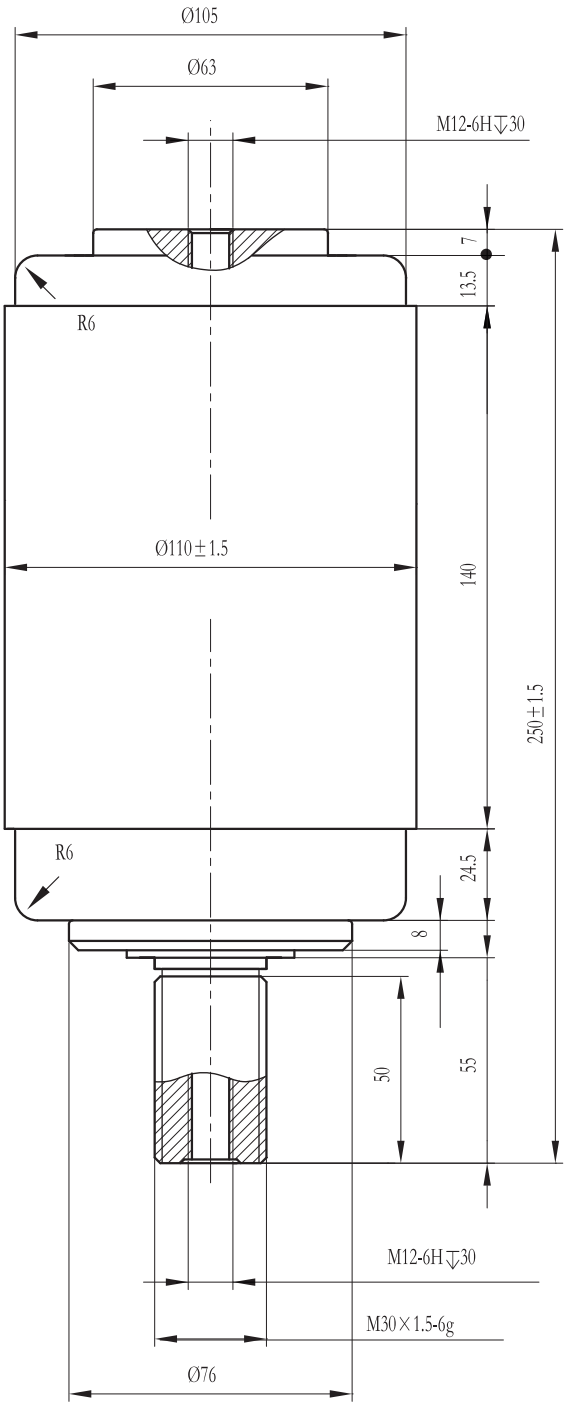
TD-12/2500-40 (1068-GF)
TD-12/2000-40 (1061B-GF)



主要技术参数 MAIN TECHNICAL SPECIFICATION		
电压参数 VOLTAGE RATINGS AT RATED CONTACT STROKE		
额定频率 Rated Frequency	Hz	50/60
额定电压 Rated Voltage	kV	12
额定短时(1min)工频耐受电压 Rated Short-time(1min) Power-frequency Withstand Voltage	kV	48※
额定雷电冲击耐受电压(峰值) Rated Lightning Impulse Withstand Voltage(Peak)	kV	85※
电流参数 CURRENT RATINGS		
额定电流 Rated Current	A	2500/2000
额定短路开断电流 Rated Short-circuit Breaking Current	kA	40
额定短时耐受电流 Rated Short-time Withstand Current	kA	40
额定短路持续时间 Rated Duration of Short-circuit	s	4
额定峰值耐受电流 Rated Peak Withstand Current	kA	100
额定短路关合电流 Rated Short-circuit Making Current	kA	100
额定短路开断电流开断次数 Breaking Operations of Rated Short-circuit Breaking Current	次 Times	30
额定电缆充电开断电流 Rated Cable-charging Breaking Current	A	50
额定单个电容器组开断电流 Rated Breaking Current of Single Capacitor Bank	A	400/630
额定背对背电容器组开断电流 Rated Breaking Current of Back-to-back Capacitor Bank	A	400
额定触头压力下限时的回路电阻 Circuit Resistance at Lowest Rated Contact Force	μΩ	≤15
额定操作顺序 Rated Operating Sequency		0-0.3s-CO-180s-CO
机械参数 MECHANICAL DATA		
触头自闭力 Closing Force due to Bellow and Atmosphere	N	120±50
额定开距下的触头反力 Force Required to Hold Contacts Open at Full Stroke	N	210±50
运动部分的质量 Weight of Moving Parts	kg	1.5
配套的真空开关设备应满足的机械参数 MECHANICAL REQUIRMENTS		
触头开距 Clearance Between Open Contacts	mm	9±1
平均分闸速度 Average Opening Speed	m/s	1.0±0.3
平均合闸速度 Average Closing Speed	m/s	0.55±0.15
额定触头压力 Rated Added External Contact Final Force	N	4000±200
触头合闸弹跳时间 Contack Bouncing at Closing Operation	ms	≤2
触头合闸和分闸不同期 Closing and Opening Non-simultaneity of Three-phase Contacts	ms	≤1
分闸触头反弹幅值 Maximum Rebound During Opening	mm	≤2
寿命 LIFE		
机械寿命 Mechanical Endurance	次 Times	10000
触头允许磨损厚度 Contacts Limit Erosion	mm	3
允许储存期 Shelf Life	年 years	20
内部气体压力 Internal Gas Pressure	Pa	$<1.33\times10^{-3}$
备 注： Notes：		