

Two industrial gearmotors are displayed side-by-side. The one on the left is a silver-colored metal gearmotor with a square base and a central output shaft. The one on the right is a grey-painted metal gearmotor with a similar design, also featuring a square base and a central output shaft. Both units have a cylindrical motor housing at the rear.

STERLING

ELECTRIC, INC.

Sterling Electric offers a full range of Helical Gear Products to meet the demanding applications found in today's industry. Our standard cast iron product design lends itself to the harsh environments found in the pulp/paper and the chemical industry providing excellent corrosion resistance and long life. This catalog features a wide variety of Helical Gearmotors and Reducers to choose from, ranging from our Standard Totally Enclosed Motor design to our Sterli-Seal® Washdown Duty product, providing superior protection in high pressure sanitation applications.

Standard Product Features



- Cast Iron Single Piece Housing
- Smooth flat exterior surfaces primed and painted for easy cleaning
- Dimensionally interchangeable with many major European suppliers
- Hardened and Ground Pinions and Gears
- Filled at the factory with proper lubrication for customer convenience
- All Gearmotors are C-Face Construction, as standard
- Sizes R0402 and R0702 are supplied with a compact coupling design. Sizes G0802 and Larger with a unique bushing system to prevent fret and corrosion with ease of removing the motor.
- All Gearmotors are 3 Phase, 60 Hz., 230/460 Volt, Totally Enclosed construction.
- Sterli-Seal® Washdown Duty for Sizes R0402 through R0702 include a 304 Stainless Steel Output Shaft. All other sizes are carbon steel.

SSR2000 All Stainless Steel Product Features



- 304 Stainless Steel Investment Cast Housing
- Electro-polished surfaces to reduce growth of bacteria
- Full Washdown capability with hooded pressure vent to eliminate internal pressure.
- Double Lip Viton® Seals, as standard
- Reducers available with Solid Input Shaft Style or NEMA C-Face 56C through 215TC Motor Frame Sizes.
- Full range of ratio's starting at 2:1 through 56:1
- Double Reduction helical gear design to provide optimum efficiency
- Gearmotors ranging from 1/3 to 10HP
- Gearmotors are complete with 3 Phase, 60 Hz., 230/460 Volt, Totally Enclosed ALL Stainless Steel Constructed Motor.

