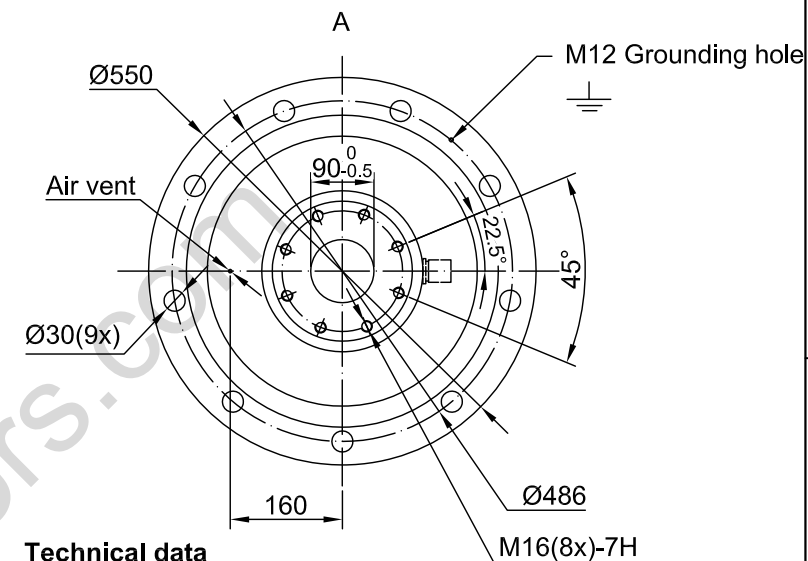
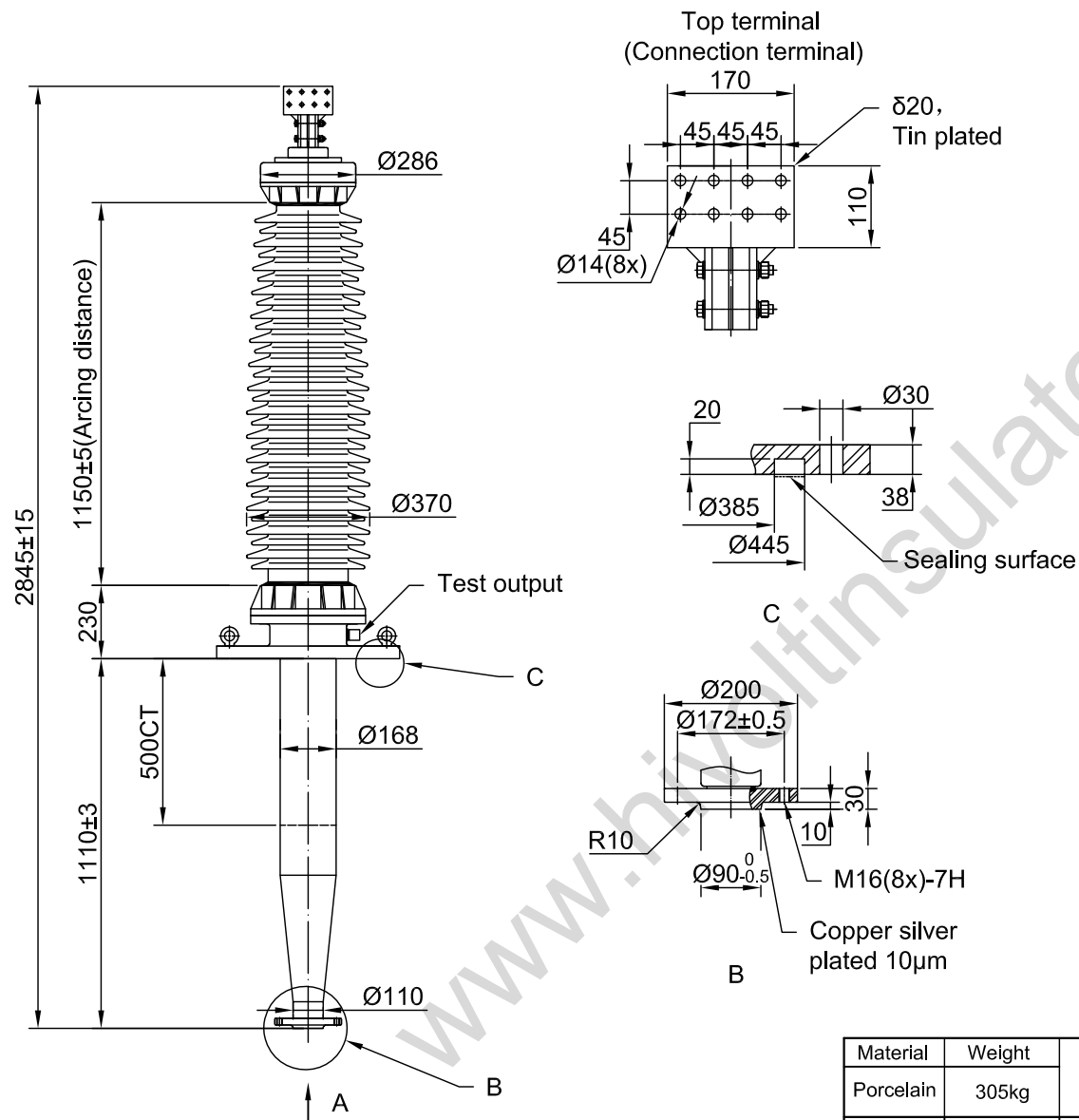
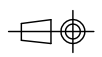


HP204171

**Technical data**

Rated system voltage: 110kV
 Highest voltage for equipment U_m : 123kV
 Rated current: 2000A
 Power frequency withstand voltage: 230kV
 Partial discharge at U_r : $\leq 10\text{pC}$
 Partial discharge at $1.05U_r/\sqrt{3}$: $\leq 5\text{pC}$
 Dielectric loss: $\leq 0.5\%$
 Lightning impulse withstand voltage: 550kV
 Rated thermal short-time current, 1 sec (I_{th}): 25kA
 Rated dynamic current (I_d): 62kA
 Arcing distance: 1150mm
 Creepage distance, not less than: 3906 mm
 Installation angel: $0-60^\circ$
 Ambient temperature: $-40^\circ\text{C} \sim +40^\circ\text{C}$
 Altitude: 1000m
 Internal insulation: RIP
 Comply with standard: IEC60137
 Cantilever test load: 1250N
 External insulation / Colour: Porcelain / Brown

Material	Weight		Title	Drawing No.		
Porcelain	305kg			HP204171		
	Date	Name	HCR-123/2000 Breaker Bushing	UNIT	SCALE	COLOUR
Drawn	2025-04-17	Wang,G		mm	NTS	Brown
Checked				DALIAN HIVOLT POWER SYSTEM CO.,LTD.		
Approved						