

5.5 Recommended Motors

Part Number	Holding Torque		Current Setting	Resistance	Inductance	Inertia
	Number	oz-in				
HT11-012/212	7.0	0.50	1.2	1.4	1.4	8
HT11-013/213	15.0	1.08	1.2	2.0	2.6	18
5014-042/842	26.0	1.87	1.2	4.3	5.5	20
HT17-068/268 #	31.4	2.26	1.6	2.1	2.8	35
HT17-071/271 #	51.0	3.67	2.0	1.7	3.6	54
HT17-075/275 #	62.8	4.52	2.0	1.7	3.0	68
HT23-394/594 #	76.6	5.52	3.4	0.7	1.4	120
HT23-398/598 #	177	12.7	5.0	0.4	1.2	300
HT23-401/601 #	264	19.0	5.0	0.5	1.6	480
HT23-603	354	25.48	6.0	0.5	2.2	750
HT24-100	123.2	8.87	3.36	0.73	1.6	260
HT24-105	177	12.74	4.8	0.43	1.1	450
HT24-108	354	25.48	4.8	0.65	2.4	900
HT34-486 #	1200	86.4	9.7	0.27	2.2	2680
HT34-487 #	1845	133	10.0	0.27	2.4	4000
HT34-504	396.5	28.55	7.56	0.24	1.7	1100
HT34-505	849.6	61.18	7.56	0.33	2.7	1850
HT34-506	1260	90.75	6.72	0.63	5.4	2750

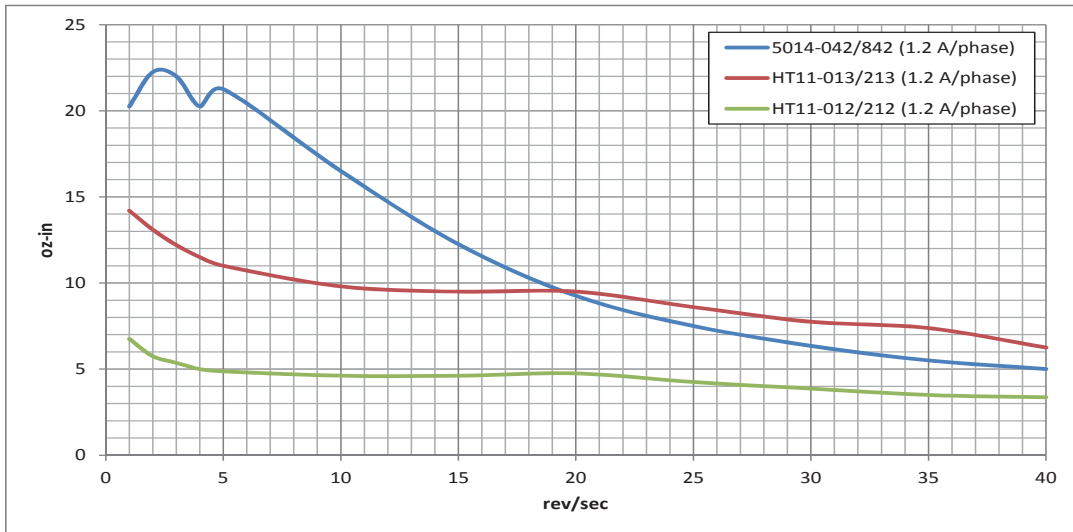
Note: The “Drive Current Setting” shown here differs from the rated current of each motor because the rated current is RMS and the drive current setting is peak sine. If you are using a motor not listed here, for best results set the drive current at the motor’s rated current x 1.2.

Indicates values are with motor connected in Parallel.