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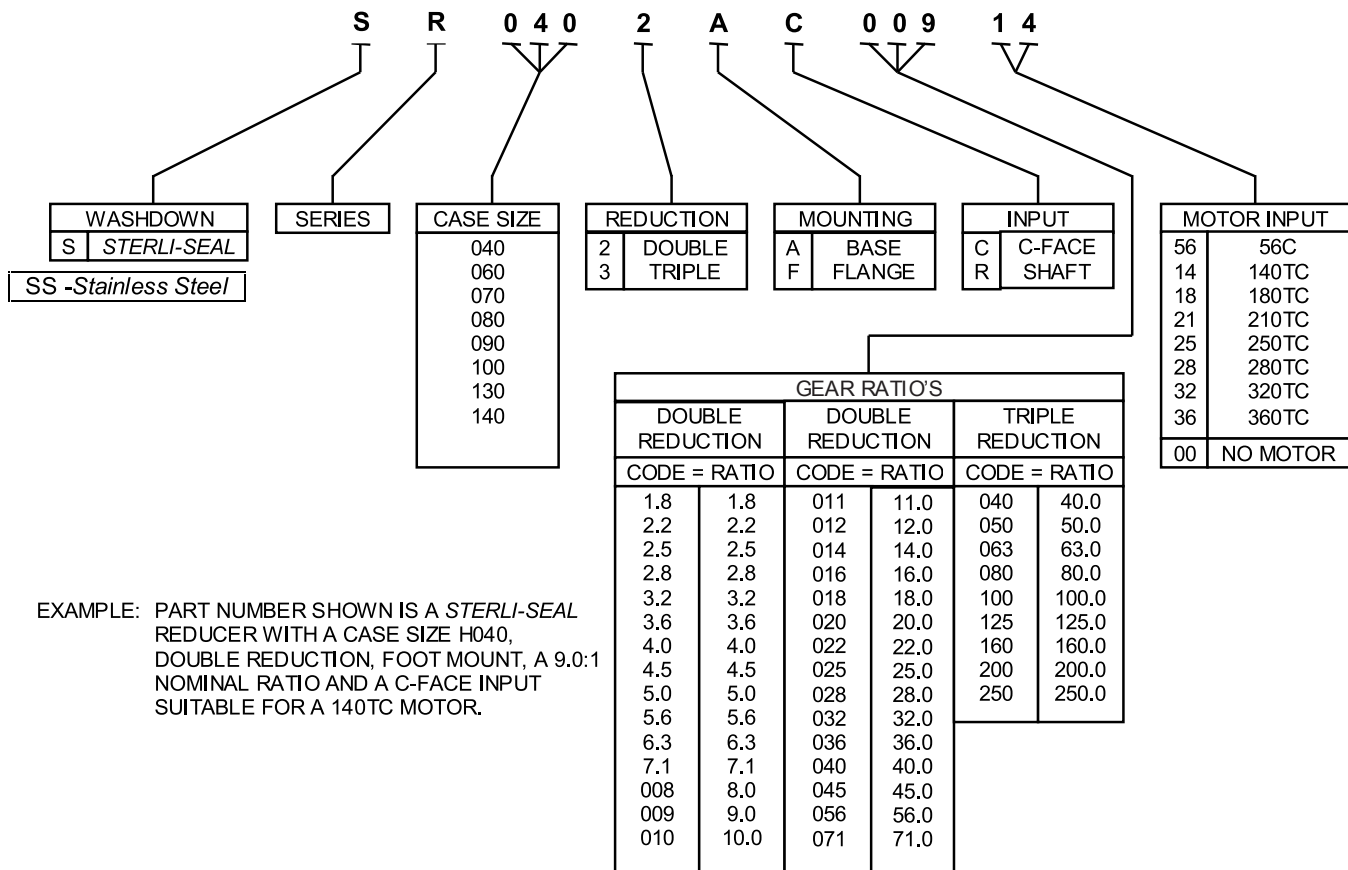
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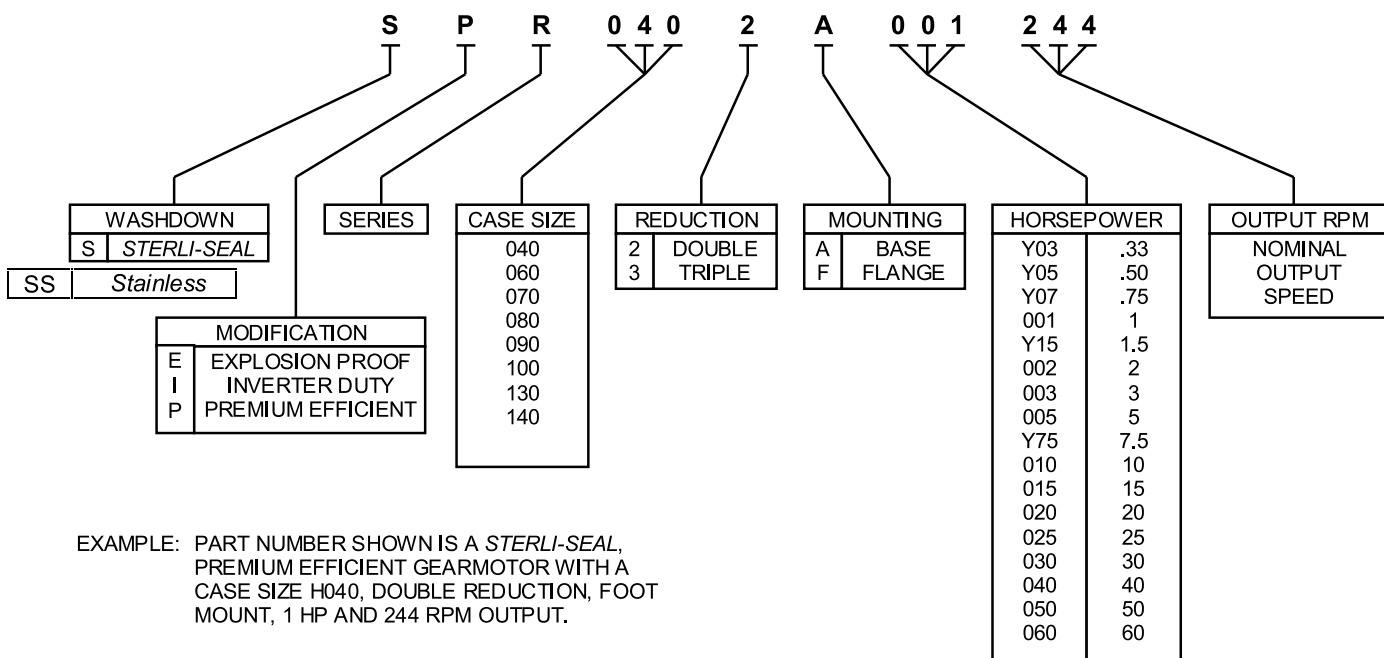
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REDUCER PART NUMBER DESIGNATION



