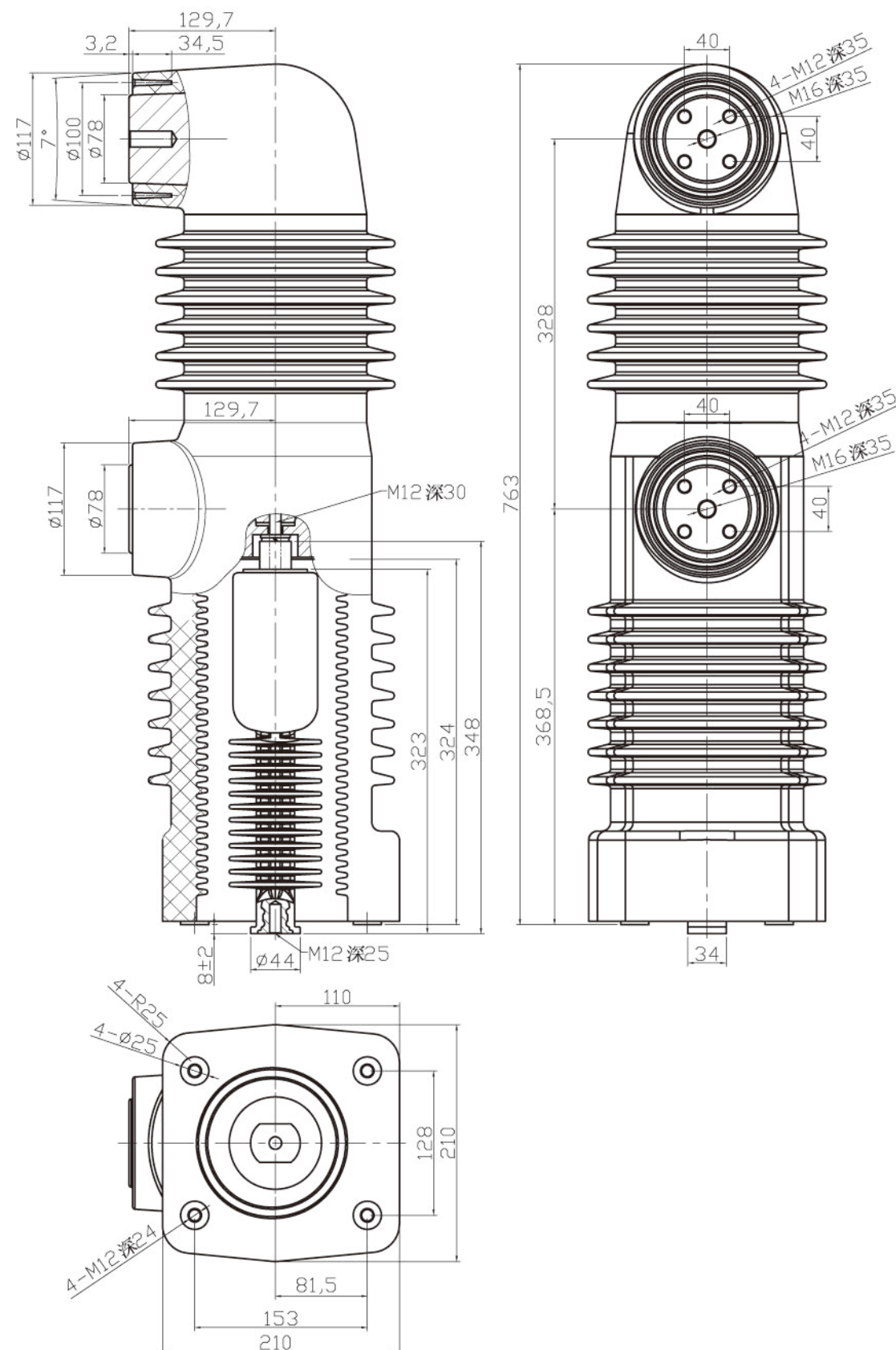




| 主要技术参数 ( 断路器用 ) MAIN TECHNICA DATA ( FOR CIRCUIT BREAKER )               |                   |
|--------------------------------------------------------------------------|-------------------|
| 额定电压 Rated voltage                                                       | 40.5KV            |
| 额定电流 Rated current                                                       | 2500A             |
| 额定频率 Rated frequency                                                     | 50/60HZ           |
| 额定短路开断电流 Rated short-circuit breaking current                            | 31.5KA            |
| 额定短路开断电流开断次数 Operations of short-circuit breaking current interruption   | 30次               |
| 最大直流分量 Max.DC-component                                                  | 40%               |
| 额定短路关合电流 Rated short-circuit making current                              | 80KA              |
| 额定峰值耐受电流 Rated peak withstand current                                    | 80KA              |
| 额定短时耐受电流(4秒) Rated short-time withstand current(4s)                      | 31.5KA            |
| 额定单个电容器组开断电流 Rated breaking current of single capacitor bank             | #630A             |
| 额定背对背电容器开断电流 Rated breaking current of back to back capacitor bank       | #400A             |
| 局部放电值 ( 1.1Ur ) Partial discharge value(with a voltage of 1.1Ur applied) | ≤5pc              |
| 短时(1min)工频耐受电压 Short-time(1min) power-frequency withstand voltage        | 95KV              |
| 雷电冲击耐受电压(峰值) Lightning impulse withstand voltage(peak)                   | 185KV             |
| 额定触头压力下限时的回路电阻 Circuit resistance at minimum added force                 | ≤25 μΩ            |
| 机械寿命 Mechanical life                                                     | 20000次            |
| 触头自闭力 Closing force due to bellows and atmosphere                        | 260 ± 60N         |
| 额定开距下的触头反力 Force required to hold contacts open at full stroke           | 470 ± 80N         |
| 触头允许磨损厚度 Contact erosion limit                                           | 3mm               |
| 贮存期 Shelf life                                                           | 20年               |
| 质量 Total mass of embedded pole                                           | 49.1Kg            |
| 额定操作顺序 Rated operating sequence                                          | O-0.3s-CO-180s-CO |
| 动端导电杆的组装力矩 Moving contact stem assembly torque                           | 50N · m           |

| 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                                                       | 19 ± 1mm                                |
| 触头接触行程 Contact connection stroke                                                | 6 ± 2mm                                 |
| 平均分闸速度 (0-8mm行程) Average opening speed (0-8mm stroke)                           | 1.4-2.0m/s                              |
| 平均合闸速度 (8mm-触头闭合) Average closing speed (8mm-contact making)                    | 0.8-1.2m/s                              |
| 触头初压力 Added external contact force at contact touch point                       | ≥2100N                                  |
| 额定触头压力 Added force on closed contacts                                           | 3100 <sup>+1400</sup> <sub>-200</sub> N |
| 触头合闸弹跳时间 Max.bouncing duration                                                  | ≤5ms                                    |
| 触头分合闸不同期 Out of simultaneity of contact closing and opening                     | ≤2ms                                    |
| 分闸触头反弹幅值 Max. rebound distance                                                  | ≤2mm                                    |
| 分闸触头过冲幅值 Max. overtravel                                                        | ≤2mm                                    |

备注 ( Note ) :  
#订货时需与BOV公司协商(Must consult with BOV);