5.6 Torque Speed curves

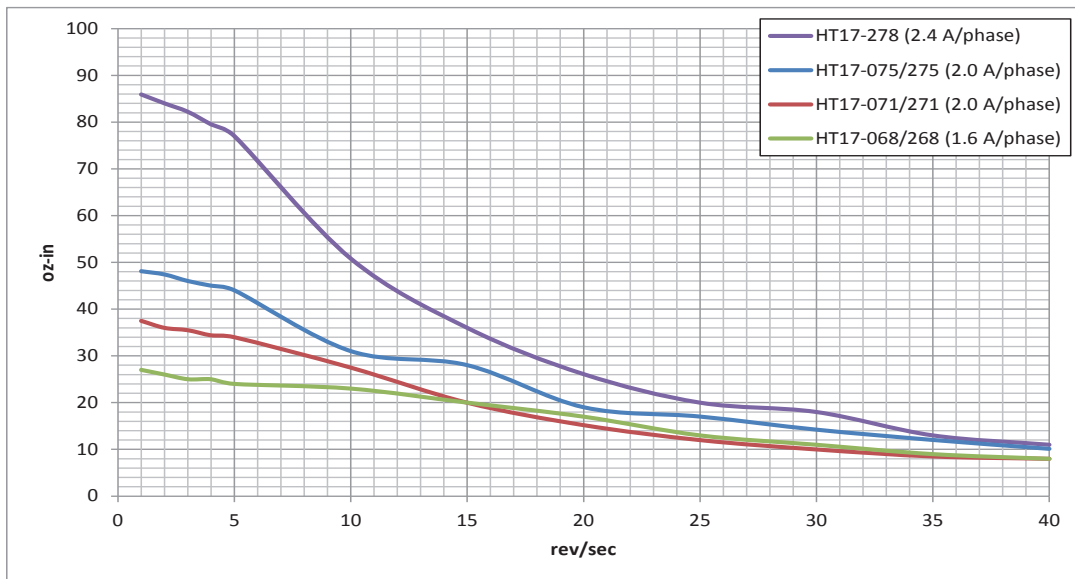
HT11-012/212, HT11-013/213, 5014-042/842

