Mechanical life	time	10000													
Allowable wear thickness of outgoing head	mm	3													

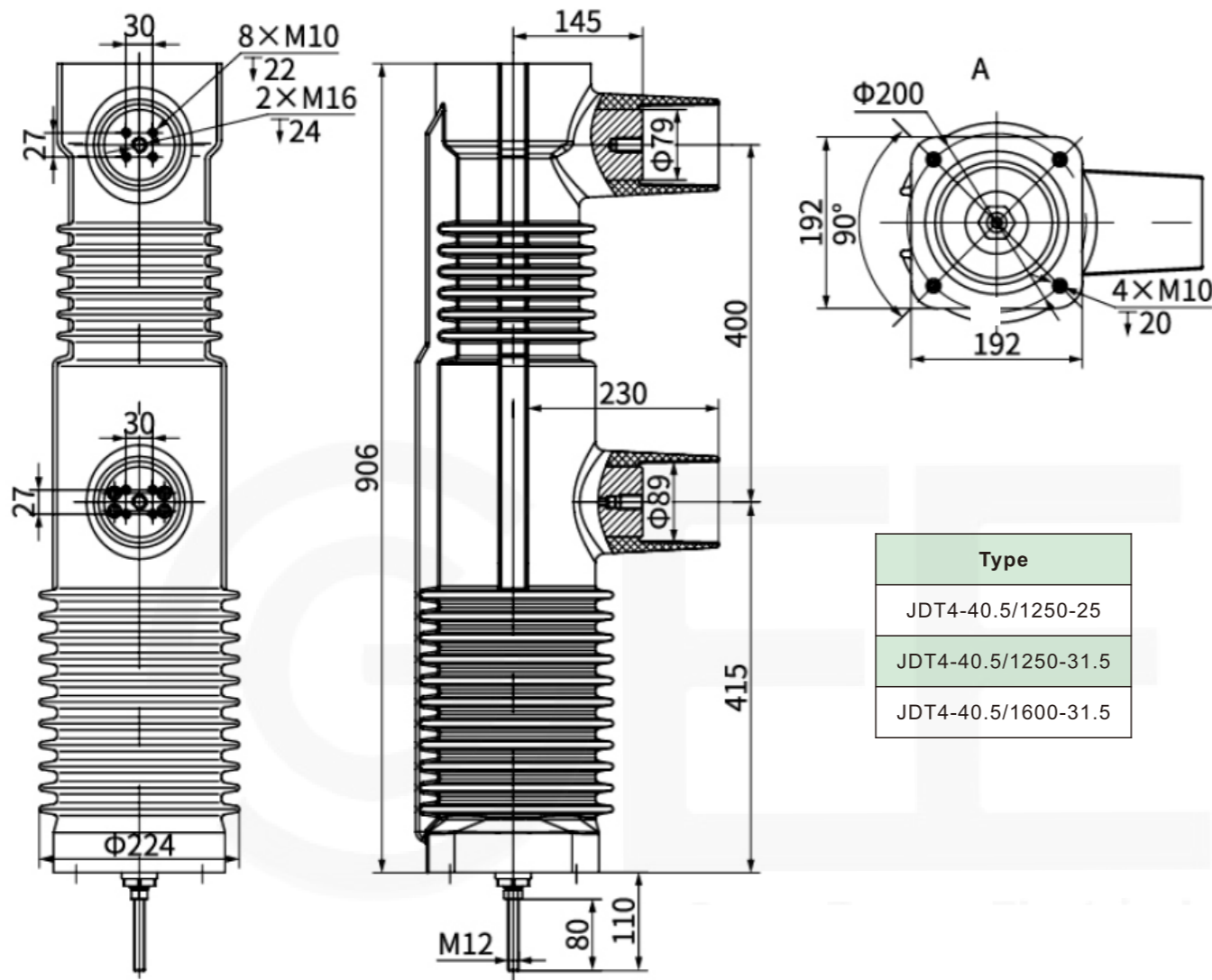
# Embedded Pole

Vacuum interrupters poles

## JDT4-40.5



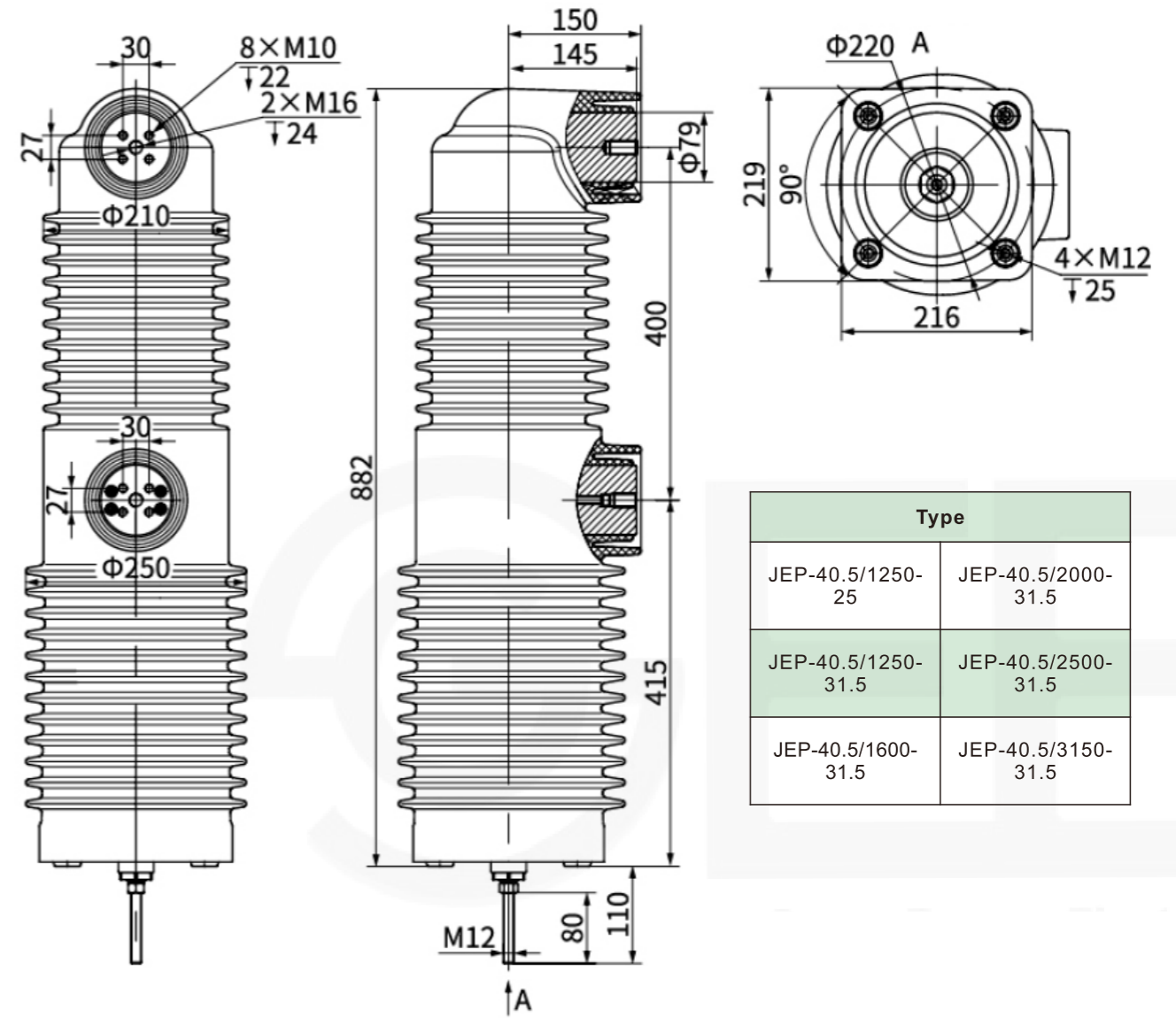
Outline and Installation Dimensions



## JEP-40.5



Outline and Installation Dimensions



# Embedded Pole

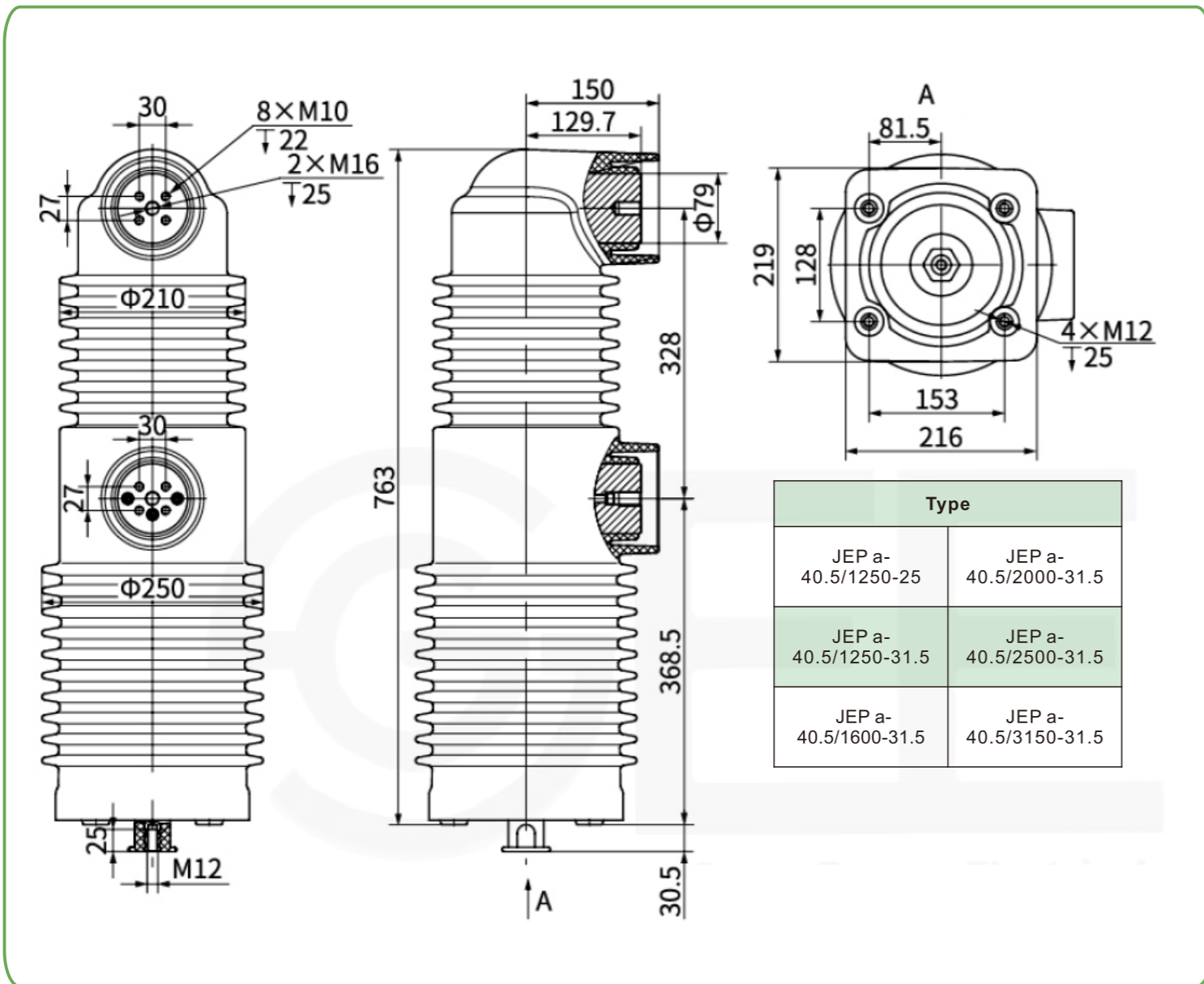


Vacuum interrupters poles

## JEP a-40.5



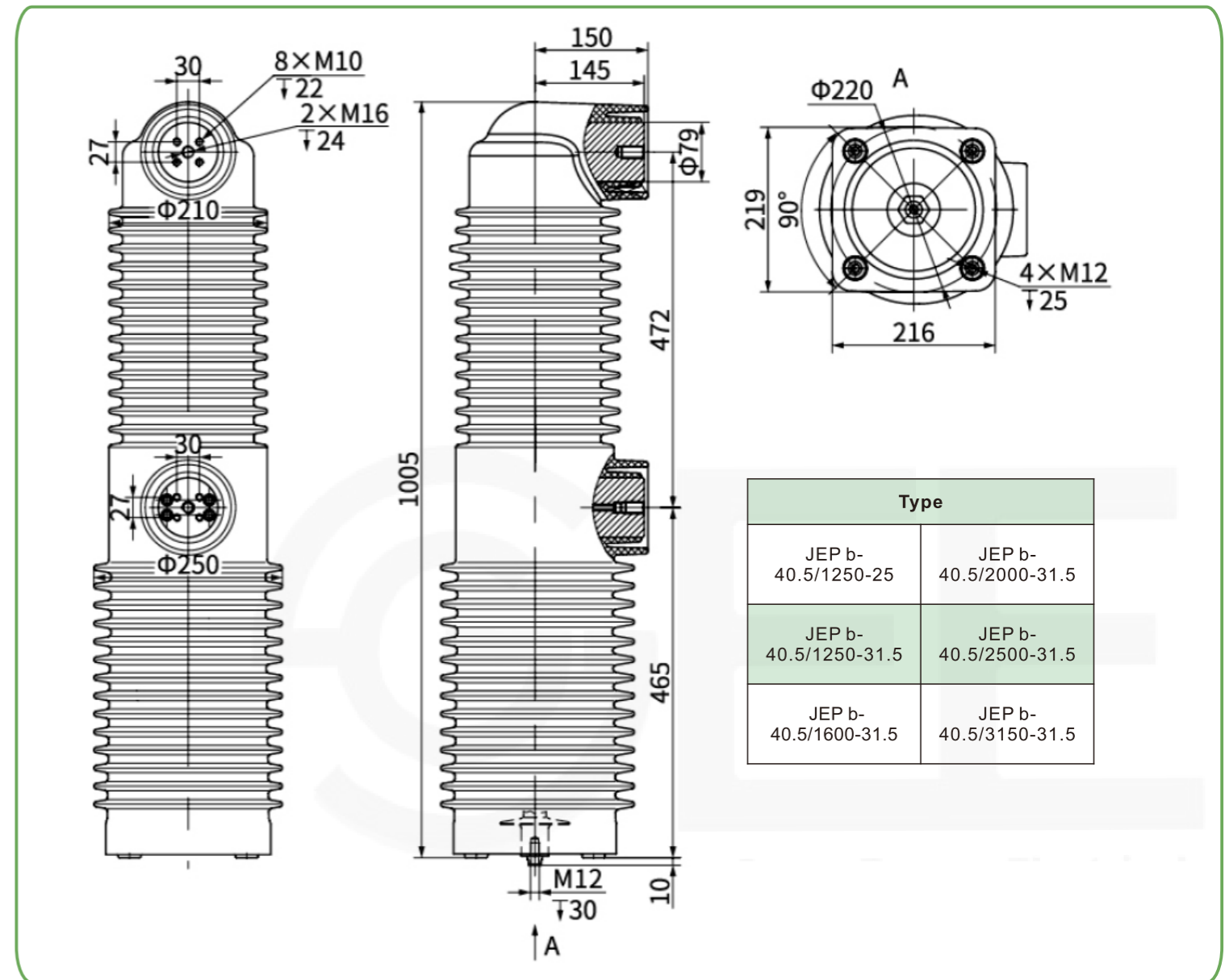
Outline and Installation Dimensions



## JEP b-40.5



Outline and Installation Dimensions



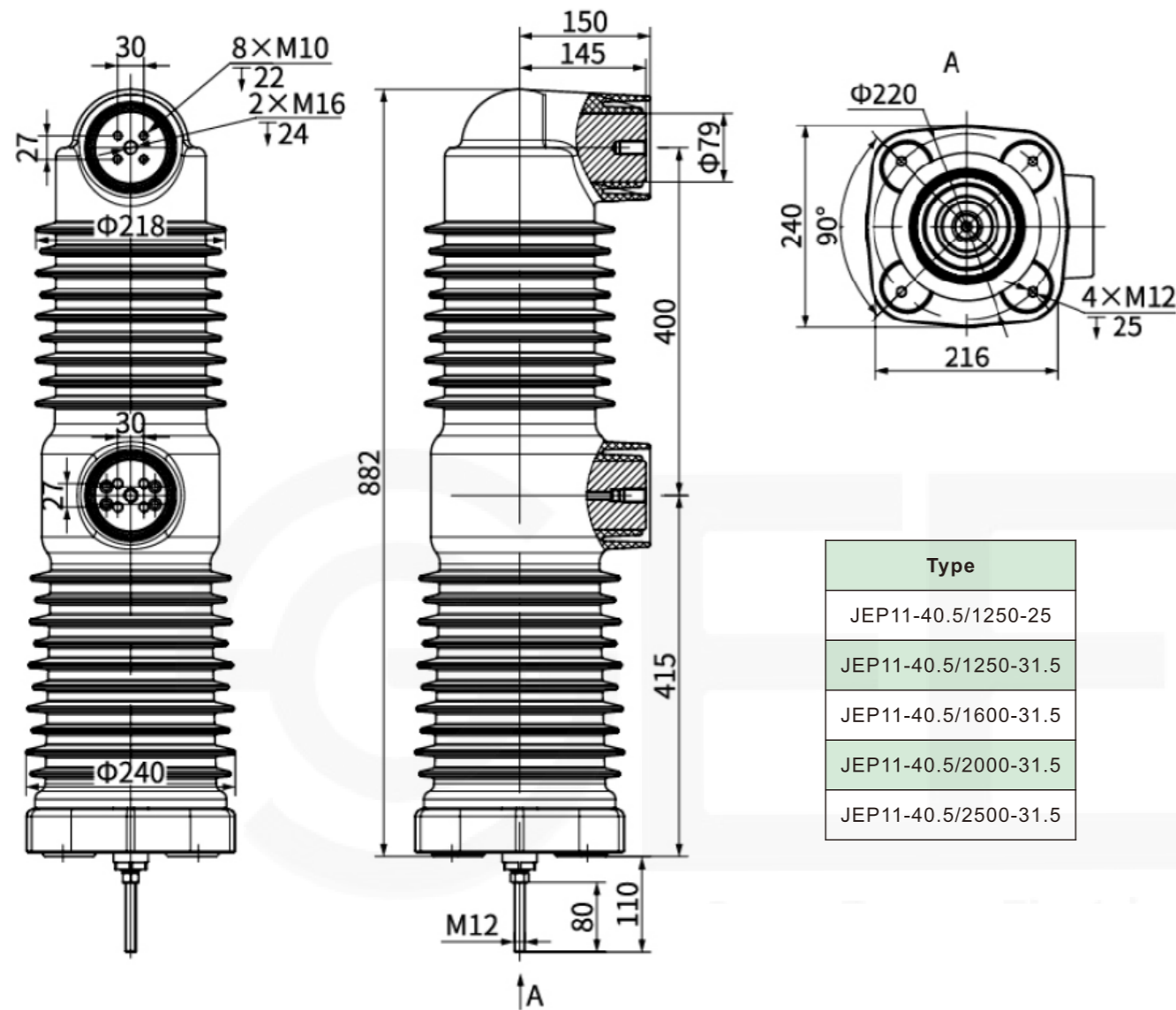
# Embedded Pole

Vacuum interrupters poles

## JEP11-40.5



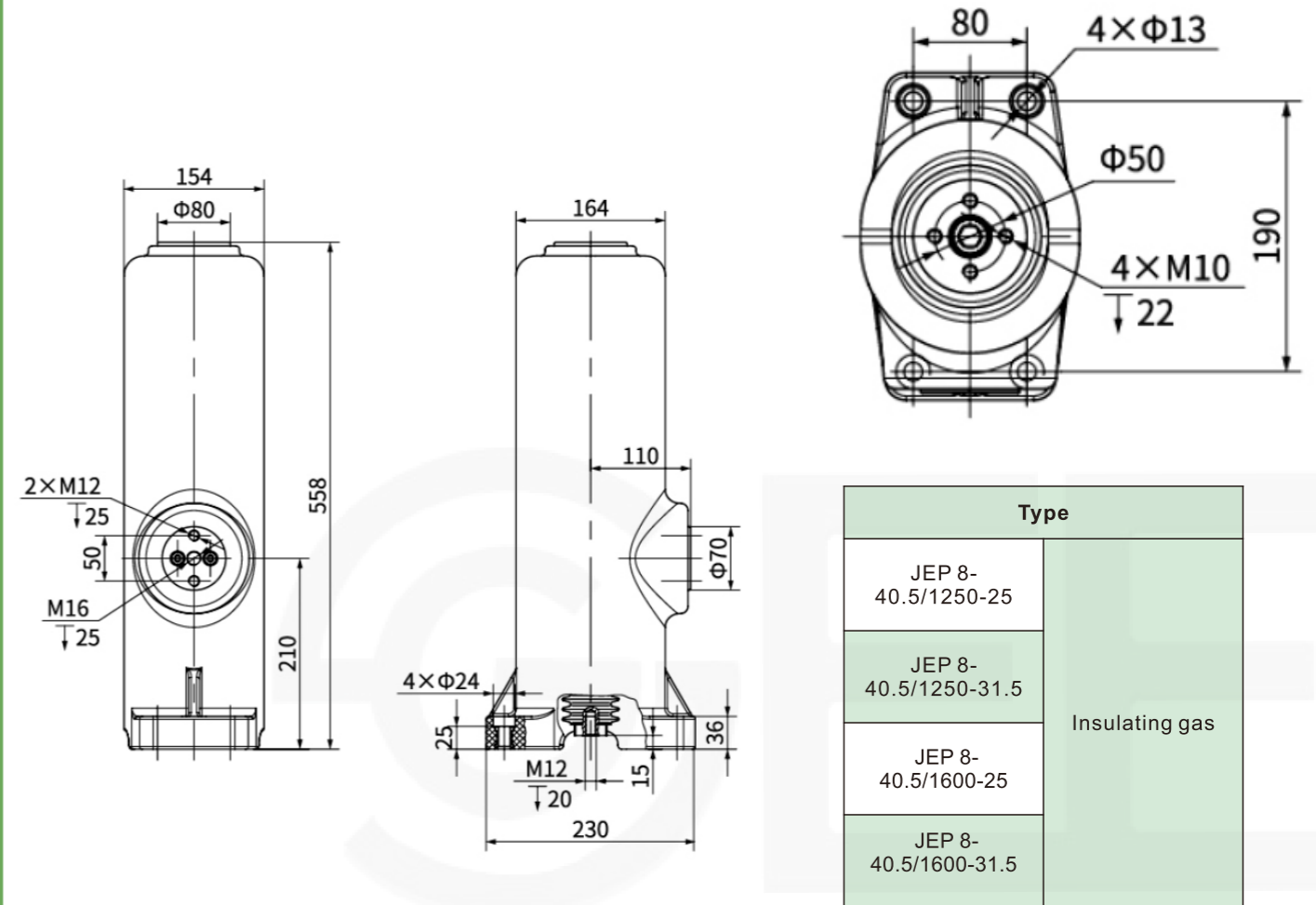
Outline and Installation Dimensions



## JEP8-40.5



Outline and Installation Dimensions





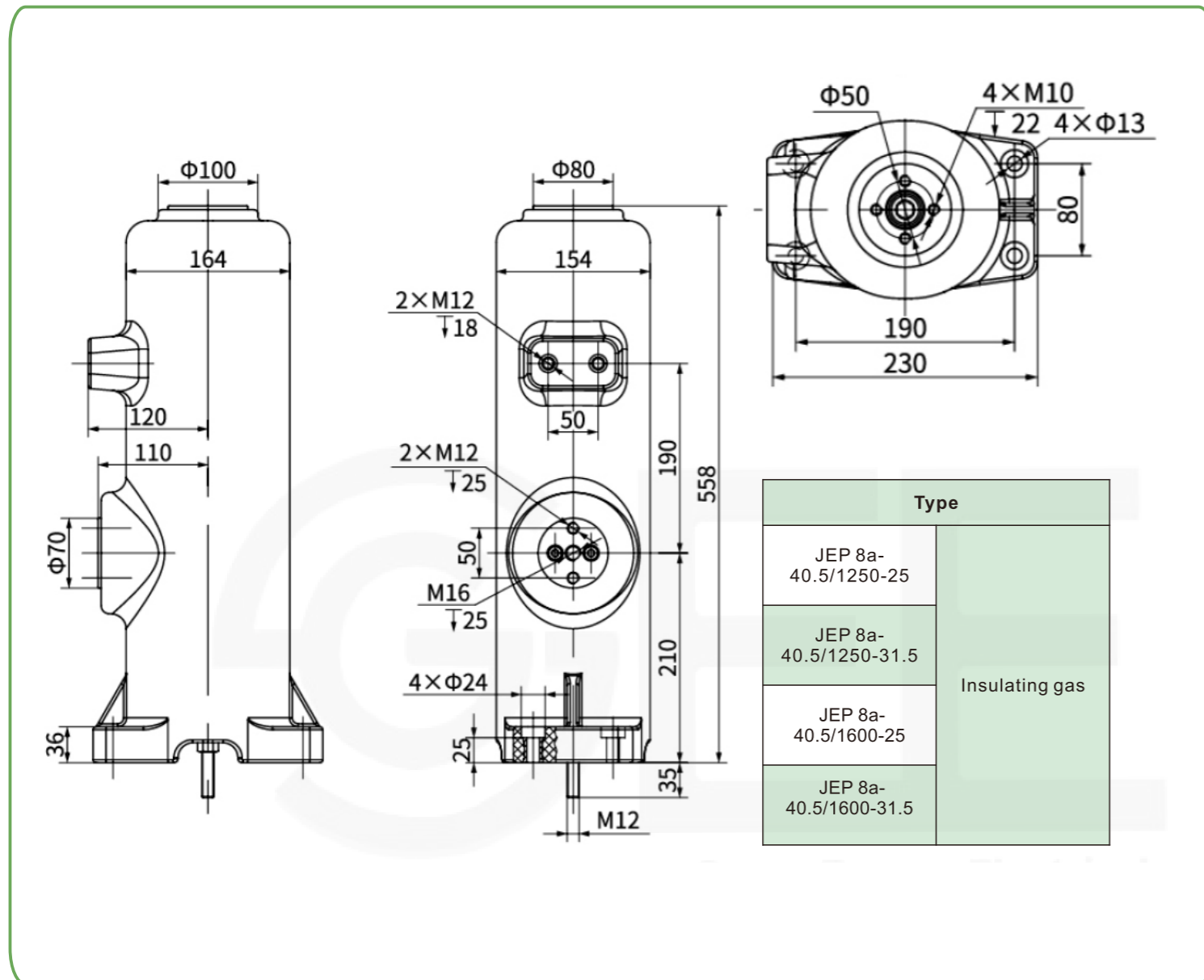
# Embedded Pole

## Vacuum interrupters poles

# JEP8a-40.5



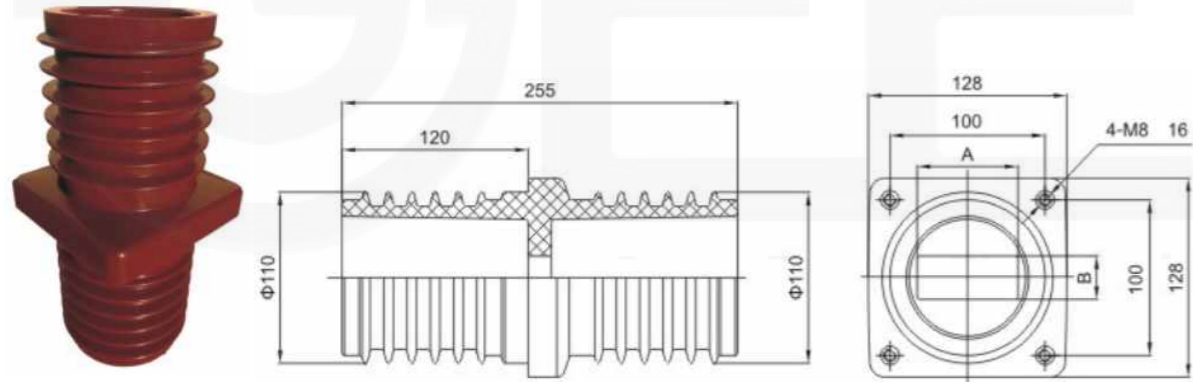
### Outline and Installation Dimensions



Contents	Unut	Parameters					
		3150-31.5	2500-31.5	2000-31.5	1600-31.5	1250-31.5	1250-31.5
Rated Frequency	Hz	50					
Rated voltage	kV	40.5					
1min rated frequency withstand voltage	kV	95					
Lightning impulse withstand voltage (peak)	kV	185					
Rated current	A	3150	2500	2000	1600	1250	1250
Rated short-circuit breaking current	kA	31.5	31.5	31.5	31.5	31.5	25
DC component of rated short-circuit breaking current	%	30					
Rated short-circuit breaking current breaking times	time	30					
Rated short-time withstand current	kA	31.5	31.5	31.5	31.5	31.5	25
Rated short-circuit duration	s	4					
Rated peak withstand current	kA	80	80	80	80	80	63
Rated short-time closing current	kA	80	80	80	80	80	63
Rated cable charging opening current	A	25					
Circuit resistance at lower limit of rated contact pressure	$\mu \Omega$	$\leq 28$					
Rated operating sequence		O-0.3s-CO-180s-CO					
