Worm Gear Rating Table

Ratio	Input RPM	Output RPM	Size 213 Input HP	Size 213 Output HP	Size 213 Output TQ	Size 213 OHL	Size 215 Input HP	Size 215 Output HP	Size 215 Output TQ	Size 215 OHL	Size 218 Input HP	Size 218 Output HP	Size 218 Output TQ	Size 218 OHL	Size 220 Input HP	Size 220 Output HP	Size 220 Output TQ	Size 220 OHL
5	2500	500.0	1.247	1.140	144	700	1.872	1.717	216	860	2.619	2.438	307	1200	2.928	2.737	345	1000
	1750	**350.0**	**1.058**	**0.956**	**172**	**700**	**1.615**	**1.464**	**263**	**860**	**2.256**	**2.078**	**374**	**1200**	**2.510**	**2.323**	**418**	**1000**
	1170	234.0	0.826	0.735	198	700	1.317	1.174	316	860	1.843	1.675	451	1200	2.104	1.922	517	1000
	870	174.0	0.668	0.587	213	700	1.091	0.960	347	860	1.527	1.372	497	1200	1.766	1.596	578	1000
	100	20.0	0.101	0.081	256	700	0.176	0.141	443	860	0.245	0.202	636	1200	0.293	0.243	766	1000
7 1/2	2500	333.3	1.064	0.963	182	700	1.387	1.240	234	860	1.957	1.801	340	1200	2.715	2.518	476	1035
	1750	**233.3**	**0.871**	**0.778**	**210**	**700**	**1.237**	**1.089**	**294**	**860**	**1.667**	**1.516**	**409**	**1200**	**2.389**	**2.191**	**592**	**1035**
	1170	156.0	0.662	0.581	235	700	1.007	0.867	350	860	1.306	1.169	472	1200	1.918	1.733	700	1035
	870	116.0	0.528	0.457	248	700	0.834	0.706	383	860	1.058	0.936	508	1200	1.575	1.406	763	1035
	100	13.3	0.077	0.061	288	700	0.137	0.102	484	860	0.160	0.130	614	1200	0.247	0.202	954	1035
10	2500	250.0	0.885	0.780	197	700	1.143	0.994	250	860	1.643	1.495	377	1200	2.450	2.250	567	1065
	1750	**175.0**	**0.733**	**0.634**	**228**	**700**	**1.021**	**0.869**	**313**	**860**	**1.368**	**1.227**	**442**	**1200**	**2.092**	**1.896**	**682**	**1065**
	1170	117.0	0.563	0.476	257	700	0.833	0.690	372	860	1.053	0.928	500	1200	1.642	1.463	788	1065
	870	87.0	0.452	0.376	272	700	0.692	0.561	406	860	0.846	0.736	533	1200	1.332	1.172	848	1065
	100	10.0	0.068	0.050	318	700	0.116	0.081	511	860	0.126	0.100	628	1200	0.203	0.163	1026	1065
15	2500	166.7	0.663	0.558	211	700	0.862	0.709	268	860	1.209	1.054	398	1200	1.834	1.634	618	1125
	1750	**116.7**	**0.551**	**0.452**	**244**	**700**	**0.774**	**0.619**	**334**	**860**	**1.026**	**0.876**	**473**	**1200**	**1.561**	**1.366**	**738**	**1125**
	1170	78.0	0.425	0.339	274	700	0.637	0.490	396	860	0.803	0.669	540	1200	1.225	1.048	846	1125
	870	58.0	0.343	0.267	290	700	0.533	0.398	433	860	0.653	0.532	578	1200	0.995	0.837	909	1125
	100	6.7	0.053	0.036	338	700	0.093	0.057	542	860	0.102	0.073	690	1200	0.154	0.115	1090	1125
20	2500	125.0	0.528	0.429	216	700	0.713	0.560	282	860	0.977	0.832	419	1200	1.457	1.259	635	1175
	1750	**87.5**	**0.437**	**0.344**	**248**	**700**	**0.639**	**0.484**	**349**	**860**	**0.814**	**0.677**	**487**	**1200**	**1.243**	**1.050**	**756**	**1175**
	1170	58.5	0.336	0.256	275	700	0.526	0.382	411	860	0.630	0.508	547	1200	0.978	0.803	865	1175
	870	43.5	0.271	0.201	291	700	0.441	0.309	447	860	0.508	0.402	581	1200	0.797	0.641	928	1175
	100	5.0	0.042	0.027	335	700	0.079	0.044	556	860	0.078	0.054	679	1200	0.126	0.088	1110	1175
25	2500	100.0	0.447	0.344	217	700	0.606	0.456	287	860	0.803	0.666	419	1200	1.194	1.010	636	1210
	1750	**70.0**	**0.375**	**0.279**	**251**	**700**	**0.544**	**0.392**	**353**	**860**	**0.665**	**0.537**	**483**	**1200**	**1.005**	**0.829**	**746**	**1210**
	1170	46.8	0.293	0.208	280	700	0.449	0.308	414	860	0.512	0.400	539	1200	0.784	0.627	844	1210
	870	34.8	0.239	0.164	297	700	0.377	0.248	450	860	0.413	0.315	570	1200	0.636	0.497	899	1210
	100	4.0	0.039	0.022	345	700	0.069	0.035	556	860	0.064	0.042	659	1200	0.100	0.067	1059	1210
30	2500	83.3	0.389	0.287	217	700	0.516	0.364	275	860	0.696	0.545	412	1200	1.043	0.849	642	1255
