|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 特殊点计算 | | | | | | | | |
| 电爆炸起始点 | 时间t1 | 电压U1(V) | 电流I1(A) | | 膛底压力P1膛底(Mpa) | | 坡膛压力P1坡膛(Mpa) | |
|  |  |  | |  | |  | |
| 最大压力点 | 时间tPm | 电压UPm(V) | 电流IPm(A) | | 膛底压力Pm(Mpa) | |  | |
|  |  |  | |  | |  | |
| 等离子体作用结束点 | 时间t2 | 电压U2(V) | 电流I2(A) | | 膛底压力P2膛底(Mpa) | | 坡膛压力P2坡膛(Mpa) | |
|  |  |  | |  | |  | |
| 炮口点 | 时间t | 初速v0(m/s) | 炮口压力P炮口(Mpa) | |  | |  | |
|  |  |  | |  | |  | |
| 电效率计算 | | | | | | | | |
| 弹丸质量(kg) |  | 积分上限 | |  | | 积分下限 | |  |
| 总加载电能E0(J) |  | 等离子体发生器加载电能E1(J) | |  | | 有效加载电能E2(J) | |  |
| 对发生器电效率η1 |  | 用于电爆炸的效率η2 | |  | | 发生器效率η3 | |  |
| 理论初速增益∆v |  |  | |  | |  | |  |