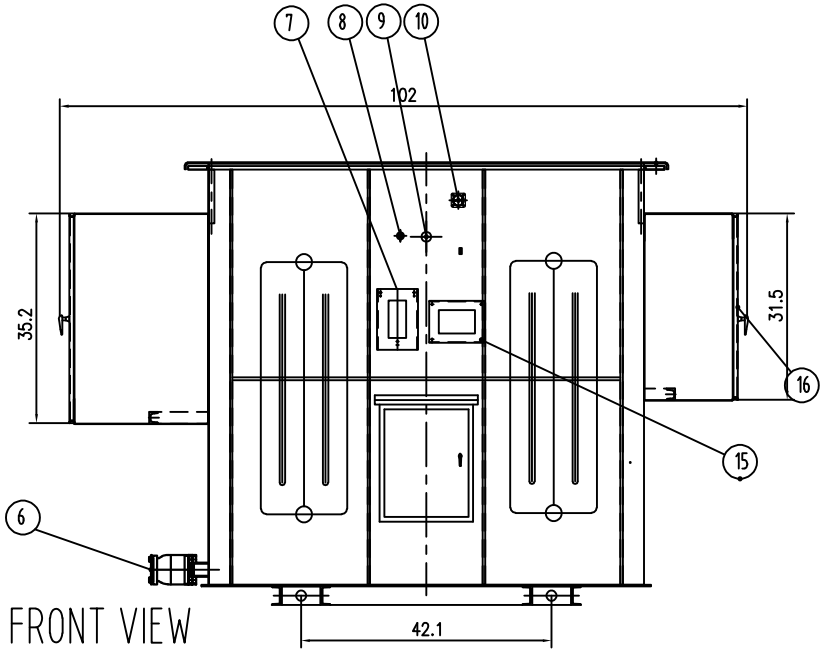
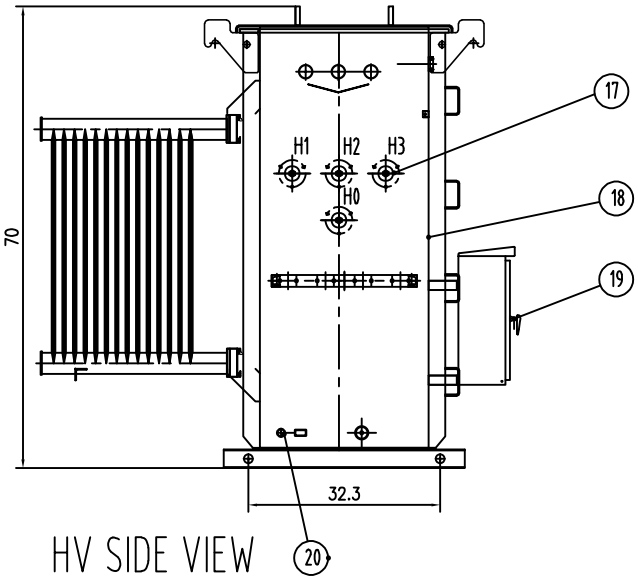
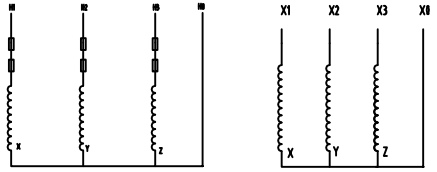


