结构防火设计计算书

1,设计依据

《建筑钢结构防火技术规范》 GB51249-2017

《钢结构设计标准》 GB50017-2017

2、设计参数

结构重要性系数 :1.00

火灾前室内温度Tg0 :20.00℃

火灾前构件温度Ts0 :20.00℃

钢材类型 :结构钢

火灾升温曲线类型 :以纤维类物质为主

时间计算步长 :5.00s

3、火灾下的温度工况内力表

单位：kN、kN.m

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **单元号** | **工况号** | **位置** | **N** | **Q2** | **Q3** | **T** | **M2** | **M3** |
| 159 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 159 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 158 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 158 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 157 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 157 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 156 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 156 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 155 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 154 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 154 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 153 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 153 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 152 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 152 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 151 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 151 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 150 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 149 | -2 | i | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 149 | -2 | j | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 148 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 148 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 147 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 147 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 146 | -2 | i | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 146 | -2 | j | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 145 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 145 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 144 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 144 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 143 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 143 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 142 | -2 | i | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 142 | -2 | j | 0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 141 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 141 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140 | -2 | i | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 140 | -2 | j | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 139 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 139 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 138 | -2 | i | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 138 | -2 | j | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 137 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 137 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 136 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 136 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 135 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 135 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 134 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 134 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 133 | -2 | i | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 133 | -2 | j | 0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 132 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 132 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 131 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 131 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130 | -2 | i | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 130 | -2 | j | -0.00 | 0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 129 | -2 | i | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 129 | -2 | j | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 128 | -2 | i | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 128 | -2 | j | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 127 | -2 | i | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 127 | -2 | j | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 126 | -2 | i | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 126 | -2 | j | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 125 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 125 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 124 | -2 | i | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 124 | -2 | j | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 123 | -2 | i | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 123 | -2 | j | 0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 122 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 122 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 121 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 121 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 120 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 120 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 119 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 119 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 118 | -2 | i | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 118 | -2 | j | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 117 | -2 | i | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 117 | -2 | j | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 116 | -2 | i | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 116 | -2 | j | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 115 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 115 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 114 | -2 | i | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 114 | -2 | j | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 113 | -2 | i | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 113 | -2 | j | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 112 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 112 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 111 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 111 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | -2 | i | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 110 | -2 | j | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 109 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 109 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 108 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 |
| 108 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 107 | -2 | i | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 107 | -2 | j | 0.00 | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 106 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 106 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 105 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 105 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 104 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 104 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 103 | -2 | i | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 103 | -2 | j | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 102 | -2 | i | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 102 | -2 | j | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 101 | -2 | i | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 101 | -2 | j | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 100 | -2 | i | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 100 | -2 | j | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
| 99 | -2 | i | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 99 | -2 | j | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 98 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 98 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 97 | -2 | i | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 97 | -2 | j | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 96 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 96 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 95 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 95 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 94 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 94 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 93 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 93 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 92 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 92 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 91 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 91 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 90 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 89 | -2 | i | -0.00 | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 89 | -2 | j | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 88 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 88 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 87 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 87 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 86 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 86 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 85 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 85 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 84 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 84 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 83 | -2 | i | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 83 | -2 | j | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 78 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 78 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 75 | -2 | i | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 75 | -2 | j | 0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 73 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 73 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 72 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 72 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 71 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 71 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 70 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 70 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 69 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 69 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 68 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 68 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 67 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | -2 | i | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 23 | -2 | j | -0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 22 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 22 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | -2 | i | 0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 21 | -2 | j | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 |
| 20 | -2 | i | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 | -0.00 |
| 20 | -2 | j | 0.00 | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 19 | -2 | i | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 19 | -2 | j | 0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 18 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 18 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | -2 | i | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 17 | -2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 16 | -2 | i | 0.00 | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 |
| 16 | -2 | j | 0.00 | -0.00 | -0.00 | -0.00 | -0.00 | 0.00 |
| 15 | -2 | i | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 | 0.00 |
| 15 | -2 | j | -0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 |
| 8 | -2 | i | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 8 | -2 | j | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 7 | -2 | i | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 7 | -2 | j | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 6 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 6 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 5 | -2 | i | 0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 5 | -2 | j | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | -2 | i | -0.00 | 0.00 | -0.00 | 0.00 | 0.00 | 0.00 |
| 4 | -2 | j | -0.00 | 0.00 | -0.00 | 0.00 | -0.00 | -0.00 |
| 3 | -2 | i | -0.00 | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 |
| 3 | -2 | j | -0.00 | -0.00 | -0.00 | 0.00 | -0.00 | 0.00 |
| 2 | -2 | i | -0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 |
| 2 | -2 | j | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 |
| 1 | -2 | i | -0.00 | -0.00 | 0.00 | 0.00 | -0.00 | -0.00 |
| 1 | -2 | j | -0.00 | -0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

4、组合内力表

4.1荷载组合

|  |  |
| --- | --- |
| **序号** | **荷载组合名称** |
| 1 | 承载能力组合1(1):工况0+工况1+工况-2 |
| 2 | 承载能力组合2(1):工况0+工况1+工况2+工况-2 |
| 3 | 承载能力组合3(1):工况0+工况1+工况3+工况-2 |