Partial discharge limit	pC	$\leq 5$					
Mass of moving part	kg	8		6.5			
Contact self-closing force	N	250 $\pm$ 50				200 $\pm$ 50	
Reverse contact force	N	360 $\pm$ 50				300 $\pm$ 50	
Contact opening distance	mm	18 $\pm$ 1					
Rated contact pressure	N	3400 $\pm$ 200				2500 $\pm$ 200	
Average opening speed	m/s	18 $\pm$ 0.3					
Average closing speed	m/s	0.8 $\pm$ 0.3					
Contact closing bounce time	ms	$\leq 2$					
Contacts closing and opening different time	ms	$\leq 2$					
Opening contact bounce amplitude	mm	$\leq 2$					
Over-travelling	mm	4 $\pm$ 1					
Storage time	years	20					
Mechanical life	time	10000					
Allowable wear thickness of outgoing head	mm	3					

## Insulated Bushing

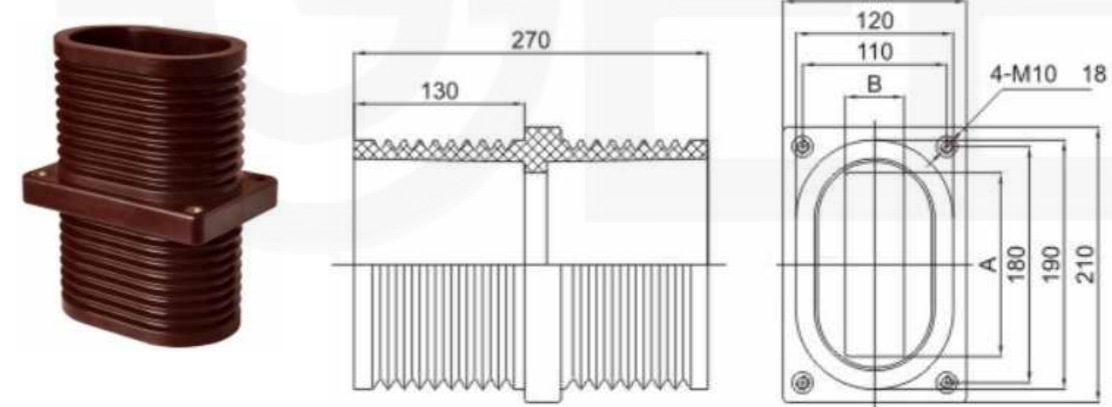
**TGN3-12Q/100×100**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>315 mm

A×B	
48×18	
55×10	
65×11	
65×15	
73×18	

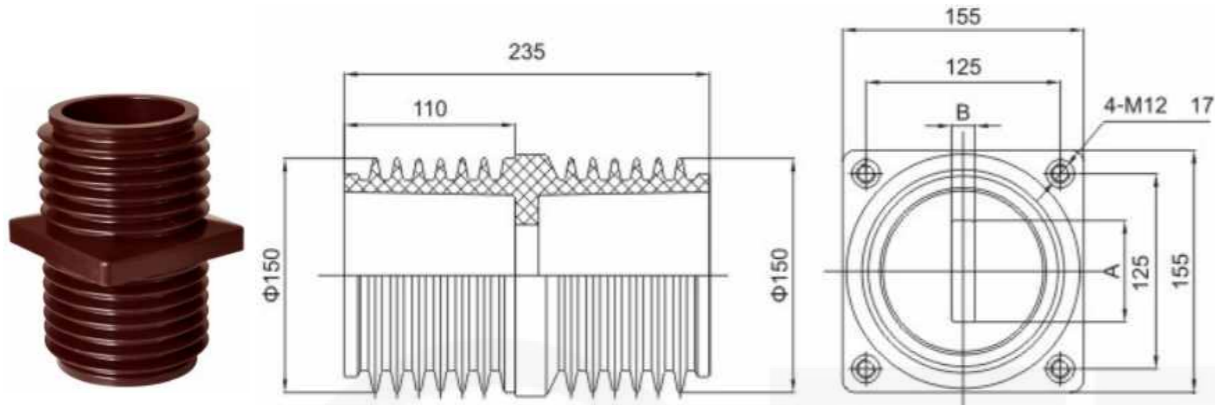
**TGN9-12Q/110×180**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>340 mm

A×B	
88×18	120×18
88×48	120×45
108×18	133×45
110×60	145×50

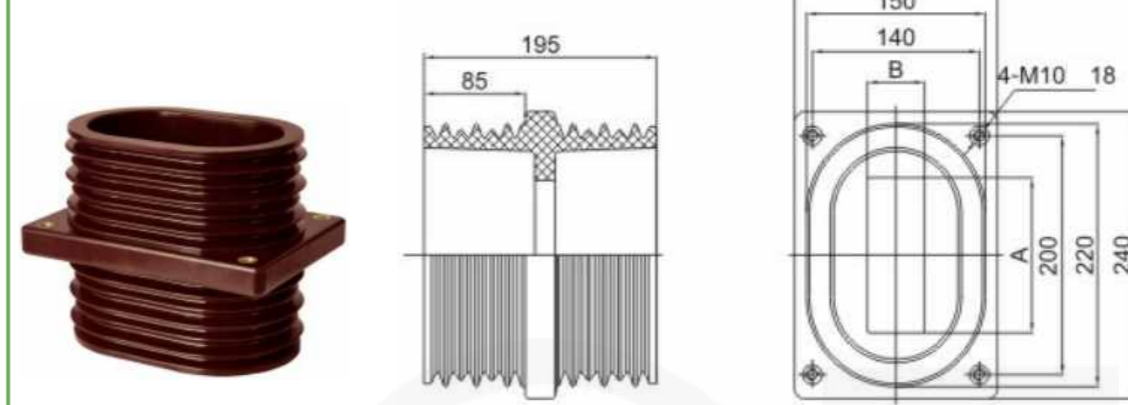
**TGN3-12Q/125×125**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>365 mm

A×B	
52×18	68×16
52×38	70×20
58×14	90×20
58×38	100×18

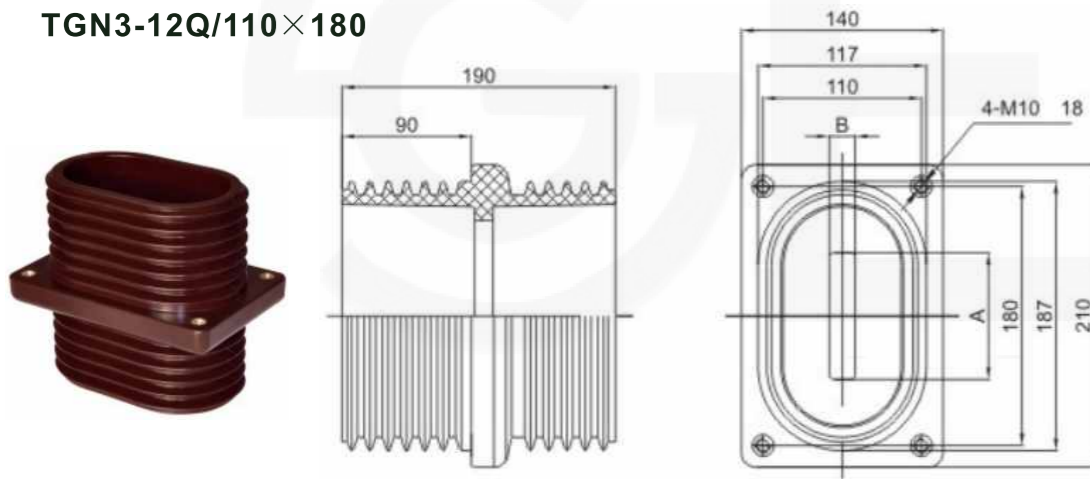
**TGN3-12Q/140×200**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>265 mm

A×B		
68×15	128×82	140×60
86×15	133×37	140×70
110×40	133×45	145×45
125×15	135×60	
128×18	135×80	

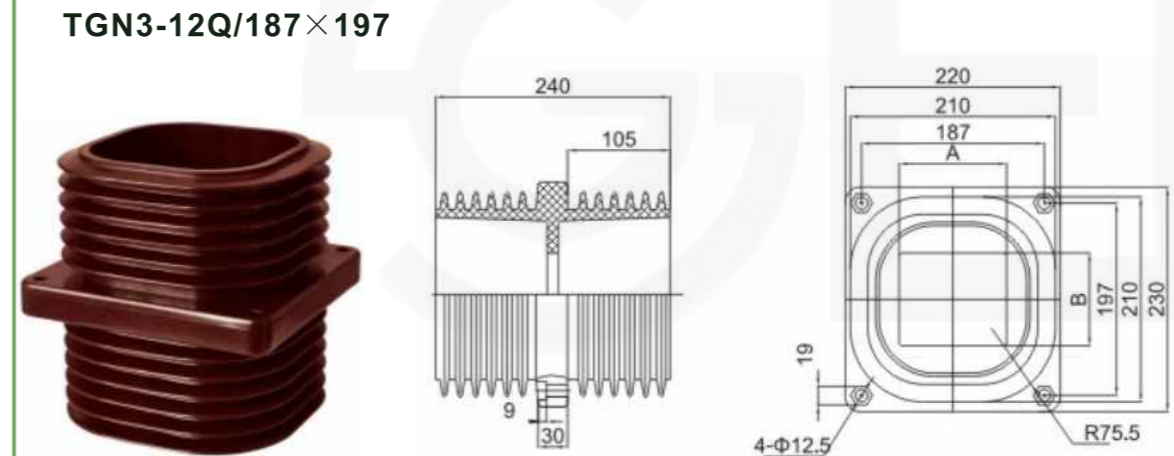
**TGN3-12Q/110×180**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>265 mm

A×B	
52×13	88×54
68×16	108×18
68×33	108×44
70×20	128×18
88×18	133×18
88×33	133×43

**TGN3-12Q/187×197**

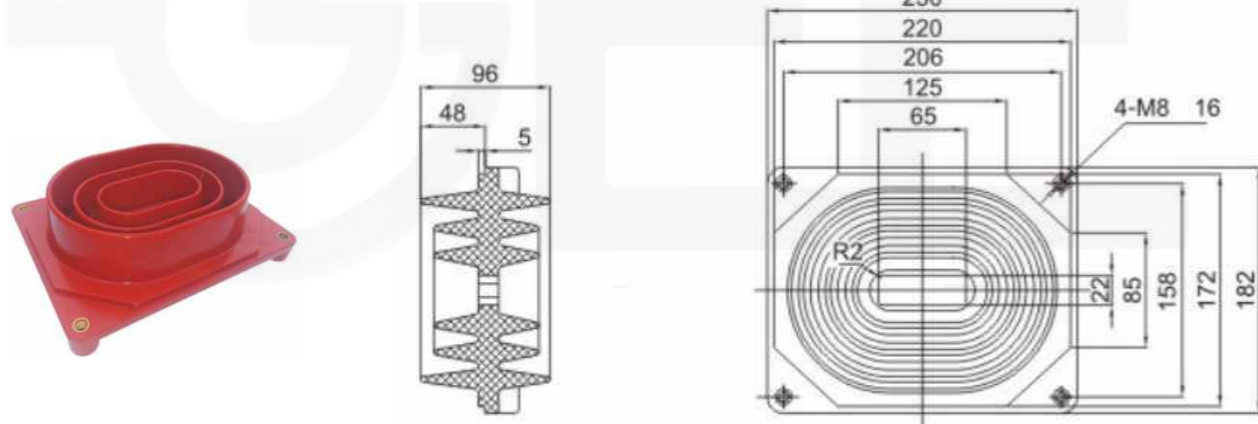


Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>400 mm

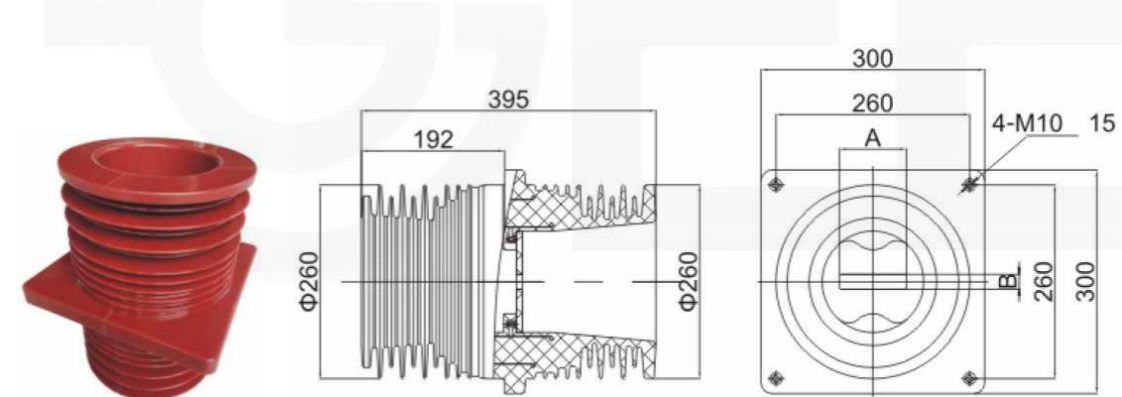
A×B		
16×108	95×110	40×135
32×108	70×120	75×135
48×108	60×128	70×140
64×108	80×130	