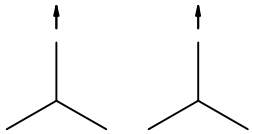
FRONT VIEW



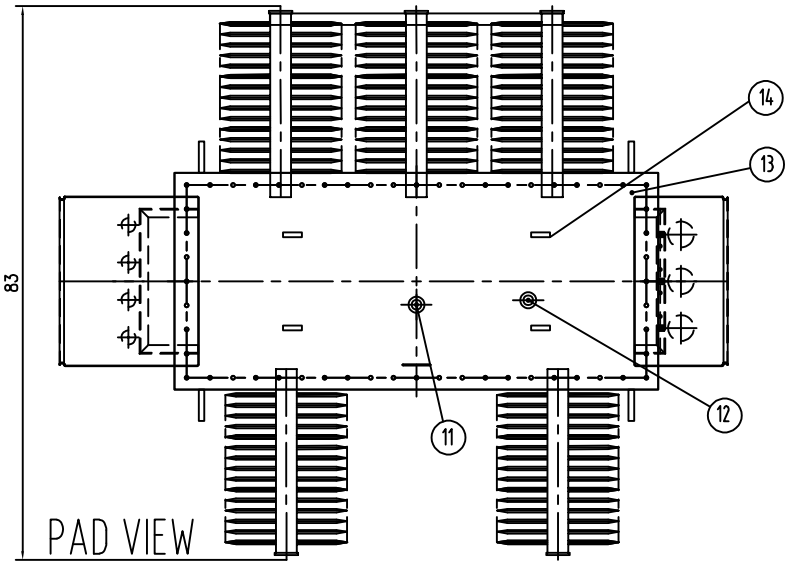
HV SIDE VIEW



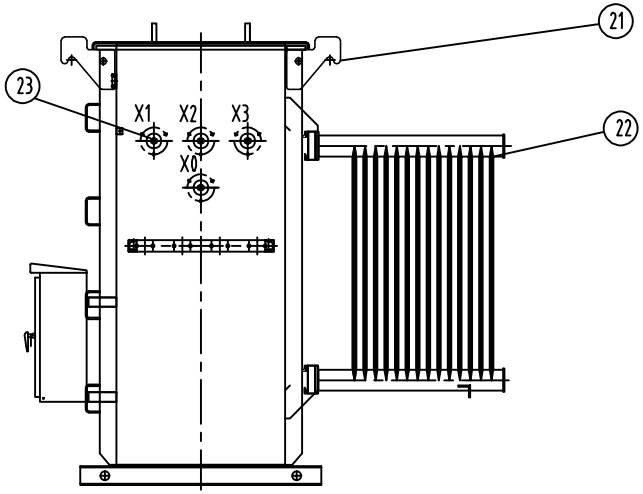
WIRING CONNECTION



PHASOR DIAGRAM



PAD VIEW



LV SIDE VIEW

Approx. Weight: 7550LBS.

NO.	Code	Name	QTY	Material	Unit Weight	Total Weight	Remark
23	T	LV bushing	4				well&insert
22		Radiator	5	304SS			removable
21		lifting lug	4	M16X35			
20		grounding bolt	2	M16X35			with washer
19		terminal box	1	304SS			IP54
18		tank	1	304SS			
17		HV bushing	4	600A bushing			35kV Class
16	Hinge, door lock	door	1				
15		Nameplate	1				
14		lifting lug	4				for tank cover
13		tank cover	1	304SS			
12		Sudden Pressure Relay	1				
11		pressure relief valve	1				
10	I	oil level guage	1				
9		tap changer	1				
8		temperature senson	1				
7	.	temperature guage	1				
6		drain valve	1				w/sampler
5		LV coil	(1)	copper			
4	.	ative part insulation	(1)				
3		HV lead wire	(1)	copper			
2	.	core assembly	(1)				
1		HV coil	(1)	copper			

marked	revise	revision	signature	date
designed		Kong	standard	
checked			examined	
audited			approved	
crafted			date	

1000/34.5 drawing

YNyn0

pattern mark	mass	scale
page		page

LARSON ELECTRONICS

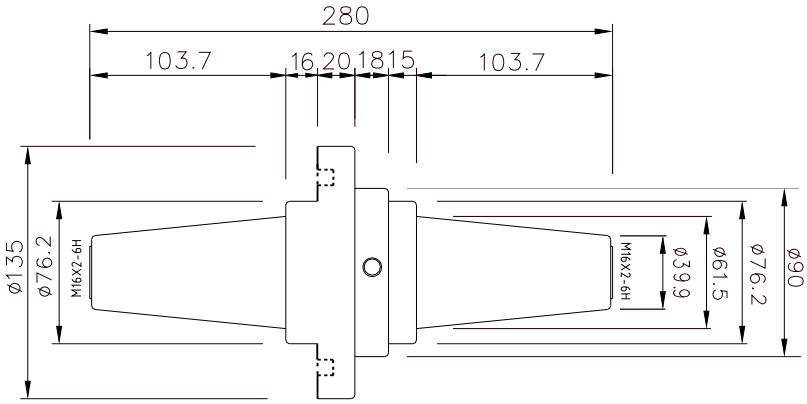
Remark: dimensions here are in inches. Only for approval/preliminary design..