4.2组合内力

单位：kN、kN.m

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **单元号** | **组合号** | **位置** | **N** | **Q2** | **Q3** | **T** | **M2** | **M3** |
| 159 | 1 | i | -13.34 | -42.50 | -0.05 | 0.01 | 0.10 | -125.51 |
| 159 | 1 | j | -13.34 | -69.21 | -0.05 | 0.01 | -0.19 | 209.62 |
| 159 | 2 | i | -22.22 | -60.43 | -0.06 | 0.01 | 0.12 | -187.07 |
| 159 | 2 | j | -22.22 | -101.82 | -0.06 | 0.01 | -0.23 | 299.66 |
| 159 | 3 | i | 2.29 | -9.02 | -0.03 | 0.01 | 0.06 | -12.80 |
| 159 | 3 | j | 2.29 | -8.96 | -0.03 | 0.01 | -0.12 | 41.14 |
| 158 | 1 | i | -12.84 | 13.39 | -0.02 | 0.00 | 0.09 | -125.26 |
| 158 | 1 | j | -12.84 | -13.31 | -0.02 | 0.00 | -0.06 | -125.51 |
| 158 | 2 | i | -21.59 | 20.73 | -0.03 | 0.00 | 0.11 | -186.86 |
| 158 | 2 | j | -21.59 | -20.66 | -0.03 | 0.00 | -0.07 | -187.07 |
| 158 | 3 | i | 2.50 | 0.01 | -0.01 | -0.00 | 0.05 | -12.54 |
| 158 | 3 | j | 2.50 | 0.08 | -0.01 | -0.00 | -0.03 | -12.80 |
| 157 | 1 | i | -12.47 | 69.22 | -0.02 | -0.01 | 0.08 | 209.94 |
| 157 | 1 | j | -12.47 | 42.51 | -0.02 | -0.01 | -0.02 | -125.26 |
| 157 | 2 | i | -21.17 | 101.79 | -0.02 | -0.01 | 0.09 | 299.74 |
| 157 | 2 | j | -21.17 | 60.40 | -0.02 | -0.01 | -0.01 | -186.86 |
| 157 | 3 | i | 2.73 | 9.03 | -0.01 | -0.01 | 0.05 | 41.83 |
| 157 | 3 | j | 2.73 | 9.09 | -0.01 | -0.01 | -0.02 | -12.54 |
| 156 | 1 | i | 0.02 | -15.73 | 0.01 | -0.00 | -0.02 | 0.00 |
| 156 | 1 | j | 0.02 | -37.99 | 0.01 | -0.00 | 0.05 | 134.30 |
| 156 | 2 | i | 0.03 | -17.32 | 0.02 | 0.00 | -0.03 | 0.00 |
| 156 | 2 | j | 0.03 | -51.81 | 0.02 | 0.00 | 0.06 | 172.83 |
| 156 | 3 | i | 0.01 | -11.32 | 0.01 | -0.00 | -0.01 | 0.00 |
| 156 | 3 | j | 0.01 | -11.27 | 0.01 | -0.00 | 0.03 | 56.49 |
| 155 | 1 | i | -0.00 | 38.97 | 0.00 | -0.00 | -0.03 | 135.43 |
| 155 | 1 | j | -0.00 | 15.21 | 0.00 | -0.00 | -0.01 | 0.00 |
| 155 | 2 | i | 0.01 | 54.02 | 0.01 | -0.00 | -0.04 | 177.33 |
| 155 | 2 | j | 0.01 | 16.91 | 0.01 | -0.00 | -0.00 | 0.00 |
| 155 | 3 | i | -0.21 | 10.13 | -0.00 | -0.00 | 0.00 | 52.12 |
| 155 | 3 | j | -0.21 | 10.71 | -0.00 | -0.00 | -0.01 | 0.00 |
| 154 | 1 | i | -9.54 | -34.88 | -0.04 | -0.00 | 0.07 | -103.78 |
| 154 | 1 | j | -9.54 | -63.39 | -0.04 | -0.00 | -0.16 | 191.02 |
| 154 | 2 | i | -18.74 | -53.54 | -0.04 | 0.00 | 0.07 | -168.30 |
| 154 | 2 | j | -18.74 | -98.06 | -0.04 | 0.00 | -0.18 | 286.50 |
| 154 | 3 | i | 6.15 | -1.25 | -0.03 | -0.00 | 0.06 | 10.83 |
| 154 | 3 | j | 6.15 | -0.55 | -0.03 | -0.00 | -0.11 | 16.23 |
| 153 | 1 | i | -9.53 | 14.28 | -0.03 | -0.00 | 0.08 | -103.61 |
| 153 | 1 | j | -9.53 | -14.23 | -0.03 | -0.00 | -0.10 | -103.78 |
| 153 | 2 | i | -18.73 | 22.30 | -0.04 | -0.00 | 0.09 | -168.06 |
| 153 | 2 | j | -18.73 | -22.22 | -0.04 | -0.00 | -0.12 | -168.30 |
| 153 | 3 | i | 6.15 | -0.34 | -0.02 | -0.00 | 0.05 | 10.87 |
| 153 | 3 | j | 6.15 | 0.36 | -0.02 | -0.00 | -0.06 | 10.83 |
| 152 | 1 | i | -9.53 | 63.13 | -0.06 | -0.00 | 0.23 | 189.65 |
| 152 | 1 | j | -9.53 | 34.62 | -0.06 | -0.00 | -0.13 | -103.62 |
| 152 | 2 | i | -18.74 | 97.72 | -0.07 | -0.00 | 0.28 | 284.66 |
| 152 | 2 | j | -18.74 | 53.19 | -0.07 | -0.00 | -0.15 | -168.07 |
| 152 | 3 | i | 6.16 | 0.46 | -0.04 | 0.00 | 0.15 | 15.74 |
| 152 | 3 | j | 6.16 | 1.16 | -0.04 | 0.00 | -0.08 | 10.87 |
| 151 | 1 | i | 0.01 | -14.93 | 0.02 | 0.00 | -0.01 | 0.00 |
| 151 | 1 | j | 0.01 | -38.69 | 0.02 | 0.00 | 0.07 | 134.04 |
| 151 | 2 | i | 0.01 | -16.52 | 0.02 | 0.00 | -0.01 | 0.00 |
| 151 | 2 | j | 0.01 | -53.62 | 0.02 | 0.00 | 0.09 | 175.34 |
| 151 | 3 | i | -0.19 | -10.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| 151 | 3 | j | -0.19 | -10.07 | 0.00 | 0.00 | 0.03 | 51.83 |
| 150 | 1 | i | 0.01 | 37.27 | -0.00 | 0.01 | -0.01 | 126.95 |
| 150 | 1 | j | 0.01 | 13.51 | -0.00 | 0.01 | -0.02 | 0.00 |
| 150 | 2 | i | 0.02 | 51.57 | -0.00 | 0.01 | -0.02 | 165.07 |
| 150 | 2 | j | 0.02 | 14.46 | -0.00 | 0.01 | -0.02 | 0.00 |
| 150 | 3 | i | -0.21 | 9.79 | -0.00 | 0.00 | -0.00 | 50.43 |
| 150 | 3 | j | -0.21 | 10.38 | -0.00 | 0.00 | -0.01 | 0.00 |
| 149 | 1 | i | -9.89 | -33.94 | -0.06 | 0.00 | 0.12 | -102.98 |
| 149 | 1 | j | -9.89 | -62.45 | -0.06 | 0.00 | -0.22 | 186.17 |
| 149 | 2 | i | -19.28 | -52.28 | -0.07 | 0.00 | 0.13 | -167.43 |
| 149 | 2 | j | -19.28 | -96.80 | -0.07 | 0.00 | -0.26 | 279.83 |
| 149 | 3 | i | 6.16 | -0.88 | -0.03 | 0.00 | 0.07 | 11.49 |
| 149 | 3 | j | 6.16 | -0.18 | -0.03 | 0.00 | -0.13 | 14.68 |
| 148 | 1 | i | -9.87 | 14.08 | -0.03 | 0.00 | 0.09 | -104.03 |
| 148 | 1 | j | -9.87 | -14.43 | -0.03 | 0.00 | -0.11 | -102.98 |
| 148 | 2 | i | -19.26 | 22.04 | -0.04 | 0.00 | 0.12 | -168.78 |
| 148 | 2 | j | -19.26 | -22.49 | -0.04 | 0.00 | -0.14 | -167.43 |
| 148 | 3 | i | 6.16 | -0.43 | -0.02 | 0.00 | 0.05 | 11.02 |
| 148 | 3 | j | 6.16 | 0.27 | -0.02 | 0.00 | -0.06 | 11.49 |
| 147 | 1 | i | -9.86 | 63.20 | -0.07 | 0.00 | 0.26 | 189.61 |
| 147 | 1 | j | -9.86 | 34.69 | -0.07 | 0.00 | -0.15 | -104.04 |
| 147 | 2 | i | -19.25 | 97.84 | -0.08 | 0.00 | 0.32 | 284.67 |
| 147 | 2 | j | -19.25 | 53.31 | -0.08 | 0.00 | -0.18 | -168.79 |
| 147 | 3 | i | 6.16 | 0.42 | -0.04 | -0.00 | 0.14 | 15.60 |
| 147 | 3 | j | 6.16 | 1.11 | -0.04 | -0.00 | -0.08 | 11.02 |
| 146 | 1 | i | -0.27 | -14.89 | 0.00 | -0.00 | 0.02 | 0.00 |
| 146 | 1 | j | -0.27 | -38.64 | 0.00 | -0.00 | 0.03 | 133.83 |
| 146 | 2 | i | -0.30 | -16.46 | 0.00 | -0.00 | 0.02 | 0.00 |
| 146 | 2 | j | -0.30 | -53.56 | 0.00 | -0.00 | 0.03 | 175.05 |
| 146 | 3 | i | -0.21 | -10.64 | 0.00 | -0.00 | 0.01 | 0.00 |
| 146 | 3 | j | -0.21 | -10.06 | 0.00 | -0.00 | 0.02 | 51.74 |
| 145 | 1 | i | -0.67 | 42.12 | 0.05 | -0.02 | -0.16 | 154.96 |
| 145 | 1 | j | -0.67 | 19.86 | 0.05 | -0.02 | 0.07 | -0.00 |
| 145 | 2 | i | -0.69 | 57.71 | 0.05 | -0.03 | -0.18 | 202.31 |
| 145 | 2 | j | -0.69 | 23.22 | 0.05 | -0.03 | 0.08 | 0.00 |
| 145 | 3 | i | -0.59 | 12.29 | 0.03 | -0.00 | -0.10 | 61.56 |
| 145 | 3 | j | -0.59 | 12.34 | 0.03 | -0.00 | 0.06 | -0.00 |
| 144 | 1 | i | -12.40 | -43.80 | -0.06 | -0.01 | 0.16 | -122.77 |
| 144 | 1 | j | -12.40 | -70.51 | -0.06 | -0.01 | -0.21 | 220.19 |
| 144 | 2 | i | -20.76 | -62.15 | -0.08 | -0.01 | 0.20 | -182.64 |
| 144 | 2 | j | -20.76 | -103.54 | -0.08 | -0.01 | -0.26 | 314.44 |
| 144 | 3 | i | 2.36 | -9.61 | -0.03 | 0.00 | 0.07 | -13.16 |
| 144 | 3 | j | 2.36 | -9.55 | -0.03 | 0.00 | -0.10 | 44.33 |
| 143 | 1 | i | -11.98 | 13.18 | -0.04 | -0.00 | 0.10 | -123.81 |
| 143 | 1 | j | -11.98 | -13.53 | -0.04 | -0.00 | -0.14 | -122.77 |
| 143 | 2 | i | -20.22 | 20.35 | -0.05 | -0.00 | 0.12 | -184.68 |
| 143 | 2 | j | -20.22 | -21.04 | -0.05 | -0.00 | -0.18 | -182.63 |
| 143 | 3 | i | 2.52 | 0.09 | -0.02 | -0.00 | 0.05 | -12.45 |
| 143 | 3 | j | 2.52 | 0.15 | -0.02 | -0.00 | -0.06 | -13.16 |
| 142 | 1 | i | -11.47 | 68.38 | -0.05 | -0.01 | 0.20 | 206.33 |
| 142 | 1 | j | -11.47 | 41.67 | -0.05 | -0.01 | -0.09 | -123.81 |
| 142 | 2 | i | -19.60 | 100.52 | -0.06 | -0.01 | 0.26 | 294.28 |
| 142 | 2 | j | -19.60 | 59.13 | -0.06 | -0.01 | -0.12 | -184.68 |
| 142 | 3 | i | 2.79 | 8.97 | -0.02 | -0.01 | 0.09 | 41.58 |
| 142 | 3 | j | 2.79 | 9.04 | -0.02 | -0.01 | -0.04 | -12.45 |
| 141 | 1 | i | 0.03 | -15.91 | 0.01 | 0.00 | -0.01 | 0.00 |
| 141 | 1 | j | 0.03 | -38.16 | 0.01 | 0.00 | 0.05 | 135.18 |
| 141 | 2 | i | 0.04 | -17.56 | 0.01 | 0.00 | -0.00 | 0.00 |
| 141 | 2 | j | 0.04 | -52.05 | 0.01 | 0.00 | 0.05 | 174.03 |
| 141 | 3 | i | 0.01 | -11.37 | 0.01 | -0.00 | -0.01 | 0.00 |
| 141 | 3 | j | 0.01 | -11.32 | 0.01 | -0.00 | 0.04 | 56.74 |
| 140 | 1 | i | -0.31 | 20.24 | -0.01 | -0.00 | 0.02 | 48.69 |
| 140 | 1 | j | -0.31 | -0.76 | -0.01 | -0.00 | -0.01 | -0.00 |
| 140 | 2 | i | -0.52 | 31.25 | -0.01 | -0.00 | 0.01 | 70.36 |
| 140 | 2 | j | -0.52 | -3.10 | -0.01 | -0.00 | -0.01 | -0.00 |
| 140 | 3 | i | -0.11 | -0.07 | -0.01 | -0.00 | 0.02 | 7.98 |
| 140 | 3 | j | -0.11 | 3.26 | -0.01 | -0.00 | -0.02 | -0.00 |
