



**Type AFX & AFH Approximate WR<sup>2</sup> (lb-in<sup>2</sup>) Referred To High Speed Shaft ★ Solid L.S. Shaft Drives**

AGMA Ratios★	DRIVE SIZE					
	273	284	305	326	357	388
<b>Double Reduction</b>						
5.06	59.93	140.7	246.3	490.1	1006	2149
6.20	42.68	98.75	179.5	362.9	751.5	1473
7.59	30.89	65.30	134.9	261.4	558.2	1127
9.30	22.32	50.60	95.57	224.2	381.0	754.9
11.39	16.40	36.76	71.01	161.8	292.0	556.5
13.95	12.46	28.89	57.38	125.7	215.4	437.0
17.09	8.796	20.91	40.45	102.3	179.7	339.3
20.93	6.733	15.73	34.91	85.28	149.1	244.0
25.63	5.107	12.90	29.85	76.16	122.8	214.3
31.39	4.055	10.91	25.80	70.11	108.6	178.4
<b>Triple Reduction</b>						
38.44	3.750	6.821	12.80	22.77	43.81	85.49
47.08	3.461	5.354	9.607	17.45	32.95	66.55
57.66	3.253	4.086	7.442	13.66	24.40	47.42
70.72	3.123	3.287	5.683	9.889	18.32	38.78
86.50	3.027	2.628	4.462	8.073	16.05	29.60
105.9	2.938	2.198	3.792	6.299	14.77	27.61
129.7	2.887	1.820	3.000	5.980	9.241	17.77
158.9	2.850	1.591	2.632	5.757	7.055	16.92
194.6	...	1.553	2.537	5.574	6.690	15.93
<b>Quadruple Reduction</b>						
238.4	...	1.847	2.173	2.630	3.120	11.43
291.9	...	1.511	1.766	2.241	2.960	9.598
357.5	...	1.061	1.244	1.909	2.463	8.335
437.9	...	1.052	1.233	1.881	2.056	6.750
536.3	...	0.636	1.222	1.862	2.000	6.669
656.8	...	0.630	0.770	1.325	1.721	5.903
804.5	...	0.627	0.767	1.316	1.370	5.844
985.3	...	0.626	0.763	1.310	1.352	5.661
1207	...	0.624	0.760	1.305	1.342	5.636

★ Values are approximate. Where accurate figures are required, or ratios not shown, consult the Factory. WR<sup>2</sup> referred to reducer low speed shaft equals (exact total ratio)<sup>2</sup> times WR<sup>2</sup> referred to reducer high speed shaft.