	1750	**58.3**	**0.328**	**0.232**	**251**	**700**	**0.472**	**0.317**	**343**	**860**	**0.597**	**0.451**	**487**	**1200**	**0.896**	**0.706**	**763**	**1255**
	1170	39.0	0.258	0.174	281	700	0.397	0.251	406	860	0.475	0.343	555	1200	0.711	0.540	872	1255
	870	29.0	0.211	0.128	301	700	0.338	0.204	443	860	0.390	0.273	593	1200	0.583	0.430	934	1255
	100	3.3	0.035	0.018	345	700	0.065	0.029	555	860	0.065	0.037	705	1200	0.096	0.059	1115	1255
40	2500	62.5	0.308	0.214	215	700	0.427	0.279	281	860	0.554	0.416	419	1200	0.821	0.631	636	1315
	1750	**43.8**	**0.260**	**0.171**	**247**	**700**	**0.391**	**0.241**	**347**	**860**	**0.469**	**0.338**	**486**	**1200**	**0.710**	**0.524**	**755**	**1315**
	1170	29.3	0.204	0.127	274	700	0.330	0.190	408	860	0.369	0.253	545	1200	0.568	0.400	862	1315
	870	21.8	0.167	0.100	289	700	0.282	0.153	444	860	0.302	0.200	579	1200	0.469	0.319	924	1315
	100	2.5	0.028	0.013	332	700	0.056	0.022	552	860	0.050	0.027	674	1200	0.080	0.044	1102	1315
50	2500	50.0	0.252	0.165	208	700	0.360	0.219	276	860	0.448	0.321	405	1200	0.659	0.488	615	1385
	1750	**35.0**	**0.211**	**0.131**	**237**	**700**	**0.331**	**0.188**	**339**	**860**	**0.377**	**0.258**	**465**	**1200**	**0.563**	**0.399**	**719**	**1385**
	1170	23.4	0.165	0.097	261	700	0.281	0.148	398	860	0.296	0.192	518	1200	0.448	0.302	812	1385
	870	17.4	0.135	0.076	274	700	0.241	0.119	432	860	0.242	0.151	548	1200	0.368	0.239	864	1385
	100	2.0	0.023	0.010	312	700	0.048	0.017	533	860	0.040	0.020	632	1200	0.062	0.032	1016	1385
60	2500	41.7	0.214	0.131	198	700	0.307	0.175	264	860	0.374	0.254	384	1200	0.561	0.388	586	1415
	1750	**29.2**	**0.181**	**0.104**	**226**	**700**	**0.283**	**0.150**	**323**	**860**	**0.317**	**0.204**	**442**	**1200**	**0.491**	**0.322**	**696**	**1415**
	1170	19.5	0.144	0.077	249	700	0.242	0.117	378	860	0.251	0.152	492	1200	0.399	0.246	795	1415
	870	14.5	0.118	0.060	263	700	0.208	0.094	410	860	0.206	0.120	520	1200	0.333	0.196	851	1415
	100	1.7	0.021	0.008	300	700	0.043	0.013	505	860	0.035	0.016	600	1200	0.060	0.027	1015	1415
80	2500	31.3	0.144	0.081	163	700	0.219	0.109	220	860	0.247	0.156	314	1200	0.357	0.236	476	1495
	1750	**21.9**	**0.121**	**0.064**	**183**	**700**	**0.204**	**0.093**	**269**	**860**	**0.208**	**0.124**	**356**	**1200**	**0.304**	**0.190**	**547**	**1495**
	1170	14.6	0.096	0.047	201	700	0.176	0.073	314	860	0.164	0.091	392	1200	0.241	0.141	609	1495
	870	10.9	0.079	0.036	210	700	0.152	0.059	340	860	0.134	0.071	413	1200	0.198	0.111	644	1495
	100	1.3	0.014	0.005	237	700	0.032	0.008	418	860	0.023	0.009	470	1200	0.034	0.015	743	1495
100	2500	25.0	0.100	0.051	128	700	0.155	0.069	175	860	0.167	0.097	245	1200	0.251	0.150	379	1580
	1750	**17.5**	**0.084**	**0.040**	**143**	**700**	**0.145**	**0.059**	**213**	**860**	**0.141**	**0.077**	**277**	**1200**	**0.217**	**0.122**	**439**	**1580**
	1170	11.7	0.067	0.029	156	700	0.126	0.046	248	860	0.111	0.057	304	1200	0.175	0.091	491	1580
	870	8.7	0.055	0.023	164	700	0.109	0.037	268	860	0.092	0.044	319	1200	0.146	0.072	521	1580
	100	1.0	0.010	0.003	184	700	0.024	0.005	328	860	0.016	0.006	362	1200	0.026	0.010	605	1580

Note: All torque values listed in inch-pounds, all overhung load values listed in pounds. The point of application of the overhung load is considered to be one shaft diameter measured outward from the gear case housing. See page 16 for extended bearing (Styles FE, FEM & FEMQ) and input shaft overhung load (OHL) capacity. At speeds above 1750 RPM, units may become thermally limited. For extended operation, limit input HP to 1750 RPM catalog rating.