| 139 | 1 | i | -0.36 | 2.27 | -0.02 | -0.00 | 0.05 | -13.30 |
| 139 | 1 | j | -0.36 | -22.94 | -0.02 | -0.00 | -0.07 | 48.69 |
| 139 | 2 | i | -0.61 | 5.48 | -0.02 | -0.00 | 0.06 | -20.40 |
| 139 | 2 | j | -0.61 | -35.74 | -0.02 | -0.00 | -0.07 | 70.37 |
| 139 | 3 | i | 0.11 | -3.47 | -0.01 | -0.00 | 0.04 | -0.84 |
| 139 | 3 | j | 0.11 | 0.53 | -0.01 | -0.00 | -0.05 | 7.97 |
| 138 | 1 | i | -0.36 | 12.59 | -0.02 | 0.00 | 0.07 | -13.39 |
| 138 | 1 | j | -0.36 | -12.62 | -0.02 | 0.00 | -0.08 | -13.31 |
| 138 | 2 | i | -0.62 | 20.60 | -0.03 | 0.00 | 0.09 | -20.49 |
| 138 | 2 | j | -0.62 | -20.62 | -0.03 | 0.00 | -0.09 | -20.41 |
| 138 | 3 | i | 0.12 | -2.01 | -0.02 | 0.00 | 0.05 | -0.90 |
| 138 | 3 | j | 0.12 | 1.99 | -0.02 | 0.00 | -0.05 | -0.84 |
| 137 | 1 | i | -0.36 | 22.94 | -0.03 | 0.00 | 0.09 | 48.64 |
| 137 | 1 | j | -0.36 | -2.27 | -0.03 | 0.00 | -0.08 | -13.38 |
| 137 | 2 | i | -0.61 | 35.75 | -0.03 | 0.00 | 0.11 | 70.32 |
| 137 | 2 | j | -0.61 | -5.48 | -0.03 | 0.00 | -0.09 | -20.49 |
| 137 | 3 | i | 0.11 | -0.53 | -0.02 | 0.00 | 0.06 | 7.92 |
| 137 | 3 | j | 0.11 | 3.47 | -0.02 | 0.00 | -0.05 | -0.90 |
| 136 | 1 | i | -0.32 | 0.77 | 0.00 | 0.00 | -0.01 | -0.00 |
| 136 | 1 | j | -0.32 | -20.23 | 0.00 | 0.00 | 0.01 | 48.64 |
| 136 | 2 | i | -0.54 | 3.11 | 0.01 | 0.00 | -0.01 | -0.00 |
| 136 | 2 | j | -0.54 | -31.24 | 0.01 | 0.00 | 0.01 | 70.31 |
| 136 | 3 | i | 0.00 | -3.25 | -0.00 | 0.00 | -0.00 | -0.00 |
| 136 | 3 | j | 0.00 | 0.08 | -0.00 | 0.00 | -0.00 | 7.93 |
| 135 | 1 | i | -0.26 | 20.65 | -0.00 | 0.00 | 0.01 | 50.72 |
| 135 | 1 | j | -0.26 | -0.36 | -0.00 | 0.00 | -0.01 | -0.00 |
| 135 | 2 | i | -0.48 | 31.77 | -0.00 | 0.00 | 0.00 | 72.99 |
| 135 | 2 | j | -0.48 | -2.58 | -0.00 | 0.00 | -0.00 | -0.00 |
| 135 | 3 | i | -0.08 | 0.09 | -0.01 | 0.00 | 0.02 | 8.76 |
| 135 | 3 | j | -0.08 | 3.42 | -0.01 | 0.00 | -0.01 | -0.00 |
| 134 | 1 | i | -0.31 | 1.92 | -0.02 | -0.00 | 0.06 | -13.37 |
| 134 | 1 | j | -0.31 | -23.28 | -0.02 | -0.00 | -0.08 | 50.72 |
| 134 | 2 | i | -0.57 | 4.94 | -0.03 | -0.00 | 0.07 | -21.03 |
| 134 | 2 | j | -0.57 | -36.28 | -0.03 | -0.00 | -0.08 | 73.00 |
| 134 | 3 | i | 0.16 | -3.45 | -0.02 | -0.00 | 0.04 | 0.05 |
| 134 | 3 | j | 0.16 | 0.55 | -0.02 | -0.00 | -0.05 | 8.75 |
| 133 | 1 | i | -0.31 | 12.60 | -0.03 | -0.00 | 0.08 | -13.37 |
| 133 | 1 | j | -0.31 | -12.60 | -0.03 | -0.00 | -0.08 | -13.37 |
| 133 | 2 | i | -0.57 | 20.60 | -0.03 | -0.00 | 0.09 | -21.07 |
| 133 | 2 | j | -0.57 | -20.62 | -0.03 | -0.00 | -0.09 | -21.04 |
| 133 | 3 | i | 0.16 | -1.99 | -0.02 | -0.00 | 0.05 | 0.09 |
| 133 | 3 | j | 0.16 | 2.01 | -0.02 | -0.00 | -0.05 | 0.05 |
| 132 | 1 | i | -0.31 | 23.28 | -0.03 | -0.00 | 0.10 | 50.71 |
| 132 | 1 | j | -0.31 | -1.92 | -0.03 | -0.00 | -0.08 | -13.37 |
| 132 | 2 | i | -0.56 | 36.28 | -0.03 | -0.00 | 0.11 | 72.95 |
| 132 | 2 | j | -0.56 | -4.94 | -0.03 | -0.00 | -0.10 | -21.07 |
| 132 | 3 | i | 0.16 | -0.55 | -0.02 | 0.00 | 0.06 | 8.81 |
| 132 | 3 | j | 0.16 | 3.45 | -0.02 | 0.00 | -0.05 | 0.09 |
| 131 | 1 | i | -0.27 | 0.36 | -0.00 | 0.00 | 0.00 | -0.00 |
| 131 | 1 | j | -0.27 | -20.65 | -0.00 | 0.00 | -0.00 | 50.71 |
| 131 | 2 | i | -0.49 | 2.59 | 0.00 | -0.00 | -0.00 | -0.00 |
| 131 | 2 | j | -0.49 | -31.76 | 0.00 | -0.00 | 0.00 | 72.94 |
| 131 | 3 | i | -0.02 | -3.43 | -0.00 | 0.00 | 0.01 | -0.00 |
| 131 | 3 | j | -0.02 | -0.10 | -0.00 | 0.00 | -0.01 | 8.82 |
| 130 | 1 | i | -0.48 | 20.19 | -0.01 | 0.00 | 0.04 | 48.46 |
| 130 | 1 | j | -0.48 | -0.81 | -0.01 | 0.00 | -0.03 | 0.00 |
| 130 | 2 | i | -0.69 | 31.11 | -0.02 | 0.00 | 0.06 | 69.69 |
| 130 | 2 | j | -0.69 | -3.24 | -0.02 | 0.00 | -0.04 | 0.00 |
| 130 | 3 | i | -0.09 | 0.01 | -0.01 | 0.00 | 0.02 | 8.41 |
| 130 | 3 | j | -0.09 | 3.35 | -0.01 | 0.00 | -0.01 | -0.00 |
| 129 | 1 | i | -0.32 | 2.04 | -0.04 | 0.00 | 0.10 | -14.92 |
| 129 | 1 | j | -0.32 | -23.17 | -0.04 | 0.00 | -0.12 | 48.47 |
| 129 | 2 | i | -0.57 | 5.20 | -0.05 | 0.00 | 0.13 | -22.76 |
| 129 | 2 | j | -0.57 | -36.02 | -0.05 | 0.00 | -0.15 | 69.71 |
| 129 | 3 | i | 0.11 | -3.58 | -0.02 | 0.00 | 0.05 | -1.09 |
| 129 | 3 | j | 0.11 | 0.42 | -0.02 | 0.00 | -0.06 | 8.40 |
| 128 | 1 | i | -0.33 | 12.72 | -0.03 | 0.00 | 0.10 | -14.21 |
| 128 | 1 | j | -0.33 | -12.48 | -0.03 | 0.00 | -0.10 | -14.92 |
| 128 | 2 | i | -0.58 | 20.80 | -0.04 | 0.00 | 0.13 | -21.61 |
| 128 | 2 | j | -0.58 | -20.42 | -0.04 | 0.00 | -0.13 | -22.76 |
| 128 | 3 | i | 0.11 | -2.02 | -0.02 | 0.00 | 0.05 | -1.17 |
| 128 | 3 | j | 0.11 | 1.99 | -0.02 | 0.00 | -0.05 | -1.09 |
| 127 | 1 | i | -0.32 | 23.08 | -0.04 | -0.00 | 0.13 | 48.65 |
| 127 | 1 | j | -0.32 | -2.13 | -0.04 | -0.00 | -0.11 | -14.20 |
| 127 | 2 | i | -0.57 | 35.93 | -0.05 | -0.00 | 0.17 | 70.31 |
| 127 | 2 | j | -0.57 | -5.29 | -0.05 | -0.00 | -0.14 | -21.60 |
| 127 | 3 | i | 0.11 | -0.48 | -0.02 | -0.00 | 0.07 | 7.96 |
| 127 | 3 | j | 0.11 | 3.52 | -0.02 | -0.00 | -0.05 | -1.17 |
| 126 | 1 | i | -0.54 | 0.77 | -0.02 | -0.00 | 0.04 | -0.00 |
| 126 | 1 | j | -0.54 | -20.23 | -0.02 | -0.00 | -0.05 | 48.65 |
| 126 | 2 | i | -0.78 | 3.11 | -0.02 | -0.00 | 0.05 | -0.00 |
| 126 | 2 | j | -0.78 | -31.24 | -0.02 | -0.00 | -0.07 | 70.30 |
| 126 | 3 | i | -0.11 | -3.26 | -0.01 | -0.00 | 0.02 | -0.00 |
| 126 | 3 | j | -0.11 | 0.07 | -0.01 | -0.00 | -0.02 | 7.97 |
| 125 | 1 | i | 0.01 | 7.26 | -0.01 | 0.00 | 0.03 | 21.24 |
| 125 | 1 | j | 0.01 | 1.23 | -0.01 | 0.00 | -0.02 | -0.00 |
| 125 | 2 | i | 0.01 | 7.90 | -0.01 | 0.00 | 0.03 | 25.05 |
| 125 | 2 | j | 0.01 | 2.12 | -0.01 | 0.00 | -0.02 | -0.00 |
| 125 | 3 | i | 0.01 | 5.37 | -0.01 | 0.00 | 0.03 | 12.42 |
| 125 | 3 | j | 0.01 | -0.41 | -0.01 | 0.00 | -0.02 | -0.00 |
| 124 | 1 | i | 0.41 | -1.08 | -0.01 | -0.00 | 0.01 | -6.94 |
| 124 | 1 | j | 0.41 | -8.32 | -0.01 | -0.00 | -0.02 | 21.24 |
| 124 | 2 | i | 0.40 | -2.34 | -0.01 | -0.00 | 0.03 | -9.83 |
| 124 | 2 | j | 0.40 | -9.28 | -0.01 | -0.00 | -0.03 | 25.05 |
| 124 | 3 | i | 0.34 | 1.17 | 0.00 | -0.00 | -0.00 | -1.36 |
| 124 | 3 | j | 0.34 | -5.77 | 0.00 | -0.00 | 0.00 | 12.42 |
| 123 | 1 | i | 0.54 | 7.16 | 0.00 | 0.00 | -0.00 | 14.33 |
| 123 | 1 | j | 0.54 | -0.07 | 0.00 | 0.00 | 0.01 | -6.94 |
| 123 | 2 | i | 0.62 | 7.94 | 0.00 | 0.00 | -0.01 | 16.97 |
| 123 | 2 | j | 0.62 | 1.00 | 0.00 | 0.00 | 0.01 | -9.82 |
| 123 | 3 | i | 0.34 | 5.09 | -0.00 | 0.00 | 0.00 | 8.35 |
| 123 | 3 | j | 0.34 | -1.85 | -0.00 | 0.00 | -0.00 | -1.36 |
| 122 | 1 | i | 0.56 | -0.30 | -0.00 | -0.00 | 0.01 | -9.17 |
| 122 | 1 | j | 0.56 | -7.54 | -0.00 | -0.00 | -0.01 | 14.34 |
| 122 | 2 | i | 0.64 | -1.41 | -0.01 | -0.00 | 0.02 | -12.32 |
| 122 | 2 | j | 0.64 | -8.35 | -0.01 | -0.00 | -0.02 | 16.97 |
| 122 | 3 | i | 0.20 | 1.60 | 0.00 | -0.00 | -0.01 | -2.88 |
| 122 | 3 | j | 0.20 | -5.34 | 0.00 | -0.00 | 0.01 | 8.35 |
| 121 | 1 | i | 0.46 | 7.53 | 0.00 | 0.00 | -0.01 | 14.29 |
| 121 | 1 | j | 0.46 | 0.29 | 0.00 | 0.00 | 0.01 | -9.17 |
| 121 | 2 | i | 0.62 | 8.34 | 0.00 | 0.00 | -0.01 | 16.92 |
| 121 | 2 | j | 0.62 | 1.40 | 0.00 | 0.00 | 0.02 | -12.32 |
| 121 | 3 | i | 0.17 | 5.33 | -0.00 | 0.00 | 0.00 | 8.32 |
| 121 | 3 | j | 0.17 | -1.60 | -0.00 | 0.00 | -0.00 | -2.88 |
| 120 | 1 | i | 0.14 | 0.11 | 0.00 | -0.00 | -0.01 | -6.77 |
| 120 | 1 | j | 0.14 | -7.13 | 0.00 | -0.00 | 0.01 | 14.29 |
| 120 | 2 | i | 0.26 | -0.95 | 0.00 | -0.00 | -0.01 | -9.59 |
| 120 | 2 | j | 0.26 | -7.89 | 0.00 | -0.00 | 0.01 | 16.92 |
| 120 | 3 | i | -0.08 | 1.86 | 0.00 | -0.00 | -0.01 | -1.32 |
| 120 | 3 | j | -0.08 | -5.08 | 0.00 | -0.00 | 0.01 | 8.31 |
| 119 | 1 | i | -0.53 | 8.35 | 0.01 | 0.00 | -0.04 | 21.61 |
| 119 | 1 | j | -0.53 | 1.11 | 0.01 | 0.00 | 0.03 | -6.77 |
| 119 | 2 | i | -0.69 | 9.33 | 0.02 | 0.00 | -0.05 | 25.59 |
| 119 | 2 | j | -0.69 | 2.39 | 0.02 | 0.00 | 0.05 | -9.59 |
| 119 | 3 | i | -0.22 | 5.77 | 0.00 | 0.00 | -0.01 | 12.48 |
| 119 | 3 | j | -0.22 | -1.17 | 0.00 | 0.00 | 0.00 | -1.32 |
| 118 | 1 | i | -0.52 | -1.31 | -0.01 | -0.00 | 0.03 | -0.00 |