## Insulated Bushing

**TGN3-12/158×206**



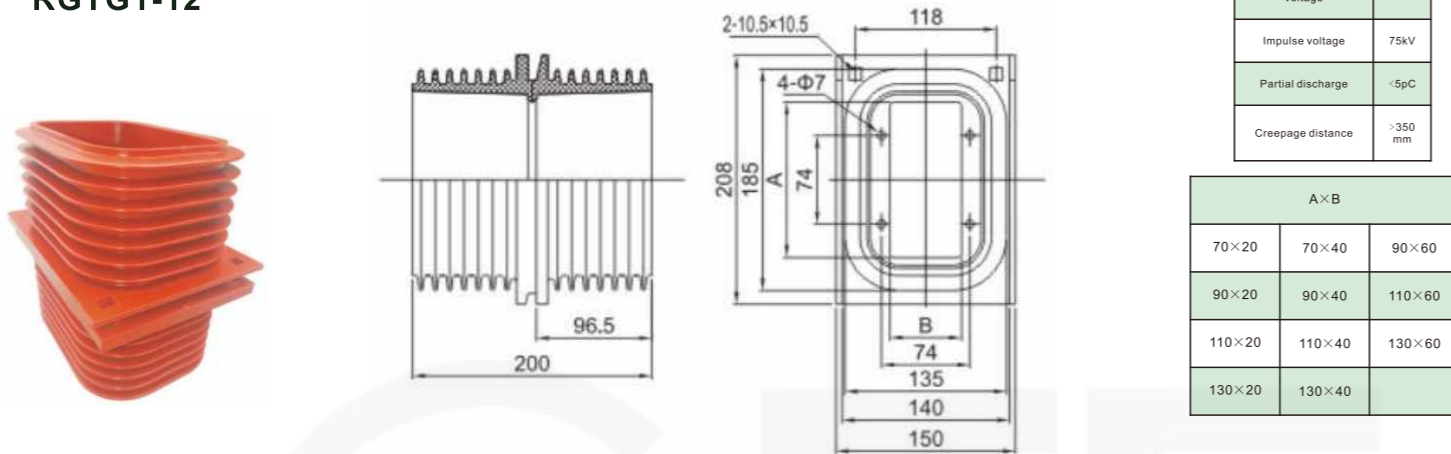
**TGN3-40.5/260×260-395**



Frequency withstand voltage	95kV/1min
Impulse voltage	185kV
Partial discharge	<5pC
Creepage distance	>905mm

A×B	
70×20	90×20
90×20	110×40
110×20	

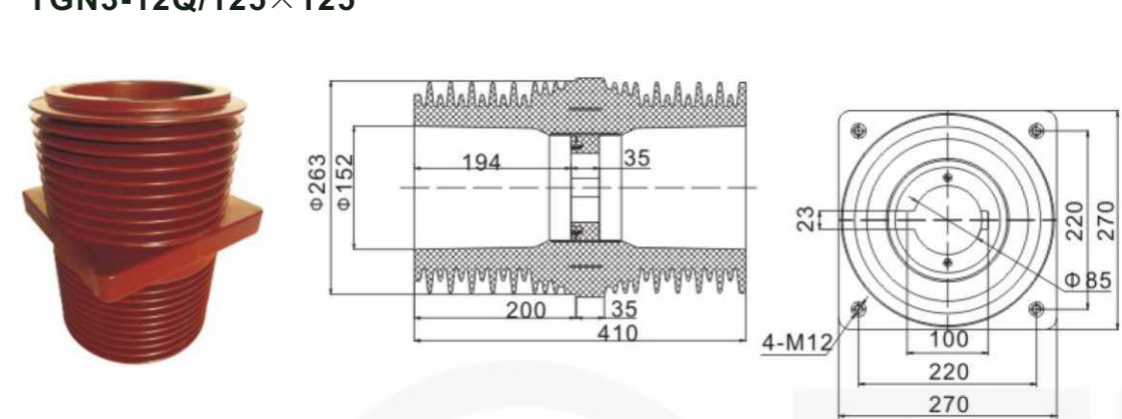
**RGTG1-12**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>350mm

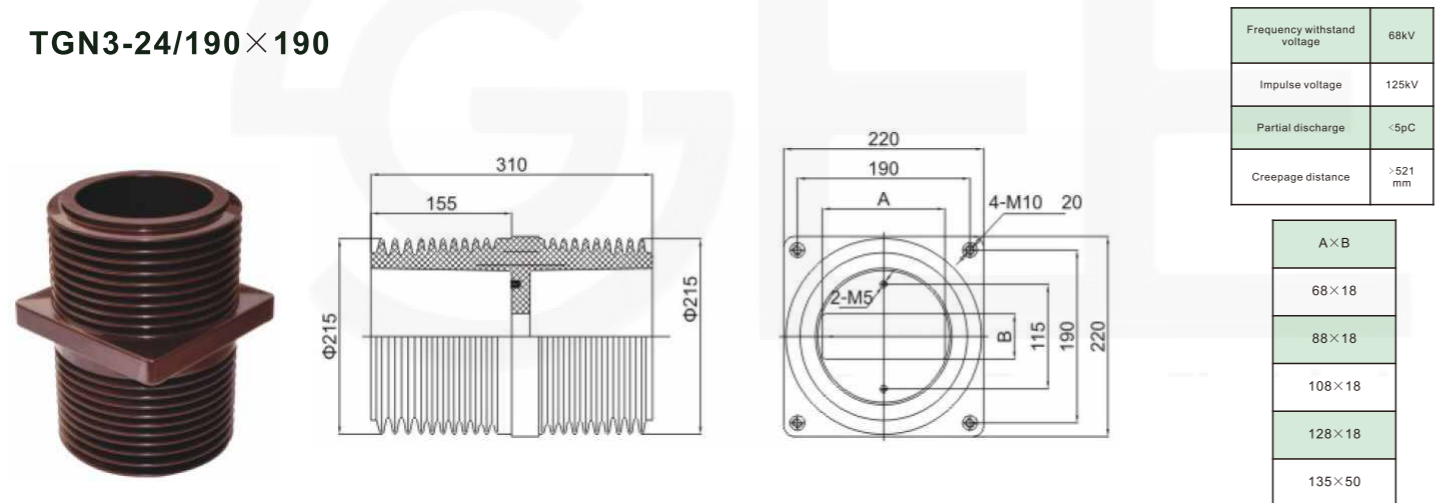
A×B		
70×20	70×40	90×60
90×20	90×40	110×60
110×20	110×40	130×60
130×20	130×40	

**TGN3-12Q/125×125**



Frequency withstand voltage	95kV/1mi
Impulse voltage	185kV
Partial discharge	<5pC
Creepage distance	>810mm

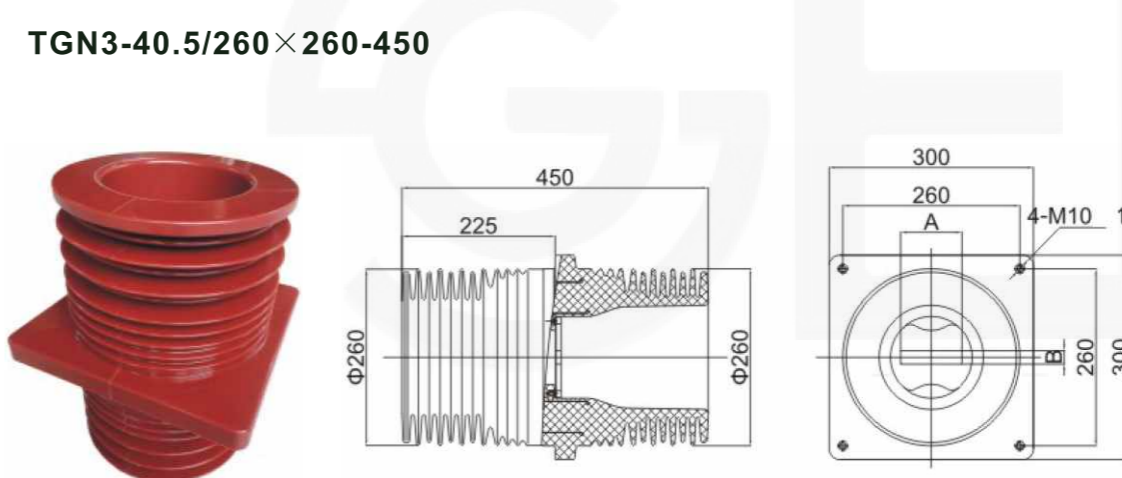
**TGN3-24/190×190**



Frequency withstand voltage	68kV
Impulse voltage	125kV
Partial discharge	<5pC
Creepage distance	>521mm

A×B	
68×18	
88×18	
108×18	
128×18	
135×50	

**TGN3-40.5/260×260-450**

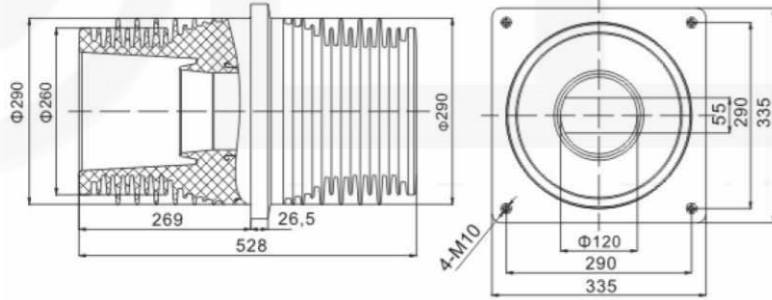


Frequency withstand voltage	112kV/1min
Impulse voltage	218kV
Partial discharge	<5pC
Creepage distance	>1078mm

A×B	
70×20	
90×20	
110×20	

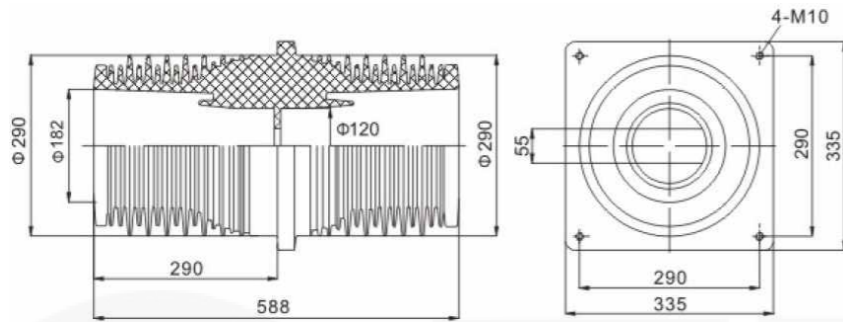
## Insulated Bushing

**TGN3-40.5/290×290-528**



Frequency withstand voltage	122kV /1min
Impulse voltage	235kV
Partial discharge	<5pC
Creepage distance	>1020 mm

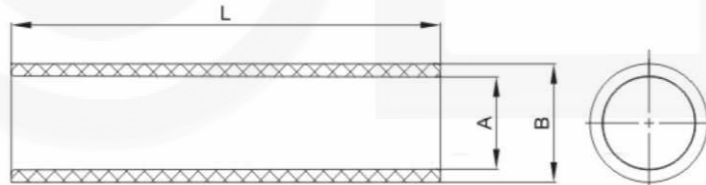
**TGN3-40.5/290×290-588**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>350 mm

A×B		
70×20	70×40	90×60
90×20	90×40	110×60
110×20	110×40	130×60
130×20	130×40	

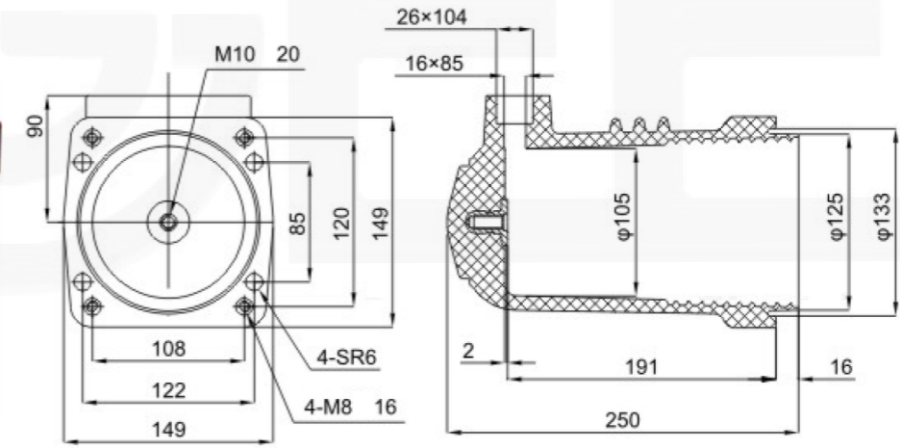
## Tentacle bushing



Type	L	A	B
Φ51×215	215	Φ51	Φ64
Φ51×290	290	Φ51	Φ64
Φ46×215	215	Φ46	Φ59
Φ46×250	250	Φ46	Φ59
Φ46×290	290	Φ46	Φ59

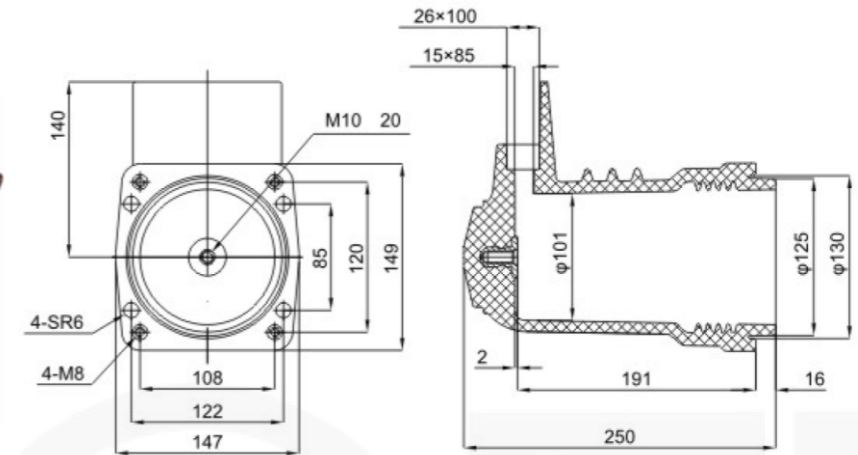
## Contact Box

**CHN3-12/150**



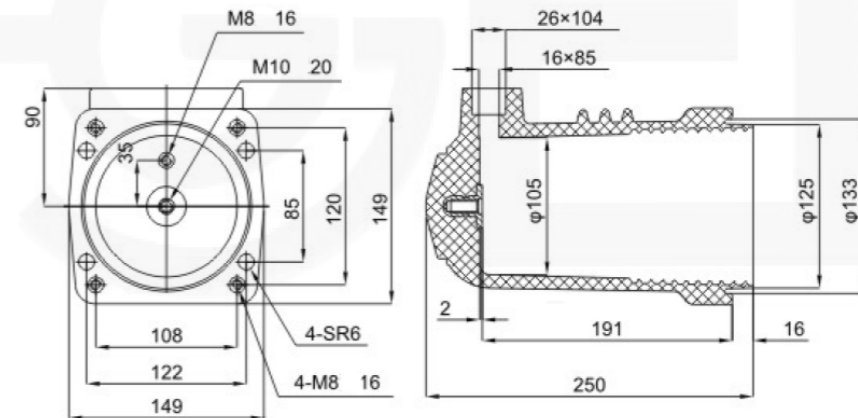
Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>280 mm

**CHN3-12/150B**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>320 mm

**CHN3-12/150D**

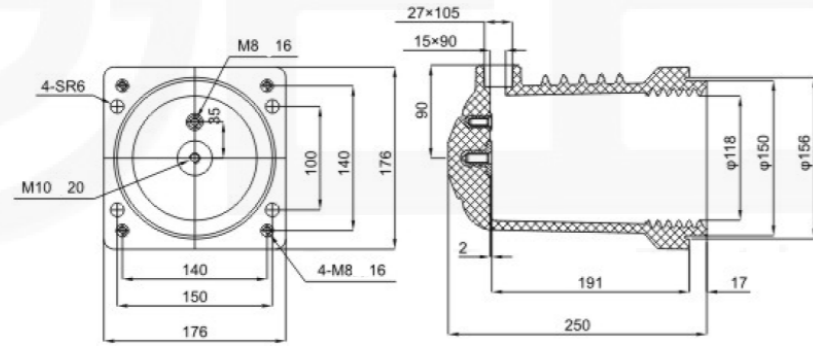


Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>280 mm

A×B
70×20
90×20
110×20

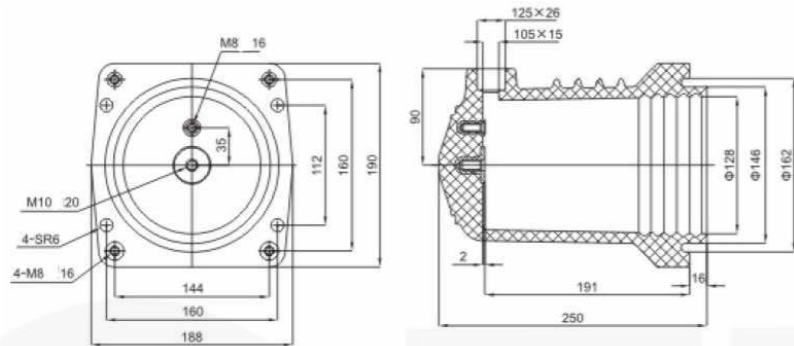
## Contact Box

**CHN3-12/176**



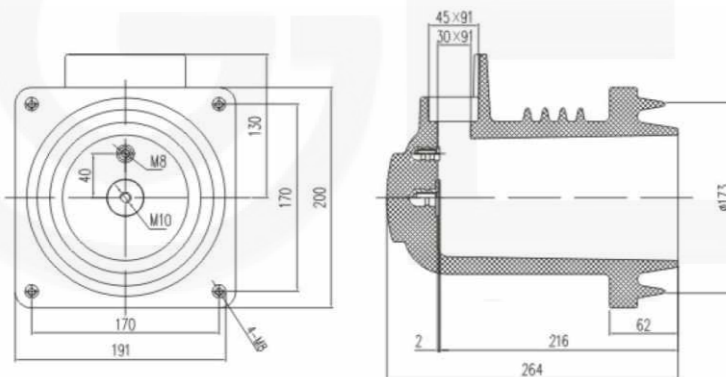
Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>280 mm