Worm Gear Rating Table

Ratio	Input RPM	Output RPM	Size 224 Input HP	Size 224 Output HP	Size 224 Output TQ	Size 224 OHL	Size 226 Input HP	Size 226 Output HP	Size 226 Output TQ	Size 226 OHL	Size 230 Input HP	Size 230 Output HP	Size 230 Output TQ	Size 230 OHL
5	2500	500.0	4.594	4.326	545	1770	5.548	5.240	682	1625	7.726	7.325	923	2170
	1750	**350.0**	**3.889**	**3.628**	**653**	**1770**	**4.804**	**4.496**	**836**	**1625**	**6.683**	**6.285**	**1131**	**2170**
	1170	234.0	3.340	3.078	829	1770	4.052	3.747	1042	1625	5.645	5.249	1413	2170
	870	174.0	2.839	2.589	937	1770	3.473	3.180	1190	1625	4.948	4.556	1650	2170
	100	20.0	0.486	0.408	1286	1770	0.608	0.513	1669	1625	0.918	0.779	2454	2170
7 1/2	2500	333.3	4.024	3.752	709	1770	4.974	4.660	881	1625	7.145	6.713	1269	2170
	1750	**233.3**	**3.466**	**3.195**	**863**	**1770**	**4.266**	**3.954**	**1068**	**1625**	**6.049**	**5.624**	**1519**	**2170**
	1170	156.0	2.872	2.609	1053	1770	3.583	3.275	1322	1625	5.210	4.779	1930	2170
	870	116.0	2.396	2.151	1168	1770	3.010	2.720	1477	1625	4.435	4.023	2185	2170
	100	13.3	0.393	0.322	1523	1770	0.501	0.415	1962	1625	0.765	0.636	3003	2170
10	2500	250.0	3.484	3.215	810	1770	4.522	4.194	1057	1625	6.344	5.897	1486	2170
	1750	**175.0**	**3.083**	**2.809**	**1011**	**1770**	**3.903**	**3.575**	**1287**	**1625**	**5.450**	**5.005**	**1802**	**2170**
	1170	117.0	2.487	2.229	1200	1770	3.198	2.882	1552	1625	4.586	4.144	2232	2170
	870	87.0	2.048	1.811	1311	1770	2.654	2.361	1710	1625	3.859	3.442	2493	2170
	100	10.0	0.325	0.261	1646	1770	0.430	0.348	2193	1625	0.649	0.526	3312	2170
15	2500	166.7	2.612	2.341	885	1770	3.370	3.068	1160	1625	4.858	4.404	1665	2170
	1750	**116.7**	**2.303**	**2.028**	**1095**	**1770**	**2.921**	**2.618**	**1414**	**1625**	**4.207**	**3.751**	**2026**	**2170**
	1170	78.0	1.857	1.598	1291	1770	2.321	2.041	1648	1625	3.507	3.062	2473	2170
	870	58.0	1.530	1.294	1406	1770	1.896	1.643	1784	1625	2.941	2.524	2742	2170
	100	6.7	0.247	0.185	1749	1770	0.296	0.231	2187	1625	0.498	0.378	3573	2170
20	2500	125.0	2.076	1.808	911	1770	2.690	2.375	1197	1625	3.720	3.288	1657	2170
	1750	**87.5**	**1.828**	**1.557**	**1121**	**1770**	**2.371**	**2.051**	**1477**	**1625**	**3.233**	**2.799**	**2015**	**2170**
	1170	58.5	1.476	1.222	1316	1770	1.913	1.613	1737	1625	2.717	2.291	2467	2170
	870	43.5	1.218	0.987	1430	1770	1.578	1.305	1890	1625	2.291	1.891	2739	2170
	100	5.0	0.200	0.170	1768	1770	0.258	0.186	2345	1625	0.400	0.284	3584	2170
25	2500	100.0	1.724	1.464	922	1770	2.225	1.923	1211	1625	3.170	2.737	1724	2170
	1750	**70.0**	**1.510**	**1.249**	**1124**	**1770**	**1.945**	**1.641**	**1477**	**1625**	**2.768**	**2.332**	**2099**	**2170**
	1170	46.8	1.215	0.973	1310	1770	1.561	1.279	1722	1625	2.319	1.895	2551	2170
	870	34.8	1.003	0.783	1418	1770	1.286	1.030	1864	1625	1.955	1.558	2821	2170
	100	4.0	0.166	0.110	1738	1770	0.210	0.145	2286	1625	0.345	0.232	3653	2170
30	2500	83.3	1.484	1.218	921	1770	1.902	1.608	1216	1625	2.717	2.287	1729	2170