35kV 600A Bushing

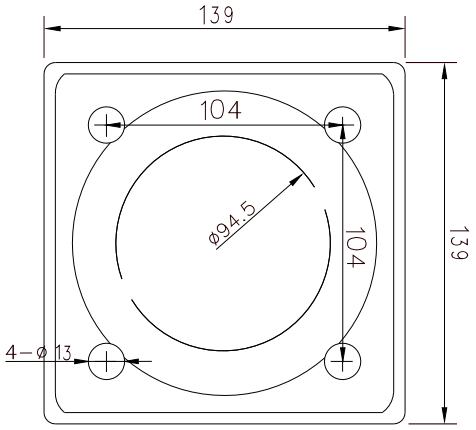
APPLICATION

35kv 600A Bushing 35kv box-type substation, wind energy is mainly used in substation, aeration tank outlet and inlet line of high pressure and shielding cable joint connection, outlet and inlet line of implementing full insulation, fully sealed, full screen. products using imported epoxy resin, APG injection molding technology, excellent electrical performance and mechanical performance. use safer, more reliable. installation conditions are not affected by the bad environment, prevent condensation, filth, free maintenance, product built-in shielding net, bring their own sensors can be connected to the charged indicator function, display busbar charged state.





35kV Bushing



SCOPE OF DELIVERY

- Bushing body
- Mounting plate
- Sealing ring
- The instructions
- Certificate

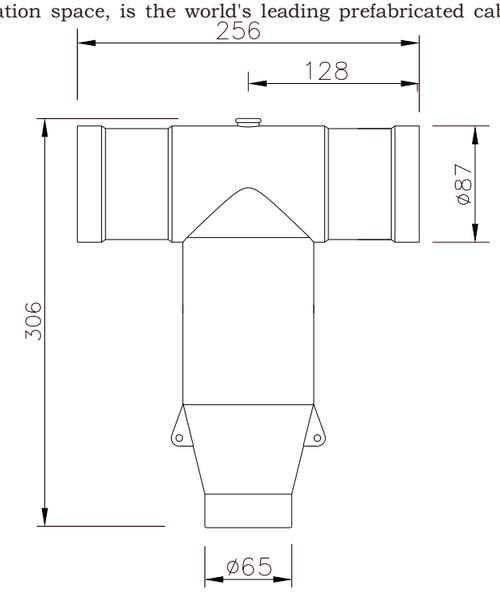
35kV 600A Front connector

APPLICATION

35kV 600A Front connector,it is suitable for power supply and discharge voltage of 35kV and below power plants, substation power distribution devices and high voltage electrical, such as: cable branch box, modular transformer, inflatable cabinet, wind power substation system. and the casing seat, butt joint casing, unilateral casing connected to achieve full insulation, sealed, full shield. products using the international advanced post-injection insulation technology, electrical performance to the international advanced level, the use of more secure, more reliable. installation conditions are not affected by harsh environments, anti-condensation, anti-pollution, maintenance-free. product stress handling the introduction of german technology, product structure size is small, fully meet the requirements of the installation space, is the world's leading prefabricated cable head. applicable cable cross section50-500^2 。



Front connector



PERFORMANCE CHARACTERISTICS

- It is suitable for the input、output line of high voltage electrical equipment, power conversion station or 35kV, such as cable branch box, combined transformer system
- Anti condensation and anti pollution, maintenance free,Partial discharge of stress cone
- Small size design to meet the requirements of the installation space