**CHN3-12/190**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>265 mm

**CHN3-12/200**

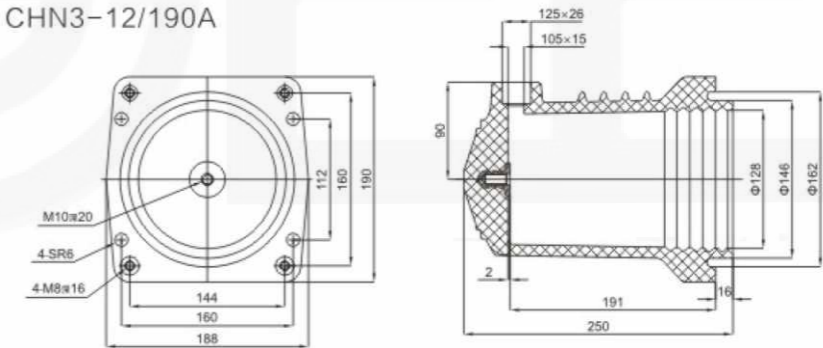


Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>250 mm

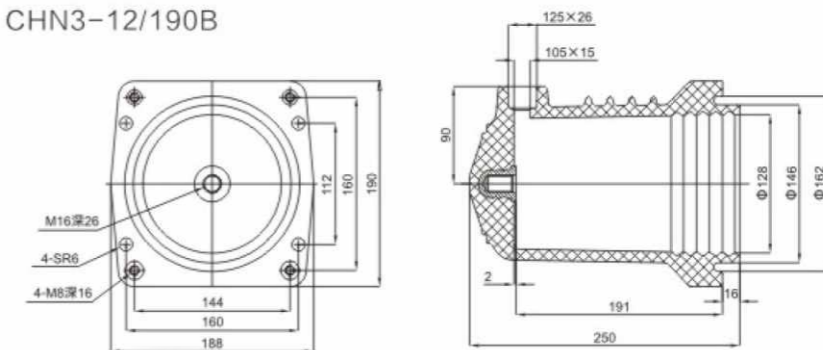
**CHN3-12/190A 190B**



**CHN3-12/190A**

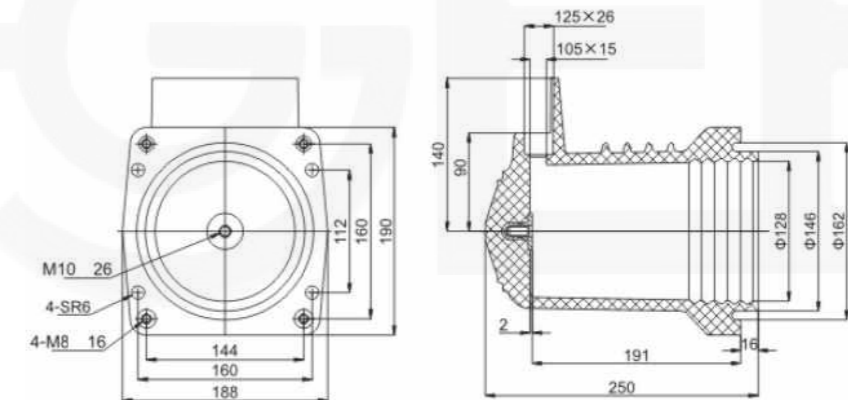


**CHN3-12/190B**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>265 mm

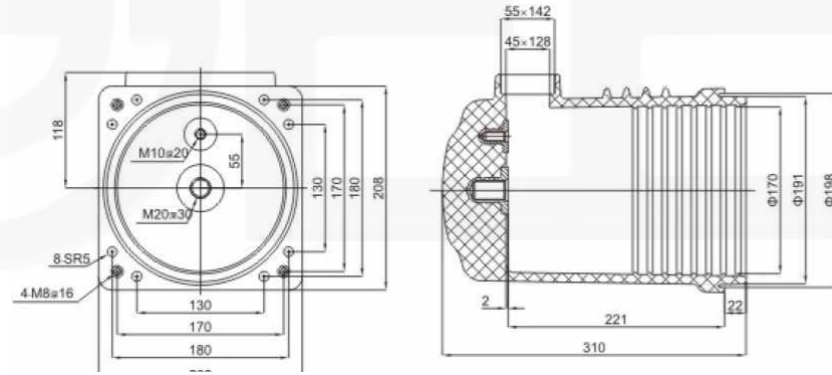
**CHN3-12/190C**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>307 mm

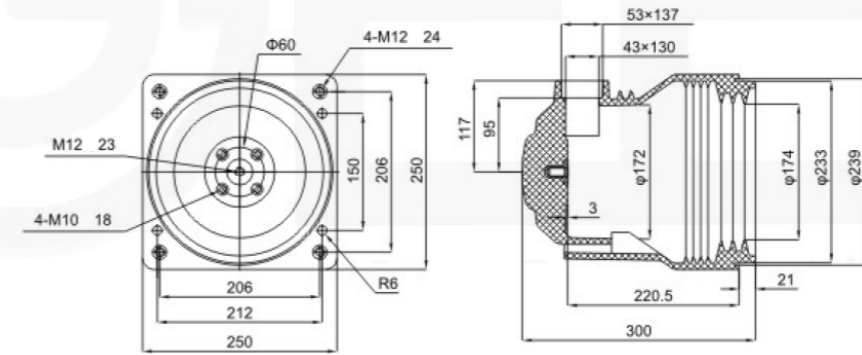
## Contact Box

**CHN3-12/208**



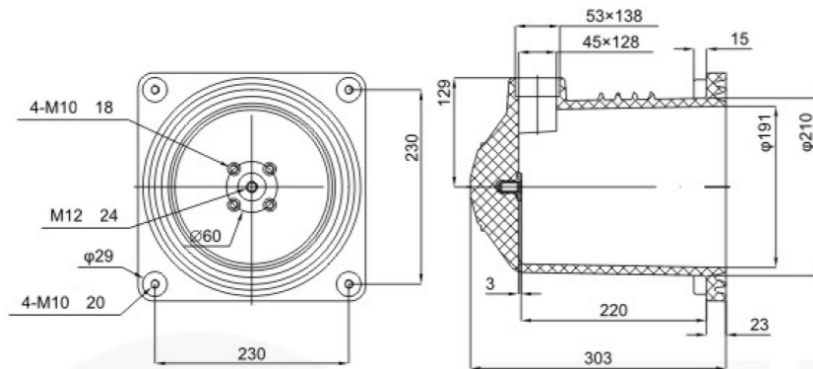
Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>260 mm

**CHN3-12/250S**



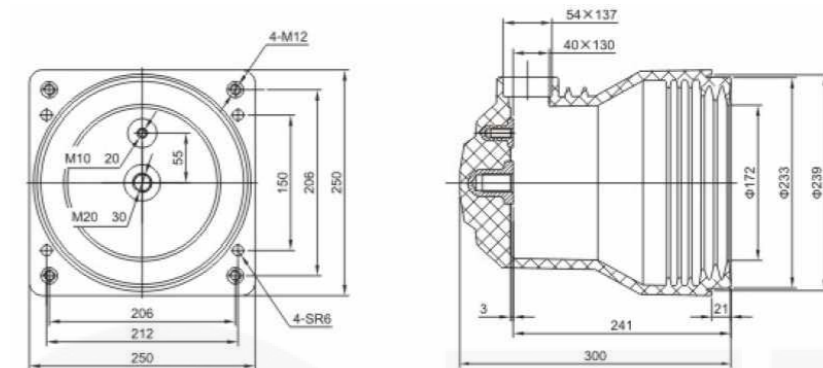
Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>300 mm

**CHN3-12/230**



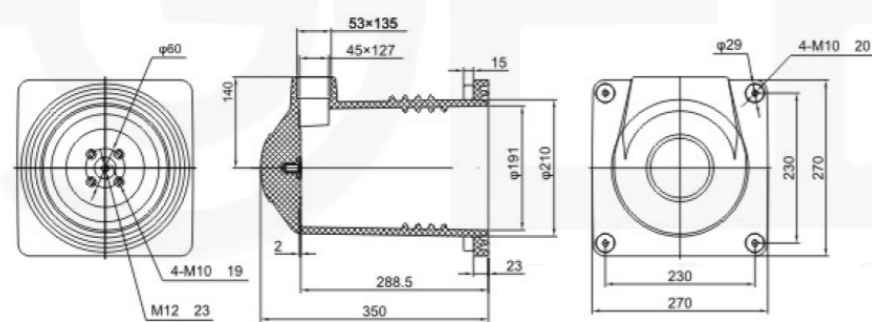
Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>270 mm

**CHN3-12/250**



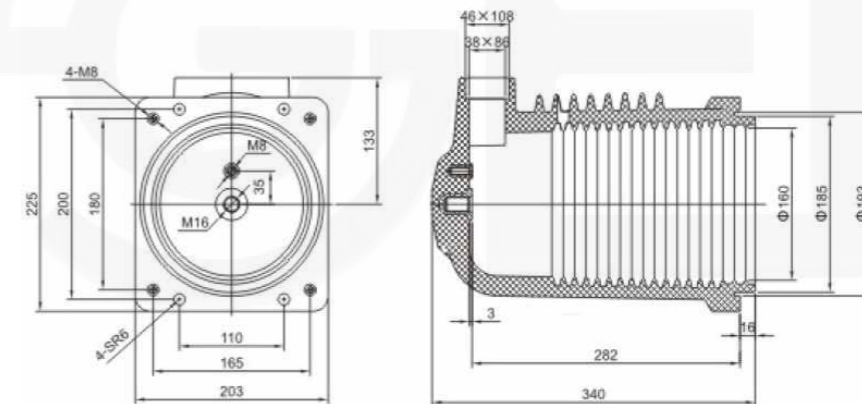
Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>300 mm

**CHN9-12/230**



Frequency withstand voltage	42kV
Impulse voltage	75kV
Partial discharge	<5pC
Creepage distance	>325 mm

**CHN3-24/225**



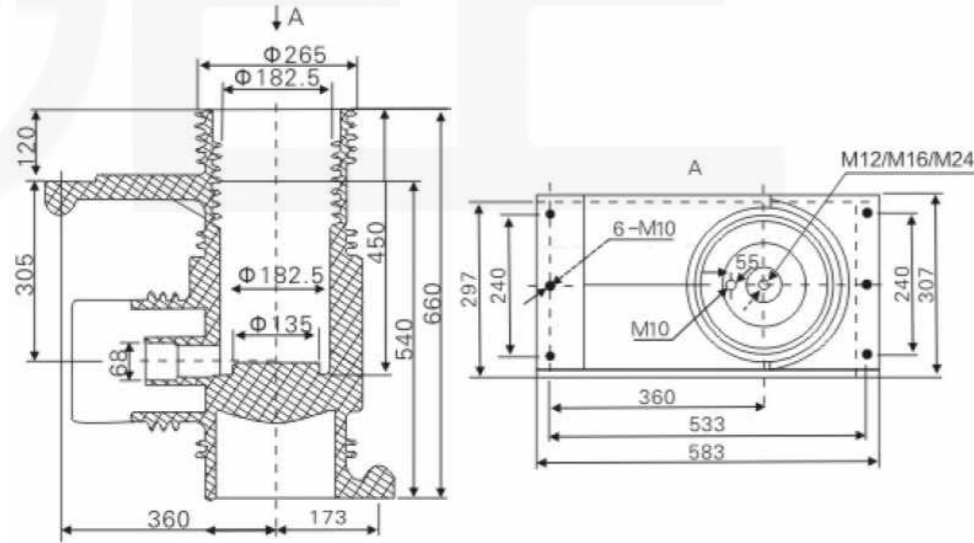
Frequency withstand voltage	68kV
Impulse voltage	125kV
Partial discharge	<5pC
Creepage distance	>530 mm

## Contact Box

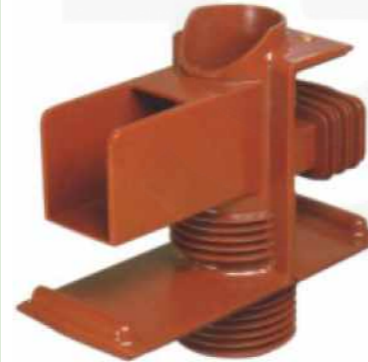
**CHN3-40.5/660**



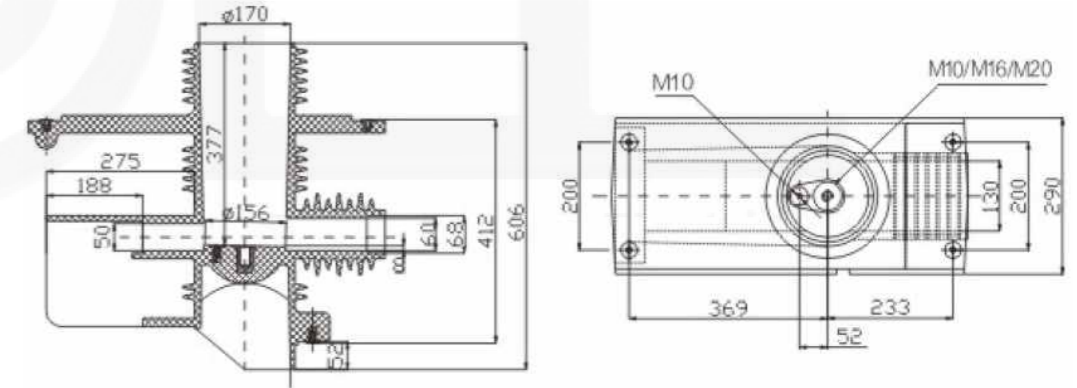
Frequency withstand voltage	95kV
Impulse voltage	185kV
Partial discharge	44.6kV -5pC
Creepage distance	>810 mm



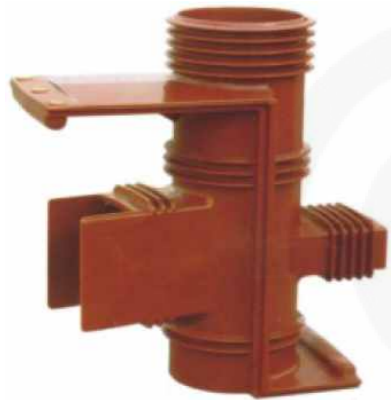
**CHN3-40.5/606-3**



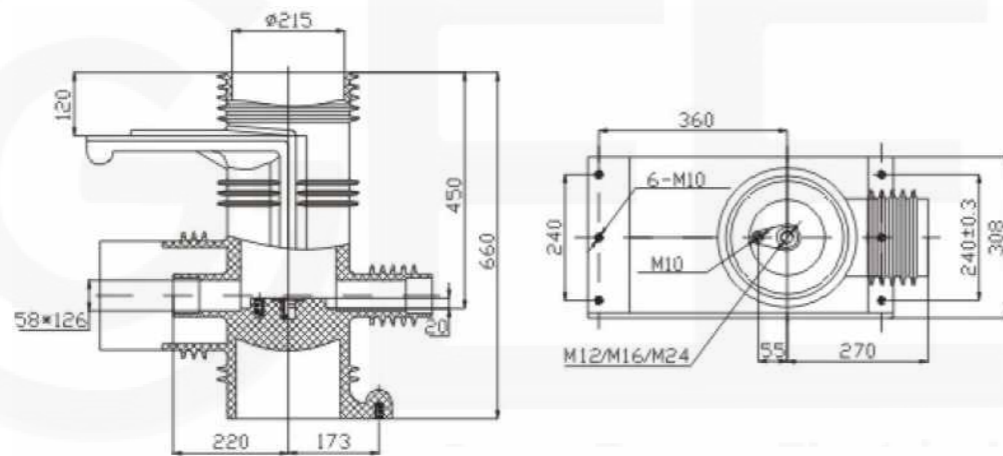
Frequency withstand voltage	95kV
Impulse voltage	185kV
Partial discharge	44.6kV -5pC
Creepage distance	>810 mm



**CHN3-40.5/660-3**



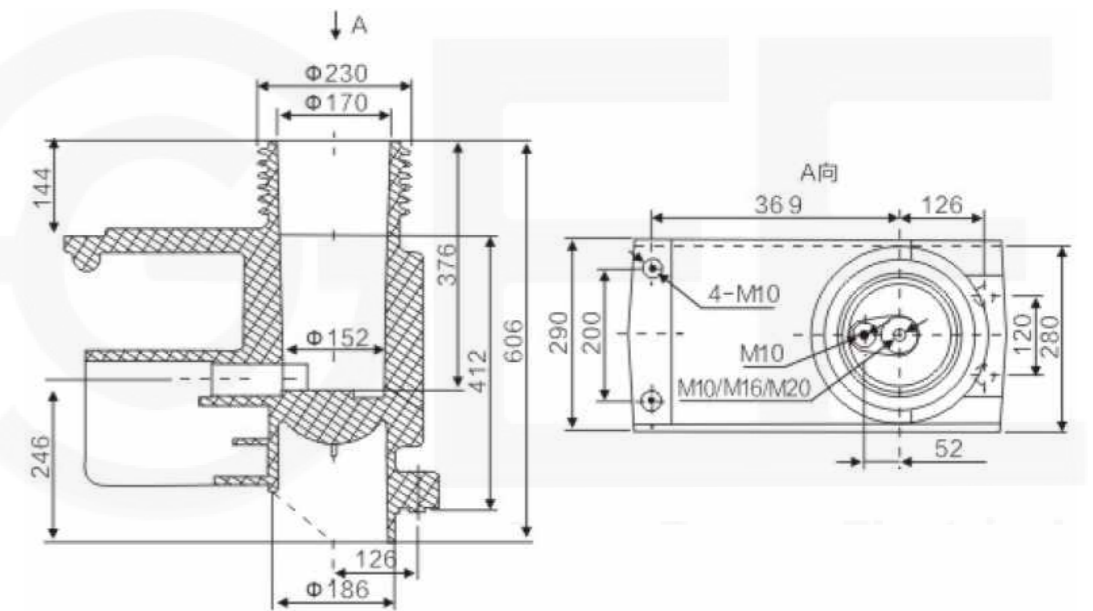
Frequency withstand voltage	95kV
Impulse voltage	185kV
Partial discharge	44.6kV -5pC
Creepage distance	>810 mm



**CHN3-40.5/606**

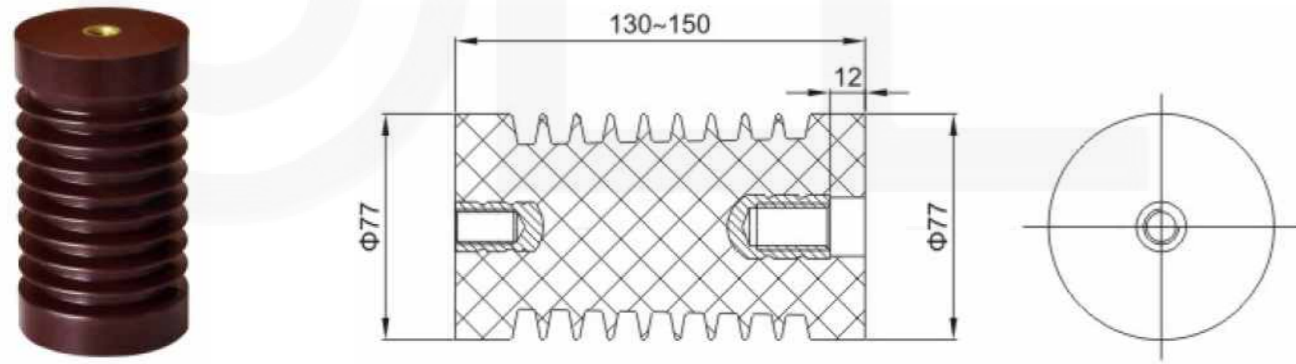


Frequency withstand voltage	95kV
Impulse voltage	185kV
Partial discharge	44.6kV -5pC
Creepage distance	>810 mm