24 VDC power supply, 20000 steps/rev



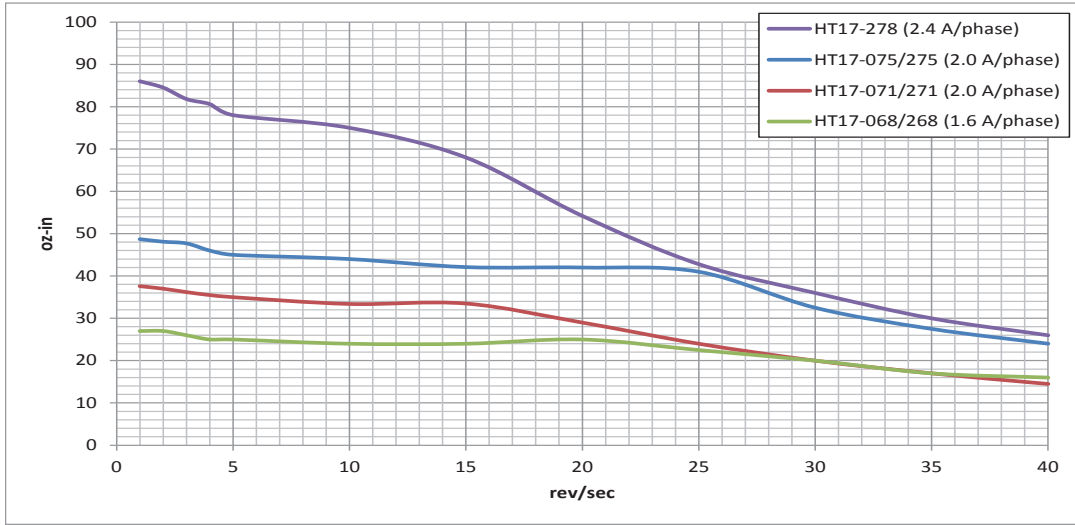
HT17

24 VDC power supply, 20000 steps/rev, all motors connected in parallel



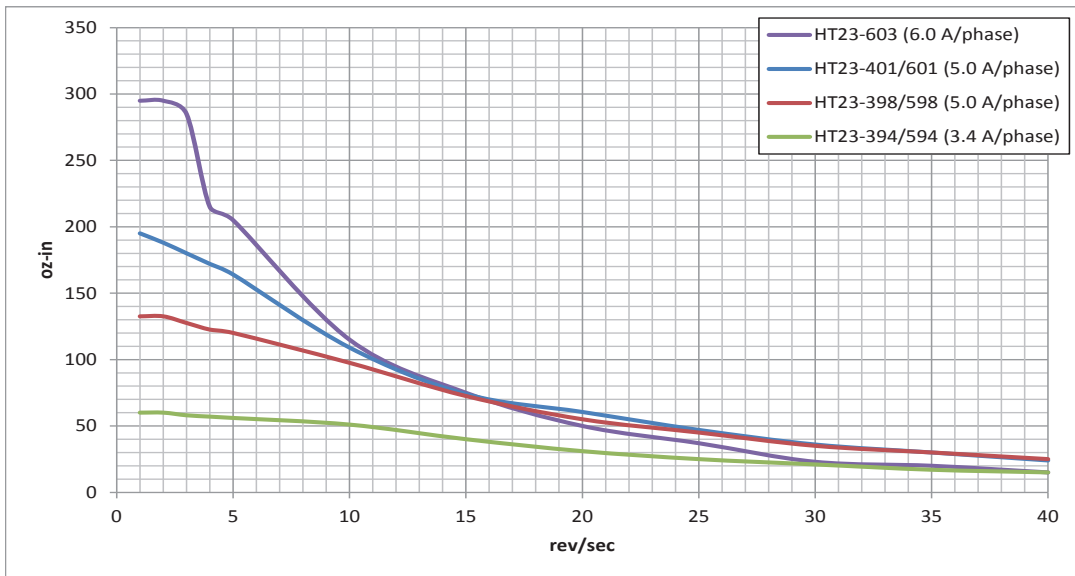
HT17

48 VDC power supply, 20000 steps/rev, all motors connected in parallel



