|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **型钢支承的矩形容器底板计算** | | 计算单位 |  | | |
| 计算所依据的标准 | | | **NB/T 47003.1-2009** | | |
| **计 算 条 件** | | | **底 板 简 图** | | |
| 设计温度, t | ℃ | **$$001** | $08  $05 | | |
| 底板材料标准号 | **$$002** | |
| 底板材料牌号/名称 | **$$003** | |
| 底板腐蚀裕量, C2 | mm | **$$004** |
| 底板名义厚度, δn | mm | **$$005** |
| 介质密度, ρ | kg/m³ | **$$006** |
| 介质深度, H | mm | **$$007** |
| 支承梁间距, Lb | mm | **$$008** |
| **材 料 特 性** | | | | | |
| 材料密度, ρ0 | kg/m³ | **$$009** | 设计温度许用应力, [σ]t | MPa | **$$011** |
| 材料负偏差, C1 | mm | **$$010** | / | | |
| **过 程 参 数** | | | | | |
| 重力加速度, g | m/s2 | g = 9.81 | | | **9.81** |
| 厚度附加量, C | mm | C = C1 + C2 | | | **$$013** |
| 有效厚度, δe | mm | δe = δn - C | | | **$$014** |
| **厚 度 校 核** | | | | | |
| 计算厚度, δc | mm |  | | | **$$015** |
| 设计厚度, δd | mm | δd = δc + C2 | | | **$$016** |
| 厚度校核 | / | δn ≥ δd + C1 | | | **$$017** |
| **支 承 梁 间 距 校 核** | | | | | |
| 支承梁最大间距, Lb,max | mm |  | | | **$$018** |
| 间距校核 | / | Lb <= Lb,max | | | **$$019** |