	1750	**58.3**	**1.319**	**1.049**	**1133**	**1770**	**1.654**	**1.362**	**1471**	**1625**	**2.382**	**1.949**	**2105**	**2170**
	1170	39.0	1.076	0.824	1330	1770	1.325	1.055	1705	1625	2.004	1.582	2556	2170
	870	29.0	0.896	0.665	1445	1770	1.090	0.847	1840	1625	1.694	1.301	2826	2170
	100	3.3	0.155	0.095	1789	1770	0.179	0.118	2238	1625	0.305	0.193	3656	2170
40	2500	62.5	1.165	0.906	914	1770	1.497	1.194	1203	1625	2.063	1.645	1659	2170
	1750	**43.8**	**1.040**	**0.778**	**1121**	**1770**	**1.335**	**1.027**	**1479**	**1625**	**1.822**	**1.402**	**2018**	**2170**
	1170	29.3	0.854	0.609	1312	1770	1.094	0.805	1735	1625	1.557	1.144	2464	2170
	870	21.8	0.714	0.492	1424	1770	0.913	0.650	1884	1625	1.330	0.943	2731	2170
	100	2.5	0.127	0.070	1756	1770	0.161	0.092	2328	1625	0.252	0.141	3559	2170
50	2500	50.0	0.951	0.707	891	1770	1.214	0.930	1172	1625	1.727	1.320	1663	2170
	1750	**35.0**	**0.847**	**0.602**	**1084**	**1770**	**1.076**	**0.792**	**1426**	**1625**	**1.535**	**1.125**	**2026**	**2170**
	1170	23.4	0.695	0.468	1261	1770	0.880	0.616	1659	1625	1.312	0.912	2456	2170
	870	17.4	0.582	0.377	1364	1770	0.734	0.495	1794	1625	1.122	0.749	2714	2170
	100	2.0	0.105	0.053	1667	1770	0.130	0.070	2193	1625	0.217	0.111	3505	2170
60	2500	41.7	0.772	0.560	847	1770	0.998	0.736	1114	1625	1.430	1.045	1580	2170
	1750	**29.2**	**0.674**	**0.466**	**1007**	**1770**	**0.883**	**0.623**	**1345**	**1625**	**1.279**	**0.891**	**1924**	**2170**
	1170	19.5	0.545	0.357	1152	1770	0.722	0.482	1556	1625	1.100	0.722	2332	2170
	870	14.5	0.453	0.284	1235	1770	0.603	0.386	1678	1625	0.946	0.593	2576	2170
	100	1.7	0.080	0.039	1477	1770	0.108	0.054	2036	1625	0.188	0.088	3327	2170
80	2500	31.3	0.520	0.348	701	1770	0.659	0.456	919	1625	0.972	0.671	1352	2170
	1750	**21.9**	**0.455**	**0.288**	**830**	**1770**	**0.577**	**0.379**	**1092**	**1625**	**0.895**	**0.585**	**1684**	**2170**
	1170	14.6	0.370	0.219	946	1770	0.469	0.289	1247	1625	0.757	0.463	1996	2170
	870	10.9	0.309	0.175	1011	1770	0.391	0.231	1335	1625	0.646	0.376	2179	2170
	100	1.3	0.056	0.024	1202	1770	0.070	0.032	1593	1625	0.126	0.054	2731	2170
100	2500	25.0	0.351	0.219	551	1770	0.441	0.286	721	1625	0.656	0.424	1069	2170
	1750	**17.5**	**0.307**	**0.180**	**648**	**1770**	**0.386**	**0.236**	**851**	**1625**	**0.603**	**0.367**	**1321**	**2170**
	1170	11.7	0.251	0.136	735	1770	0.314	0.179	966	1625	0.511	0.289	1554	2170
	870	8.7	0.210	0.108	784	1770	0.262	0.143	1032	1625	0.437	0.234	1691	2170
	100	1.0	0.039	0.015	926	1770	0.048	0.019	1222	1625	0.087	0.033	2100	2170

Note: All torque values listed in inch-pounds, all overhung load values listed in pounds. The point of application of the overhung load is considered to be one shaft diameter measured outward from the gear case housing. See page 16 for extended bearing (Styles FE, FEM & FEMQ) and input shaft overhung load (OHL) capacity. At speeds above 1750 RPM, units may become thermally limited. For extended operation, limit input HP to 1750 RPM catalog rating.

