

TABLE 1 — Exact Ratios for FZK Drives

AGMA * Ratios	Approx. Low Speed Shaft rpm †	DRIVE SIZE										
		1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130
QUADRUPLE REDUCTION												
194.6	9.0	194.8	188.1	193.2	...	...	...	...	...	...	...	...
238.4	7.5	236.7	233.6	238.5	239.1	236.6	244.5	230.2	239.2	233.3	240.0	238.6
291.9	6.0	288.1	281.0	294.8	295.8	292.6	299.7	282.4	300.5	281.5	291.5	289.8
357.5	5.0	346.6	349.5	353.8	359.5	374.4	370.7	346.2	365.0	343.1	355.3	353.2
437.9	4.0	432.4	420.9	429.8	448.5	443.8	448.6	428.3	429.6	423.2	438.2	435.7
536.3	3.2	524.5	528.8	523.8	508.1 *	542.7	538.2	535.2	502.7 *	522.4	541.0	537.9
656.8	2.7	650.7	642.4	646.1	636.7	663.1	656.6	646.7	640.8	642.2	665.0	661.2
804.5	2.2	791.1	755.9 *	797.6	794.4	785.9	794.4	758.6 *	822.5	785.4	801.3	804.9
985.3	1.8	974.8	963.6	980.4	960.8	961.2	953.1	947.8	982.3	966.5	1014	966.0
1207	1.5	1163	1123	1193	1184	1189	1170	1131 *	1261	1182	1221	1164
QUINTUPLE REDUCTION												
1478	1.2	1440	1421	1451	1455	1439	1487	1400	1455	1419	1460	1451
1810	1.0	1753	1709	1793	1799	1780	1823	1718	1828	1713	1773	1763
2215	.81	2108	2126	2152	2187	2278	2255	2106	2221	2087	2161	2149
2715	.66	2631	2561	2615	2729	2700	2779	2606	2613	2574	2666	2651
3325	.54	3191	3217	3186	3091	3302	3274	3256	3058	3178	3291	3272
4075	.44	3958	3908	3931	3873	4034	3994	3934	3898	3907	4045	4022
4990	.36	4813	4599	4852	4833	4781	4833	4615	5003	4778	4874	4897
6110	.30	5930	5862	5964	5845	5848	5798	5766	5976	5880	6166	5877
7480	.24	7077	6832	7258	7200	7236	7118	6882	7670	7191	7430	7081

* Exact ratios conform to AGMA ratios within ±5% for quadruple reduction drives except where noted with an asterisk.

† Based on 1750 rpm input speed.

TABLE 2 — Exact Ratios for FZBK Drives

AGMA * Ratios	Approx. Low Speed Shaft rpm †	DRIVE SIZE									
		1030	1040	1050	1060	1070	1080	1090	1100		
QUINTUPLE REDUCTION											
291.9	6.0	295.6	285.9	293.6	...	...	...	...	...	...	...
357.5	5.0	359.2	355.1	362.5	363.5	359.6	371.2	349.3	366.8	...	...
437.9	4.0	437.1	427.1	448.1	449.6	444.8	455.0	428.5	460.8 *	...	...
536.3	3.2	525.8	531.2	537.8	546.4	569.1 *	563.0	525.2	559.7	...	...
656.8	2.7	656.1	639.8	653.3	681.8	674.5	681.2	649.9	658.7	...	...
804.5	2.2	795.8	803.8	796.2	772.4	825.0	817.2	812.0	770.8	...	...
985.3	1.8	987.3	976.4	982.1	967.8	1008	997.1	981.2	982.5	...	...
1207	1.5	1200	1149	1212	1207	1195	1206	1151	1261	...	...
1478	1.2	1479	1465	1490	1460	1461	1447	1438	1506	...	...
1810	1.0	1765	1707	1814	1799	1808	1777	1716	1933 *	...	...
SEXTUPLE REDUCTION											
2215	.81	2185	2160	2205	2211	2187	2258	2125	2231	...	...
2715	.66	2659	2598	2726	2735	2706	2768	2607	2803 *	...	...
3325	.54	3199	3231	3272	3324	3462 *	3425	3195	3405	...	...
4075	.44	3991	3892	3974	4148	4103	4144	3953	4007	...	...
4990	.36	4841	4889	4843	4969	5019	4971	4940	4689	...	...
6110	.30	6006	5939	5974	5887	6132	6066	5969	5977	...	...
7480	.24	7300	6989	7373	7342	7269	7336	7002	7671	...	...
9160	.20	8997	8912	9064	8882	8888	8802	8748	9161	...	...
11220	.16	10737	10384	11035	10944	10999	10810	10439	11759 *	...	...

* Exact ratios conform to AGMA ratios within ±5% for quintuple and sextuple reduction drives except where noted with an asterisk.

† Based on 1750 rpm input speed.