

time in seconds	angular speed in rad/s
18.67	1.160208813
17.98	1.315872574
17.32	1.480085713
16.02	1.869928136
15.54	2.037859516
15.01	2.240278078
14.93	2.275272897
14.12	2.634780825
13.2	3.101854009
12.95	3.228443072
12.75	3.350132844
12.1	3.788613041
11.95	3.880639657
11.12	4.519493816
10.95	4.659928012
10.22	5.314293089
9.84	5.685391555
9.06	6.548264155
8.78	6.886754989
8.12	7.755482402
7.56	8.571990763
7.02	9.443248106
6.32	10.72309686
6.11	11.17411564
5.67	12.02514651
5.19	13.14182642
4.85	13.80457419
4.06	15.95863401