Single Reduction

Worm Gear Rating Table

Ratio	Input RPM	Output RPM	Size 232 Input HP	Size 232 Output HP	Size 232 Output TQ	Size 232 OHL	Size 242 Input HP	Size 242 Output HP	Size 242 Output TQ	Size 242 OHL	Size 252 Input HP	Size 252 Output HP	Size 252 Output TQ	Size 252 OHL	Size 2600 Input HP	Size 2600 Output HP	Size 2600 Output TQ	Size 2600 OHL
5	2500	483.9	10.562	10.034	1306	2275	18.002	17.182	2237	2800	32.648	31.284	4040	3100	40.650	39.023	4917	3237
	1750	**338.7**	**9.135**	**8.611**	**1602**	**2275**	**15.548**	**14.745**	**2742**	**2800**	**28.166**	**26.846**	**4953**	**3100**	**35.041**	**33.486**	**6028**	**3538**
	1170	226.5	7.694	7.172	1995	2275	13.208	12.406	3451	2800	23.897	22.587	6233	3100	29.701	28.174	7585	3723
	870	168.4	6.799	6.278	2349	2275	11.627	10.827	4051	2800	21.207	19.891	7382	3100	26.340	24.812	8984	3723
	100	19.4	1.289	1.097	3571	2275	2.520	2.164	7043	2800	5.487	4.773	14009	3100	6.701	5.845	18412	3723
7 1/2	2500	333.3	9.053	8.527	1612	2275	16.257	15.425	2915	2930	27.783	26.438	4997	3245	34.042	32.456	6134	3723
	1750	**233.3**	**7.844**	**7.317**	**1976**	**2275**	**14.063**	**13.237**	**3574**	**2930**	**24.006**	**22.687**	**6125**	**3245**	**29.390**	**27.851**	**7520**	**3723**
	1170	156.0	6.642	6.114	2469	2275	11.740	10.923	4411	2930	20.409	19.088	7709	3245	24.963	23.433	9493	3723
	870	116.0	5.755	5.239	2845	2275	10.551	9.720	5279	2930	17.876	16.563	8995	3245	21.421	19.932	10825	3723
	100	13.3	1.136	0.949	4075	2275	2.098	1.772	8371	2930	4.077	3.455	16323	3245	5.314	4.527	21388	3723
10	2500	250.0	8.232	7.701	1941	2275	14.886	14.024	3534	3010	22.412	21.066	5309	3370	27.742	26.154	6591	3723
	1750	**175.0**	**7.034**	**6.507**	**2343**	**2275**	**12.897**	**12.035**	**4332**	**3010**	**19.402**	**18.077**	**6508**	**3370**	**23.992**	**22.443**	**8080**	**3723**
	1170	117.0	5.974	5.446	2932	2275	10.918	10.052	5413	3010	16.541	15.210	8190	3370	20.429	18.883	10168	3723
	870	87.0	5.050	4.548	3293	2275	9.573	8.715	6311	3010	14.554	13.227	9578	3370	17.677	16.161	11703	3723
	100	10.0	0.857	0.704	4437	2275	1.791	1.485	9358	3010	3.341	2.721	17142	3370	4.372	3.590	22615	3723
15	2500	166.7	6.161	5.603	2118	2275	10.691	9.826	3714	3190	16.500	15.131	5720	3560	20.307	18.698	7068	3723
	1750	**116.7**	**5.277**	**4.724**	**2551**	**2275**	**9.301**	**8.432**	**4553**	**3190**	**14.338**	**12.984**	**7012**	**3560**	**17.622**	**16.045**	**8664**	**3723**
	1170	78.0	4.531	3.971	3207	2275	7.916	7.042	5688	3190	12.290	10.925	8824	3560	15.081	13.500	10904	3723
	870	58.0	3.858	3.324	3611	2275	6.978	6.110	6637	3190	10.887	9.520	10341	3560	13.155	11.597	12597	3723
	100	6.7	0.682	0.518	4895	2275	1.354	1.044	9862	3190	2.556	1.929	18228	3560	3.330	2.538	23987	3723
20	2500	125.0	4.836	4.306	2170	2275	8.692	7.833	3948	3320	12.981	11.612	5852	3560	16.032	14.424	7270	3723
	1750	**87.5**	**4.188**	**3.658**	**2633**	**2275**	**7.588**	**6.722**	**4840**	**3320**	**11.321**	**9.964**	**7174**	**3560**	**13.957**	**12.378**	**8912**	**3723**
	1170	58.5	3.547	3.020	3253	2275	6.491	5.618	6050	3320	9.754	8.383	9028	3560	12.001	10.414	11215	3723
	870	43.5	3.002	2.505	3628	2275	5.686	4.828	6992	3320	8.684	7.310	10587	3560	10.536	8.966	12985	3723
