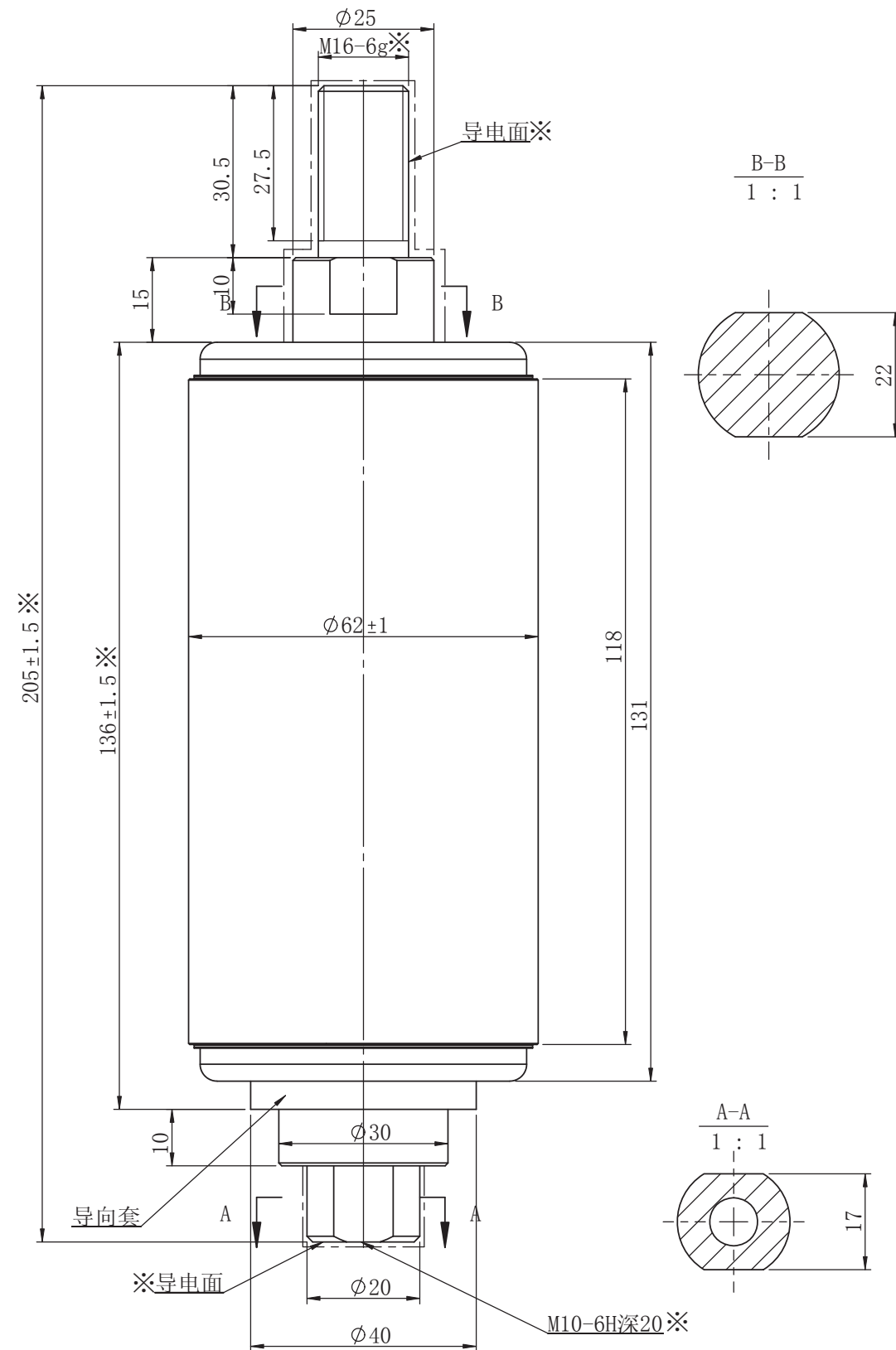


61124 (12KV/400A-4KA) 型真空开关管外形图

61124 (12KV/400A-4KA) Vacuum Interrupter Drawing



61124 (12KV/400A-4KA) 型真空开关管技术参数

61124 (12KV/400A-4KA) Vacuum Interrupter Technical Specifications

主要技术参数 (接触器用) MAIN TECHNICAL DATA (FOR CONTACTOR)

额定电压 Rated voltage	12KV
额定电流 Rated current	400A
额定频率 Rated frequency	50/60HZ
额定开断电流 Rated breaking current	400A
极限开断电流 Limit breaking current	4KA
额定关合电流 Rated making current	4KA
额定短时耐受电流(4秒) Rated short-time withstand current(4s)	4KA
短时(1min)工频耐受电压 Short-time(1min) power-frequency withstand voltage	*42KV
雷电冲击耐受电压(峰值) Lightning impulse withstand voltage(peak)	*75KV
额定操作频率 Rated operation frequency	120次/h
短时操作频率 Short-time operation frequency	1200次/h
使用类别 Utilization category	AC-4
额定触头压力下限时的回路电阻 Circuit resistance at minimum added force	≤60 μΩ
电寿命 Electrical endurance	250000次
机械寿命 Mechanical life	300000次
触头自闭力 Closing force due to bellows and atmosphere	80 ± 30N
额定开距下的触头反力 Force required to hold contacts open at full stroke	120 ± 30N
触头允许磨损厚度 Contact erosion limit	3mm
贮存期 Shelf life	20年
质量/动触头质量 Total mass of interrupter/Moving mass of interrupter	1.2Kg/0.3Kg

配套真空开关的机械参数(建议值)MECHANICAL DATA OF SWITCH RECOMMENDATIONS WITH THE INTERRUPTERS

触头开距 Rated contact stroke	5.5 ± 0.5mm
触头接触行程 Contact connection stroke	1.5 ± 0.5mm
平均分闸速度 Average opening speed	0.8 ± 0.2m/s
平均合闸速度 Average closing speed	0.5 ± 0.2m/s
额定触头压力 Added force on closed contacts	180 ± 30N
触头合闸弹跳时间 Max.bouncing duration	≤3ms
触头分合闸不同期 Out of simultaneity of contact closing and opening	≤1ms
分闸触头反弹幅值 Max. rebound distance	≤1mm
分闸触头过冲幅值 Max. overtravel	≤2mm

备注 (Note) :
*须有外绝缘保护 (With insulation cover) ;