| 118 | 1 | j | -0.52 | -7.34 | -0.01 | -0.00 | -0.04 | 21.61 |
| 118 | 2 | i | -0.68 | -2.23 | -0.02 | -0.00 | 0.04 | -0.00 |
| 118 | 2 | j | -0.68 | -8.01 | -0.02 | -0.00 | -0.05 | 25.59 |
| 118 | 3 | i | -0.21 | 0.40 | -0.01 | -0.00 | 0.01 | -0.00 |
| 118 | 3 | j | -0.21 | -5.39 | -0.01 | -0.00 | -0.02 | 12.48 |
| 117 | 1 | i | -0.51 | 7.25 | -0.01 | -0.00 | 0.04 | 21.16 |
| 117 | 1 | j | -0.51 | 1.22 | -0.01 | -0.00 | -0.03 | -0.00 |
| 117 | 2 | i | -0.71 | 7.89 | -0.02 | -0.00 | 0.05 | 24.97 |
| 117 | 2 | j | -0.71 | 2.10 | -0.02 | -0.00 | -0.04 | -0.00 |
| 117 | 3 | i | -0.16 | 5.36 | -0.00 | -0.00 | 0.01 | 12.35 |
| 117 | 3 | j | -0.16 | -0.42 | -0.00 | -0.00 | -0.01 | -0.00 |
| 116 | 1 | i | -0.52 | -1.03 | 0.01 | 0.00 | -0.02 | -6.72 |
| 116 | 1 | j | -0.52 | -8.27 | 0.01 | 0.00 | 0.02 | 21.16 |
| 116 | 2 | i | -0.73 | -2.28 | 0.01 | 0.00 | -0.02 | -9.51 |
| 116 | 2 | j | -0.73 | -9.22 | 0.01 | 0.00 | 0.03 | 24.97 |
| 116 | 3 | i | -0.17 | 1.19 | 0.00 | 0.00 | -0.00 | -1.31 |
| 116 | 3 | j | -0.17 | -5.75 | 0.00 | 0.00 | 0.01 | 12.35 |
| 115 | 1 | i | -0.21 | 7.20 | -0.00 | -0.00 | 0.01 | 14.80 |
| 115 | 1 | j | -0.21 | -0.03 | -0.00 | -0.00 | -0.00 | -6.71 |
| 115 | 2 | i | -0.46 | 7.99 | -0.00 | -0.00 | 0.02 | 17.64 |
| 115 | 2 | j | -0.46 | 1.05 | -0.00 | -0.00 | -0.01 | -9.50 |
| 115 | 3 | i | -0.02 | 5.10 | 0.00 | -0.00 | -0.01 | 8.45 |
| 115 | 3 | j | -0.02 | -1.84 | 0.00 | -0.00 | 0.01 | -1.31 |
| 114 | 1 | i | -0.20 | -0.54 | 0.00 | 0.00 | -0.01 | -10.13 |
| 114 | 1 | j | -0.20 | -7.77 | 0.00 | 0.00 | 0.01 | 14.80 |
| 114 | 2 | i | -0.47 | -1.75 | 0.01 | 0.00 | -0.02 | -13.69 |
| 114 | 2 | j | -0.47 | -8.69 | 0.01 | 0.00 | 0.02 | 17.64 |
| 114 | 3 | i | 0.23 | 1.55 | 0.00 | 0.00 | -0.00 | -3.07 |
| 114 | 3 | j | 0.23 | -5.39 | 0.00 | 0.00 | 0.00 | 8.45 |
| 113 | 1 | i | 0.01 | 7.29 | -0.00 | -0.00 | 0.01 | 11.89 |
| 113 | 1 | j | 0.01 | 0.05 | -0.00 | -0.00 | -0.01 | -10.13 |
| 113 | 2 | i | -0.35 | 7.99 | -0.01 | -0.00 | 0.02 | 13.43 |
| 113 | 2 | j | -0.35 | 1.05 | -0.01 | -0.00 | -0.02 | -13.70 |
| 113 | 3 | i | 0.33 | 5.30 | 0.00 | -0.00 | -0.01 | 7.89 |
| 113 | 3 | j | 0.33 | -1.64 | 0.00 | -0.00 | 0.01 | -3.07 |
| 112 | 1 | i | 0.01 | 1.25 | 0.01 | -0.00 | -0.03 | -2.35 |
| 112 | 1 | j | 0.01 | -5.99 | 0.01 | -0.00 | 0.03 | 11.89 |
| 112 | 2 | i | -0.35 | 0.70 | 0.01 | -0.00 | -0.04 | -3.22 |
| 112 | 2 | j | -0.35 | -6.24 | 0.01 | -0.00 | 0.04 | 13.42 |
| 112 | 3 | i | 0.59 | 2.09 | 0.00 | 0.00 | -0.00 | -0.41 |
| 112 | 3 | j | 0.59 | -4.85 | 0.00 | 0.00 | 0.00 | 7.88 |
| 111 | 1 | i | 0.59 | 9.52 | 0.00 | 0.00 | -0.01 | 33.08 |
| 111 | 1 | j | 0.59 | 2.29 | 0.00 | 0.00 | 0.01 | -2.35 |
| 111 | 2 | i | 0.49 | 11.10 | 0.00 | 0.00 | -0.00 | 42.57 |
| 111 | 2 | j | 0.49 | 4.16 | 0.00 | 0.00 | 0.00 | -3.22 |
| 111 | 3 | i | 0.70 | 5.90 | 0.00 | -0.00 | -0.01 | 14.20 |
| 111 | 3 | j | 0.70 | -1.03 | 0.00 | -0.00 | 0.01 | -0.41 |
| 110 | 1 | i | 0.32 | -3.12 | -0.03 | 0.00 | 0.06 | 0.00 |
| 110 | 1 | j | 0.32 | -10.12 | -0.03 | 0.00 | -0.08 | 33.10 |
| 110 | 2 | i | 0.19 | -5.14 | -0.02 | 0.00 | 0.04 | 0.00 |
| 110 | 2 | j | 0.19 | -11.90 | -0.02 | 0.00 | -0.08 | 42.60 |
| 110 | 3 | i | 0.49 | 0.54 | -0.03 | -0.00 | 0.09 | 0.00 |
| 110 | 3 | j | 0.49 | -6.22 | -0.03 | -0.00 | -0.07 | 14.20 |
| 109 | 1 | i | 0.01 | 12.40 | 0.01 | -0.00 | -0.03 | 28.19 |
| 109 | 1 | j | 0.01 | -1.13 | 0.01 | -0.00 | 0.02 | -0.00 |
| 109 | 2 | i | 0.01 | 16.83 | 0.01 | -0.00 | -0.03 | 37.03 |
| 109 | 2 | j | 0.01 | -2.02 | 0.01 | -0.00 | 0.02 | -0.00 |
| 109 | 3 | i | 0.01 | 3.65 | 0.01 | -0.00 | -0.03 | 10.41 |
| 109 | 3 | j | 0.01 | 0.51 | 0.01 | -0.00 | 0.02 | -0.00 |
| 108 | 1 | i | -0.13 | 2.25 | -0.01 | 0.00 | 0.03 | -7.01 |
| 108 | 1 | j | -0.13 | -13.99 | -0.01 | 0.00 | -0.04 | 28.19 |
| 108 | 2 | i | -0.29 | 3.48 | -0.01 | 0.00 | 0.04 | -9.94 |
| 108 | 2 | j | -0.29 | -19.14 | -0.01 | 0.00 | -0.05 | 37.04 |
| 108 | 3 | i | 0.19 | -0.12 | -0.00 | 0.00 | 0.01 | -1.64 |
| 108 | 3 | j | 0.19 | -3.89 | -0.00 | 0.00 | -0.01 | 10.41 |
| 107 | 1 | i | -0.54 | 8.12 | -0.01 | 0.00 | 0.02 | -7.02 |
| 107 | 1 | j | -0.54 | -8.12 | -0.01 | 0.00 | -0.02 | -7.00 |
| 107 | 2 | i | -0.76 | 11.30 | -0.01 | 0.00 | 0.03 | -9.97 |
| 107 | 2 | j | -0.76 | -11.31 | -0.01 | 0.00 | -0.03 | -9.94 |
| 107 | 3 | i | -0.07 | 1.89 | -0.00 | -0.00 | 0.01 | -1.64 |
| 107 | 3 | j | -0.07 | -1.88 | -0.00 | -0.00 | -0.01 | -1.64 |
| 106 | 1 | i | -0.55 | 14.00 | 0.00 | -0.00 | -0.01 | 28.27 |
| 106 | 1 | j | -0.55 | -2.24 | 0.00 | -0.00 | 0.01 | -7.03 |
| 106 | 2 | i | -0.77 | 19.15 | 0.01 | -0.00 | -0.02 | 37.12 |
| 106 | 2 | j | -0.77 | -3.46 | 0.01 | -0.00 | 0.01 | -9.97 |
| 106 | 3 | i | -0.17 | 3.90 | -0.00 | -0.00 | 0.00 | 10.48 |
| 106 | 3 | j | -0.17 | 0.13 | -0.00 | -0.00 | -0.00 | -1.64 |
| 105 | 1 | i | -0.51 | 1.11 | 0.01 | 0.00 | -0.03 | -0.00 |
| 105 | 1 | j | -0.51 | -12.42 | 0.01 | 0.00 | 0.04 | 28.27 |
| 105 | 2 | i | -0.71 | 2.00 | 0.02 | 0.00 | -0.04 | -0.00 |
| 105 | 2 | j | -0.71 | -16.84 | 0.02 | 0.00 | 0.06 | 37.10 |
| 105 | 3 | i | -0.16 | -0.53 | 0.00 | 0.00 | -0.01 | -0.00 |
| 105 | 3 | j | -0.16 | -3.67 | 0.00 | 0.00 | 0.01 | 10.48 |
| 104 | 1 | i | -0.51 | 12.33 | 0.02 | 0.00 | -0.04 | 27.82 |
| 104 | 1 | j | -0.51 | -1.20 | 0.02 | 0.00 | 0.03 | -0.00 |
| 104 | 2 | i | -0.68 | 16.72 | 0.02 | 0.00 | -0.06 | 36.49 |
| 104 | 2 | j | -0.68 | -2.12 | 0.02 | 0.00 | 0.04 | -0.00 |
| 104 | 3 | i | -0.21 | 3.64 | 0.01 | 0.00 | -0.02 | 10.35 |
| 104 | 3 | j | -0.21 | 0.50 | 0.01 | 0.00 | 0.01 | -0.00 |
| 103 | 1 | i | -0.54 | 2.48 | -0.01 | -0.00 | 0.03 | -5.99 |
| 103 | 1 | j | -0.54 | -13.75 | -0.01 | -0.00 | -0.02 | 27.82 |
| 103 | 2 | i | -0.72 | 3.79 | -0.01 | -0.00 | 0.03 | -8.59 |
| 103 | 2 | j | -0.72 | -18.82 | -0.01 | -0.00 | -0.02 | 36.49 |
| 103 | 3 | i | -0.21 | -0.05 | -0.00 | -0.00 | 0.01 | -1.23 |
| 103 | 3 | j | -0.21 | -3.81 | -0.00 | -0.00 | -0.01 | 10.35 |
| 102 | 1 | i | -0.28 | 8.82 | 0.02 | -0.00 | -0.09 | -1.77 |
| 102 | 1 | j | -0.28 | -7.42 | 0.02 | -0.00 | 0.02 | -5.98 |
| 102 | 2 | i | -0.43 | 12.30 | 0.02 | -0.00 | -0.12 | -2.62 |
| 102 | 2 | j | -0.43 | -10.31 | 0.02 | -0.00 | 0.03 | -8.59 |
| 102 | 3 | i | 0.01 | 2.04 | 0.01 | -0.00 | -0.04 | -0.30 |
| 102 | 3 | j | 0.01 | -1.73 | 0.01 | -0.00 | 0.01 | -1.23 |
| 101 | 1 | i | 0.36 | 4.64 | -0.43 | -0.01 | 0.59 | 1.00 |
| 101 | 1 | j | 0.36 | -2.33 | -0.43 | -0.01 | -0.43 | -1.77 |
| 101 | 2 | i | 0.37 | 6.07 | -0.52 | -0.01 | 0.71 | 0.54 |
| 101 | 2 | j | 0.37 | -3.44 | -0.52 | -0.01 | -0.54 | -2.61 |
| 101 | 3 | i | 0.33 | 1.79 | -0.20 | -0.00 | 0.31 | 1.63 |
| 101 | 3 | j | 0.33 | -0.18 | -0.20 | -0.00 | -0.18 | -0.30 |
| 100 | 1 | i | -11.68 | 14.48 | 0.24 | -0.01 | -0.38 | 34.35 |
| 100 | 1 | j | -11.68 | 4.04 | 0.24 | -0.01 | 0.49 | 1.00 |
| 100 | 2 | i | -15.55 | 19.77 | 0.34 | -0.01 | -0.53 | 46.02 |
| 100 | 2 | j | -15.55 | 5.50 | 0.34 | -0.01 | 0.68 | 0.54 |
| 100 | 3 | i | -4.17 | 4.30 | 0.05 | -0.00 | -0.07 | 11.78 |
| 100 | 3 | j | -4.17 | 1.34 | 0.05 | -0.00 | 0.09 | 1.63 |
| 99 | 1 | i | -11.07 | 0.38 | 0.01 | 0.00 | -0.03 | -0.00 |
| 99 | 1 | j | -11.07 | -14.12 | 0.01 | 0.00 | 0.02 | 34.36 |
| 99 | 2 | i | -14.77 | 0.70 | 0.02 | 0.00 | -0.07 | -0.00 |
| 99 | 2 | j | -14.77 | -19.12 | 0.02 | 0.00 | 0.04 | 46.04 |
| 99 | 3 | i | -3.85 | -0.30 | -0.01 | 0.00 | 0.03 | 0.00 |
| 99 | 3 | j | -3.85 | -4.41 | -0.01 | 0.00 | -0.02 | 11.78 |
| 98 | 1 | i | -0.32 | 14.21 | 0.02 | -0.00 | -0.06 | 62.04 |
| 98 | 1 | j | -0.32 | 10.60 | 0.02 | -0.00 | 0.05 | -0.00 |
| 98 | 2 | i | -0.36 | 18.62 | 0.03 | -0.00 | -0.08 | 84.10 |
| 98 | 2 | j | -0.36 | 15.02 | 0.03 | -0.00 | 0.06 | -0.00 |
| 98 | 3 | i | -0.20 | 5.60 | 0.01 | -0.00 | -0.02 | 18.96 |
| 98 | 3 | j | -0.20 | 1.99 | 0.01 | -0.00 | 0.02 | -0.00 |
| 97 | 1 | i | 0.12 | -10.41 | 0.03 | -0.00 | -0.07 | -13.45 |
| 97 | 1 | j | 0.12 | -14.74 | 0.03 | -0.00 | 0.09 | 62.03 |
