



Table.1 Technical Parameters	
Rated voltage:	15kV
Rated current:	4000A
Rated frequency:	50/60Hz
One minute power frequency withstand voltage(dry):	50kV
Partial discharge level at Um:	≤5pC
Tanδ of bushings:	≤0.4%
Lightning impulse withstand voltage:	110kV
Test tap voltage withstand level:	2kVrms
Main Capacitance (HV conductor to test tap):	about 400pF
Material of conductor	Copper
Creepage distance outside:	≥484mm
Creepage distance inside:	≥225mm
Arc distance outside:	196mm
Arc distance inside:	196mm
Installation angle:	0-90°
Ambient temperature	-55°C.....+55°C
Cantilever test load:	1000N
Type of conductor:	Bottom connection
Internal insulation:	RIP
External insulation:	Silicone rubber
Comply with standard:	IEC 60137

Notes:

- 1- The size of the inner O-ring groove: Ø 192mm-Ø 175mm, depth 5mm.
- 2- The size of the outer O-ring groove: Ø 277mm-Ø 260mm, depth 5mm.
- 3- The size of inner O-ring : Ø 182mm-Ø 175mm, thickness Ø7mm.
- 4- The size of outer O-ring : Ø 260mm-Ø 267mm, thickness Ø7mm.

Bushing Type	Main Dimensions(mm)							Weight kgs
	L	L1	L2	L3	D1	D2	mxd	
FBRG-15/4000	762	175	407	356	293	235	6xØ16	45