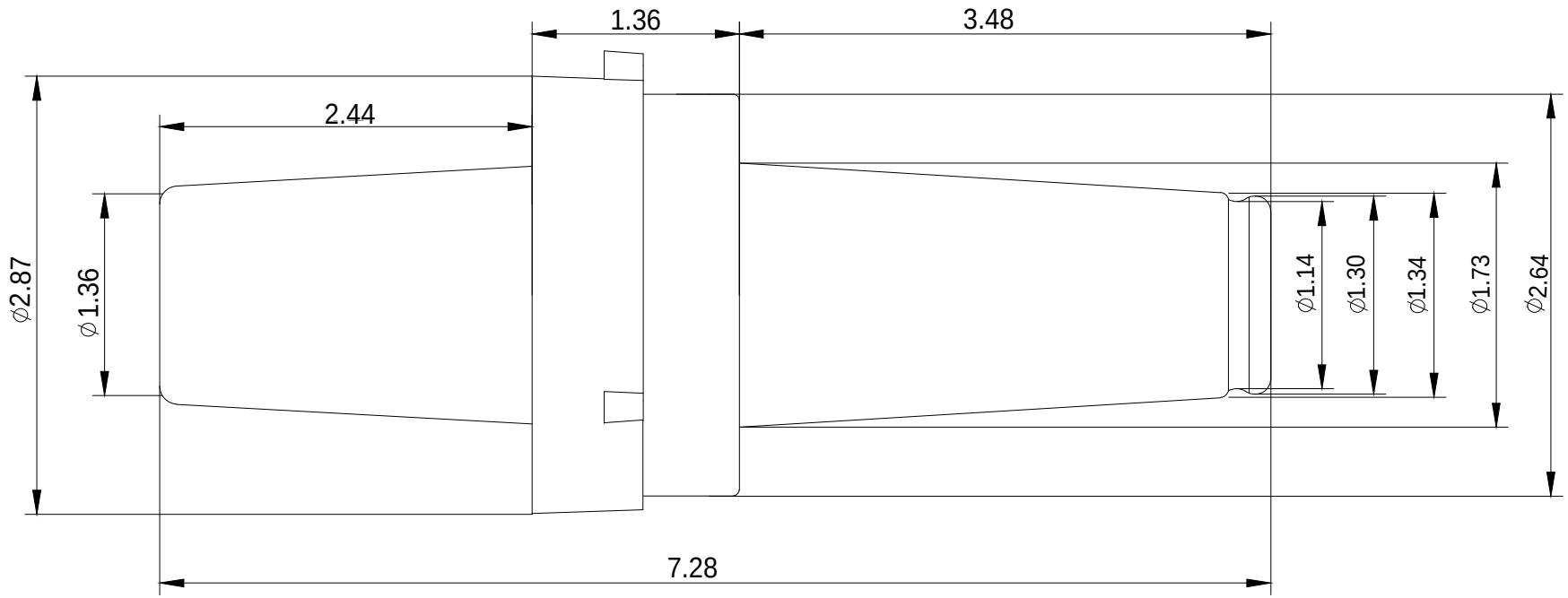
STANDARD PACKING

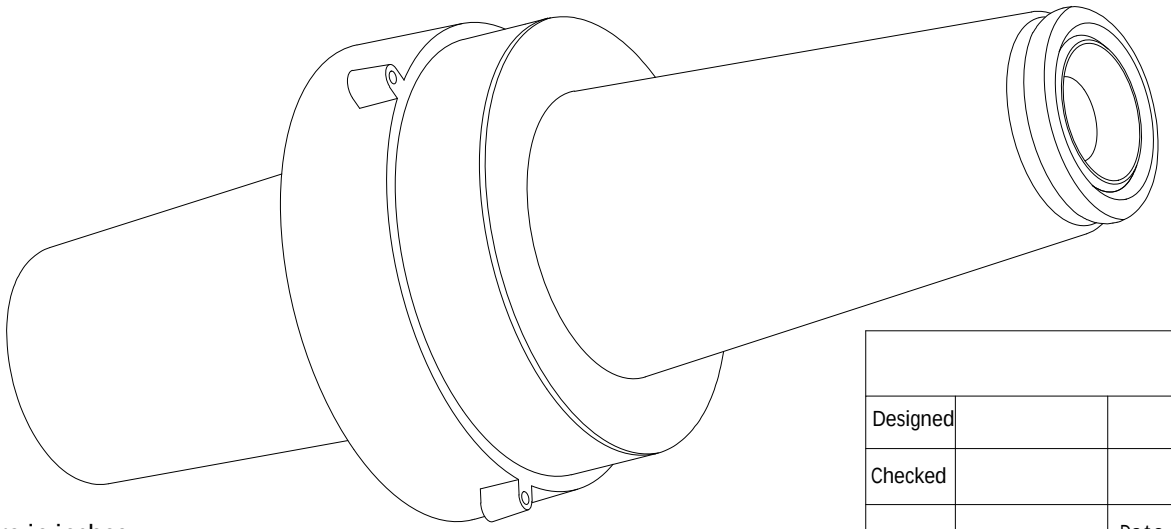
- Front connector body
- Black dust cap (non insulated protective cap)
- Cable adaptor
- Crimp terminal
- Insulation plug
- Semiconductive belt
- Double head bolt and flat pad, elastic pad, nut
- Copper grounding wire, silicon grease, cleaning paper
- Install scale card, installation tools, installation instructions
- Product information

