|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Voltage Supplied (V) | Max Forearm Speed (rad/s) | Overshoot (deg) | Oscillation Amplitude (deg) | %Overshoot | Settling Time (s) | Damping Ratio | Natural Frequency (rad/s) |
| 12 | -1.8460 | -0.0911 | -0.0940 | 0.2059 | 0.0585 | 0.8991 | 91.5598 |
| 14 | -2.3600 | -0.3501 | -0.3764 | 0.7993 | 0.1584 | 0.8458 | 33.4168 |
| 16 | -3.0220 | -0.7173 | -0.7357 | 1.4187 | 0.1427 | 0.8048 | 36.7994 |
| 18 | -3.4180 | -0.9626 | -1.0055 | 1.9321 | 0.1256 | 0.7827 | 41.2393 |
| 20 | -3.4075 | -0.2664 | -0.2808 | 0.5304 | 0.0586 | 0.8643 | 109.6748 |

Higher Frequency