|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Damping Ratio | Settling Time | Rise Time | % Overshoot | Frequency of Oscillation |
| 0 | N/A | N/A | 100 | 2 |
| 0.1 | 19.2 | 0.556 | 72.9 | 1.99 |
| 0.3 | 5.62 | 0.664 | 37.2 | 1.91 |
| 0.5 | 4.04 | 0.824 | 16.3 | 1.73 |
| 0.7 | 2.99 | 1.07 | 4.6 | 1.43 |
| 1 | 2.92 | 1.68 | 0 | 0 |