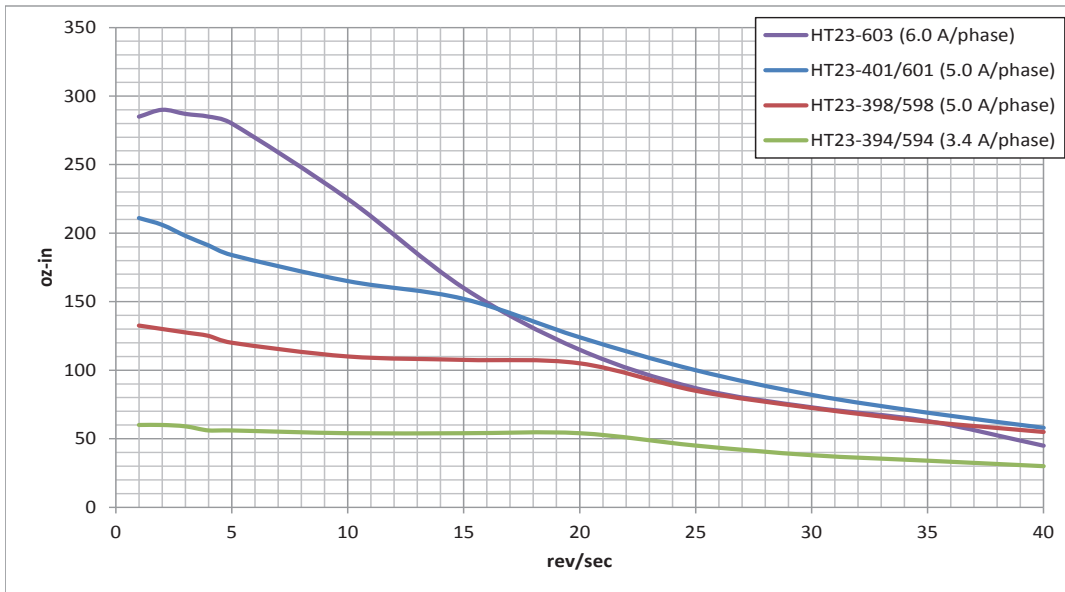
HT23

24 VDC power supply, 20000 steps/rev, all motors connected in parallel



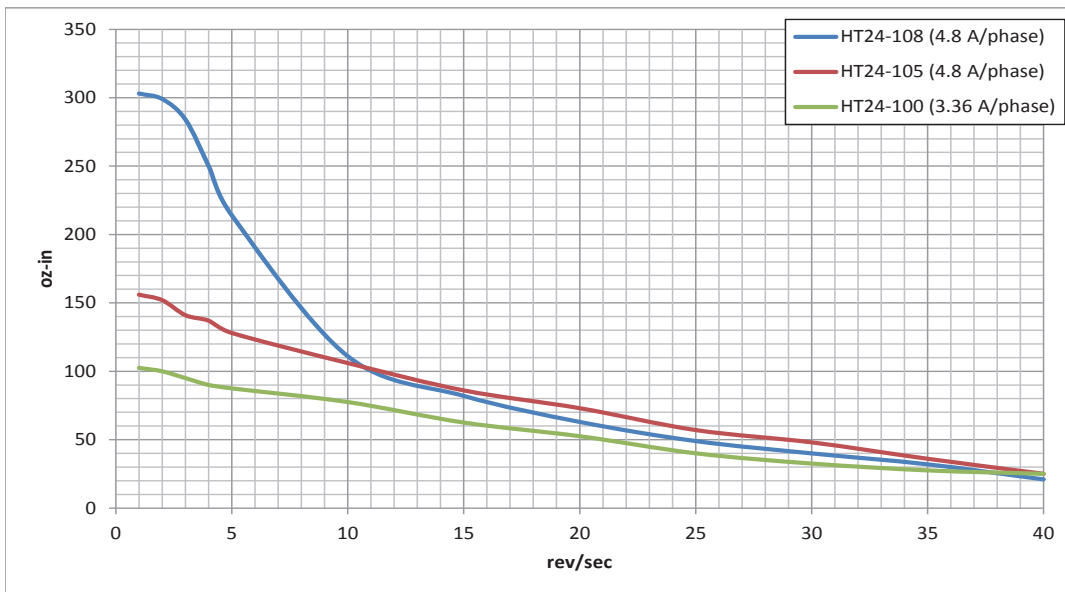
HT23

48 VDC power supply, 20000 steps/rev, all motors connected in parallel



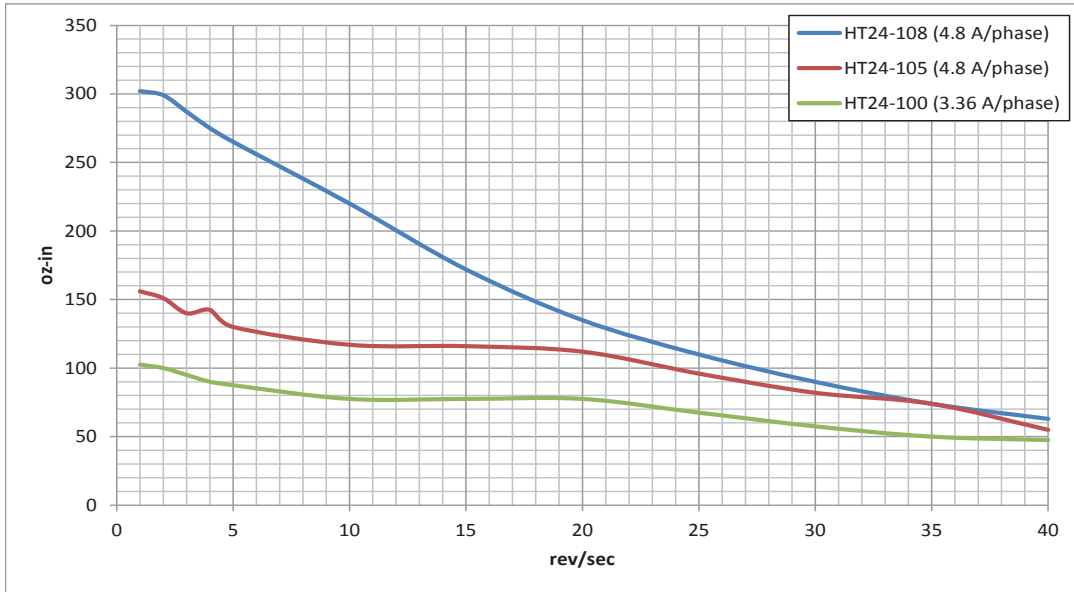
