

Frequency (Hz)	Angular velocity (rad/s)	Integrator					Derivator				
		Magnitude (V/V)	Magnitude (dB)	Phase (°)	Input (Vpp)	Output (Vpp)	Magnitude (V/V)	Magnitude (dB)	Phase (°)	Input (Vpp)	Output (Vpp)
<b>1</b>	<b>6,28</b>	<b>10,398</b>	<b>20,339</b>	<b>180</b>	<b>2,01</b>	<b>20,9</b>	-	-	-	<b>2,07</b>	-
5	31,42	10,200	20,172	180	2	20,4	-	-	-	2,07	-
<b>10</b>	<b>62,83</b>	<b>10,303</b>	<b>20,259</b>	<b>177</b>	<b>1,98</b>	<b>20,4</b>	<b>0,071</b>	<b>-23,036</b>	-	<b>2</b>	<b>0,141</b>
15	94,25	10,305	20,261	176	1,97	20,3	0,087	-21,260	-95	2	0,173
30	188,50	10,253	20,217	177	1,98	20,3	0,158	-16,027	-93	2	0,316
50	314,16	10,457	20,388	178	1,97	20,6	0,246	-12,181	-95	2	0,492
75	471,24	10,300	20,257	174	2	20,6	0,276	-11,182	-94	2	0,552
<b>100</b>	<b>628,32</b>	<b>10,300</b>	<b>20,257</b>	<b>174</b>	<b>2</b>	<b>20,6</b>	<b>0,402</b>	<b>-7,915</b>	<b>-94</b>	<b>2</b>	<b>0,804</b>
200	1256,64	10,150	20,129	172	2	20,3	1,269	2,067	-98	2,01	2,55
300	1884,96	9,850	19,869	164	2	19,7	1,751	4,867	-97	2,01	3,52
400	2513,27	9,600	19,645	161	2	19,2	2,157	6,676	-103	2,04	4,4
500	3141,59	9,300	19,370	155	2	18,6	2,667	8,519	-108	2,01	5,36
750	4712,39	8,400	18,486	145	2	16,8	3,801	11,598	-112	2,01	7,64
<b>1000</b>	<b>6283,19</b>	<b>7,600</b>	<b>17,616</b>	<b>138</b>	<b>2</b>	<b>15,2</b>	<b>4,816</b>	<b>13,654</b>	<b>-119</b>	<b>2,01</b>	<b>9,68</b>
1100	6911,50	7,059	16,975	135	2,04	14,4	5,200	14,320	-120	2	10,4
1500	9424,78	5,909	15,430	125	1,98	11,7	6,500	16,258	-130	2	13
1750	10995,57	5,431	14,698	120	1,97	10,7	7,050	16,964	-135	2	14,1
2000	12566,37	4,864	13,739	116	1,98	9,63	7,426	17,415	-139	2,02	15
5000	31415,93	2,182	6,776	104	1,98	4,32	10,505	20,428	-159	1,98	20,8
7500	47123,89	1,492	3,478	99	1,97	2,94	10,600	20,506	-164	2	21,2
<b>10000</b>	<b>62831,85</b>	<b>1,127</b>	<b>1,038</b>	<b>97</b>	<b>1,97</b>	<b>2,22</b>	<b>10,650</b>	<b>20,547</b>	<b>-172</b>	<b>2</b>	<b>21,3</b>
12000	75398,22	0,949	-0,450	96	1,98	1,88	10,812	20,678	-174	1,97	21,3
15000	94247,78	0,778	-2,183	94	1,98	1,54	10,758	20,634	-177	1,98	21,3
18000	113097,34	0,646	-3,789	93	1,98	1,28	10,914	20,759	-179	1,97	21,5
20000	125663,71	0,579	-4,751	92	1,97	1,14	10,758	20,634	-180	1,98	21,3
30000	188495,56	0,390	-8,180	91	1,99	0,776	10,650	20,547	-187	2	21,3
50000	314159,27	0,248	-12,128	91	2,02	0,5	10,450	20,382	-194	2	20,9
75000	471238,90	0,153	-16,280	91	2,02	0,31	9,902	19,914	-202	2,04	20,2
<b>100000</b>	<b>628318,53</b>	<b>0,119</b>	<b>-18,503</b>	<b>90</b>	<b>2,02</b>	<b>0,24</b>	<b>9,657</b>	<b>19,697</b>	<b>-211</b>	<b>2,04</b>	<b>19,7</b>