	100	5.0	0.528	0.381	4802	2275	1.100	0.804	10136	3320	2.100	1.473	18561	3560	2.734	1.944	24498	3723
25	2500	100.0	3.977	3.468	2185	2275	7.129	6.308	3974	3445	10.712	9.350	5891	3560	13.214	11.616	7318	3723
	1750	**70.0**	**3.465**	**2.953**	**2658**	**2275**	**6.242**	**5.413**	**4872**	**3445**	**9.375**	**8.024**	**7221**	**3560**	**11.540**	**9.968**	**8971**	**3723**
	1170	46.8	2.914	2.413	3248	2275	5.352	4.518	6082	3445	8.117	6.751	9088	3560	9.968	8.387	11290	3723
	870	34.8	2.460	1.990	3603	2275	4.664	3.851	6972	3445	7.259	5.888	10660	3560	8.791	7.225	13080	3723
	100	4.0	0.434	0.298	4701	2275	0.899	0.628	9898	3445	1.808	1.184	18641	3560	2.348	1.562	24605	3723
30	2500	83.3	3.452	2.903	2195	2275	5.942	5.093	3850	3550	9.160	7.806	5902	3560	11.235	9.648	7294	3723
	1750	**58.3**	**3.003**	**2.454**	**2651**	**2275**	**5.226**	**4.370**	**4720**	**3550**	**8.043**	**6.699**	**7235**	**3560**	**9.841**	**8.279**	**8941**	**3723**
	1170	39.0	2.604	2.052	3315	2275	4.516	3.652	5899	3550	6.997	5.636	9104	3560	8.538	6.966	11252	3723
	870	29.0	2.238	1.713	3721	2275	4.013	3.157	6857	3550	6.282	4.917	10681	3560	7.556	5.999	13032	3723
	100	3.3	0.425	0.265	5007	2275	0.837	0.534	10092	3550	1.608	0.987	18653	3560	2.083	1.299	24551	3723
40	2500	62.5	2.669	2.157	2174	2275	4.752	3.923	3954	3715	7.122	5.793	5840	3560	8.756	7.198	7255	3723
	1750	**43.8**	**2.348**	**1.834**	**2641**	**2275**	**4.204**	**3.366**	**4847**	**3715**	**6.292**	**4.971**	**7159**	**3560**	**7.712**	**6.176**	**8894**	**3723**
	1170	29.3	2.019	1.509	3251	2275	3.659	2.813	6059	3715	5.520	4.183	9009	3560	6.744	5.197	11193	3723
	870	21.8	1.729	1.250	3620	2275	3.243	2.412	6986	3715	4.993	3.649	10571	3560	6.015	4.480	12977	3723
	100	2.5	0.330	0.189	4769	2275	0.684	0.399	10067	3715	1.342	0.732	18434	3560	1.735	0.966	24333	3723
50	2500	50.0	2.152	1.674	2110	2275	3.815	3.045	3837	3730	5.784	4.499	5669	3560	7.095	5.590	7044	3723
	1750	**35.0**	**1.907**	**1.426**	**2568**	**2275**	**3.392**	**2.613**	**4704**	**3730**	**5.138**	**3.861**	**6950**	**3560**	**6.282**	**4.797**	**8635**	**3723**
	1170	23.4	1.634	1.163	3130	2275	2.966	2.180	5870	3730	4.543	3.248	8746	3560	5.533	4.036	10866	3723
	870	17.4	1.399	0.958	3467	2275	2.620	1.855	6717	3730	4.135	2.834	10263	3560	4.966	3.480	12601	3723
	100	2.0	0.270	0.143	4510	2275	0.555	0.302	9497	3730	1.159	0.568	17886	3560	1.494	0.750	23609	3723
60	2500	41.7	1.764	1.323	2001	2275	3.115	2.407	3639	3730	4.777	3.560	5383	3570	5.825	4.400	6653	3723
	1750	**29.2**	**1.573**	**1.128**	**2437**	**2275**	**2.696**	**2.001**	**4322**	**3730**	**4.265**	**3.055**	**6598**	**3570**	**5.181**	**3.776**	**8155**	**3723**
	1170	19.5	1.346	0.913	2951	2275	2.441	1.719	5555	3730	3.797	2.570	8304	3570	4.594	3.177	10263	3723
	870	14.5	1.153	0.750	3258	2275	2.155	1.456	6326	3730	3.475	2.243	9744	3570	4.143	2.738	11894	3723
	100	1.7	0.225	0.111	4201	2275	0.460	0.234	8828	3730	1.009	0.449	16976	3570	1.298	0.591	22346	3723
80	2500	31.3	1.122	0.796	1605	2275	2.019	1.486	2995	3740	3.226	2.217	4469	3590	4.130	2.939	5926	3723
	1750	**21.9**	**1.030**	**0.695**	**2000**	**2275**	**1.790**	**1.257**	**3620**	**3740**	**2.906**	**1.902**	**5478**	**3590**	**3.702**	**2.522**	**7264**	**3723**