GEARMOTOR PART NUMBER DESIGNATION



.33 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	R0402AY03886	23	\$1,060
806		R0402AY03806	25	\$1,060
699		R0402AY03699	29	\$1,060
604	56C-R0402	R0402AY03604	33	\$1,060
546		R0402AY03546	37	\$1,060
493		R0402AY03493	41	\$1,060
443	56C-R0402	R0402AY03443	45	\$1,060
396		R0402AY03396	50	\$1,060
353		R0402AY03353	57	\$1,060
333	56C-R0402	R0402AY03333	60	\$1,060
312		R0402AY03312	64	\$1,060
288		R0402AY03288	69	\$1,060
249	56C-R0402	R0402AY03249	80	\$1,060
225		R0402AY03225	89	\$1,060
203		R0402AY03203	98	\$1,060
183	56C-R0402	R0402AY03183	109	\$1,060
163		R0402AY03163	123	\$1,060
146		R0402AY03146	137	\$1,060
127	56C-R0402	R0402AY03127	157	\$1,060
105		R0402AY03105	190	\$1,060
88		R0402AY03088	227	\$1,060
84	56C-R0402	R0402AY03084	238	\$1,060
71		R0402AY03071	281	\$1,060
64		R0402AY03064	312	\$1,060
52	56C-R0402	R0402AY03052	384	\$1,060
41		R0402AY03041	487	\$1,060
36		R0402AY03036	555	\$1,060
32	56C-R0402	R0402AY03032	624	\$1,060

.50 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	R0402AY05886	34	\$1,080
806		R0402AY05806	38	\$1,080
699		R0402AY05699	43	\$1,080
604	56C-R0402	R0402AY05604	50	\$1,080
546		R0402AY05546	55	\$1,080
493		R0402AY05493	61	\$1,080
443	56C-R0402	R0402AY05443	68	\$1,080
396		R0402AY05396	76	\$1,080
353		R0402AY05353	86	\$1,080
333	56C-R0402	R0402AY05333	91	\$1,080
312		R0402AY05312	97	\$1,080
288		R0402AY05288	105	\$1,080
249	56C-R0402	R0402AY05249	122	\$1,080
225		R0402AY05225	135	\$1,080
203		R0402AY05203	149	\$1,080
183	56C-R0402	R0402AY05183	165	\$1,080
163		R0402AY05163	186	\$1,080
146		R0402AY05146	207	\$1,080
127	56C-R0402	R0402AY05127	238	\$1,080
105		R0402AY05105	288	\$1,080
88		R0402AY05088	344	\$1,080
84	56C-R0402	R0402AY05084	360	\$1,080
71		R0402AY05071	426	\$1,080
64		R0402AY05064	473	\$1,080
52	56C-R0402	R0402AY05052	582	\$1,080
41		R0402AY05041	738	\$1,080
36		R0402AY05036	841	\$1,080
32	56C-R0402	R0402AY05032	946	\$1,080

