|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **圆柱体螺旋盘管计算** | | 计算单位 |  | |
| **计 算 条 件** | | | **简 图** | |
| 盘管外直径, Do | mm | **$$001** | $03  $01  $04 | |
| 盘管壁厚, δ | mm | **$$002** |
| 盘管中心圆直径, Dm | mm | **$$003** |
| 盘管中心距, h | mm | **$$004** |
| 盘管圈数, n | / | **$$005** |
| 盘管材料密度, ρ | kg/m³ | **$$006** |
| **计 算 过 程 及 结 果** | | | | |
| 螺旋上升角, θ | ° |  | | **$$007** |
| 投影圆周长, L | mm |  | | **$$008** |
| 盘管单圈展开长度, Lf | mm/圈 |  | | **$$009** |
| 盘管单圈外表面积, A | m²/圈 |  | | **$$010** |
| 展开后螺板宽度, VB | mm |  | | **$$017** |
| 盘管总高, H | mm |  | | **$$011** |
| 盘管总展开长度, LT | mm |  | | **$$012** |
| 盘管总外表面积, AT | m² |  | | **$$013** |
| 盘管内容积, VT | m³ |  | | **$$014** |
| 对筒体的传热面积, AH | m² |  | | **$$015** |
| 盘管重量, W | kg |  | | **$$016** |