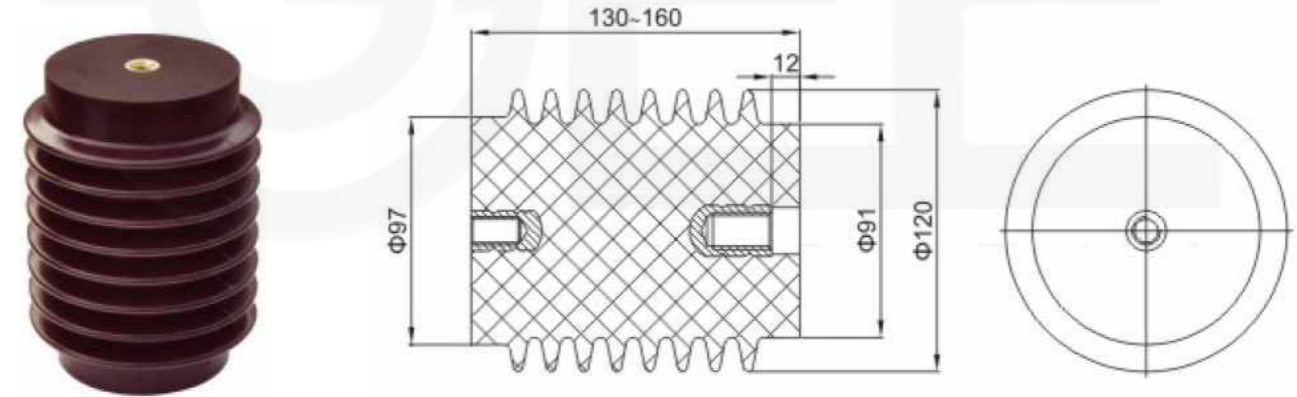


## Busbar Support Insulator-ZN6

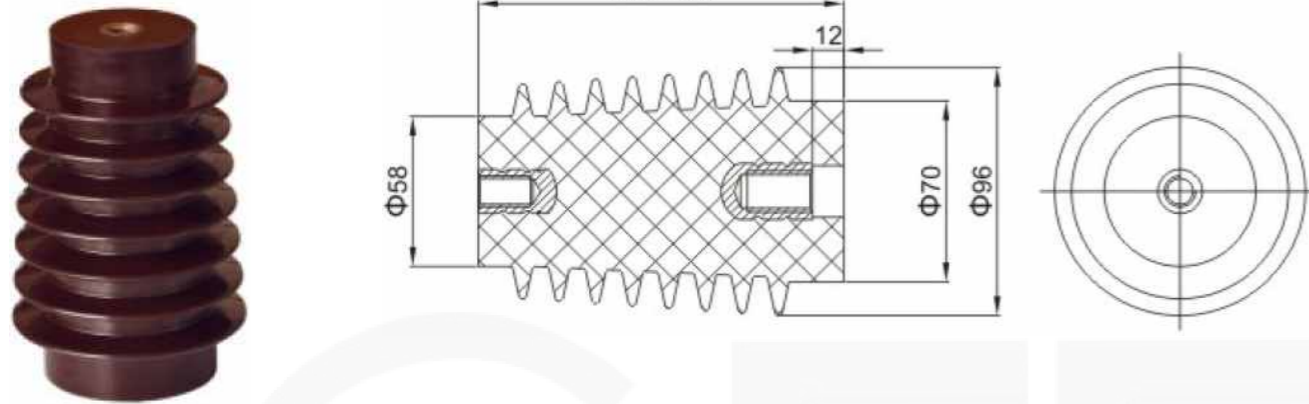
**ZN6-3.6/7.2/12-Φ77**



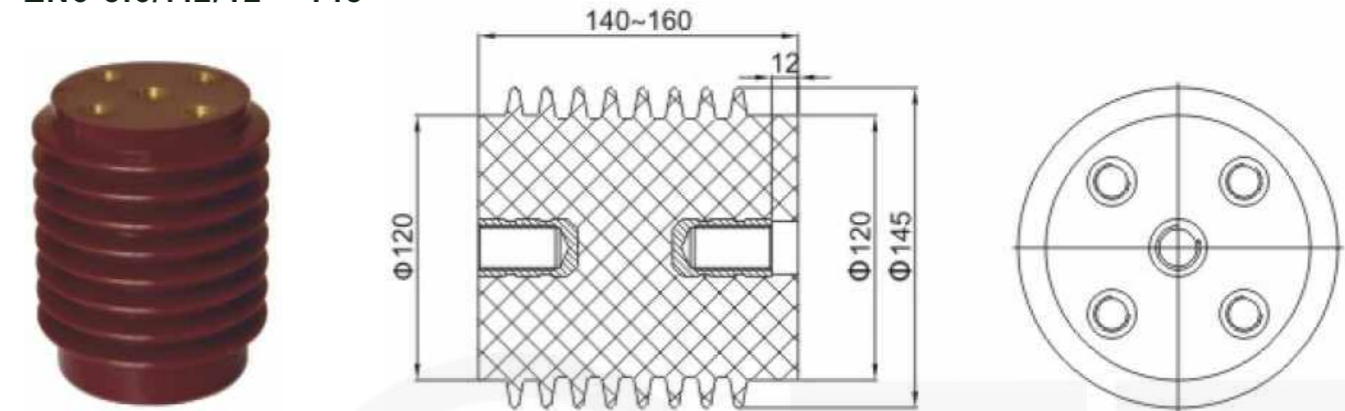
**ZN6-3.6/7.2/12-Φ120**



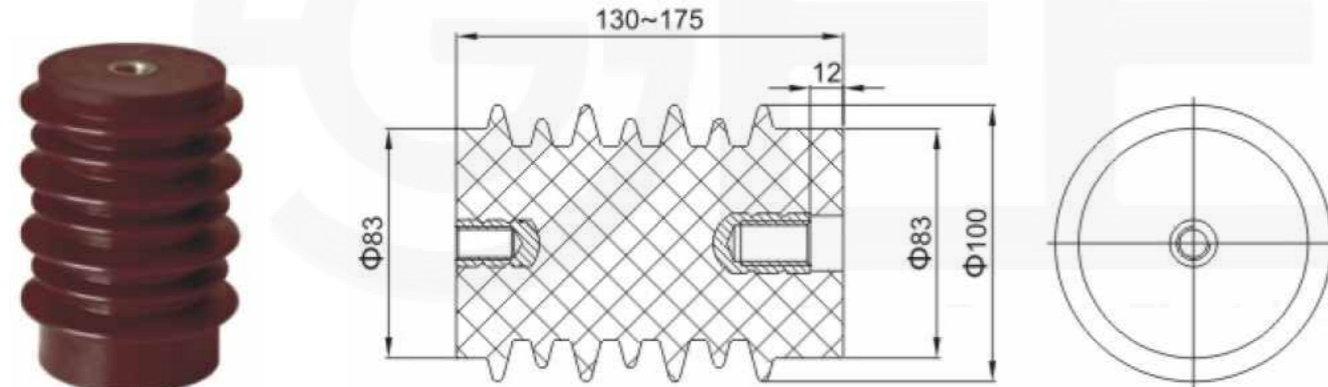
**ZN6-3.6/7.2/12-Φ96**



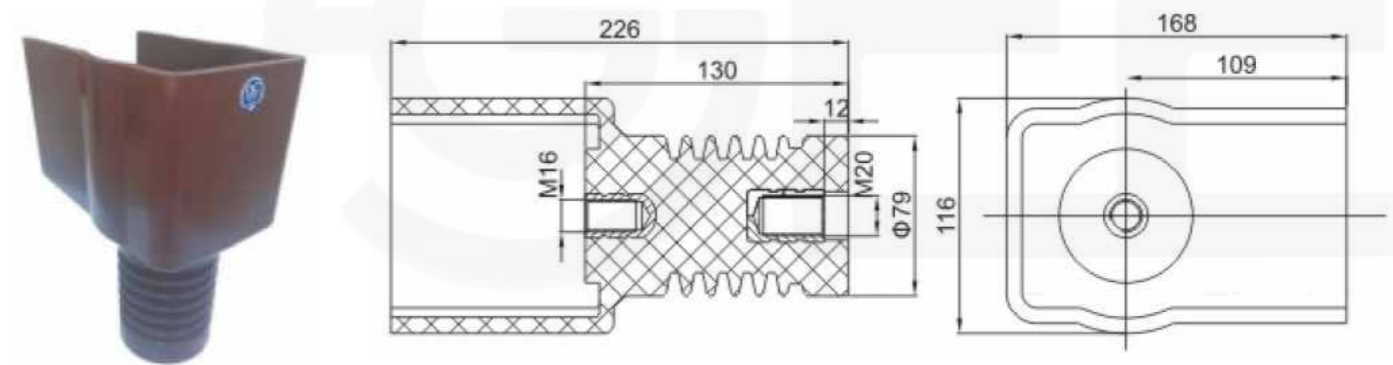
**ZN6-3.6/7.2/12-Φ145**



**ZN6-3.6/7.2/12-Φ100**



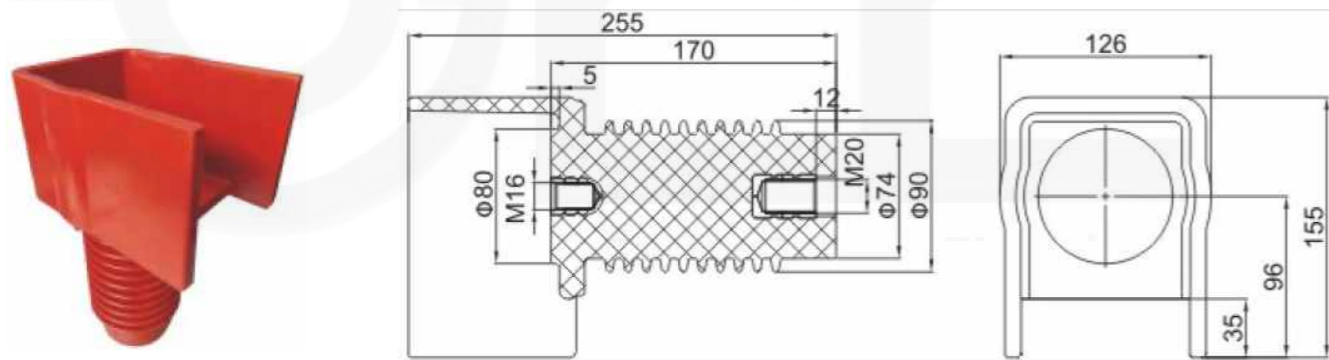
**ZN6-12/DZ-Φ79**



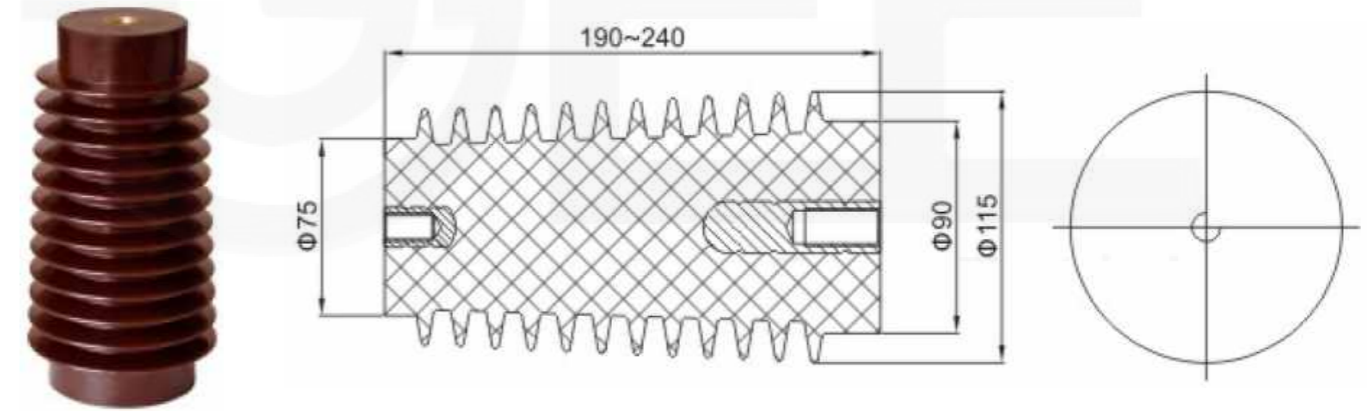


## Busbar Support Insulator-ZN6

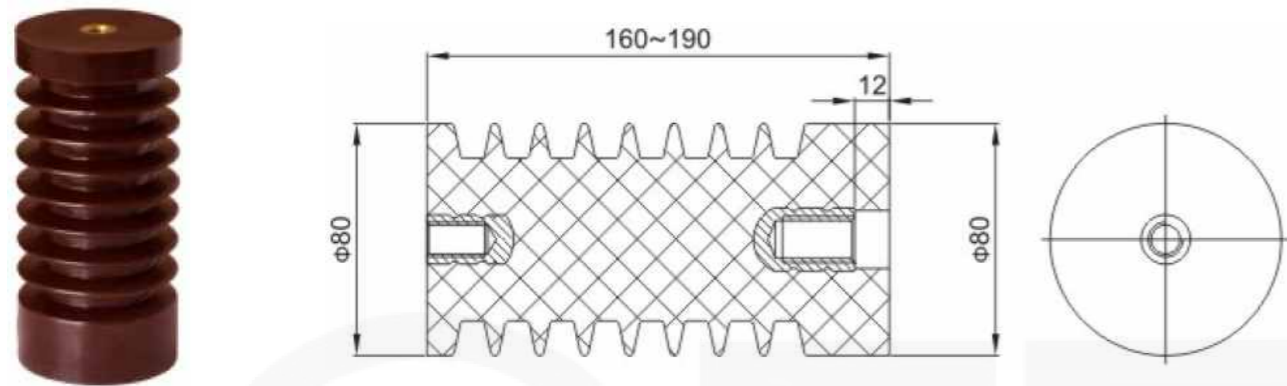
**ZN6-12/DZ-Φ90**



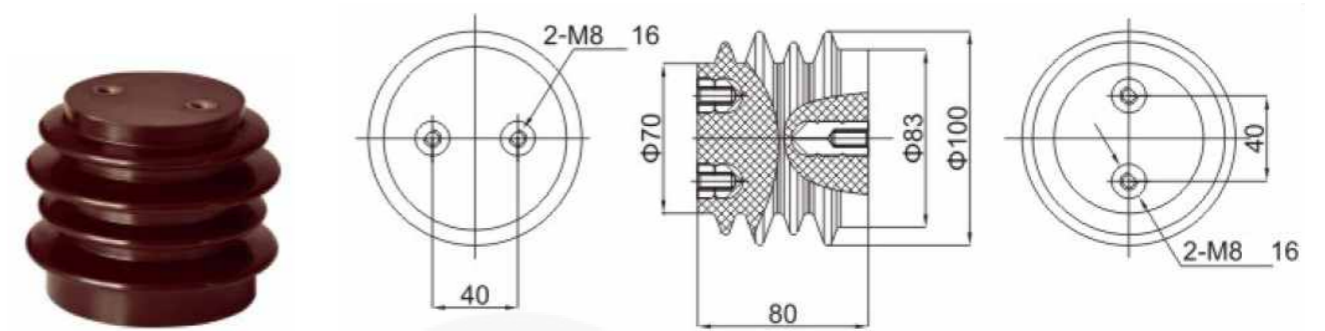
**ZN6-15/24-Φ115**



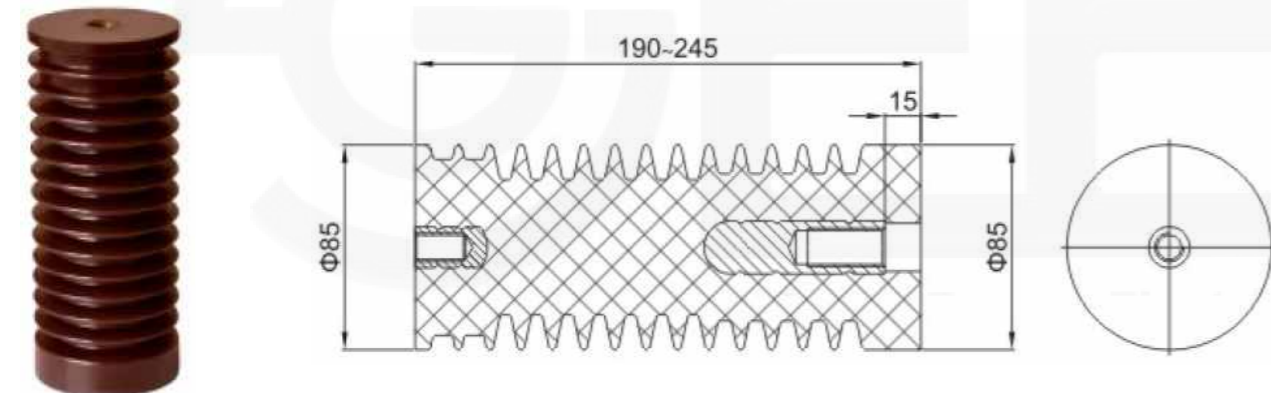
**ZN6-12-Φ80**



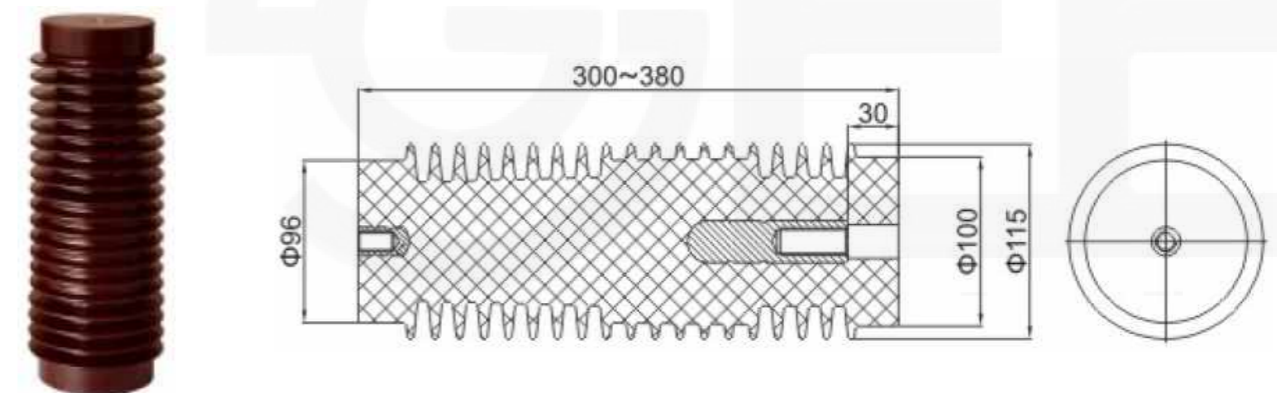
**ZN6-40.5-Φ100**



**ZN6-15/24-Φ85**

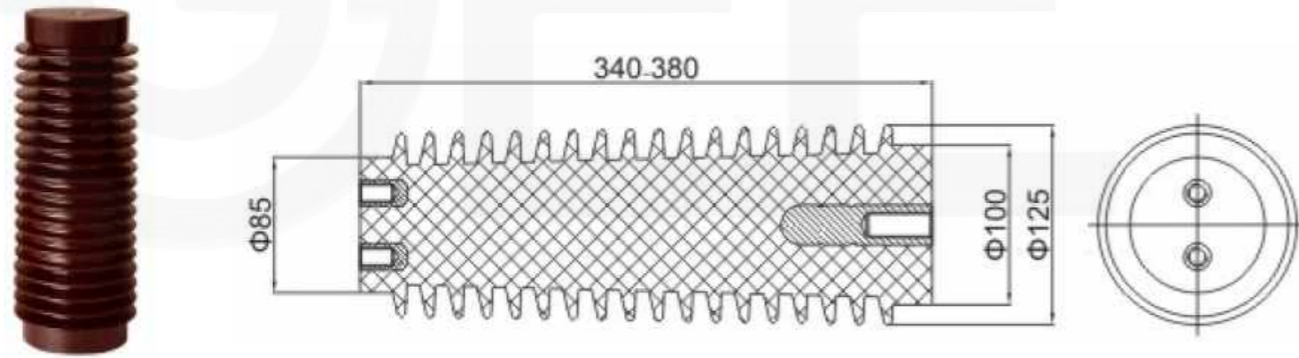


**ZN6-40.5-Φ115**

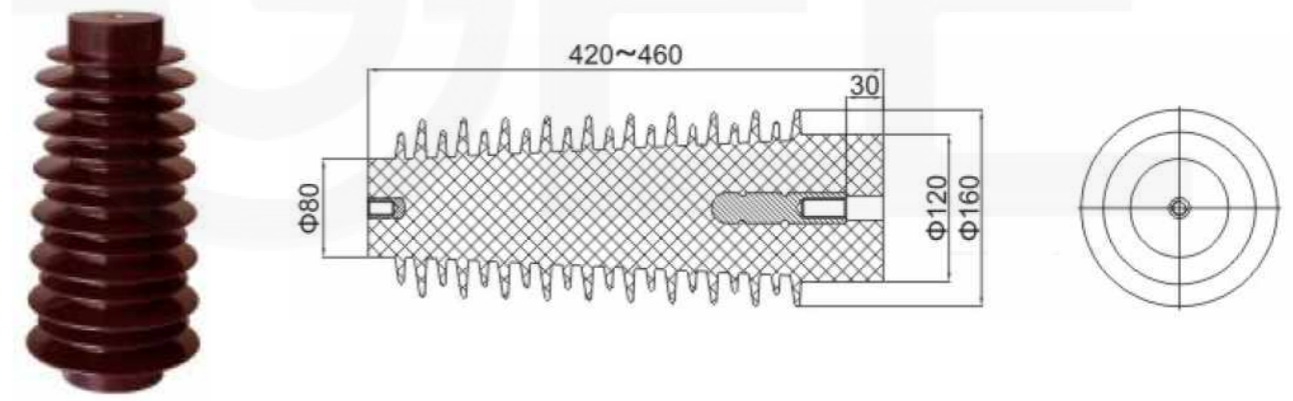


## Busbar Support Insulator-ZN6

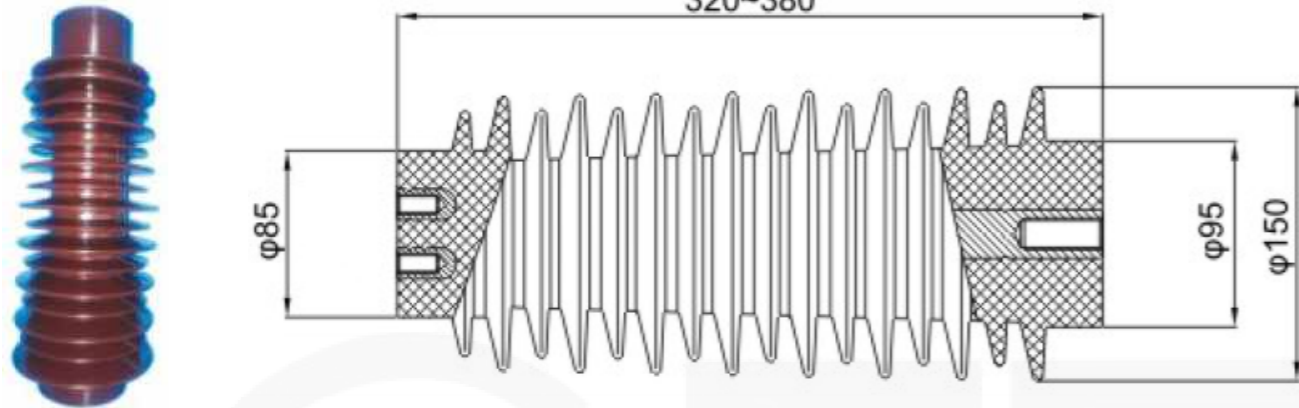
**ZN6-40.5-Φ125**



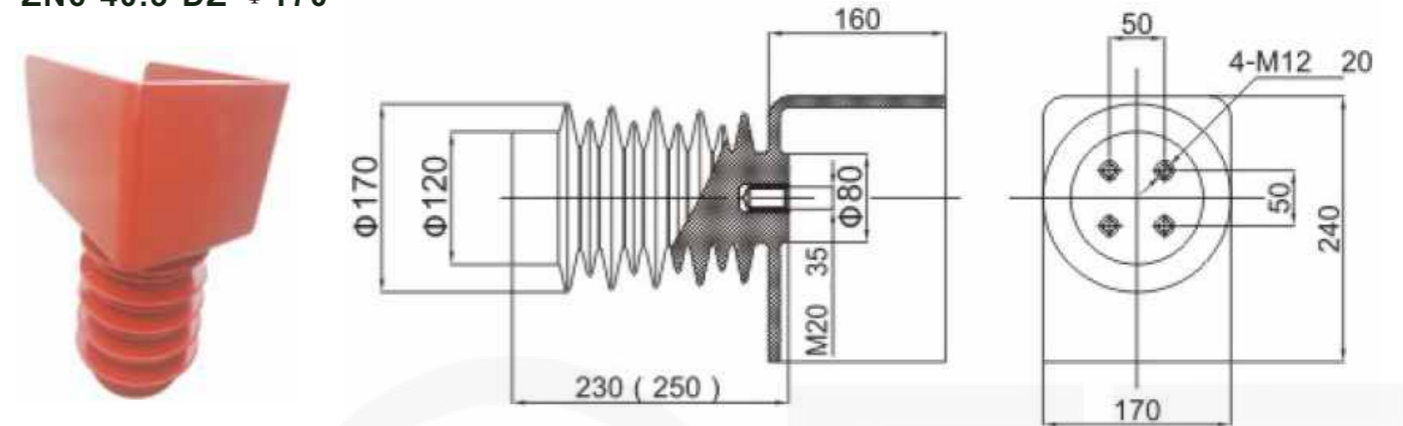
**ZN6-40.5-Φ160**



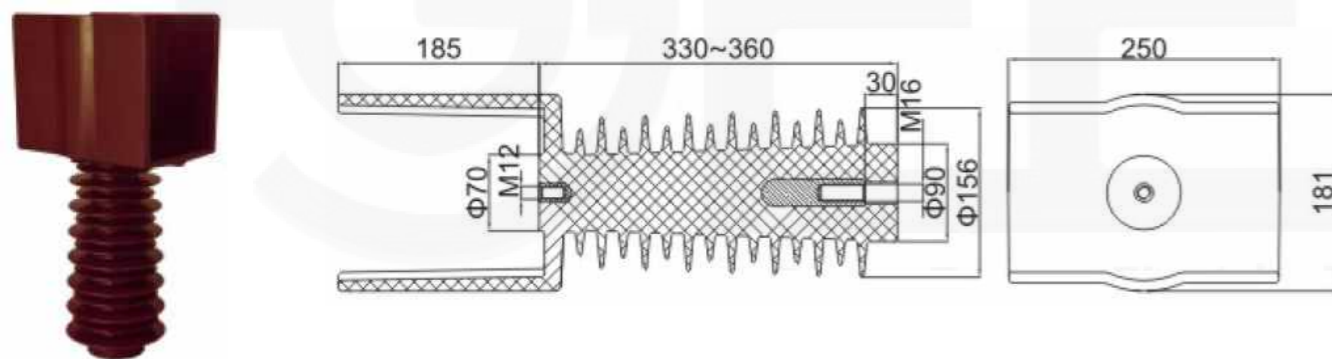
**ZN6-40.5-Φ150**



**ZN6-40.5-DZ-Φ170**



**ZN6-140.5/DZ-Φ156**



Rated Voltage	3.6kV	7.2kV	12kV	24kV	40.5kV	Impact strength	6Joule	
Industrial frequency withstand voltage	25kV	32kV	42kV	68kV	100kV	Withstanding torque	M6	25N.m
Lightning Impulse Voltage	40kV	60kV	75kV	125kV	185kV		M8	40N.m
Partial discharge	<3pC						M10	51.2N.m
Creepage distance	>240mm		>480mm		>810mm		M12	80N.m
Bending load	Outer diameter Φ120 >16KN    Φ85 >6KN Other outer diameter >8KN						M16	215N.m
Tensile load	>8KN						M20	320N.m

## Busbar Support Insulator-ZN6

Type	Rated voltage/ kV	Height/ mm	Upper flange specification	Lower flange specification	Maximum outer diameter/ mm	Applicable altitude/m
$\phi 77$						
ZN6-12/140A1-M12-M16- $\phi 77$	12	140	M12	M16	$\phi 77$	1600
ZN6-12/140B5-M10 $\times$ 36-M16- $\phi 77$	12	140	M10-36			
ZN6-12/145A1-M12-M16- $\phi 77$	12	145	M12			1700
ZN6-12/145B3-M10 $\times$ 35-M16- $\phi 77$	12	145	M10-35			
ZN6-12/145C-M12/M10 $\times$ 36-M16- $\phi 77$	12	145	M12/M10-36			1900
ZN6-12/150A1-M12-M16- $\phi 77$	12	150	M12			
ZN6-12/150B3-M10 $\times$ 30-M16- $\phi 77$	12	150	M10-30			
$\phi 96$						
ZN6-12/130A1-M12-M16- $\phi 96$	12	130	M12	M16	$\phi 96$	1700
ZN6-12/130B7-M8 $\times$ 28-M16- $\phi 96$	12	130	M8-28			
ZN6-12/135A1-M12-M16- $\phi 96$	12	135	M12			1900
ZN6-12/135B9-M8 $\times$ 36-M16- $\phi 96$	12	135	M8-36			
ZN6-12/140A1-M12-M16- $\phi 96$	12	140	M12			2100
ZN6-12/140B6-M8 $\times$ 28-M16- $\phi 96$	12	140	M8-28			
ZN6-12/140C-M10/M8 $\times$ 33-M16- $\phi 96$	12	140	M10/M8-33			2300
ZN6-12/145A1-M12-M16- $\phi 96$	12	145	M12			
ZN6-12/145B1-M12*24-M16- $\phi 96$	12	145	M10-24			
ZN6-12/145AB3-M10/M8 $\times$ 33-M16- $\phi 96$	12	145	M10/M8-28			2500
ZN6-12/150A1-M12-M16- $\phi 96$	12	150	M12			
ZN6-12/160A1-M12-M16- $\phi 96$	12	160	M12			3000
ZN6-12/160B6-M8 $\times$ 26-M16- $\phi 96$	12	160	M8-28			

Type	Rated voltage/ kV	Height/ mm	Upper flange specification	Lower flange specification	Maximum outer diameter/ mm	Applicable altitude/m
$\phi 100$						
ZN6-12/140A1-M12-M16- $\phi 100$	12	140	M12	M16	$\phi 100$	1700