.75 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	R0402AY07886	51	\$1,100
806		R0402AY07806	56	\$1,100
699		R0402AY07699	65	\$1,100
604	56C-R0402	R0402AY07604	75	\$1,100
546		R0402AY07546	83	\$1,100
493		R0402AY07493	92	\$1,100
443	56C-R0402	R0402AY07443	102	\$1,100
396		R0402AY07396	115	\$1,100
353		R0402AY07353	129	\$1,100
333	56C-R0402	R0402AY07333	136	\$1,100
312		R0402AY07312	146	\$1,100
288		R0402AY07288	158	\$1,100
249	56C-R0402	R0402AY07249	182	\$1,100
225		R0402AY07225	202	\$1,100
203		R0402AY07203	224	\$1,100
183	56C-R0402	R0402AY07183	248	\$1,100
163		R0402AY07163	279	\$1,100
146		R0402AY07146	311	\$1,100
127	56C-R0402	R0402AY07127	357	\$1,100
105		R0402AY07105	432	\$1,100
88		R0402AY07088	516	\$1,100
84	56C-R0402	R0402AY07084	540	\$1,100
71		R0402AY07071	639	\$1,100
64		R0402AY07064	709	\$1,100
52	56C-R0402	R0402AY07052	873	\$1,100
41		R0402AY07041	1107	\$1,100
36		R0402AY07036	1261	\$1,100
32	56C-R0402	R0402AY07032	1419	\$1,100

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	R0402A001886	66	\$1,120
806		R0402A001806	72	\$1,120
699		R0402A001699	84	\$1,120
604	56C-R0402	R0402A001604	97	\$1,120
546		R0402A001546	108	\$1,120
493		R0402A001493	120	\$1,120
443	56C-R0402	R0402A001443	134	\$1,120
396		R0402A001396	150	\$1,120
353		R0402A001353	170	\$1,120
333	56C-R0402	R0402A001333	185	\$1,120
312		R0402A001312	193	\$1,120
288		R0402A001288	214	\$1,120
249	56C-R0402	R0402A001249	249	\$1,120
225		R0402A001225	276	\$1,120
203		R0402A001203	307	\$1,120
183	56C-R0402	R0402A001183	342	\$1,120
163		R0402A001163	384	\$1,120
146		R0402A001146	433	\$1,120
127	56C-R0402	R0402A001127	447	\$1,120
105		R0402A001105	503	\$1,120
88		R0402A001088	575	\$1,120
84	56C-R0402	R0402A001084	606	\$1,120
71		R0402A001071	646	\$1,120
64		R0402A001064	770	\$1,120
52	56C-R0402	R0402A001052	924	\$1,120
41		R0402A001041	1140	\$1,120
36		R0402A001036	1284	\$1,120
32	56C-R0402	R0402A001032	1576	\$1,120

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Enclosure
Output Torque in Inch Pounds

1.5 Horsepower

F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	R0402AY15886	102	\$1,140
806		R0402AY15806	113	\$1,140
699	56C-R0402	R0402AY15699	130	\$1,140
604		R0402AY15604	150	\$1,140
546	56C-R0402	R0402AY15546	166	\$1,140
493		R0402AY15493	184	\$1,140
443	56C-R0402	R0402AY15443	205	\$1,140
396		R0402AY15396	229	\$1,140
353	56C-R0402	R0402AY15353	257	\$1,140
333		R0402AY15333	273	\$1,140
312	56C-R0402	R0402AY15312	291	\$1,140
288		R0402AY15288	315	\$1,140
249	56C-R0402	R0402AY15249	365	\$1,140
225		R0402AY15225	404	\$1,140
203	56C-R0402	R0402AY15203	447	\$1,140
183		R0402AY15183	496	\$1,140
163	56C-R0402	R0402AY15163	557	\$1,140
146		R0402AY15146	622	\$1,140
127	56C-R0402	R0402AY15127	715	\$1,140
105		R0402AY15105	865	\$1,140
88	56C-R0402	R0402AY15088	1032	\$1,140
84		R0402AY15084	1081	\$1,140
71	56C-R0402	R0402AY15071	1279	\$1,140
64		R0402AY15064	1419	\$1,140
52	56C-R0402	R0402AY15052	1746	\$1,140
41		R0402AY15041	2214	\$1,140
36	56C-R0602	R0602AY15036	2522	\$1,480
31		R0602AY15031	2929	\$1,480