	1170	14.6	0.869	0.551	2371	2275	1.585	1.049	4519	3740	2.618	1.600	6894	3590	3.315	2.122	9142	3723
	870	10.9	0.740	0.447	2590	2275	1.385	0.875	5068	3740	2.419	1.396	8090	3590	3.037	1.843	10679	3723
	100	1.3	0.143	0.064	3246	2275	0.290	0.135	6804	3740	0.744	0.280	14089	3590	0.950	0.382	19249	3723
100	2500	25.0	0.754	0.503	1268	2275	1.341	0.933	2351	3750	2.285	1.504	3790	3600	2.849	1.905	4802	3723
	1750	**17.5**	**0.691**	**0.435**	**1567**	**2275**	**1.201**	**0.792**	**2852**	**3750**	**2.072**	**1.291**	**4646**	**3600**	**2.571**	**1.635**	**5886**	**3723**
	1170	11.7	0.584	0.343	1846	2275	1.062	0.655	3527	3750	1.820	1.052	5663	3600	2.323	1.376	7408	3723
	870	8.7	0.498	0.277	2009	2275	0.928	0.544	3937	3750	1.748	0.950	6879	3600	2.147	1.198	8674	3723
	100	1.0	0.097	0.040	2496	2275	0.197	0.083	5219	3750	0.515	0.180	11331	3600	0.686	0.244	15389	3723

Note: All torque values listed in inch-pounds, all overhung load values listed in pounds. The point of application of the overhung load is considered to be one shaft diameter measured outward from the gear case housing. See page 16 for extended bearing (Styles FE, FEM & FEMQ) and input shaft overhung load (OHL) capacity. At speeds above 1750 RPM, units may become thermally limited. For extended operation, limit input HP to 1750 RPM catalog rating.

Worm Gear Rating Table

Ratio	Input RPM	Output RPM	Size 2700 Input HP	Size 2700 Output HP	Size 2700 Output TQ	Size 2700 OHL	Size 2800 Input HP	Size 2800 Output HP	Size 2800 Output TQ	Size 2800 OHL	Size 21000 Input HP	Size 21000 Output HP	Size 21000 Output TQ	Size 21000 OHL
5	**1750**	**341.5**	**51.170**	**49.115**	**9062**	**6209**	**66.875**	**64.312**	**11866**	**7761**	**104.651**	**100.915**	**18619**	**11028**
	1170	228.3	43.353	41.324	11404	6209	56.618	54.111	14932	7761	88.498	84.908	23431	11028
	870	169.8	38.427	36.392	13506	6209	50.159	47.652	17685	7761	78.334	74.774	27750	11028
	100	19.5	9.250	8.181	26416	6209	13.930	12.417	36447	7761	22.115	19.802	63935	11028
7 1/2	**1750**	**236.5**	**41.546**	**39.684**	**10572**	**6209**	**54.370**	**52.053**	**13867**	**7761**	**84.411**	**81.109**	**21413**	**11028**
	1170	158.1	35.247	33.389	13304	6209	46.092	43.796	17451	7761	71.469	68.243	26947	11028
	870	117.6	30.763	28.923	15499	6209	40.874	38.569	20668	7761	63.321	60.098	31914	11028
	100	13.5	6.968	6.089	28388	6209	9.723	8.536	39793	7761	16.549	14.659	67727	11028
10	**1750**	**179.5**	**35.744**	**33.884**	**11893**	**6209**	**43.319**	**41.160**	**14447**	**7761**	**67.117**	**64.006**	**22466**	**11028**
	1170	120.0	30.368	28.509	14967	6209	36.771	34.631	18181	7761	56.888	53.853	28273	11028
	870	89.2	26.470	24.631	17391	6209	32.648	30.498	21532	7761	50.458	47.425	33484	11028
	100	10.3	6.153	5.256	32282	6209	7.960	6.831	41958	7761	13.678	11.837	72712	11028
15	**1750**	**119.3**	**25.978**	**24.294**	**12827**	**6209**	**33.822**	**31.753**	**16766**	**7761**	**52.789**	**49.825**	**26308**	**11028**
	1170	79.8	22.136	20.441	16143	6209	28.791	26.716	21099	7761	44.862	41.921	33107	11028
	870	59.3	19.580	17.881	18991	6209	25.297	23.230	24672	7761	39.876	36.918	39209	11028
	100	6.8	4.157	3.436	31744	6209	5.747	6.820	44195	7761	9.949	8.365	77295	11028