| 97 | 2 | i | 0.20 | -16.58 | 0.03 | -0.00 | -0.08 | -28.40 |
| 97 | 2 | j | 0.20 | -20.91 | 0.03 | -0.00 | 0.11 | 84.09 |
| 97 | 3 | i | -0.01 | 1.06 | 0.02 | -0.00 | -0.05 | 12.30 |
| 97 | 3 | j | -0.01 | -3.27 | 0.02 | -0.00 | 0.07 | 18.95 |
| 96 | 1 | i | 0.13 | 8.77 | 0.03 | 0.00 | -0.11 | 26.19 |
| 96 | 1 | j | 0.13 | 4.44 | 0.03 | 0.00 | 0.08 | -13.45 |
| 96 | 2 | i | 0.20 | 13.82 | 0.04 | 0.00 | -0.13 | 41.51 |
| 96 | 2 | j | 0.20 | 9.49 | 0.04 | 0.00 | 0.10 | -28.40 |
| 96 | 3 | i | -0.01 | -0.09 | 0.02 | -0.00 | -0.06 | -1.26 |
| 96 | 3 | j | -0.01 | -4.42 | 0.02 | -0.00 | 0.05 | 12.30 |
| 95 | 1 | i | 0.16 | -7.24 | 0.03 | -0.00 | -0.07 | -30.22 |
| 95 | 1 | j | 0.16 | -11.57 | 0.03 | -0.00 | 0.10 | 26.19 |
| 95 | 2 | i | 0.23 | -12.74 | 0.03 | -0.00 | -0.08 | -47.93 |
| 95 | 2 | j | 0.23 | -17.07 | 0.03 | -0.00 | 0.11 | 41.52 |
| 95 | 3 | i | 0.02 | 2.73 | 0.02 | 0.00 | -0.05 | 2.16 |
| 95 | 3 | j | 0.02 | -1.60 | 0.02 | 0.00 | 0.07 | -1.26 |
| 94 | 1 | i | 0.16 | 11.62 | 0.03 | 0.00 | -0.11 | 26.49 |
| 94 | 1 | j | 0.16 | 7.29 | 0.03 | 0.00 | 0.09 | -30.22 |
| 94 | 2 | i | 0.24 | 17.13 | 0.04 | 0.00 | -0.13 | 41.89 |
| 94 | 2 | j | 0.24 | 12.80 | 0.04 | 0.00 | 0.11 | -47.93 |
| 94 | 3 | i | 0.02 | 1.62 | 0.02 | -0.00 | -0.06 | -1.11 |
| 94 | 3 | j | 0.02 | -2.71 | 0.02 | -0.00 | 0.05 | 2.16 |
| 93 | 1 | i | 0.20 | -4.66 | 0.04 | -0.00 | -0.10 | -14.46 |
| 93 | 1 | j | 0.20 | -8.99 | 0.04 | -0.00 | 0.13 | 26.49 |
| 93 | 2 | i | 0.28 | -9.81 | 0.05 | -0.00 | -0.12 | -29.99 |
| 93 | 2 | j | 0.28 | -14.14 | 0.05 | -0.00 | 0.17 | 41.89 |
| 93 | 3 | i | 0.04 | 4.41 | 0.02 | 0.00 | -0.06 | 12.35 |
| 93 | 3 | j | 0.04 | 0.08 | 0.02 | 0.00 | 0.07 | -1.11 |
| 92 | 1 | i | 0.20 | 14.52 | 0.04 | 0.00 | -0.15 | 59.67 |
| 92 | 1 | j | 0.20 | 10.19 | 0.04 | 0.00 | 0.12 | -14.46 |
| 92 | 2 | i | 0.29 | 20.61 | 0.06 | 0.00 | -0.20 | 80.68 |
| 92 | 2 | j | 0.29 | 16.28 | 0.06 | 0.00 | 0.15 | -29.99 |
| 92 | 3 | i | 0.04 | 3.20 | 0.02 | 0.00 | -0.07 | 18.57 |
| 92 | 3 | j | 0.04 | -1.13 | 0.02 | 0.00 | 0.05 | 12.35 |
| 91 | 1 | i | -0.24 | -10.13 | 0.01 | 0.00 | -0.01 | 0.00 |
| 91 | 1 | j | -0.24 | -13.74 | 0.01 | 0.00 | 0.04 | 59.67 |
| 91 | 2 | i | -0.26 | -14.33 | 0.01 | 0.00 | -0.01 | 0.00 |
| 91 | 2 | j | -0.26 | -17.94 | 0.01 | 0.00 | 0.05 | 80.68 |
| 91 | 3 | i | -0.19 | -1.91 | 0.01 | 0.00 | -0.01 | -0.00 |
| 91 | 3 | j | -0.19 | -5.52 | 0.01 | 0.00 | 0.02 | 18.58 |
| 90 | 1 | i | 0.01 | 14.19 | 0.01 | 0.00 | -0.02 | 61.93 |
| 90 | 1 | j | 0.01 | 10.58 | 0.01 | 0.00 | 0.02 | -0.00 |
| 90 | 2 | i | 0.01 | 18.60 | 0.01 | 0.00 | -0.02 | 83.95 |
| 90 | 2 | j | 0.01 | 14.99 | 0.01 | 0.00 | 0.01 | -0.00 |
| 90 | 3 | i | -0.08 | 5.59 | 0.01 | 0.00 | -0.01 | 18.92 |
| 90 | 3 | j | -0.08 | 1.98 | 0.01 | 0.00 | 0.01 | -0.00 |
| 89 | 1 | i | 0.34 | -10.37 | 0.03 | 0.00 | -0.07 | -13.29 |
| 89 | 1 | j | 0.34 | -14.70 | 0.03 | 0.00 | 0.09 | 61.92 |
| 89 | 2 | i | 0.40 | -16.52 | 0.03 | 0.00 | -0.08 | -28.16 |
| 89 | 2 | j | 0.40 | -20.85 | 0.03 | 0.00 | 0.10 | 83.94 |
| 89 | 3 | i | 0.13 | 1.07 | 0.01 | 0.00 | -0.04 | 12.31 |
| 89 | 3 | j | 0.13 | -3.26 | 0.01 | 0.00 | 0.05 | 18.91 |
| 88 | 1 | i | 0.34 | 8.85 | 0.02 | -0.00 | -0.08 | 26.81 |
| 88 | 1 | j | 0.34 | 4.52 | 0.02 | -0.00 | 0.06 | -13.29 |
| 88 | 2 | i | 0.41 | 13.92 | 0.02 | -0.00 | -0.08 | 42.36 |
| 88 | 2 | j | 0.41 | 9.59 | 0.02 | -0.00 | 0.06 | -28.16 |
| 88 | 3 | i | 0.13 | -0.06 | 0.02 | 0.00 | -0.06 | -1.06 |
| 88 | 3 | j | 0.13 | -4.39 | 0.02 | 0.00 | 0.05 | 12.31 |
| 87 | 1 | i | 0.33 | -7.47 | 0.03 | 0.00 | -0.07 | -31.03 |
| 87 | 1 | j | 0.33 | -11.80 | 0.03 | 0.00 | 0.09 | 26.81 |
| 87 | 2 | i | 0.40 | -13.07 | 0.03 | 0.00 | -0.09 | -49.03 |
| 87 | 2 | j | 0.40 | -17.40 | 0.03 | 0.00 | 0.11 | 42.36 |
| 87 | 3 | i | 0.12 | 2.66 | 0.02 | -0.00 | -0.04 | 1.92 |
| 87 | 3 | j | 0.12 | -1.67 | 0.02 | -0.00 | 0.05 | -1.06 |
| 86 | 1 | i | 0.34 | 11.38 | 0.03 | -0.00 | -0.09 | 24.28 |
| 86 | 1 | j | 0.34 | 7.05 | 0.03 | -0.00 | 0.07 | -31.03 |
| 86 | 2 | i | 0.41 | 16.82 | 0.03 | -0.00 | -0.09 | 38.89 |
| 86 | 2 | j | 0.41 | 12.49 | 0.03 | -0.00 | 0.07 | -49.03 |
| 86 | 3 | i | 0.12 | 1.53 | 0.02 | 0.00 | -0.06 | -1.87 |
| 86 | 3 | j | 0.12 | -2.80 | 0.02 | 0.00 | 0.05 | 1.92 |
| 85 | 1 | i | 0.32 | -3.79 | 0.04 | -0.00 | -0.11 | -11.46 |
| 85 | 1 | j | 0.32 | -8.12 | 0.04 | -0.00 | 0.14 | 24.28 |
| 85 | 2 | i | 0.38 | -8.64 | 0.05 | -0.00 | -0.14 | -25.95 |
| 85 | 2 | j | 0.38 | -12.97 | 0.05 | -0.00 | 0.18 | 38.89 |
| 85 | 3 | i | 0.10 | 4.71 | 0.02 | -0.00 | -0.05 | 13.41 |
| 85 | 3 | j | 0.10 | 0.38 | 0.02 | -0.00 | 0.06 | -1.87 |
| 84 | 1 | i | 0.31 | 15.06 | 0.03 | -0.00 | -0.11 | 65.92 |
| 84 | 1 | j | 0.31 | 10.73 | 0.03 | -0.00 | 0.09 | -11.46 |
| 84 | 2 | i | 0.38 | 21.31 | 0.04 | -0.00 | -0.14 | 88.89 |
| 84 | 2 | j | 0.38 | 16.98 | 0.04 | -0.00 | 0.11 | -25.95 |
| 84 | 3 | i | 0.10 | 3.48 | 0.02 | -0.00 | -0.06 | 21.27 |
| 84 | 3 | j | 0.10 | -0.85 | 0.02 | -0.00 | 0.05 | 13.41 |
| 83 | 1 | i | -0.00 | -11.38 | 0.11 | 0.00 | -0.34 | 0.01 |
| 83 | 1 | j | -0.00 | -14.99 | 0.11 | 0.00 | 0.19 | 65.91 |
| 83 | 2 | i | -0.01 | -15.97 | 0.13 | 0.01 | -0.43 | 0.01 |
| 83 | 2 | j | -0.01 | -19.58 | 0.13 | 0.01 | 0.24 | 88.89 |
| 83 | 3 | i | -0.02 | -2.45 | 0.04 | -0.00 | -0.14 | -0.00 |
| 83 | 3 | j | -0.02 | -6.06 | 0.04 | -0.00 | 0.08 | 21.28 |
| 78 | 1 | i | 0.01 | 33.90 | -0.04 | 0.01 | 0.14 | 151.34 |
| 78 | 1 | j | 0.01 | 26.64 | -0.04 | 0.01 | -0.05 | 0.00 |
| 78 | 2 | i | 0.01 | 43.22 | -0.06 | 0.01 | 0.20 | 198.59 |
| 78 | 2 | j | 0.01 | 36.21 | -0.06 | 0.01 | -0.07 | 0.00 |
| 78 | 3 | i | 0.01 | 14.79 | -0.01 | -0.00 | 0.03 | 56.46 |
| 78 | 3 | j | 0.01 | 7.79 | -0.01 | -0.00 | -0.01 | 0.00 |
| 75 | 1 | i | 4.20 | -26.25 | 0.05 | 0.00 | -0.12 | -53.93 |
| 75 | 1 | j | 4.20 | -34.96 | 0.05 | 0.00 | 0.17 | 129.72 |
| 75 | 2 | i | 4.99 | -38.90 | 0.07 | -0.00 | -0.17 | -85.43 |
| 75 | 2 | j | 4.99 | -47.31 | 0.07 | -0.00 | 0.23 | 173.18 |
| 75 | 3 | i | 2.50 | -2.55 | 0.01 | 0.01 | -0.01 | 3.18 |
| 75 | 3 | j | 2.50 | -10.96 | 0.01 | 0.01 | 0.06 | 43.70 |
| 73 | 1 | i | 4.20 | 25.86 | -0.01 | 0.00 | 0.00 | 75.11 |
| 73 | 1 | j | 4.20 | 17.15 | -0.01 | 0.00 | -0.03 | -53.93 |
| 73 | 2 | i | 5.00 | 36.73 | -0.02 | 0.01 | 0.06 | 109.70 |
| 73 | 2 | j | 5.00 | 28.32 | -0.02 | 0.01 | -0.09 | -85.43 |
| 73 | 3 | i | 2.26 | 5.49 | 0.02 | -0.00 | -0.09 | 10.86 |
| 73 | 3 | j | 2.26 | -2.92 | 0.02 | -0.00 | 0.06 | 3.18 |
| 72 | 1 | i | 3.55 | -23.56 | 0.04 | 0.00 | -0.10 | -88.69 |
| 72 | 1 | j | 3.55 | -32.27 | 0.04 | 0.00 | 0.14 | 78.80 |
| 72 | 2 | i | 4.23 | -36.29 | 0.06 | -0.00 | -0.16 | -128.40 |
| 72 | 2 | j | 4.23 | -44.70 | 0.06 | -0.00 | 0.20 | 114.58 |
| 72 | 3 | i | 2.09 | -0.16 | 0.00 | 0.01 | 0.00 | -14.07 |
| 72 | 3 | j | 2.09 | -8.57 | 0.00 | 0.01 | 0.02 | 12.14 |
| 71 | 1 | i | 3.57 | 29.31 | -0.00 | -0.00 | 0.00 | 61.04 |
| 71 | 1 | j | 3.57 | 20.60 | -0.00 | -0.00 | -0.02 | -88.69 |
| 71 | 2 | i | 4.26 | 40.40 | -0.03 | 0.00 | 0.07 | 88.79 |
| 71 | 2 | j | 4.26 | 31.99 | -0.03 | 0.00 | -0.08 | -128.40 |
| 71 | 3 | i | 1.85 | 8.01 | 0.03 | -0.01 | -0.10 | 8.76 |
| 71 | 3 | j | 1.85 | -0.40 | 0.03 | -0.01 | 0.07 | -14.07 |
| 70 | 1 | i | 5.74 | -8.60 | 0.06 | -0.01 | -0.13 | -30.58 |
| 70 | 1 | j | 5.74 | -17.31 | 0.06 | -0.01 | 0.21 | 47.15 |
| 70 | 2 | i | 7.04 | -16.42 | 0.09 | -0.01 | -0.21 | -52.53 |
| 70 | 2 | j | 7.04 | -24.82 | 0.09 | -0.01 | 0.32 | 71.20 |
| 70 | 3 | i | 3.03 | 5.34 | 0.00 | 0.00 | 0.00 | 9.15 |
| 70 | 3 | j | 3.03 | -3.07 | 0.00 | 0.00 | 0.03 | 2.33 |
| 69 | 1 | i | 5.54 | 43.70 | 0.03 | 0.00 | -0.16 | 205.48 |
| 69 | 1 | j | 5.54 | 34.99 | 0.03 | 0.00 | 0.03 | -30.58 |
| 69 | 2 | i | 6.85 | 59.36 | 0.03 | 0.01 | -0.16 | 278.40 |
| 69 | 2 | j | 6.85 | 50.95 | 0.03 | 0.01 | 0.01 | -52.53 |
| 69 | 3 | i | 2.85 | 13.57 | 0.04 | -0.01 | -0.14 | 65.35 |
| 69 | 3 | j | 2.85 | 5.16 | 0.04 | -0.01 | 0.08 | 9.15 |