2 Horsepower

F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	R0402A002886	132	\$1,210
806		R0402A002806	145	\$1,210
699	56C-R0402	R0402A002699	168	\$1,210
604		R0402A002604	195	\$1,210
546	56C-R0402	R0402A002546	216	\$1,210
493		R0402A002493	240	\$1,210
443	56C-R0402	R0402A002443	268	\$1,210
396		R0402A002396	301	\$1,210
353	56C-R0402	R0402A002353	339	\$1,210
333		R0402A002333	370	\$1,210
312	56C-R0402	R0402A002312	385	\$1,210
288		R0402A002288	428	\$1,210
249	56C-R0402	R0402A002249	498	\$1,210
225		R0402A002225	552	\$1,210
203	56C-R0402	R0402A002203	614	\$1,210
183		R0402A002183	685	\$1,210
163	56C-R0402	R0402A002163	768	\$1,210
146		R0402A002146	866	\$1,210
127	56C-R0402	R0402A002127	893	\$1,210
105		R0402A002105	1006	\$1,210
84	56C-R0402	R0402A002084	1200	\$1,210
71		R0402A002071	1287	\$1,210
64	56C-R0402	R0402A002064	1519	\$1,210
52		R0602A002052	1704	\$1,574
41	56C-R0602	R0602A002041	2335	\$1,574
38		R0602A002038	2573	\$1,574
31	56C-R0602	R0602A002031	3153	\$1,574

3 Horsepower

F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	R0402A003886	205	\$1,484
806		R0402A003806	225	\$1,484
699	182TC-R0402	R0402A003699	260	\$1,484
604		R0402A003604	301	\$1,484
546	182TC-R0402	R0402A003546	333	\$1,484
493		R0402A003493	368	\$1,484
443	182TC-R0402	R0402A003443	410	\$1,484
396		R0402A003396	459	\$1,484
353	182TC-R0402	R0402A003353	514	\$1,484
333		R0402A003333	545	\$1,484
312	182TC-R0402	R0402A003312	582	\$1,484
288		R0402A003288	631	\$1,484
249	182TC-R0402	R0402A003249	729	\$1,484
225		R0402A003225	807	\$1,484
203	182TC-R0402	R0402A003203	895	\$1,484
183		R0402A003183	992	\$1,484
163	182TC-R0402	R0402A003163	1114	\$1,484
146		R0402A003146	1244	\$1,484
127	182TC-R0402	R0402A003127	1430	\$1,484
101	182TC-R0602	R0602A003101	1798	\$1,858
93		R0602A003093	1953	\$1,858
84	182TC-R0602	R0602A003084	2162	\$1,858
69		R0602A003069	2632	\$1,858
59	182TC-R0602	R0602A003059	3078	\$1,858
54		R0602A003054	3363	\$1,858
41	182TC-R0602	R0602A003041	4429	\$1,858
35	182TC-R0702	R0702A003035	5188	\$2,512
31	182TC-G0802	G0802A003031	5858	\$3,320