ELECTRICAL PARAMETERS

Voltage grade	**35kV**
Rated voltage	**40.5kV**
Rated current	**600A**
1 minute A.C withstand voltage	**95kV**
15 minutes DC withstand voltage	**117kV**
Lightning impulse withstand voltage	**200kV**
Minimum corona onset voltage	**26kV**
The short-time withstand current	**27kA/3S 40kA/0.2S**
Partial discharge	**40.5kV ≤10Pc**

SECONDARY BUSHING DETAILS

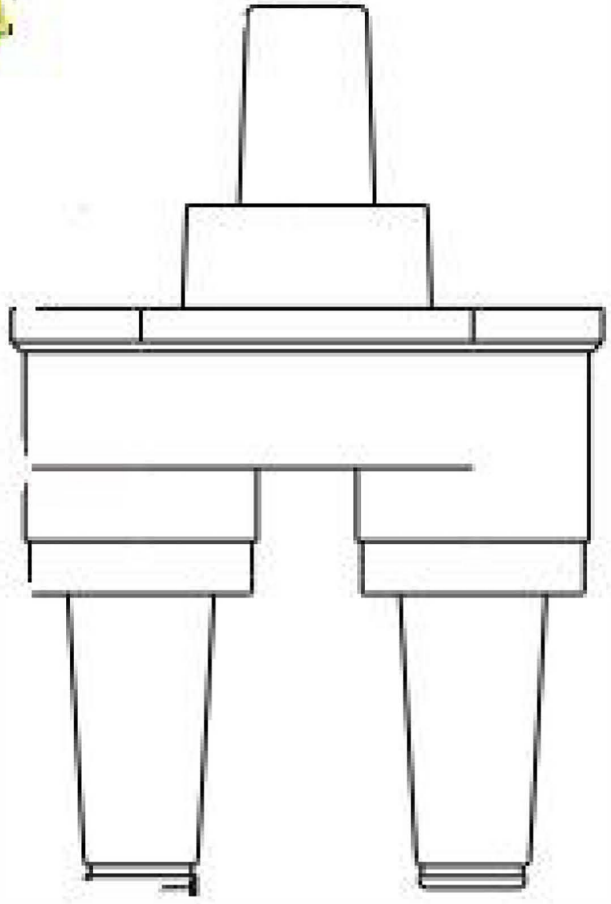




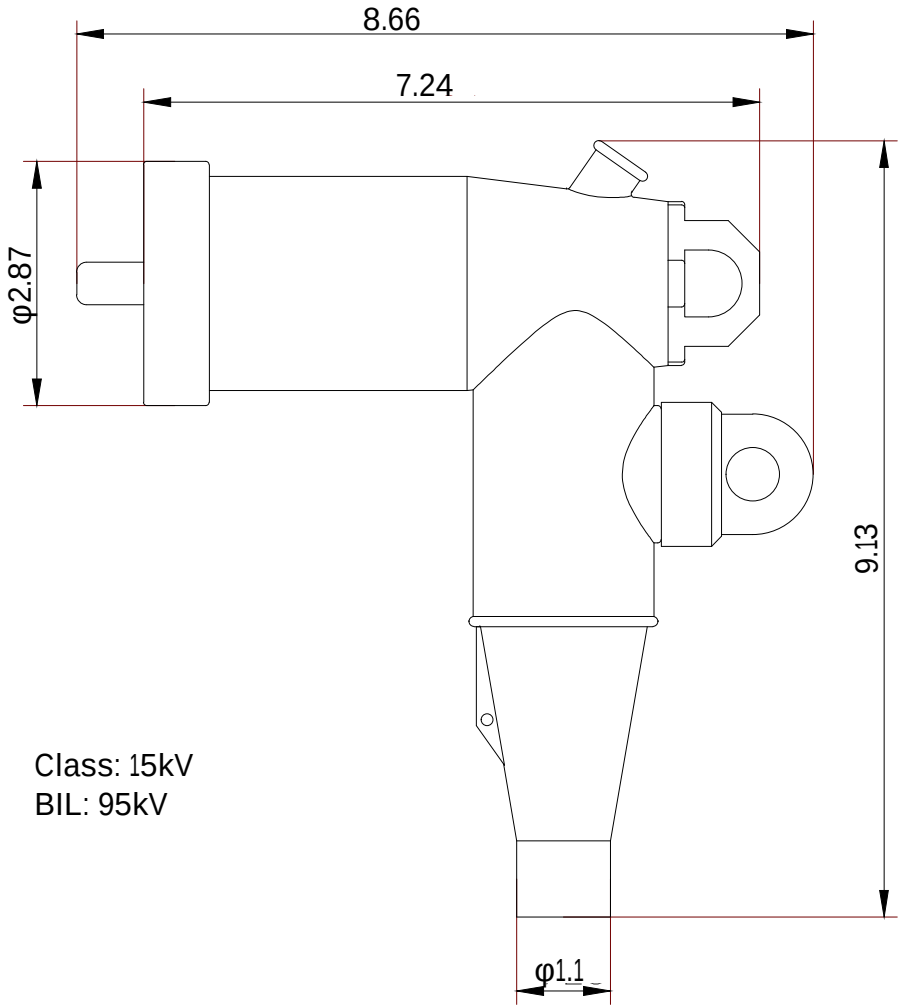
Designed			G003	Product Name	15kV Class 200A Insert
Checked					
		Date	2023.6		

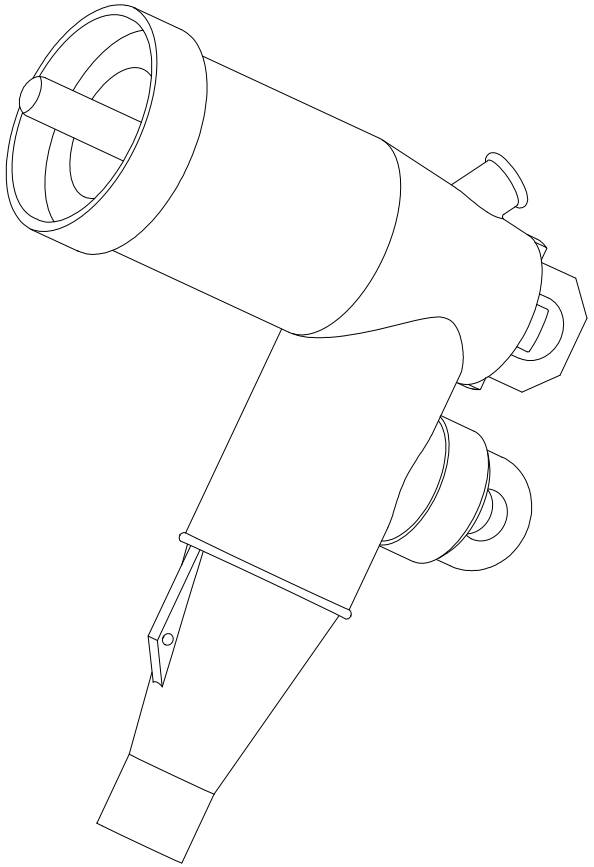
Remark: dimensions here are in inches.





200A Rotatable feedthru insert





Class: 15kV
BIL: 95kV

Remark: dimensions here are in inches.

					15kV class 200A elbow connector

Seconday voltage arrester



