|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **黏滞性液体泄放面积计算** | | 计算单位 |  | |
| 计算所依据的标准 | | | **GB/T 150.1-2011 附录 B.8.3.3** | |
| **数 据 输 入** | | | **简 图** | |
| 容器的泄放量, Ws | kg/h | **$$001** |  | |
| 泄放时  泄放装置内外侧压差, ΔP | MPa | **$$002** |
| 泄放装置的泄放系数, K | / | **$$003** |
| 泄放状态下介质密度, ρ | kg/m3 | **$$004** |
| 泄放状态下  介质动力粘度, μ | Pa·s | **$$005** |
| 向上圆整到  产品规格的实际泄放面积, A | mm2 | **$$007** |
| **计 算 过 程 及 结 果** | | | | |
| 假设泄放面积, As | mm2 |  | | **$$006** |
| 根据实际泄放  面积A试算泄放量, W | kg/h |  | | **$$008** |
| 雷诺数, Re | / |  | | **$$009** |
| 流体动力粘度校正系数, ζ | / | p25 查图 B.2 | | **$$010** |
| 实际泄放量, Wact | kg/h |  | | **$$011** |
| 校核结论 |  | Wact ≥ Ws | | **$$012** |