HT24

24 VDC power supply, 20000 steps/rev



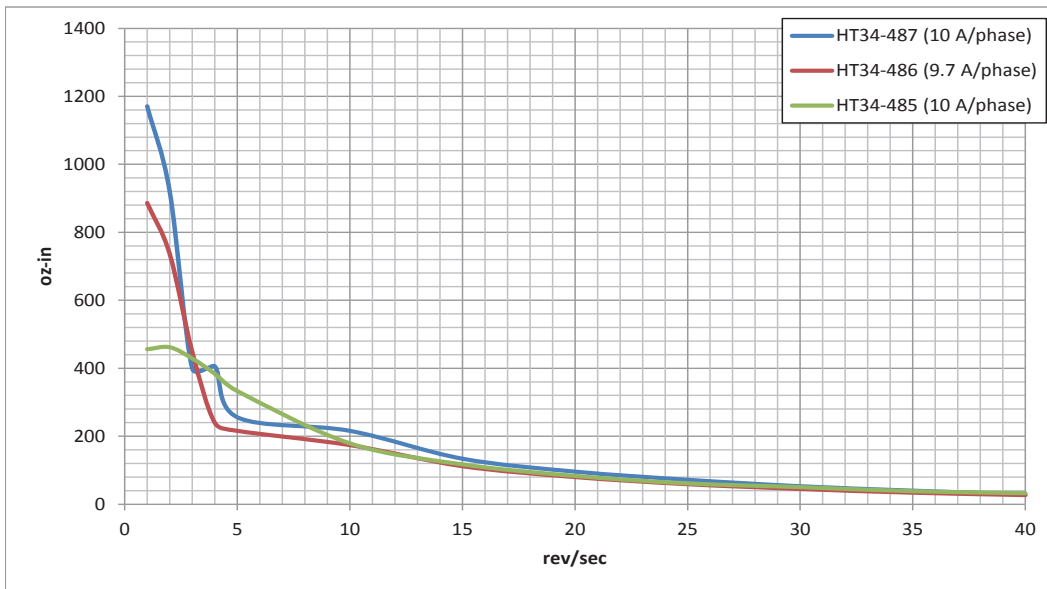
HT24

48 VDC power supply, 20000 steps/rev



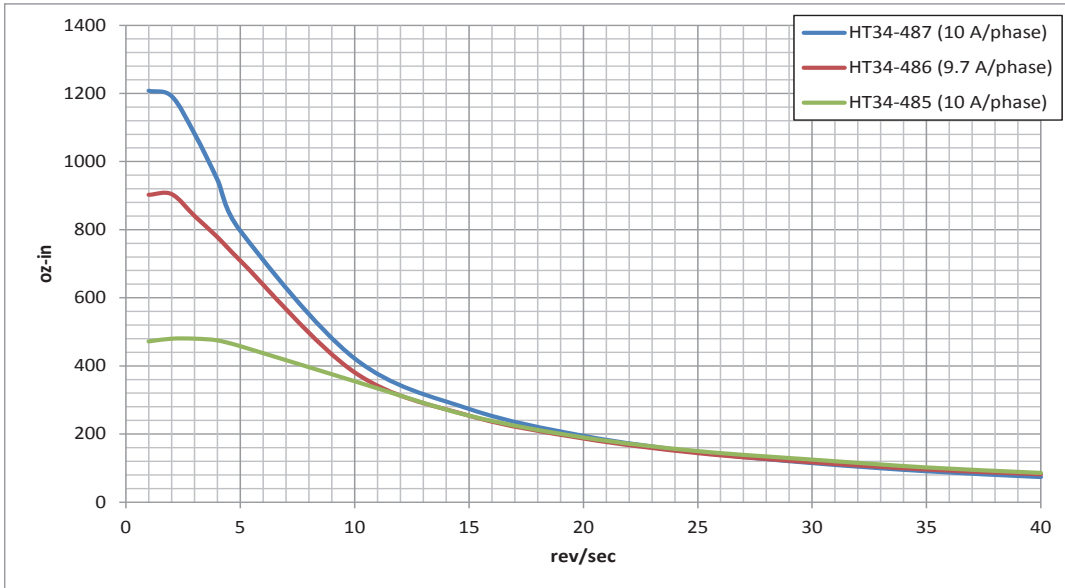
HT34-485/486/487

24 VDC power supply, 20000 steps/rev, all motors connected in parallel



