



序号 No.	主要技术参数 Main Technical Specification	型号 Type	
		ZKTD500/1.14-9	
电气参数 ELECTRIC RATINGS			
1	额定电压 Rated Voltage	kV	1.14
2	额定电流 Rated Current	A	500
3	额定频率 Rated Frequency	Hz	50/60
4	额定短时（1 分钟）工频耐受电压 Rated Short-time(1min) Power-Frequency Withstand Voltage	kV	10
5	触头自闭力下的回路电阻 Circuit Resistance At Contact Force From Atmosphere	$\mu\Omega$	≤ 60
6	雷电冲击耐受电压 Lightning Impulse Withstand Voltage	kV	/
7	额定短路开断电流 Rated Short-circuit Breaking Current	kA	9
8	额定短时耐受电流 4 秒 Rated Short-time Withstand Current, 4s	kA	9
9	额定峰值耐受电流 Rated Peak Withstand Current	kA	/
10	额定短路关合电流 Rated Short-circuit Making Current	kA	/
寿命 LIFE			
1	机械寿命 Mechanical Life	次 Times	10,000
2	额定短路开断电流开断次数 Breaking Operations of Rated Short-circuit Breaking Current	次 Times	30
3	储存时间 Storage Life	年 years	≥ 20
4	触头允许磨损厚度 Contacts Erosion Limit	mm	1.5
机械数据 MECHANICAL DATA			
1	触头自闭力 Contact Force From Atmosphere	N	75 \pm 20
2	触头反力 Counterforce of Contacts at Full Stroke	N	105 \pm 20
配套的真空开关设备应满足的机械参数 MECHANICAL DATA OF VACUUM SWITCH EQUIPPED WITH THE INTERRUPTERS			
1	触头开距 Contact Stroke	mm	3 \pm 0.5
2	超行程 Overtrave	mm	1.5 \pm 0.2
3	平均分闸速度 Average Opening Speed	m/s	0.8 \pm 0.2
4	平均合闸速度 Average closing speed	m/s	0.5 \pm 0.2
5	触头合闸弹跳时间 Contact Bouncing Duration at Closing Operation	ms	≤ 1.5
6	额定触头压力 Rated Added External Contactfinal Force	N	200 \pm 20





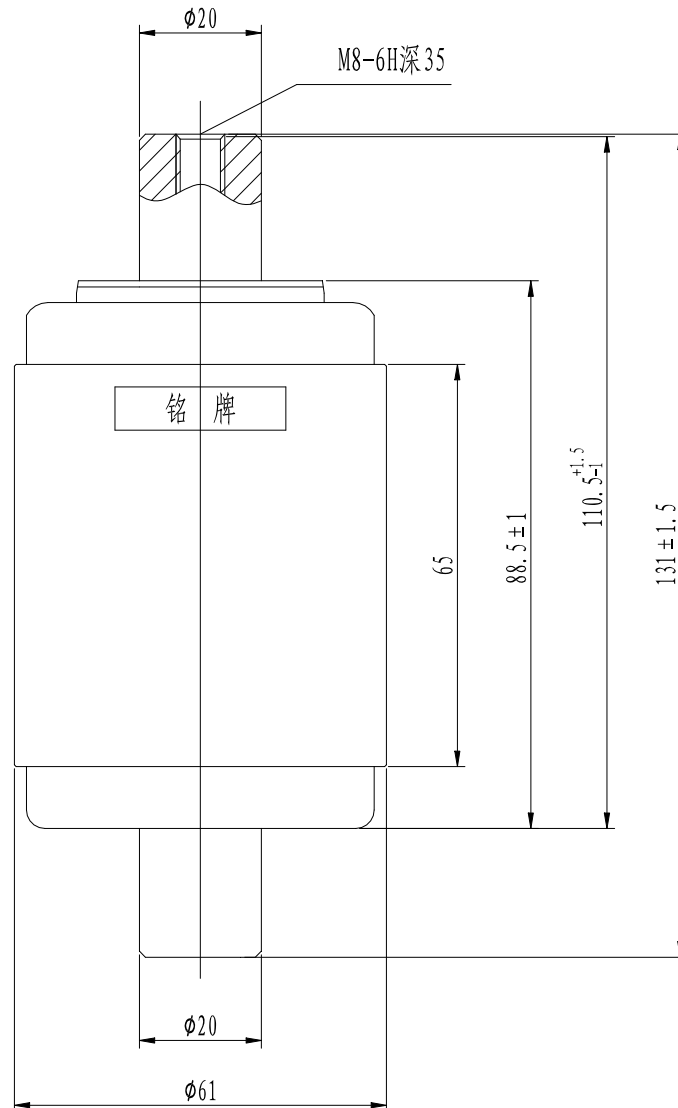
江西万平真空电器有限公司

Jiangxi Wanping Vacuum Electric Co., Ltd

ZKTD500/1. 14-9 (RN3. 393. 180)

型断路器用真空灭弧室

Vacuum Interrupter For Circuit breaker



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