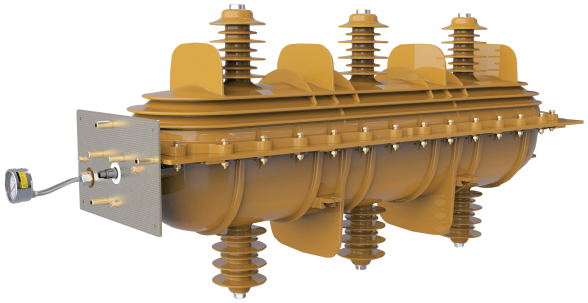
FLN-40.5 Indoor Ac High Voltage Sf6 Load Switch



Summary

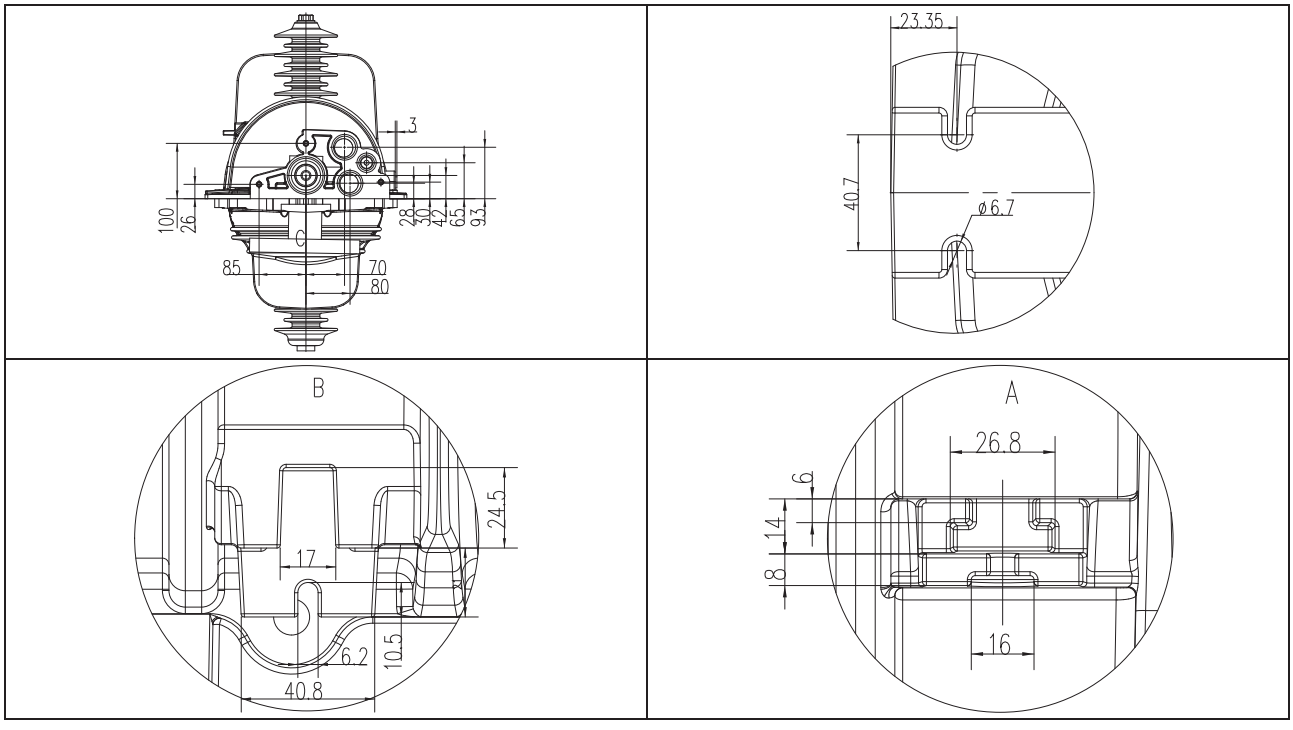
FLN -40.5kV load break switch use SF6 gas as arc extinguishing and insulating medium.There are three work stations:opening,closing and grounding in the switch.It has small volume,installing easy-to-use,strong environmental adaptability and other characteristic

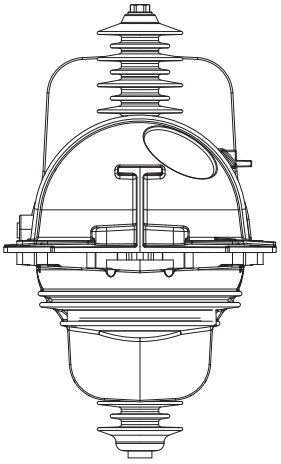
Normal ambient condition

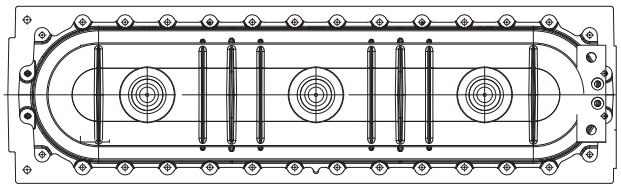
1, Altitude: ≤2000M
2, Ambient temperature: -40℃ ~+40℃
3, Relative humidity: daily average ≦ 95%, monthly average ≦ 90%;
4, Earthquake intensity: ≦ 8 degree