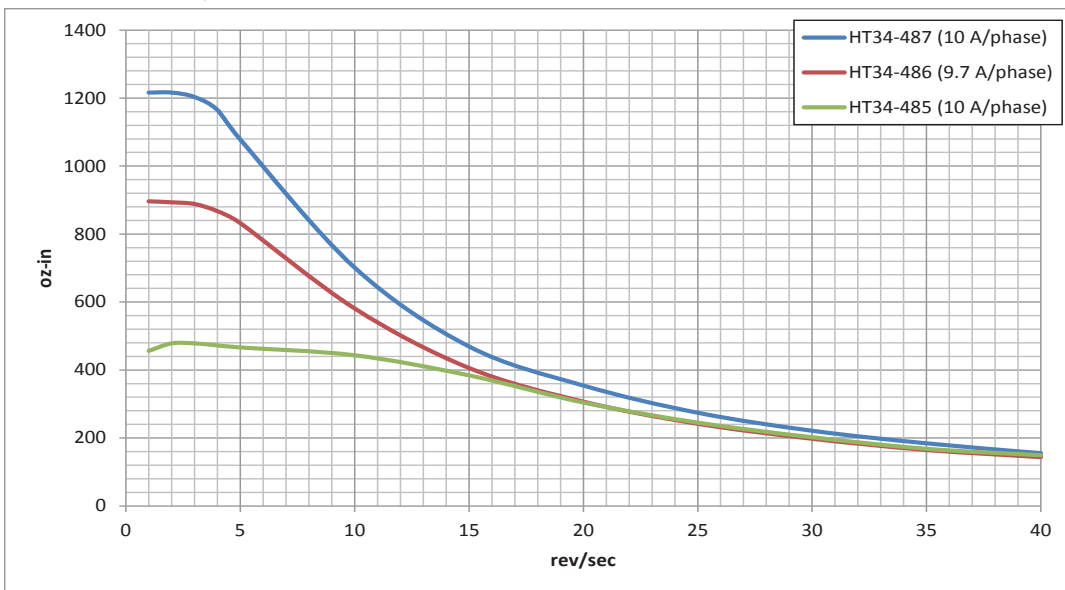
HT34-485/486/487

48 VDC power supply, 20000 steps/rev, all motors connected in parallel



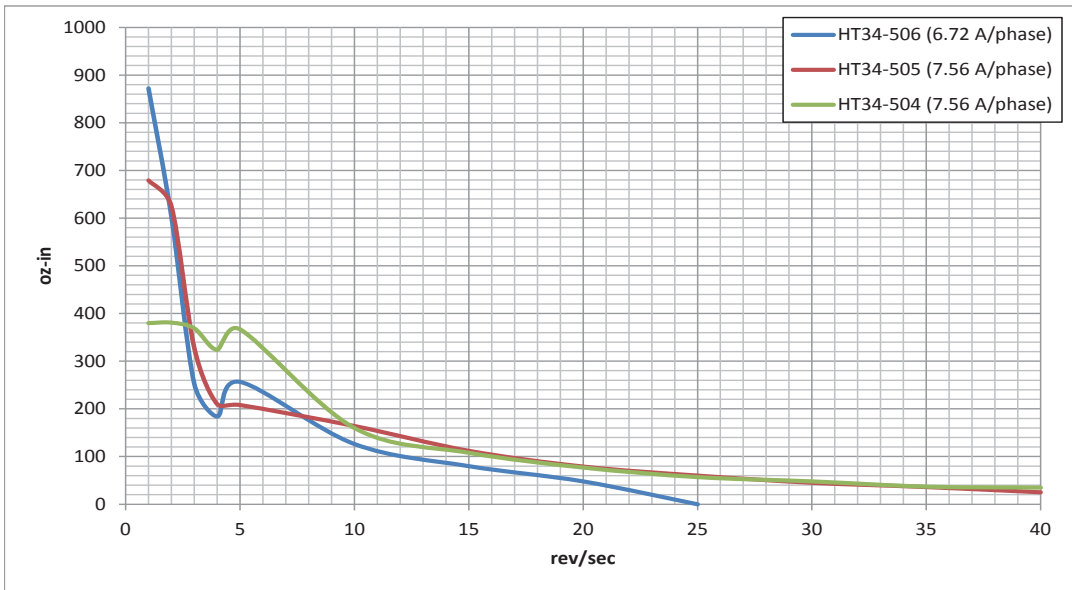
HT34-485/486/487

80 VDC power supply, 20000 steps/rev, all motors connected in parallel



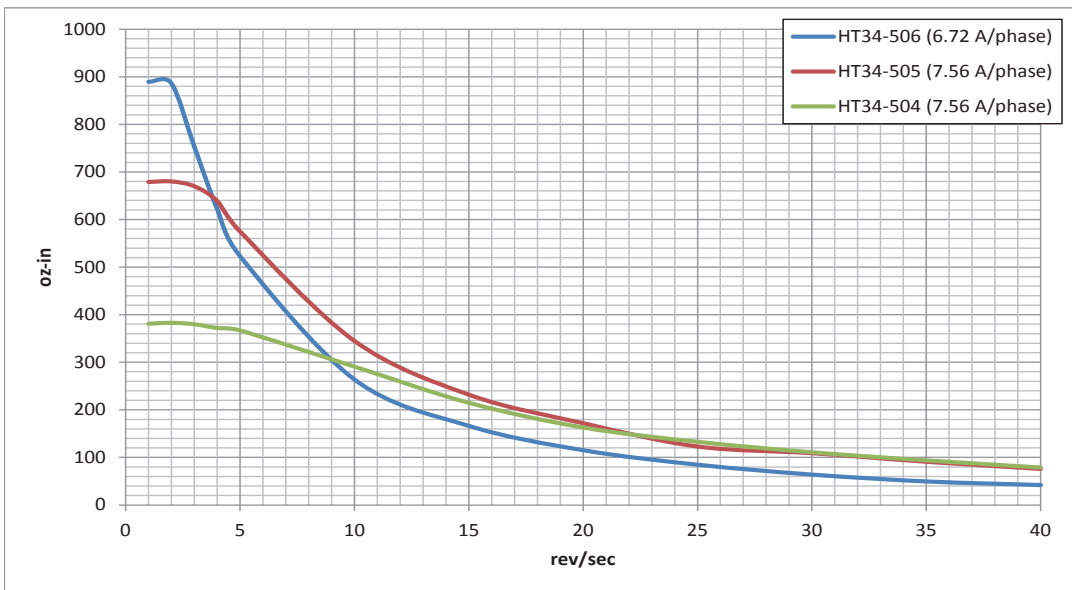
HT34-504/505/506

24 VDC power supply, 20000 steps/rev, all motors connected in parallel



HT34-504/505/506

48 VDC power supply, 20000 steps/rev, all motors connected in parallel



HT34-504/505/506

60 VDC power supply, 20000 steps/rev, all motors connected in parallel