ZN6-12/140B5-M10 $\times$ 36-M16- $\phi 100$	12	140	M10-36			
ZN6-12/140B-M10 $\times$ 40-M16- $\phi 100$	12	140	M10-40			
ZN6-12/140C-M10/M8 $\times$ 28-M16- $\phi 100$	12	140	M10/M8-28			1700
ZN6-12/145A1-M12-M16- $\phi 100$	12	145	M12			
ZN6-12/145B5-M10 $\times$ 36-M16- $\phi 100$	12	145	M10-36			1900
ZN6-12/150B5-M10 $\times$ 36-M16- $\phi 100$	12	150	M10-36			
ZN6-12/160B5-M10 $\times$ 36-M16- $\phi 100$	12	160	M10-36			2200
ZN6-12/170B5-M10 $\times$ 36-M16- $\phi 100$	12	170	M10-36			2400
$\phi 120$						
ZN6-12/130A20-M16-M20- $\phi 120$	12	130	M16	M20	$\phi 120$	1600
ZN6-12/140A20-M16-M20- $\phi 120$	12	140	M16			2000
ZN6-12/145A20-M16-M20- $\phi 120$	12	145	M16			2300
ZN6-12/145B20-M12 $\times$ 40-M20- $\phi 120$	12	145	M12-40			
ZN6-12/150A20-M16-M20- $\phi 120$	12	150	M16			2500
ZN6-12/160A20-M16-M20- $\phi 120$	12	160	M16			3000
$\phi 145$						
ZN6-12/140C3-M20/M16 $\times$ 60-M20- $\phi 145$	12	140	M20/M16-60	M20	$\phi 145$	2200
ZN6-12/145C3-M20/M16 $\times$ 60-M20- $\phi 145$	12	145	M20/M16-60			2400
ZN6-12/150C3-M20/M16 $\times$ 60-M20- $\phi 145$	12	150	M20/M16-60			2600
ZN6-12/170A20-M16-M20- $\phi 145$	12	170	M16			3500

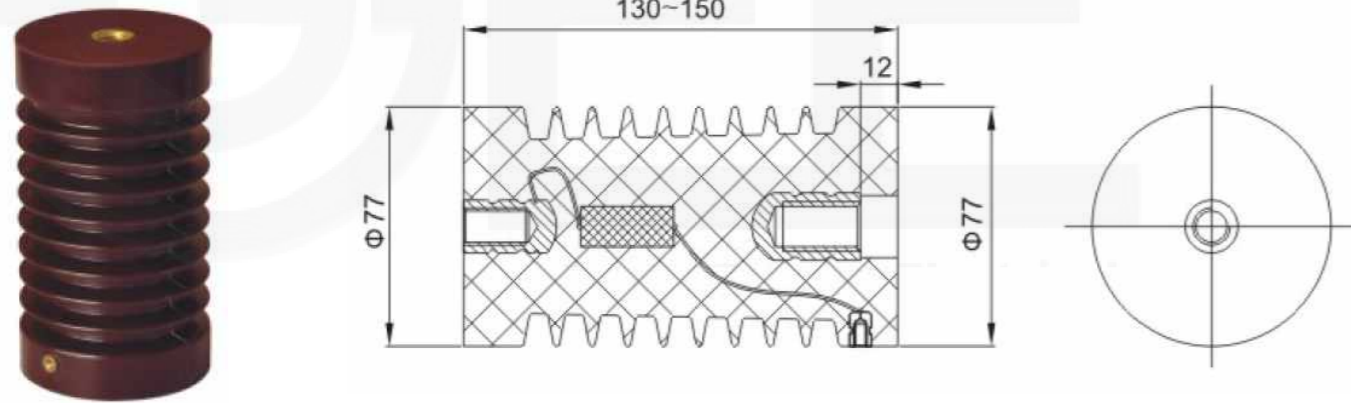
## Busbar Support Insulator-ZN6

Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter/mm	Applicable altitude/m	
<b>φ80</b>							
ZN6-12/170A1-M12-M16-φ80	12	170	M12	M16	φ80	3200	
ZN6-12/175A1-M12-M16-φ80	12	175	M12			3300	
<b>φ85</b>							
ZN6-17.5/210A1-M12-M16-φ85	17.5	210	M12	M16	φ85	3300	
ZN6-17.5/210B-M8×28-M16-φ85	17.5	210	M8-28				
ZN6-24/225A1-M12-M16-φ85	24	225	M12				
ZN6-24/225B-M10×40-M16-φ85	24	225	M10-40			1000	
ZN6-24/240B-M10×40-M16-φ85	24	240	M10-40				
<b>24kV-φ115</b>							
ZN6-24/200A1-M12-M16-φ115	24	200	M12	M16	φ115	1300	
ZN6-24/200C-M10/M10×36-M16-φ115	24	200	M10/M10-36				
ZN6-24/210B5-M10×36-M16-φ115	24	210	M10-36				1500
ZN6-24/225B5-M10×36-M16-φ115	24	225	M10-36				
ZN6-24/240B-M10×40-M16-φ115	24	240	M10-40			2000	
<b>40.5kV-φ115</b>							
ZN6-40.5/320A1-M12-M16-φ115	40.5	320	M12	M16	φ115	1100	
ZN6-40.5/320B-M10×30-M16-φ115	40.5	320	M10-230				
ZN6-40.5/330A-M10-M16-φ115	40.5	330	M10			1200	
ZN6-40.5/330A-M10×30/M12-M16-φ115	40.5	330	M12/M10-30				
ZN6-40.5/340B-M10×40-M16-φ115	40.5	340	M10-40				1300
ZN6-40.5/360B-M10×40-M16-φ115	40.5	360	M10-40				

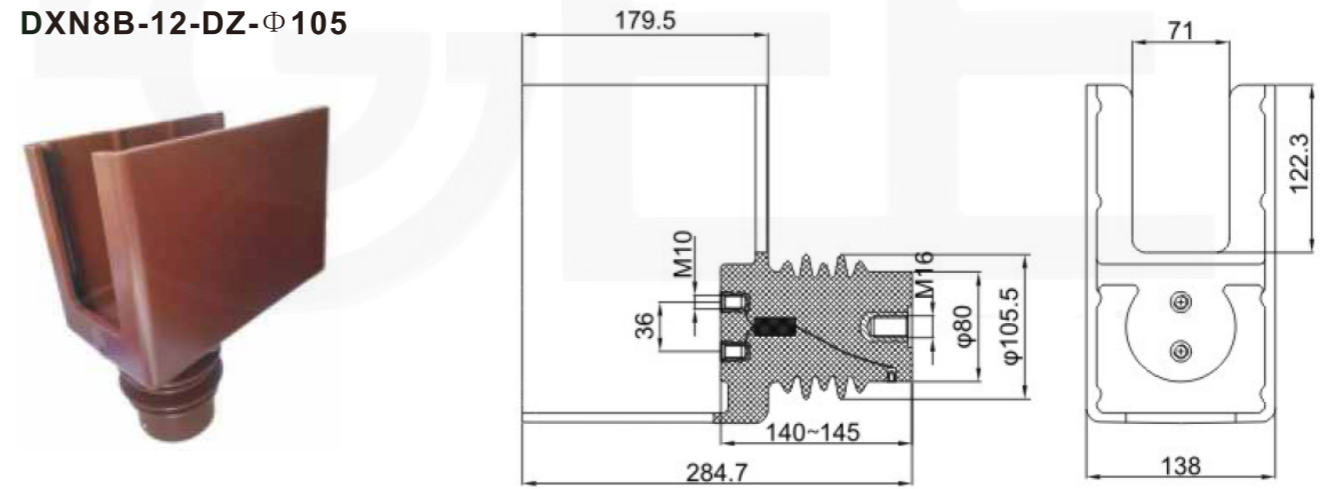
Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter/mm	Applicable altitude/m		
ZN6-40.5/365B-M10×40-M16-φ115	40.5	365	M10-40	M16	φ115	1500		
ZN6-40.5/380A-M10-M16-φ115	40.5	380	M10			1600		
ZN6-40.5/380B-M10×30-M16-φ115	40.5	380	M10-30					
<b>φ125</b>								
ZN6-40.5Q/340B-M12×40-M16-φ125	40.5	340	M12-40	M16	φ125	1700		
ZN6-40.5Q/360B-M12×40-M16-φ125	40.5	360	M12-40			1800		
ZN6-40.5/365B-M10×40-M16-φ125	40.5	365	M10-40				1900	
ZN6-40.5Q/380B-M12×40-M16-φ125	40.5	380	M12-40					2000
<b>φ150</b>								
ZN6-40.5/320B-M10×30-M16-φ150	40.5	320	M10-30	M16	φ150	1500		
ZN6-40.5/340B-M10×30-M16-φ150	40.5	340	M10-30			2000		
ZN6-40.5/360B-M10×30-M16-φ150	40.5	360	M10-30				2400	
ZN6-40.5/380B-M10×30-M16-φ150	40.5	380	M10-30					3000
<b>φ160</b>								
ZN6-40.5/320B-M12×40-M16-φ160	40.5	420	M12-40	M16	φ160	3900		
ZN6-40.5/460A1-M12-M16-φ160	40.5	460	M12			4000		