| 68 | 1 | i | -1.49 | -45.78 | -0.06 | 0.01 | 0.18 | -0.01 |
| 68 | 1 | j | -1.49 | -53.04 | -0.06 | 0.01 | -0.10 | 247.03 |
| 68 | 2 | i | -2.51 | -63.17 | -0.05 | 0.01 | 0.15 | -0.01 |
| 68 | 2 | j | -2.51 | -70.17 | -0.05 | 0.01 | -0.08 | 333.34 |
| 68 | 3 | i | 0.29 | -12.68 | -0.07 | -0.00 | 0.20 | -0.00 |
| 68 | 3 | j | 0.29 | -19.69 | -0.07 | -0.00 | -0.14 | 80.94 |
| 67 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 67 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | 3 | i | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 66 | 3 | j | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | 1 | i | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | 1 | j | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | 2 | i | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | 2 | j | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | 3 | i | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65 | 3 | j | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 64 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 63 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | 1 | i | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | 1 | j | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | 2 | i | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | 2 | j | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | 3 | i | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 62 | 3 | j | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | 1 | i | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | 1 | j | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | 2 | i | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | 2 | j | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | 3 | i | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61 | 3 | j | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | 3 | i | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 59 | 3 | j | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | 1 | i | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | 1 | j | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | 2 | i | 0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | 2 | j | 0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 58 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | 3 | i | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57 | 3 | j | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | 1 | i | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | 1 | j | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | 2 | i | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | 2 | j | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | 3 | i | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 55 | 3 | j | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | 1 | i | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | 1 | j | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | 2 | i | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | 2 | j | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 54 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | 1 | i | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | 1 | j | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | 2 | i | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | 2 | j | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | 3 | i | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 | 3 | j | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | 1 | i | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | 1 | j | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | 2 | i | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | 2 | j | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | 3 | i | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 51 | 3 | j | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 49 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | 1 | i | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | 1 | j | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | 2 | i | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | 2 | j | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | 3 | i | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 | 3 | j | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | 1 | i | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | 1 | j | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | 2 | i | 0.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | 2 | j | 0.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | 3 | i | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46 | 3 | j | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 45 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | 1 | i | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | 1 | j | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | 2 | i | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | 2 | j | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | 3 | i | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 | 3 | j | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | 1 | i | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | 1 | j | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | 2 | i | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | 2 | j | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | 3 | i | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 43 | 3 | j | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 41 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 1 | i | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 1 | j | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 2 | i | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 2 | j | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 3 | i | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | 3 | j | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | 1 | i | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | 1 | j | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | 2 | i | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | 2 | j | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | 3 | i | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 38 | 3 | j | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 37 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | 1 | i | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | 1 | j | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | 2 | i | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | 2 | j | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | 3 | i | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36 | 3 | j | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | 1 | i | 0.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | 1 | j | 0.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | 2 | i | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | 2 | j | 1.