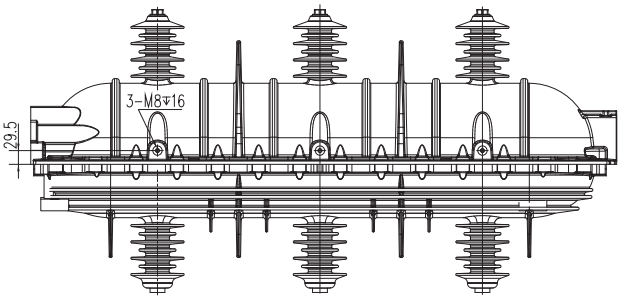
Main technical parameters

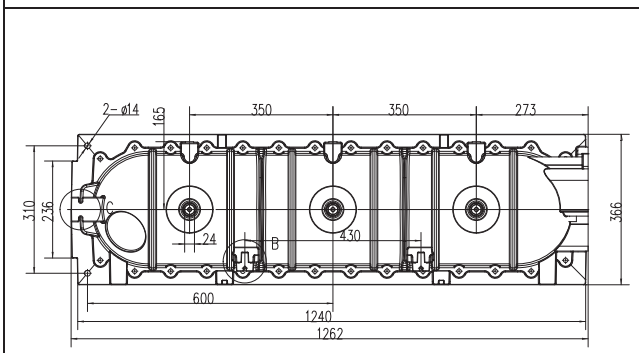
No	Item		Unit	Parameter
1	Rated voltage		kV	40.5
2	Rated frequency		Hz	50
3	Rated current		A	630
4	1min Power frequency withstand voltage	wet	kV	95
		dry		95
5	Lightning impulse withstand voltage		kV	185
6	Rated short circuit breaking current (peak)		kA	**20**
7	Rated activeload and close circuit breaking current		A	630
8	Rated transferring current		A	630
9	Rated short circuit making current (peak)		kA	63
10	Rated cable(line) charging breaking current		A	10
11	Cable charge breaking current in earthing fault		A	30
12	Rated withstand current (peak)		kA	63
13	Short time withstand current (2s)		kA	25
14	Mechanism life		time	5000








3-M8▽16
29.5


2-ø14
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350
350
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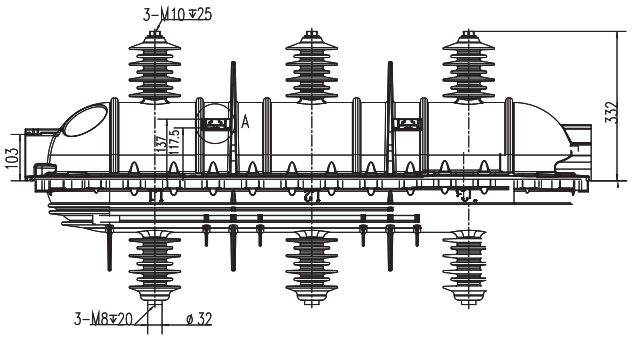
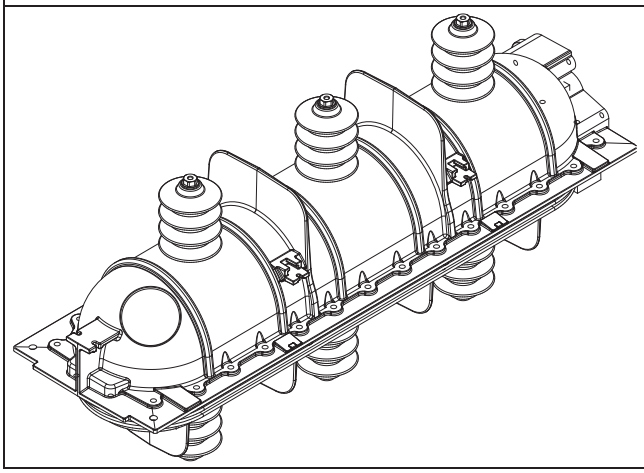
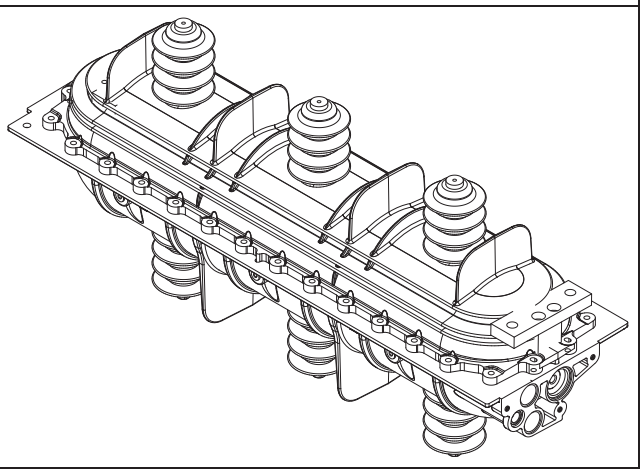
310
236
366
24
430
600
1240
1262


3-M10▽25
A
137
117.5
103
332
3-M8▽20
ø32