## Busbar Support Insulator-DXN8B

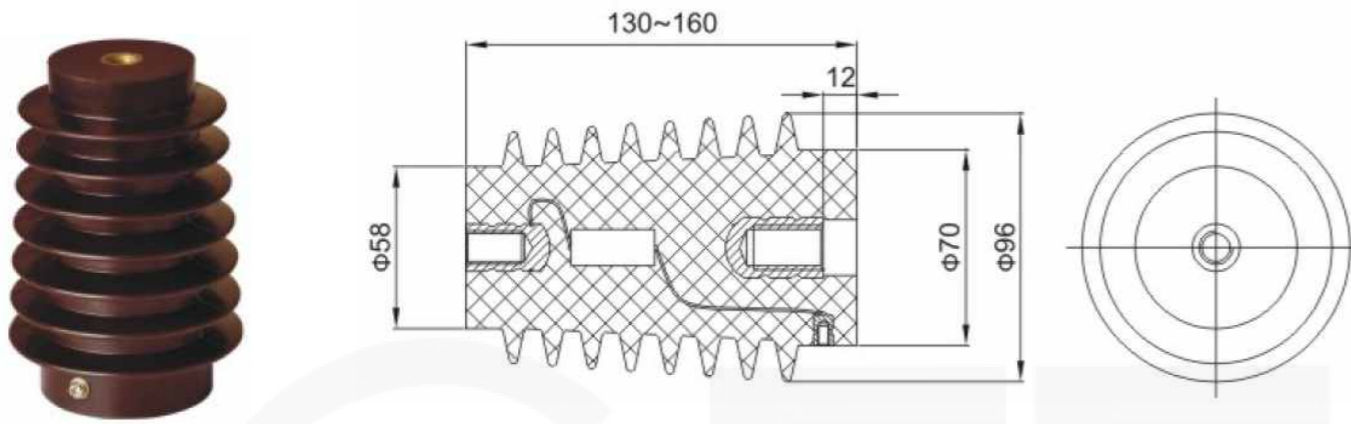
**DXN8B-3.6/7.2/12-Φ77**



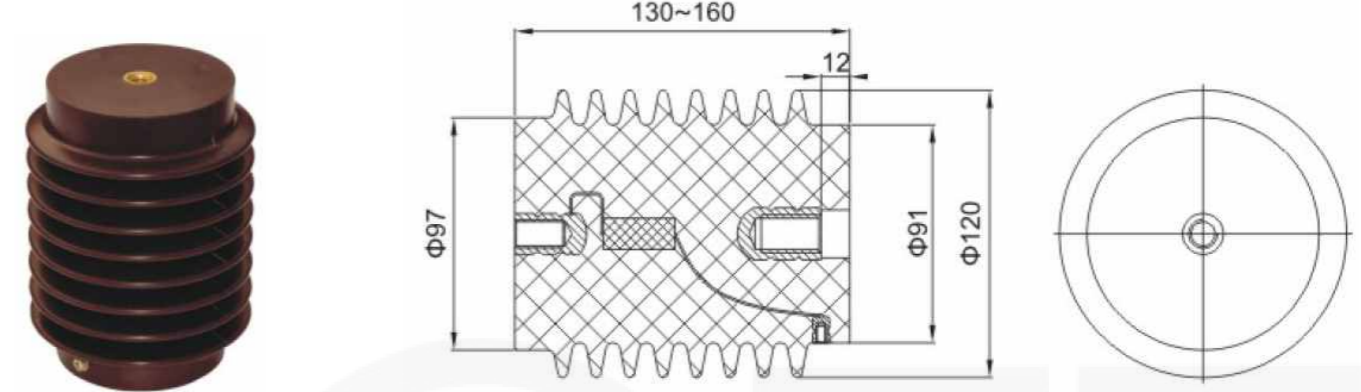
**DXN8B-12-DZ-Φ105**



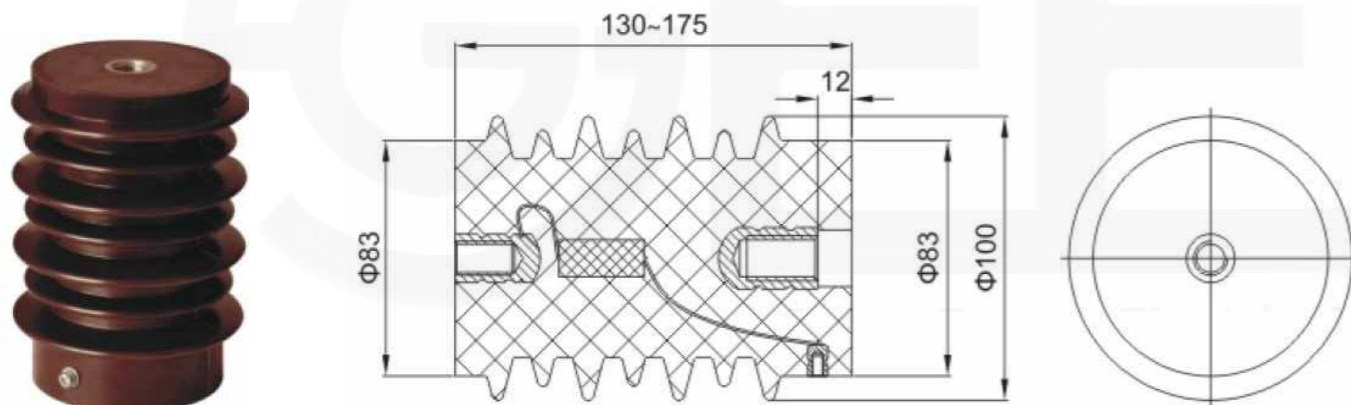
**DXN8B-3.6/7.2/12-Φ96**



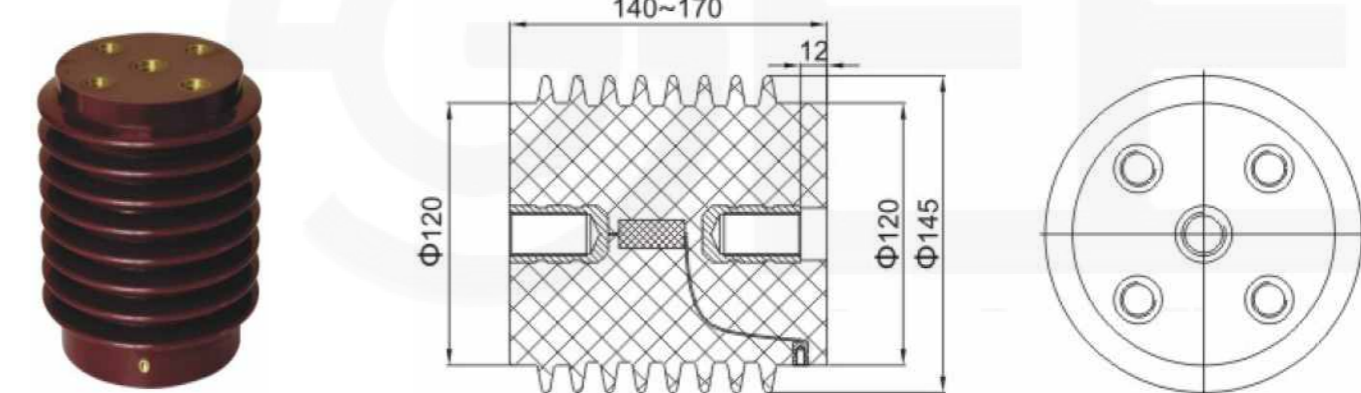
**DXN8B-3.6/7.2/12-Φ120**



**DXN8B-3.6/7.2/12-Φ100**

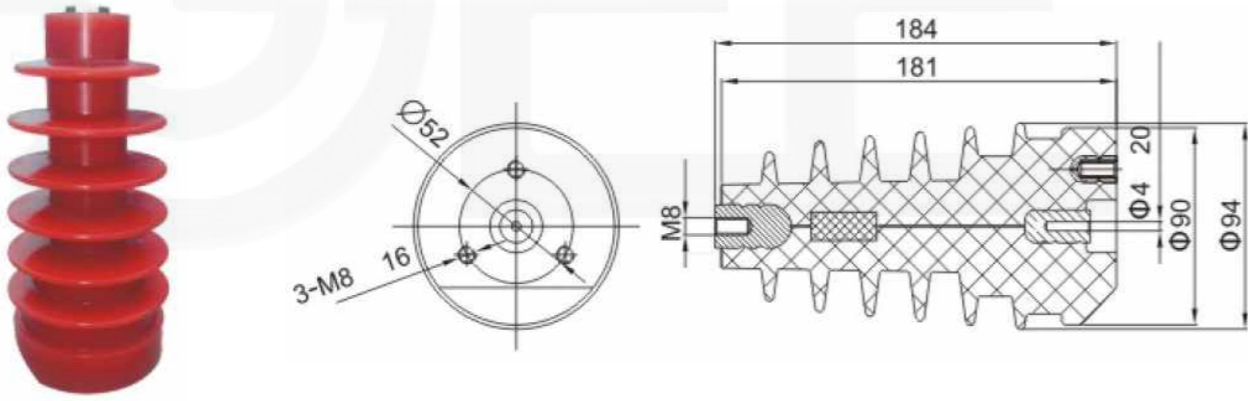


**DXN8B-3.6/7.2/12-Φ145**

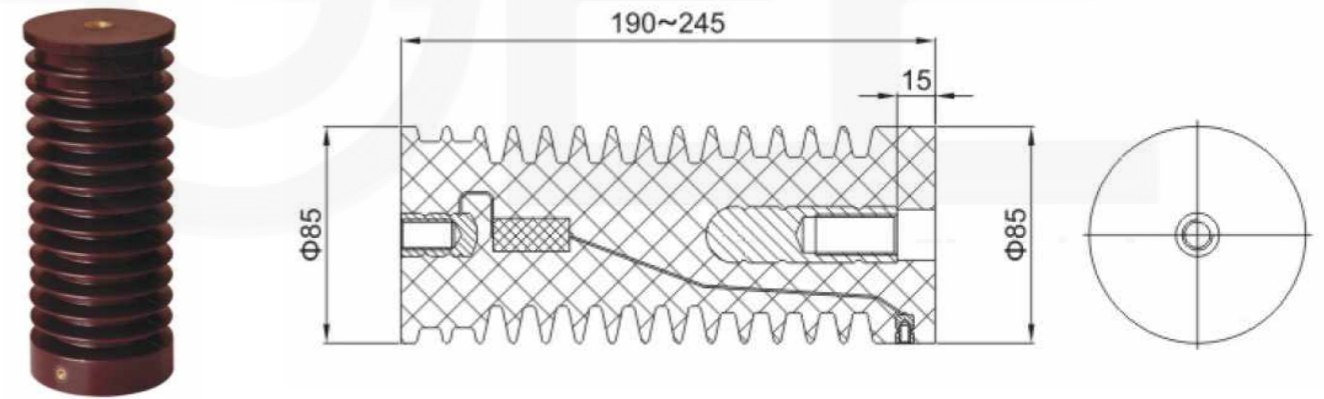


## Busbar Support Insulator-DXN8B

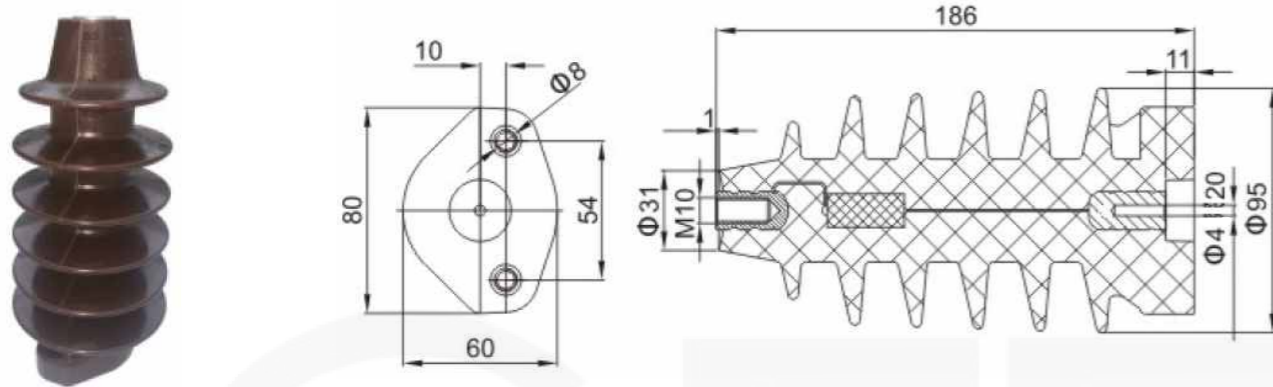
**DXN8B-12-Φ94**



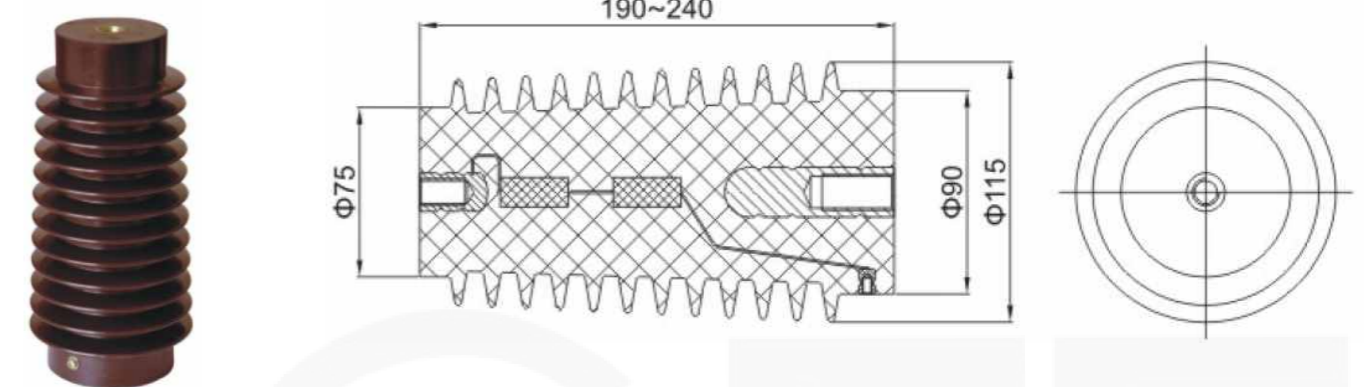
**DXN8B-17.5/24-Φ85**



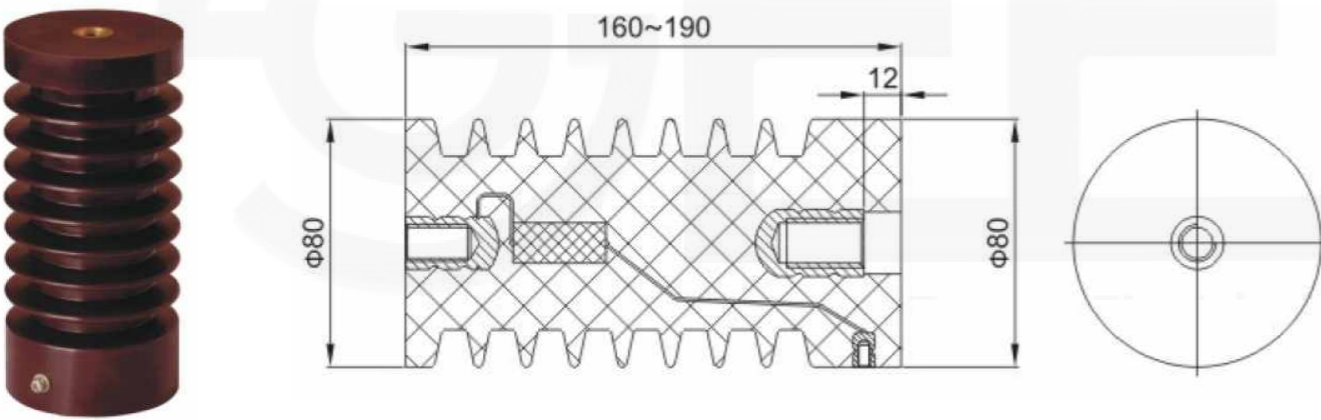
**DXN8B-12-Φ95**



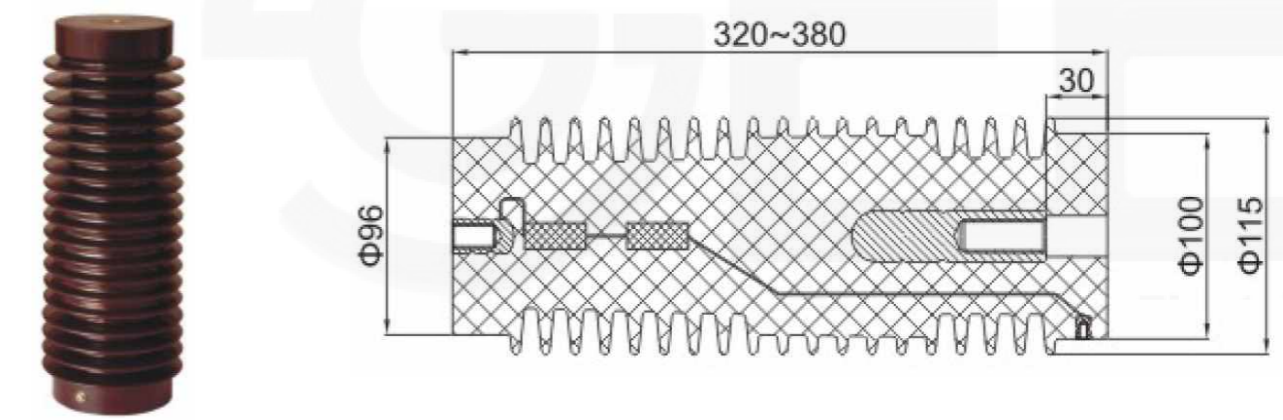
**DXN8B-24-Φ115**



**DXN8B-12-Φ80**

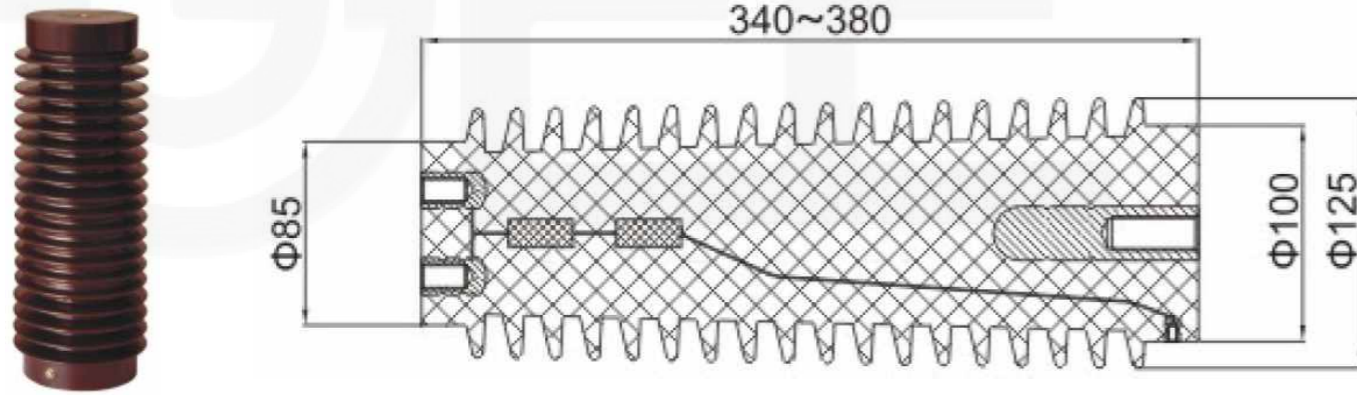


**DXN8B-40.5-Φ115**

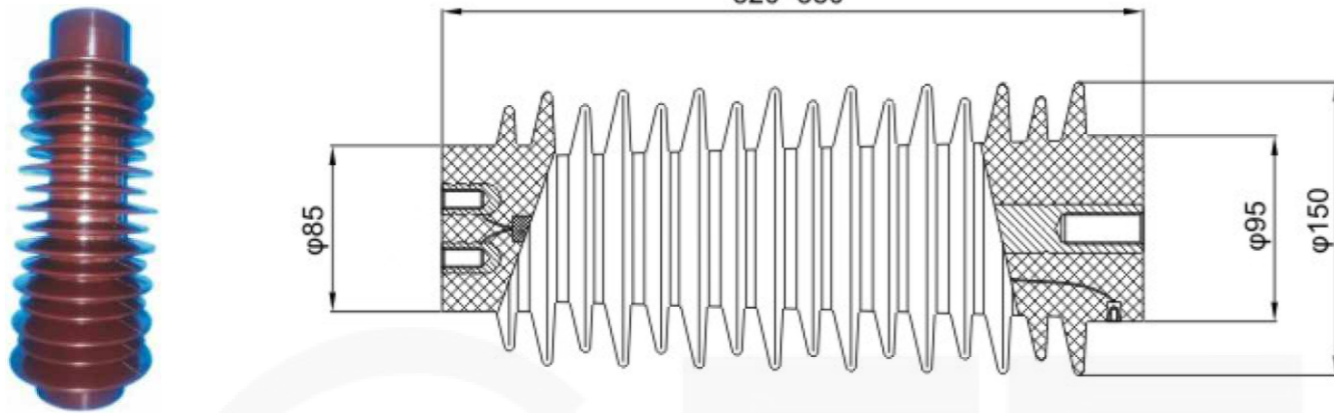


## Busbar Support Insulator-DXN8B

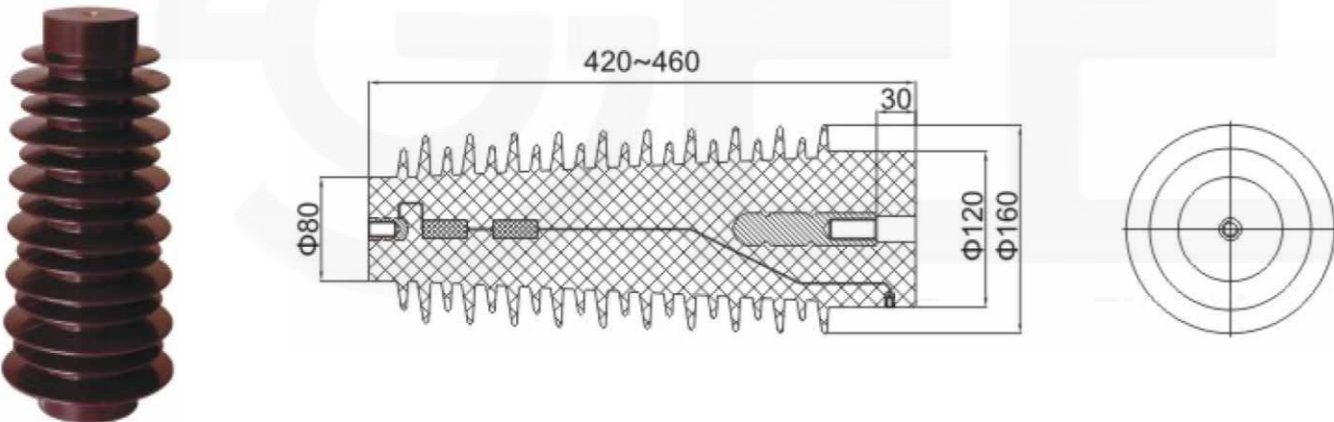
**DXN8B-40.5-Φ125**



**DXN8B-40.5-Φ150**



**DXN8B-40.5-Φ160**



Rated Voltage	3.6kV	7.2kV	12kV	24kV	40.5kV	Impact strength	6Joule	
Industrial frequency withstand voltage	25kV	32kV	42kV	68kV	100kV	Withstanding torque	M6	25N.m
Lightning Impulse Voltage	40kV	60kV	75kV	125kV	185kV		M8	40N.m
Partial discharge	<3pC						M10	51.2N.m
Creepage distance	≥240mm		≥480mm		≥810mm		M12	80N.m
Bending load	Outer diameter Φ120 >16KN Φ85 >6KN Other outer diameter >8KN						M16	215N.m
Tensile load	≥8KN					M20	320N.m	

Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter/mm	Applicable altitude/m
Φ77						
DXN8B-12/140A1-M12-M16-Φ77	12	140	M12	M16	Φ77	1000
DXN8B-12/140B5-M10×36-M16-Φ77	12	140	M10-36			
DXN8B-12/145A1-M12-M16-Φ77	12	145	M12			
DXN8B-12/145B3-M10×35-M16-Φ77	12	145	M10-35			
DXN8B-12/145C-M12/M10×36-M16-Φ77	12	145	M12/M10-36			
DXN8B-12/150A1-M12-M16-Φ77	12	150	M12			
DXN8B-12/150B3-M10×30-M16-Φ77	12	150	M10-30			
Φ96						
DXN8B-12/130A1-M12-M16-Φ96	12	130	M12	M16	Φ96	1100
DXN8B-12/130B7-M8×28-M16-Φ96	12	130	M8-28			
DXN8B-12/135A1-M12-M16-Φ96	12	135	M12			
DXN8B-12/135B9-M8×36-M16-Φ96	12	135	M8-36			

