

Approximate WR² (lb-in²) Referred to Drive High Speed Shaft ^H

Nominal Ratios ^H	DRIVE SIZE									
	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130
Double Reduction										
1.50	23.14	58.17	153.8	289.9	460.4	914.9				
1.84	16.69	41.92	119.0	223.7	351.6	698.5				
2.03	15.43	46.88	111.5	204.6	334.5	764.9				
2.25	12.76	30.65	86.30	169.3	270.5	508.1				
2.49	11.92	34.51	81.47	156.7	259.0	593.9				
2.76	10.76	23.63	60.24	132.4	199.9	360.6				
3.05	10.20	25.79	57.09	123.9	192.1	441.5				
3.38	7.512	17.43	48.31	98.80	179.0	279.0				
3.74	7.123	19.22	46.13	92.90	173.3	315.9				
4.13	5.727	13.39	36.59	79.00	134.2	209.0				
4.57	5.481	16.18	35.11	75.10	130.5	250.1				
5.06	13.30	30.82	73.69	146.3	236.4	544.9	967.8	1,677	2,723	4,841
6.20	10.32	23.98	57.32	118.3	192.9	440.6	718.2	1,155	2,142	3,692
7.59	8.390	18.90	41.18	98.20	147.3	343.9	589.0	926.2	1,699	2,769
9.30	7.912	15.47	35.13	74.93	140.5	250.4	405.8	749.1	1,359	2,283
11.39	5.547	11.90	27.66	63.27	109.4	207.8	331.0	555.1	1,024	1,627
13.95	4.483	9.674	23.94	56.49	91.08	160.8	277.5	476.5	836.1	1,325
17.09	3.348	7.691	19.72	53.20	82.97	141.8	198.9	381.0	660.8	1,103
20.93	2.814	6.273	17.48	43.46	70.16	122.1	171.6	336.1	528.5	861.2
25.63	2.241	4.913	15.80	40.63	65.76	106.9	169.1	291.0	427.2	722.8
31.39	1.967	4.280	15.14	38.07	65.45	95.63	150.5	259.0	357.0	551.1
Triple Reduction										
38.44	2.876	6.638	5.821	11.53	21.05	36.21	67.08	131.7	210.4	291.8
47.08	2.739	6.488	5.318	10.70	16.86	31.83	52.70	97.66	149.0	252.0
57.66	2.659	6.357	4.710	7.222	13.72	25.28	49.17	79.33	122.5	177.3
70.62	2.631	6.240	3.209	5.773	12.54	22.84	39.04	49.30	99.76	142.3
86.50	2.603	6.139	3.060	4.827	8.805	15.63	31.78	40.48	73.09	113.7
105.9	2.574	6.071	2.218	4.178	7.035	14.51	30.72	32.76	50.98	81.38
129.7	1.807	4.233	1.896	3.457	6.697	9.454	16.20	31.08	41.78	56.61
158.9	1.794	4.203	1.708	3.153	6.596	8.972	15.73	24.87	39.57	45.66
194.6	.....	.....	1.678	3.101	.....	7.135	.....	.....	.....	.....
Quadruple Reduction										
194.6	.277	.753	.....	.....	3.486	.....	13.04	22.07	28.10	37.33
238.4	.275	.748	1.977	2.251	2.860	4.045	9.990	18.51	22.61	29.94
291.9	.273	.744	1.641	1.852	2.424	3.640	8.372	23.49	18.48	23.73
357.5	.273	.742	1.390	1.561	2.092	2.961	6.449	20.99	14.86	19.23
437.9	.271	.740	1.181	1.326	2.062	2.491	5.623	9.950	11.47	15.35
536.3	.271	.739	1.032	1.320	2.053	2.136	5.578	9.852	9.826	11.80
656.8	.270	.737	.909	1.034	1.519	1.882	4.954	8.124	9.697	10.05
804.5	.270	.736	.802	.918	1.509	1.865	4.775	7.830	9.000	10.60
985.3	.269	.735	.801	.917	1.506	1.533	4.763	7.801	8.940	9.105

★ Values in this table are approximate. Where accurate figures are required, or for ratios not shown, consult the Factory. WR² referred to the low speed shaft equals (exact total ratio)² times WR² referred to drive high speed shaft.