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | 3 | i | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 35 | 3 | j | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | 1 | i | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | 1 | j | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | 2 | i | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | 2 | j | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | 3 | i | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 32 | 3 | j | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 1 | i | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 1 | j | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 2 | i | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 2 | j | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 3 | i | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 3 | j | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 1 | i | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 1 | j | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 2 | i | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 2 | j | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 1 | i | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 1 | j | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 3 | i | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 3 | j | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 1 | i | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 1 | j | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 2 | i | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 2 | j | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 3 | i | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 3 | j | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 1 | i | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 1 | j | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 2 | i | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 2 | j | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 3 | i | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 3 | j | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 1 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 1 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 2 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 2 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 3 | i | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 3 | j | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 1 | i | -0.80 | 33.87 | 0.00 | -0.01 | -0.01 | 151.19 |
| 23 | 1 | j | -0.80 | 26.61 | 0.00 | -0.01 | 0.01 | 0.00 |
| 23 | 2 | i | -0.90 | 43.19 | 0.02 | -0.01 | -0.06 | 198.42 |
| 23 | 2 | j | -0.90 | 36.18 | 0.02 | -0.01 | 0.02 | 0.00 |
| 23 | 3 | i | -0.57 | 14.77 | -0.02 | 0.00 | 0.06 | 56.33 |
| 23 | 3 | j | -0.57 | 7.76 | -0.02 | 0.00 | -0.02 | 0.00 |
| 22 | 1 | i | 2.36 | -26.79 | 0.00 | -0.00 | 0.02 | -55.17 |
| 22 | 1 | j | 2.36 | -35.50 | 0.00 | -0.00 | 0.03 | 131.70 |
| 22 | 2 | i | 2.70 | -39.59 | -0.01 | 0.00 | 0.07 | -87.26 |
| 22 | 2 | j | 2.70 | -48.00 | -0.01 | 0.00 | -0.01 | 175.49 |
| 22 | 3 | i | 1.42 | -2.79 | 0.03 | -0.01 | -0.06 | 2.98 |
| 22 | 3 | j | 1.42 | -11.20 | 0.03 | -0.01 | 0.10 | 44.95 |
| 21 | 1 | i | 2.33 | 25.32 | 0.04 | -0.00 | -0.13 | 70.62 |
| 21 | 1 | j | 2.33 | 16.61 | 0.04 | -0.00 | 0.10 | -55.17 |
| 21 | 2 | i | 2.66 | 36.04 | 0.06 | -0.00 | -0.20 | 103.73 |
| 21 | 2 | j | 2.66 | 27.63 | 0.06 | -0.00 | 0.17 | -87.26 |
| 21 | 3 | i | 1.43 | 5.24 | 0.00 | 0.00 | -0.02 | 9.16 |
| 21 | 3 | j | 1.43 | -3.17 | 0.00 | 0.00 | 0.00 | 2.98 |
| 20 | 1 | i | 1.58 | -21.97 | 0.00 | 0.00 | 0.01 | -83.09 |
| 20 | 1 | j | 1.58 | -30.68 | 0.00 | 0.00 | 0.03 | 74.88 |
| 20 | 2 | i | 1.68 | -34.01 | -0.01 | 0.00 | 0.06 | -120.48 |
| 20 | 2 | j | 1.68 | -42.42 | -0.01 | 0.00 | -0.02 | 108.78 |
| 20 | 3 | i | 1.00 | 0.16 | 0.03 | -0.01 | -0.07 | -12.70 |
| 20 | 3 | j | 1.00 | -8.25 | 0.03 | -0.01 | 0.10 | 11.55 |
| 19 | 1 | i | 1.55 | 30.89 | 0.04 | -0.00 | -0.13 | 76.13 |
| 19 | 1 | j | 1.55 | 22.18 | 0.04 | -0.00 | 0.11 | -83.09 |
| 19 | 2 | i | 1.65 | 42.68 | 0.06 | -0.00 | -0.19 | 110.35 |
| 19 | 2 | j | 1.65 | 34.27 | 0.06 | -0.00 | 0.17 | -120.48 |
| 19 | 3 | i | 1.17 | 8.35 | 0.00 | 0.01 | -0.02 | 12.17 |
| 19 | 3 | j | 1.17 | -0.06 | 0.00 | 0.01 | -0.00 | -12.70 |
| 18 | 1 | i | 2.84 | -16.57 | 0.02 | 0.00 | -0.02 | -55.59 |
| 18 | 1 | j | 2.84 | -25.28 | 0.02 | 0.00 | 0.11 | 69.98 |
| 18 | 2 | i | 3.23 | -27.61 | 0.02 | 0.00 | 0.01 | -87.86 |
| 18 | 2 | j | 3.23 | -36.02 | 0.02 | 0.00 | 0.11 | 103.05 |
| 18 | 3 | i | 1.82 | 3.25 | 0.03 | -0.00 | -0.07 | 2.89 |
| 18 | 3 | j | 1.82 | -5.16 | 0.03 | -0.00 | 0.10 | 8.64 |
| 17 | 1 | i | 3.14 | 35.68 | 0.07 | 0.00 | -0.27 | 132.34 |
| 17 | 1 | j | 3.14 | 26.97 | 0.07 | 0.00 | 0.17 | -55.59 |
| 17 | 2 | i | 3.56 | 48.19 | 0.10 | -0.00 | -0.38 | 176.05 |
| 17 | 2 | j | 3.56 | 39.78 | 0.10 | -0.00 | 0.25 | -87.86 |
| 17 | 3 | i | 2.05 | 11.33 | 0.02 | 0.01 | -0.07 | 45.64 |
| 17 | 3 | j | 2.05 | 2.92 | 0.02 | 0.01 | 0.02 | 2.89 |
| 16 | 1 | i | 0.02 | -26.30 | -0.03 | 0.00 | 0.02 | 0.00 |
| 16 | 1 | j | 0.02 | -33.56 | -0.03 | 0.00 | -0.12 | 149.65 |
| 16 | 2 | i | 0.03 | -35.76 | -0.04 | 0.01 | 0.04 | 0.00 |
| 16 | 2 | j | 0.03 | -42.76 | -0.04 | 0.01 | -0.17 | 196.30 |
| 16 | 3 | i | 0.01 | -7.67 | -0.01 | -0.00 | 0.00 | 0.00 |
| 16 | 3 | j | 0.01 | -14.68 | -0.01 | -0.00 | -0.03 | 55.88 |
| 15 | 1 | i | -0.37 | 38.06 | 0.04 | 0.00 | -0.14 | 134.63 |
| 15 | 1 | j | -0.37 | 15.80 | 0.04 | 0.00 | 0.05 | 0.00 |
| 15 | 2 | i | -0.35 | 51.89 | 0.05 | -0.00 | -0.18 | 173.24 |
| 15 | 2 | j | -0.35 | 17.40 | 0.05 | -0.00 | 0.06 | 0.00 |
| 15 | 3 | i | -0.45 | 11.30 | 0.02 | 0.00 | -0.08 | 56.66 |
| 15 | 3 | j | -0.45 | 11.36 | 0.02 | 0.00 | 0.03 | 0.00 |
| 8 | 1 | i | -176.11 | -12.38 | -2.99 | 0.00 | 17.32 | -71.15 |
| 8 | 1 | j | -189.40 | -12.38 | -2.99 | 0.00 | -8.09 | 34.08 |
| 8 | 2 | i | -243.86 | -20.94 | -3.50 | 0.00 | 20.27 | -120.25 |
| 8 | 2 | j | -257.15 | -20.94 | -3.50 | 0.00 | -9.46 | 57.70 |
| 8 | 3 | i | -46.64 | 2.66 | -1.77 | 0.00 | 10.25 | 15.17 |
| 8 | 3 | j | -59.93 | 2.66 | -1.77 | 0.00 | -4.79 | -7.44 |
| 7 | 1 | i | -209.70 | 11.64 | -7.14 | 0.00 | 41.56 | 65.22 |
| 7 | 1 | j | -223.00 | 11.64 | -7.14 | 0.00 | -19.15 | -33.73 |
| 7 | 2 | i | -291.11 | 20.00 | -9.48 | 0.00 | 54.96 | 112.13 |
| 7 | 2 | j | -304.41 | 20.00 | -9.48 | 0.00 | -25.64 | -57.86 |
| 7 | 3 | i | -55.43 | -3.05 | -2.62 | 0.00 | 15.59 | -17.24 |
| 7 | 3 | j | -68.73 | -3.05 | -2.62 | 0.00 | -6.67 | 8.68 |
| 6 | 1 | i | -158.24 | -9.78 | 1.15 | 0.00 | -6.16 | -55.78 |
| 6 | 1 | j | -171.54 | -9.78 | 1.15 | 0.00 | 3.63 | 27.38 |
| 6 | 2 | i | -230.33 | -19.25 | 1.37 | 0.00 | -7.30 | -109.63 |
| 6 | 2 | j | -243.63 | -19.25 | 1.37 | 0.00 | 4.30 | 53.95 |
| 6 | 3 | i | -24.21 | 6.37 | 0.66 | 0.00 | -3.52 | 36.15 |
| 6 | 3 | j | -37.51 | 6.37 | 0.66 | 0.00 | 2.08 | -17.97 |
| 5 | 1 | i | -146.56 | 10.48 | 2.64 | 0.00 | -13.89 | 59.23 |
| 5 | 1 | j | -159.86 | 10.48 | 2.64 | 0.00 | 8.54 | -29.82 |
| 5 | 2 | i | -213.83 | 20.29 | 3.32 | -0.00 | -17.60 | 114.78 |
| 5 | 2 | j | -227.12 | 20.29 | 3.32 | -0.00 | 10.59 | -57.65 |
| 5 | 3 | i | -21.28 | -6.30 | 1.27 | 0.00 | -6.43 | -35.76 |
| 5 | 3 | j | -34.58 | -6.30 | 1.27 | 0.00 | 4.32 | 17.79 |
| 4 | 1 | i | -158.05 | -9.77 | -0.69 | 0.00 | 4.26 | -55.61 |
| 4 | 1 | j | -171.35 | -9.77 | -0.69 | 0.00 | -1.60 | 27.43 |
| 4 | 2 | i | -230.02 | -19.23 | -0.82 | 0.00 | 5.05 | -109.33 |
| 4 | 2 | j | -243.31 | -19.23 | -0.82 | 0.00 | -1.89 | 54.10 |
| 4 | 3 | i | -24.25 | 6.37 | -0.39 | 0.00 | 2.39 | 36.10 |
| 4 | 3 | j | -37.54 | 6.37 | -0.39 | 0.00 | -0.89 | -18.09 |
| 3 | 1 | i | -160.71 | 9.82 | -0.47 | 0.00 | 3.69 | 55.59 |
| 3 | 1 | j | -174.01 | 9.82 | -0.47 | 0.00 | -0.28 | -27.87 |
| 3 | 2 | i | -233.74 | 19.26 | -0.65 | 0.00 | 4.88 | 109.18 |
| 3 | 2 | j | -247.03 | 19.26 | -0.65 | 0.00 | -0.68 | -54.57 |
| 3 | 3 | i | -24.97 | -6.31 | -0.10 | 0.00 | 1.28 | -35.90 |
| 3 | 3 | j | -38.27 | -6.31 | -0.10 | 0.00 | 0.46 | 17.72 |
| 2 | 1 | i | -176.96 | -13.18 | 3.50 | 0.00 | -19.49 | -74.99 |
| 2 | 1 | j | -190.26 | -13.18 | 3.50 | 0.00 | 10.27 | 37.04 |
| 2 | 2 | i | -245.22 | -22.25 | 4.12 | 0.00 | -22.95 | -126.43 |
| 2 | 2 | j | -258.52 | -22.25 | 4.12 | 0.00 | 12.09 | 62.71 |
| 2 | 3 | i | -46.57 | 2.78 | 2.04 | 0.00 | -11.39 | 15.52 |
| 2 | 3 | j | -59.86 | 2.78 | 2.04 | 0.00 | 5.99 | -8.10 |
| 1 | 1 | i | -176.40 | 13.36 | 4.00 | 0.00 | -21.63 | 75.65 |
| 1 | 1 | j | -189.70 | 13.36 | 4.00 | 0.00 | 12.35 | -37.88 |
| 1 | 2 | i | -244.47 | 22.38 | 4.69 | 0.00 | -25.42 | 126.92 |
| 1 | 2 | j | -257.76 | 22.38 | 4.69 | 0.00 | 14.43 | -63.29 |
| 1 | 3 | i | -46.39 | -2.54 | 2.38 | 0.00 | -12.76 | -14.66 |
| 1 | 3 | j | -59.68 | -2.54 | 2.38 | 0.00 | 7.46 | 6.91 |