5 Horsepower

F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	R0402A005886	342	\$1,632
806		R0402A005806	375	\$1,632
699	184TC-R0402	R0402A005699	433	\$1,632
604		R0402A005604	501	\$1,632
546	184TC-R0402	R0402A005546	554	\$1,632
493		R0402A005493	614	\$1,632
443	184TC-R0402	R0402A005443	683	\$1,632
396		R0402A005396	764	\$1,632
353	184TC-R0402	R0402A005353	857	\$1,632
333		R0402A005333	909	\$1,632
312	184TC-R0402	R0402A005312	970	\$1,632
288		R0402A005288	1051	\$1,632
249	184TC-R0402	R0402A005249	1215	\$1,632
225		R0402A005225	1345	\$1,632
203	184TC-R0402	R0402A005203	1491	\$1,632
183		R0402A005183	1654	\$1,632
163	184TC-R0402	R0402A005163	1857	\$1,632
146		R0402A005146	2073	\$1,632
132	184TC-R0602	R0602A005132	2293	\$1,896
101		R0602A005101	2996	\$1,896
84	184TC-R0602	R0602A005084	3603	\$1,896
78	184TC-R0702	R0702A005078	3880	\$2,548
63		R0702A005063	4804	\$2,548
53	184TC-R0702	R0702A005053	5710	\$2,548
49		R0702A005049	6176	\$2,548
41	184TC-R0702	R0702A005041	7381	\$2,548
35	184TC-G0802	G0802A005035	8647	\$3,358
31		G0802A005031	9763	\$3,358

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

7.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	R0602AY75863	526	\$2,060
771		R0602AY75771	589	\$2,060
689	213TC-R0602	R0602AY75689	659	\$2,060
614		R0602AY75614	739	\$2,060
545	213TC-R0602	R0602AY75545	833	\$2,060
482		R0602AY75482	942	\$2,060
443	213TC-R0602	R0602AY75443	1025	\$2,060
388		R0602AY75388	1170	\$2,060
354	213TC-R0602	R0602AY75354	1282	\$2,060
316		R0602AY75316	1437	\$2,060
306	213TC-R0602	R0602AY75306	1484	\$2,060
282		R0602AY75282	1610	\$2,060
251	213TC-R0602	R0602AY75251	1809	\$2,060
223		R0602AY75223	2036	\$2,060
198	213TC-R0602	R0602AY75198	2293	\$2,060
182		R0602AY75182	2494	\$2,060
159	213TC-R0602	R0602AY75159	2855	\$2,060
145		R0602AY75145	3131	\$2,060
132	213TC-R0602	R0602AY75132	3439	\$2,060
125	213TC-R0702	R0702AY75125	3632	\$3,420
106		R0702AY75106	4283	\$3,420
100	213TC-R0702	R0702AY75100	4540	\$3,420
89		R0702AY75089	5100	\$3,420
78	213TC-R0702	R0702AY75078	5820	\$3,420
63		R0702AY75063	7206	\$3,420
53	213TC-G0802	G0802AY75053	8565	\$3,626
48		G0802AY75048	9458	\$3,626
36	213TC-G0802	G0802AY75036	12610	\$3,626
31	213TC-H0902	H0902AY75031	14644	\$5,330

10 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	R0602A010863	701	\$2,250
771		R0602A010771	785	\$2,250
689	215TC-R0602	R0602A010689	878	\$2,250
614		R0602A010614	986	\$2,250
545	215TC-R0602	R0602A010545	1111	\$2,250
482		R0602A010482	1256	\$2,250
443	215TC-R0602	R0602A010443	1366	\$2,250
388		R0602A010388	1560	\$2,250
354	215TC-R0602	R0602A010354	1710	\$2,250
316		R0602A010316	1915	\$2,250
306	215TC-R0602	R0602A010306	1978	\$2,250
282		R0602A010282	2146	\$2,250
251	215TC-R0602	R0602A010251	2411	\$2,250
223		R0602A010223	2714	\$2,250
198	215TC-R0602	R0602A010198	3057	\$2,250
182		R0602A010182	3326	\$2,250
157	215TC-R0702	R0702A010157	3855	\$3,672
137		R0702A010137	4418	\$3,672
125	215TC-R0702	R0702A010125	4842	\$3,672
106		R0702A010106	5710	\$3,672
100	215TC-R0702	R0702A010100	6053	\$3,672
84	215TC-G0802	G0802A010084	7206	\$3,808
75		G0802A010075	8070	\$3,808
62	215TC-G0802	G0802A010062	9763	\$3,808
53		G0802A010053	11420	\$3,808
48	215TC-G0802	G0802A010048	12610	\$3,808
39	215TC-H0902	H0902A010039	15520	\$5,512
35		H0902A010035	17294	\$5,512
30	215TC-H1002	H1002A010030	20176	\$9,180