20	**1750**	**85.4**	**19.916**	**18.199**	**13431**	**6209**	**25.929**	**23.815**	**17575**	**7761**	**40.433**	**37.394**	**27597**	**11028**
	1170	57.1	17.045	15.312	16903	6209	22.162	20.037	22118	7761	34.481	31.462	34730	11028
	870	42.4	15.130	13.392	19880	6209	19.506	17.390	25815	7761	30.748	27.707	41131	11028
	100	4.9	3.345	2.595	33520	6209	4.630	3.623	46792	7761	8.011	6.350	82011	11028
25	**1750**	**71.4**	**16.911**	**15.264**	**13462**	**6209**	**21.937**	**19.930**	**17578**	**7761**	**34.199**	**31.313**	**27618**	**11028**
	1170	47.8	14.060	12.444	16417	6209	18.791	16.769	22122	7761	29.224	26.346	34756	11028
	870	35.5	12.906	11.234	19931	6209	16.649	14.624	25946	7761	26.104	23.201	41163	11028
	100	4.1	2.821	2.124	32790	6209	3.862	2.943	45421	7761	6.703	5.175	79871	11028
30	**1750**	**59.3**	**14.112**	**12.576**	**13356**	**6209**	**17.925**	**16.164**	**17166**	**7761**	**28.529**	**25.831**	**27433**	**11028**
	1170	39.7	11.909	10.382	16491	6209	14.993	13.257	21058	7761	24.435	21.734	34523	11028
	870	29.5	10.791	9.234	19725	6209	13.674	11.890	25398	7761	21.272	18.617	39769	11028
	100	3.4	2.295	1.681	31233	6209	2.936	2.211	41088	7761	5.490	4.122	76598	11028
40	**1750**	**43.8**	**10.880**	**9.305**	**13399**	**6209**	**14.079**	**12.158**	**17507**	**7761**	**21.818**	**19.077**	**27471**	**11028**
	1170	29.3	9.178	7.622	16416	6209	12.170	10.229	22032	7761	18.795	16.051	34571	11028
	870	21.8	8.450	6.845	19828	6209	10.881	8.933	25875	7761	16.908	14.135	40943	11028
	100	2.5	1.935	1.278	32194	6209	2.644	1.773	44687	7761	4.539	3.105	78246	11028
50	**1750**	**35.0**	**8.740**	**7.228**	**13011**	**6209**	**11.317**	**9.460**	**17028**	**7761**	**17.476**	**14.835**	**26703**	**11028**
	1170	23.4	7.426	5.930	15966	6209	9.838	7.959	21429	7761	15.128	12.482	33605	11028
	870	17.4	6.857	5.317	19250	6209	8.837	6.951	25166	7761	13.204	10.618	38444	11028
	100	2.0	1.615	0.988	31109	6209	2.224	1.380	43469	7761	3.793	2.411	75935	11028
60	**1750**	**29.2**	**7.003**	**5.657**	**12220**	**6209**	**9.048**	**7.399**	**15982**	**7761**	**13.983**	**11.624**	**25107**	**11028**
	1170	19.5	6.033	4.687	15143	6209	7.629	6.014	19430	7761	12.152	9.780	31597	11028
	870	14.5	5.513	4.146	18014	6209	7.126	5.446	23663	7761	10.762	8.416	36566	11028
	100	1.7	1.273	0.744	28131	6209	1.748	1.038	39244	7761	3.013	1.829	69119	11028
70	**1750**	**25.0**	**5.740**	**4.484**	**11300**	**6209**	**7.370**	**5.850**	**14743**	**7761**	**11.431**	**9.220**	**23235**	**11028**
	1170	16.7	4.963	3.709	13979	6209	6.242	4.755	17921	7761	9.979	7.758	29240	11028
	870	12.4	4.567	3.290	16676	6209	5.854	4.306	21829	7761	8.845	6.655	33736	11028
	100	1.4	1.094	0.595	26222	6209	1.476	0.821	36215	7761	2.589	1.464	64584	11028

Note: All torque values listed in inch-pounds, all overhung load values listed in pounds. The point of application of the overhung load is considered to be one shaft diameter measured outward from the gear case housing. See page 16 for extended bearing (Styles FE, FEM & FEMQ) and input shaft overhung load (OHL) capacity. At speeds above 1750 RPM, units may become thermally limited. For extended operation, limit input HP to 1750 RPM catalog rating.