5、设计结果表

1）非膨胀型

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **单元号** | **火灾持续时间（h）** | **防火材料厚度（mm）** | **构件温度Ts（℃）** | **临界温度Td（临界温度法）** | **应力比（承载力法）** | | |
| **强度** | **2轴稳定** | **3轴稳定** |
| 159 | 0.01 | 0.00 | 20.00 | 630.14 | - | - | - |
| 158 | 0.01 | 0.00 | 20.00 | 649.63 | - | - | - |
| 157 | 0.01 | 0.00 | 20.00 | 630.40 | - | - | - |
| 156 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 155 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 154 | 0.01 | 0.00 | 20.00 | 636.79 | - | - | - |
| 153 | 0.01 | 0.00 | 20.00 | 649.63 | - | - | - |
| 152 | 0.01 | 0.00 | 20.00 | 637.56 | - | - | - |
| 151 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 150 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 149 | 0.01 | 0.00 | 20.00 | 639.66 | - | - | - |
| 148 | 0.01 | 0.00 | 20.00 | 649.63 | - | - | - |
| 147 | 0.01 | 0.00 | 20.00 | 637.42 | - | - | - |
| 146 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 145 | 0.01 | 0.00 | 20.00 | 652.36 | - | - | - |
| 144 | 0.01 | 0.00 | 20.00 | 624.23 | - | - | - |
| 143 | 0.01 | 0.00 | 20.00 | 649.63 | - | - | - |
| 142 | 0.01 | 0.00 | 20.00 | 633.02 | - | - | - |
| 141 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 140 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 139 | 0.01 | 0.00 | 20.00 | 629.03 | - | - | - |
| 138 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 137 | 0.01 | 0.00 | 20.00 | 629.07 | - | - | - |
| 136 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 135 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 134 | 0.01 | 0.00 | 20.00 | 624.22 | - | - | - |
| 133 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 132 | 0.01 | 0.00 | 20.00 | 624.26 | - | - | - |
| 131 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 130 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 129 | 0.01 | 0.00 | 20.00 | 630.17 | - | - | - |
| 128 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 127 | 0.01 | 0.00 | 20.00 | 629.00 | - | - | - |
| 126 | 0.01 | 0.00 | 20.00 | 644.27 | - | - | - |
| 125 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 124 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 123 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 122 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 121 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 120 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 119 | 0.01 | 0.00 | 20.00 | 645.61 | - | - | - |
| 118 | 0.01 | 0.00 | 20.00 | 647.01 | - | - | - |
| 117 | 0.01 | 0.00 | 20.00 | 647.01 | - | - | - |
| 116 | 0.01 | 0.00 | 20.00 | 645.61 | - | - | - |
| 115 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 114 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 113 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 112 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 111 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 110 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 109 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 108 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 107 | 0.01 | 0.00 | 20.00 | 645.61 | - | - | - |
| 106 | 0.01 | 0.00 | 20.00 | 621.18 | - | - | - |
| 105 | 0.01 | 0.00 | 20.00 | 646.69 | - | - | - |
| 104 | 0.01 | 0.00 | 20.00 | 644.94 | - | - | - |
| 103 | 0.01 | 0.00 | 20.00 | 623.28 | - | - | - |
| 102 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 101 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 100 | 0.01 | 0.00 | 20.00 | 646.05 | - | - | - |
| 99 | 0.01 | 0.00 | 20.00 | 647.38 | - | - | - |
| 98 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 97 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 96 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 95 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 94 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 93 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 92 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 91 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 90 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 89 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 88 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 87 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 86 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 85 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 84 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 83 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 78 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 75 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 73 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 72 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 71 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 70 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 69 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 68 | 0.01 | 0.00 | 20.00 | 636.24 | - | - | - |
| 67 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 66 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 65 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 64 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 63 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 62 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 61 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 60 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 59 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 58 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 57 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 56 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 55 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 54 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 53 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 52 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 51 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 50 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 49 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 48 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 47 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 46 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 45 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 44 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 43 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 42 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 41 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 40 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 39 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 38 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 37 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 36 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 35 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 34 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 33 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 32 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 31 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 30 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 29 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 28 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 27 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 26 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 25 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 24 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 23 | 0.01 | 0.00 | 20.00 | 652.36 | - | - | - |
| 22 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 21 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 20 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 19 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 18 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 17 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 16 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 15 | 0.01 | 0.00 | 20.00 | 663.00 | - | - | - |
| 8 | 2.50 | 27.00 | 640.00 | 650.57 | - | - | - |
| 7 | 2.50 | 27.00 | 640.00 | 650.46 | - | - | - |
| 6 | 2.50 | 27.00 | 640.00 | 650.42 | - | - | - |
| 5 | 2.50 | 27.00 | 640.00 | 650.42 | - | - | - |
| 4 | 2.50 | 27.00 | 640.00 | 650.42 | - | - | - |
| 3 | 2.50 | 27.00 | 640.00 | 650.42 | - | - | - |
| 2 | 2.50 | 27.00 | 640.00 | 650.57 | - | - | - |
| 1 | 2.50 | 27.00 | 640.00 | 650.57 | - | - | - |