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	R0702A015902	1006	\$3,932
806		R0702A015806	1126	\$3,932
719	254TC-R0702	R0702A015719	1263	\$3,932
640		R0702A015640	1418	\$3,932
568	254TC-R0702	R0702A015568	1598	\$3,932
502		R0702A015502	1808	\$3,932
461	254TC-R0702	R0702A015461	1969	\$3,932
404		R0702A015404	2247	\$3,932
351	254TC-R0702	R0702A015351	2586	\$3,932
318		R0702A015318	2855	\$3,932
280	254TC-R0702	R0702A015280	3242	\$3,932
249		R0702A015249	3646	\$3,932
221	254TC-R0702	R0702A015221	4108	\$3,932
196		R0702A015196	4632	\$3,932
180	254TC-R0702	R0702A015180	5044	\$3,932
135	254TC-G0802	G0802A015135	7006	\$4,140
116		G0802A015116	8153	\$4,140
105	254TC-G0802	G0802A015105	9007	\$4,140
96		G0802A015096	9851	\$4,140
85	254TC-G0802	G0802A015085	11126	\$4,140
75		G0802A015075	12610	\$4,140
61	254TC-H0902	H0902A015061	14116	\$6,870
54		H0902A015054	17514	\$6,870
49	254TC-H0902	H0902A015049	19301	\$6,870
41		H0902A015041	23067	\$6,870
37	254TC-H0902	H0902A015037	25561	\$6,870
30	254TC-H1002	H1002A015030	31525	\$10,144

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	R0702A020902	1342	\$4,384
806		R0702A020806	1502	\$4,384
719	256TC-R0702	R0702A020719	1684	\$4,384
640		R0702A020640	1892	\$4,384
568	256TC-R0702	R0702A020568	2131	\$4,384
502		R0702A020502	2411	\$4,384
461	256TC-R0702	R0702A020461	2626	\$4,384
404		R0702A020404	2996	\$4,384
351	256TC-R0702	R0702A020351	3448	\$4,384
318		R0702A020318	3806	\$4,384
280	256TC-R0702	R0702A020280	4323	\$4,384
249		R0702A020249	4862	\$4,384
210	256TC-G0802	G0802A020210	5765	\$4,594
187		G0802A020187	6474	\$4,594
153	256TC-G0802	G0802A020153	8242	\$4,594
135		G0802A020135	9341	\$4,594
116	256TC-G0802	G0802A020116	10871	\$4,594
105		G0802A020105	12010	\$4,594
95	256TC-H0902	H0902A020095	13274	\$7,324
85		H0902A020085	14835	\$7,324
77	256TC-H0902	H0902A020077	16377	\$7,324
58	256TC-H1002	H1002A020058	21741	\$10,600
49		H1002A020049	25735	\$10,600
45	256TC-H1002	H1002A020045	28022	\$10,600
40		H1002A020040	31525	\$10,600
36	256TC-H1002	H1002A020036	35028	\$10,600
29	256TC-H1302	H1302A020029	43483	\$15,028

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	H0902A025864	1751	\$8,680
771		H0902A025771	1962	\$8,680
687	284TC-H0902	H0902A025687	2202	\$8,680
593		H0902A025593	2551	\$8,680
533	284TC-H0902	H0902A025533	2838	\$8,680
477		H0902A025477	3171	\$8,680
431	284TC-H0902	H0902A025431	3510	\$8,680
384		H0902A025384	3939	\$8,680
347	284TC-H0902	H0902A025347	4359	\$8,680
310		H0902A025310	4879	\$8,680
266	284TC-H0902	H0902A025266	5686	\$8,680
238		H0902A025238	6355	\$8,680
214	284TC-H0902	H0902A025214	7068	\$8,680
192		H0902A025192	7878	\$8,680
171	284TC-H0902	H0902A025171	8846	\$8,680
150		H0902A025150	10084	\$8,680
138	284TC-H0902	H0902A025138	10961	\$8,680
121		H0902A025121	12501	\$8,680
106	284TC-H0902	H0902A025106	14270	\$8,680
95		H0902A025095	15922	\$8,680
85	284TC-H0902	H0902A025085	17795	\$8,680
77		H0902A025077	19644	\$8,680
68	284TC-H1002	H1002A025068	22244	\$11,986
59		H1002A025059	25637	\$11,986
57	284TC-H1002	H1002A025057	26537	\$11,986
50		H1002A025050	30252	\$11,986
47	284TC-H1002	H1002A025047	32183	\$11,986
41	284TC-H1302	H1302A025041	36893	\$15,450
34		H1302A025034	44488	\$15,450
27	284TC-H1402	H1402A025027	56022	\$21,224