## Busbar Support Insulator-DXN8B

Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter/mm	Applicable altitude/m	
DXN8B-12/140A1-M12-M16-φ96	12	140	M12	M16	φ96	1600	
DXN8B-12/140B6-M8×28-M16-φ96	12	140	M8-28				
DXN8B-12/140C-M10/M8×33-M16-φ96	12	140	M10/M8-33				
DXN8B-12/145A1-M12-M16-φ96	12	145	M12			1800	
DXN8B-12/145B1-M10×24-M16-φ96	12	145	M10-24				
DXN8B-12/145AB3-M10/M8×28-M16-φ96	12	145	M10/M8-28				
DXN8B-12/150A1-M12-M16-φ96	12	150	M12				2000
DXN8B-12/160A1-M12-M16-φ96	12	160	M12				2600
DXN8B-12/160B6-M8×28-M16-φ96	12	160	M8-28				
φ100							
DXN8B-12/140A1-M12-M16-φ100	12	140	M12	M16	φ100	1100	
DXN8B-12/140B5-M10×36-M16-φ100	12	140	M10-36				
DXN8B-12/140B-M10×40-M16-φ100	12	140	M10-40				
DXN8B-12/140C-M10/M8×28-M16-φ100	12	140	M10/M8-28				
DXN8B-12/145A1-M12-M16-φ100	12	145	M12			1200	
DXN8B-12/145B5-M10×36-M16-φ100	12	145	M10-36				
DXN8B-12/150B5-M10×36-M16-φ100	12	150	M10-36				
DXN8B-12/160B5-M10×36-M16-φ100	12	160	M10-36				
DXN8B-12/170B5-M10×36-M16-φ100	12	170	M10-36				
DXN8B-12/170B5-M10×36-M16-φ100	12	170	M10-36				
φ120							
DXN8B-12/130A20-M16-M20-φ120	12	130	M16	M20	φ120	1200	
DXN8B-12/140A20-M16-M20-φ120	12	140	M16			1700	

Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter/mm	Applicable altitude/m	
DXN8B-12/145A20-M16-M20-φ120	12	145	M16	M20	φ120	1900	
DXN8B-12/145B-M12×40-M20-φ120	12	145	M12-40				
DXN8B-12/150A20-M16-M20-φ120	12	150	M16			2200	
DXN8B-12/160A20-M16-M20-φ120	12	160	M16			2700	
φ145							
DXN8B-12/140C3-M20/M16×60-M20-φ145	12	140	M20/M16-60	M20	φ145	1600	
DXN8B-12/145C3-M20/M16×60-M20-φ145	12	145	M20/M16-60			1800	
DXN8B-12/150C3-M20/M16×60-M20-φ145	12	150	M20/M16-60			2000	
DXN8B-12/170A20-M16-M20-φ145	12	170	M16			3000	
φ80							
DXN8B-12/170A1-M12-M16-φ80	12	170	M12	M16	φ80	2600	
DXN8B-12/175A1-M12-M16-φ80	12	175	M12			2900	
φ85							
DXN8B-17.5/210A1-M12-M16-φ85	17.5	210	M12	M16	φ85	1000	
DXN8B-17.5/210B-M8×28-M16-φ85	17.5	210	M8-28				
DXN8B-17.5/225A1-M12-M16-φ85	17.5	225	M12			1200	
DXN8B-17.5/225B-M10×40-M16-φ85	17.5	225	M10-40				
DXN8B-24/240B-M10×4-M16-φ85	24	240	M10-40				1500
DXN8B-24/240B-M10×4-M16-φ85	24	240	M10-40				1500
24kV-φ115							
DXN8B-24/200A1-M12-M16-φ115	24	200	M12	M16	φ115	1000	
DXN8B-24/200C-M10/M10×36-M16-φ115	24	200	M10/M10-36				
DXN8B-24/210B5-M10×36-M16-φ115	24	210	M10			1200	



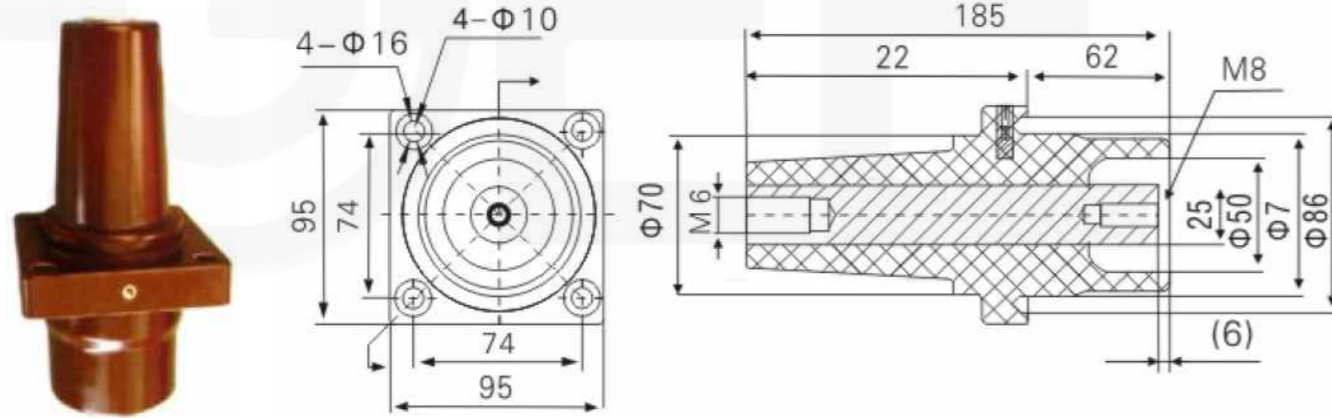
## Busbar Support Insulator-DXN8B

Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter /mm	Applicable altitude/m
DXN8B-24/225B5-M10×36-M16-φ115	24	225	M10-36	M16	φ115	1500
DXN8B-24/240B-M10×40-M16-φ115	24	240	M10-40			1500
40.5kV-φ115						
DXN8B-40.5/320A1-M12-M16-φ115	40.5	320	M12	M16	φ115	1000
DXN8B-40.5/320B-M10×30-M16-φ115	40.5	320	M10-30			
DXN8B-40.5/330A1-M10-M16-φ115	40.5	330	M10			
DXN8B-40.5/330AB-M10×30/M12-M16-φ115	40.5	330	M12/M10-30			
DXN8B-40.5/340B-M10×40-M16-φ115	40.5	340	M10-40			1100
DXN8B-40.5/360B-M10×40-M16-φ115	40.5	360	M10-40			1200
DXN8B-40.5/365B-M10×40-M16-φ115	40.5	365	M10-40			
DXN8B-40.5/380A-M10-M16-φ115	40.5	380	M10			
DXN8B-40.5/380B-M10×30-M16-φ115	40.5	380	M10-30			
φ125						
DXN8B-40.5Q/340B-M12×40-M16-φ125	40.5	320	M12-40	M16	φ125	1500
DXN8B-40.5Q/360B-M12×40-M16-φ125	40.5	340	M12-40			1700
DXN8B-40.5/365B-M10×40-M16-φ125	40.5	360	M10-40			
DXN8B-40.5Q/380B-M12×40-M16-φ125	40.5	380	M12-40			2000
φ150						
DXN8B-40.5/320B-M10×30-M16-φ150	40.5	320	M10-30	M16	φ150	1500
DXN8B-40.5/340B-M10×30-M16-φ150	40.5	340	M10-30			2000
DXN8B-40.5/360B-M10×30-M16-φ150	40.5	360	M10-30			2400
DXN8B-40.5/380B-M10×30-M16-φ150	40.5	380	M10-30			3000

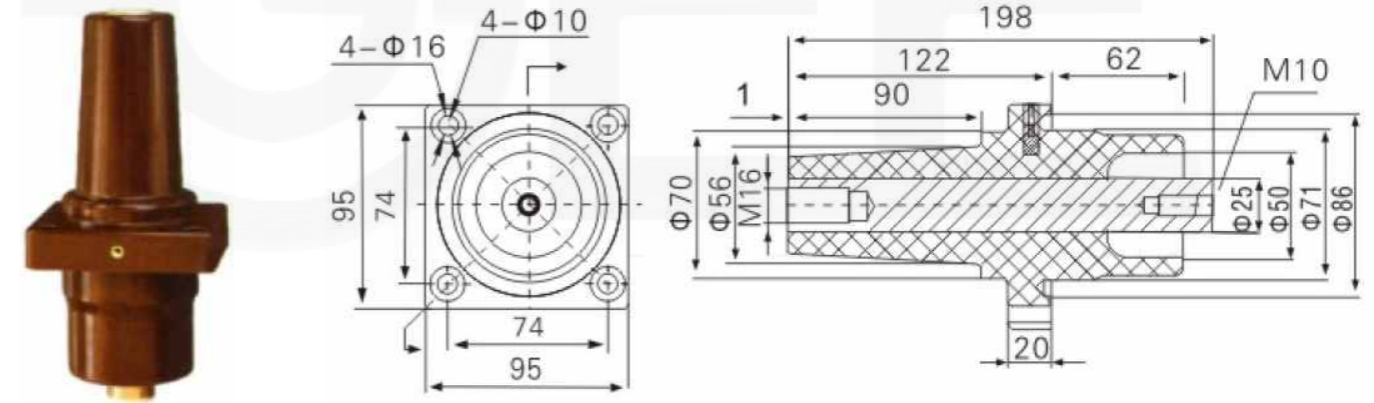
Type	Rated voltage /kV	Height /mm	Upper flange specification	Lower flange specification	Maximum outer diameter /mm	Applicable altitude/m
φ160						
DXN8B-40.5/420B-M12×40-M16-φ160	40.5	420	M12-40	M16	φ160	3500
DXN8B-40.5/460A1-M12-M16-φ160	40.5	460	M12			4000

## Busbar Support Insulator-SF6

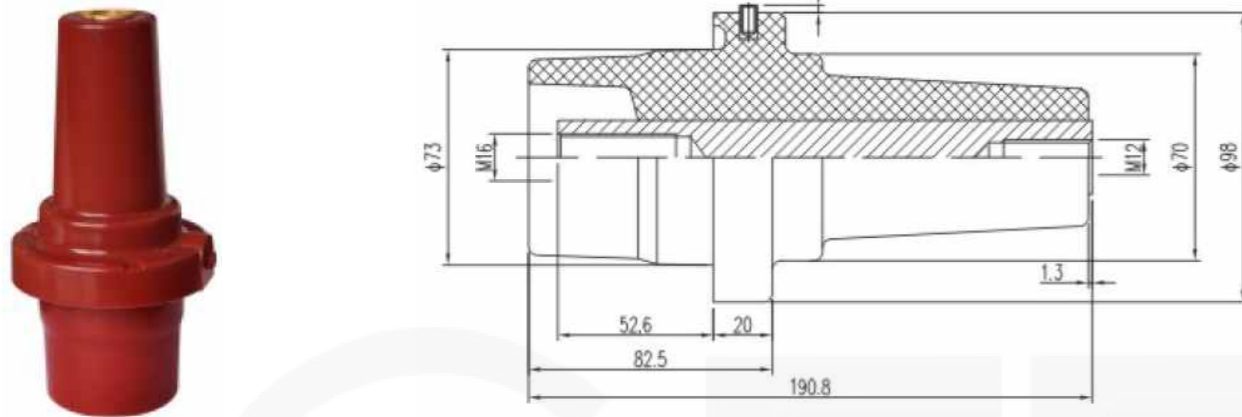
SF6-74×74-185



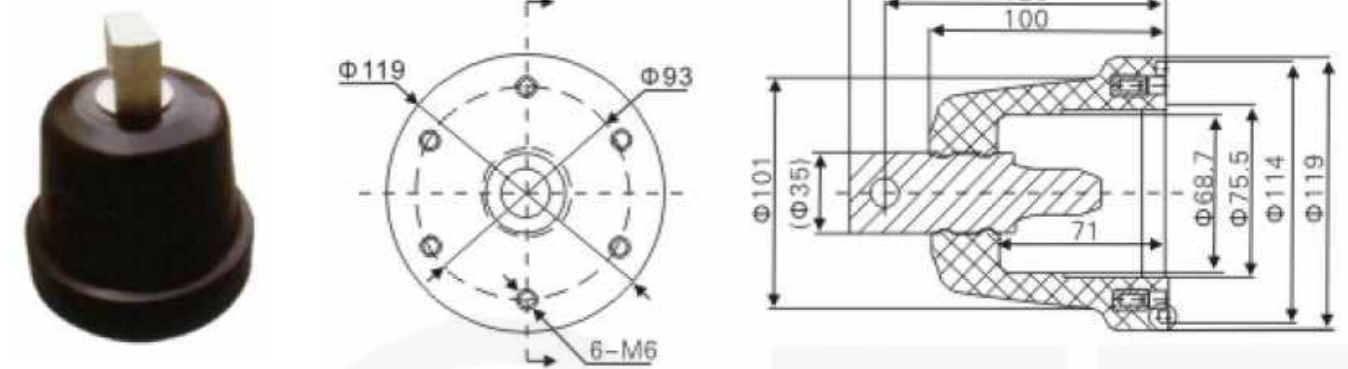
SF6-74×74-198



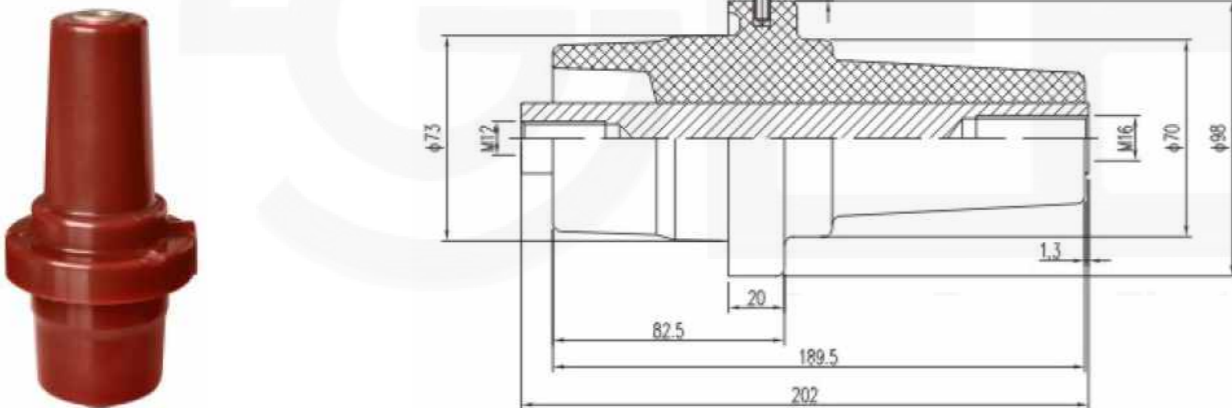
SF6-Φ98-190.8



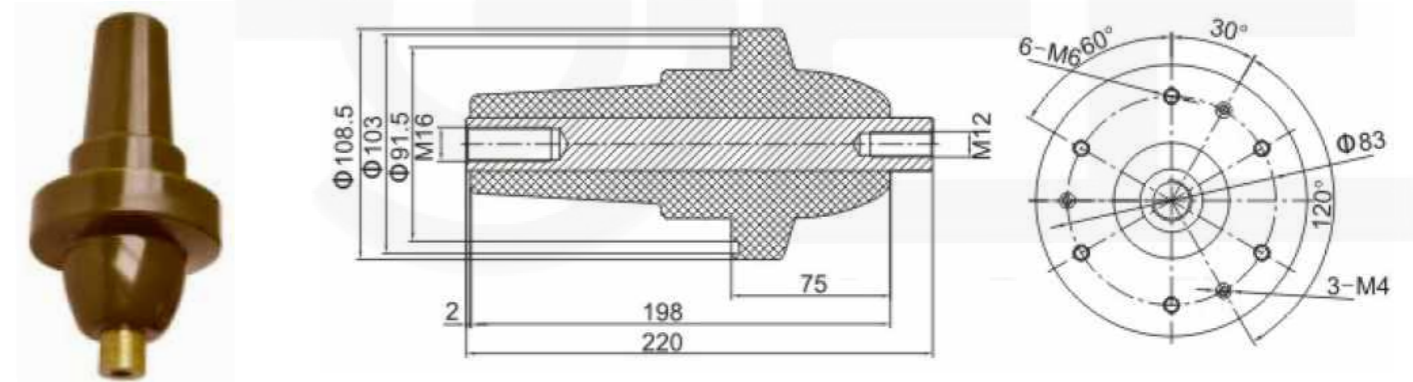
SF6-Φ119×135



SF6-Φ98-202

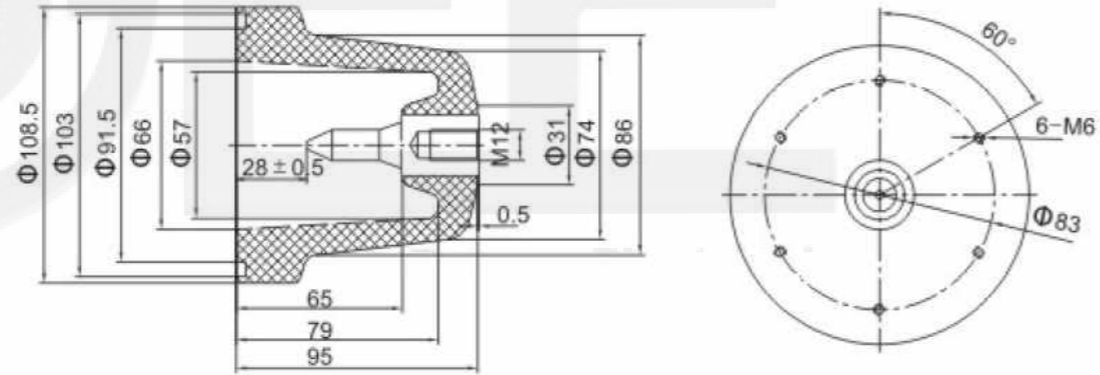


SF6-Φ108.5×220

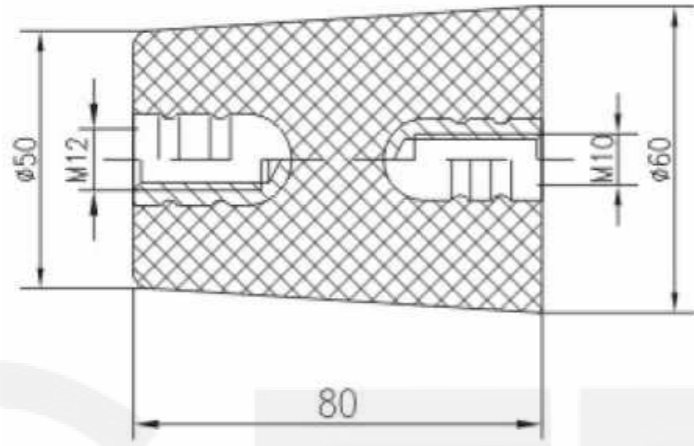


## Busbar Support Insulator-SF6

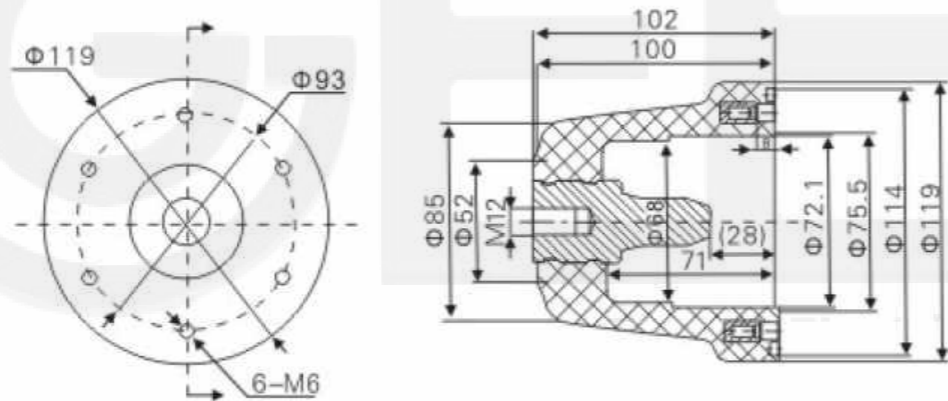
SF6- $\Phi 108.5 \times 95$



SF6- $\Phi 60 \times 80$



SF6- $\Phi 119 \times 102$



## Ceramic/Glass Insulator