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	H0902A030864	2101	\$9086
771		H0902A030771	2354	\$9086
687	286TC-H0902	H0902A030687	2642	\$9086
593		H0902A030593	3061	\$9086
533	286TC-H0902	H0902A030533	3405	\$9086
477		H0902A030477	3805	\$9086
431	286TC-H0902	H0902A030431	4211	\$9086
384		H0902A030384	4727	\$9086
347	286TC-H0902	H0902A030347	5231	\$9086
310		H0902A030310	5855	\$9086
266	286TC-H0902	H0902A030266	6824	\$9086
238		H0902A030238	7627	\$9086
214	286TC-H0902	H0902A030214	8482	\$9086
192		H0902A030192	9454	\$9086
171	286TC-H0902	H0902A030171	10615	\$9086
150		H0902A030150	12101	\$9086
138	286TC-H0902	H0902A030138	13153	\$9086
121		H0902A030121	15001	\$9086
106	286TC-H0902	H0902A030106	17124	\$9086
95		H0902A030095	19107	\$9086
91	286TC-H1002	H1002A030091	19946	\$12394
82		H1002A030082	22136	\$12394
68	286TC-H1002	H1002A030068	26693	\$12394
59		H1002A030059	30765	\$12394
57	286TC-H1002	H1002A030057	31844	\$12394
50		H1002A030050	36302	\$12394
45	286TC-H1302	H1302A030045	40336	\$15858
41		H1302A030041	44271	\$15858
33	286TC-H1402	H1402A030033	55004	\$21630
27		H1402A030027	67227	\$21630

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	Net
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	H0902A040864	2801	\$10492
771		H0902A040771	3139	\$10492
687	324TC-H0902	H0902A040687	3523	\$10492
593		H0902A040593	4081	\$10492
533	324TC-H0902	H0902A040533	4541	\$10492
477		H0902A040477	5074	\$10492
431	324TC-H0902	H0902A040431	5616	\$10492
384		H0902A040384	6303	\$10492
347	324TC-H0902	H0902A040347	6975	\$10492
310		H0902A040310	7807	\$10492
266	324TC-H0902	H0902A040266	9098	\$10492
238		H0902A040238	10169	\$10492
214	324TC-H0902	H0902A040214	11309	\$10492
192		H0902A040192	12605	\$10492
171	324TC-H0902	H0902A040171	14153	\$10492
150		H0902A040150	16134	\$10492
138	324TC-H0902	H0902A040138	17537	\$10492
121		H0902A040121	20001	\$10492
107	324TC-H1002	H1002A040107	22618	\$13888
96		H1002A040096	25210	\$13888
91	324TC-H1002	H1002A040091	26595	\$13888
82		H1002A040082	29514	\$13888
69	324TC-H1302	H1302A040069	35075	\$19336
62		H1302A040062	39035	\$19336
55	324TC-H1302	H1302A040055	44003	\$19336
50		H1302A040050	48403	\$19336
45	324TC-H1402	H1402A040045	53781	\$24292
40		H1402A040040	60504	\$24292

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	H0902A050864	3501	\$11414
771		H0902A050771	3924	\$11414
687	326TC-H0902	H0902A050687	4403	\$11414
593		H0902A050593	5102	\$11414
533	326TC-H0902	H0902A050533	5676	\$11414
477		H0902A050477	6342	\$11414
431	326TC-H0902	H0902A050431	7019	\$11414
384		H0902A050384	7878	\$11414
347	326TC-H0902	H0902A050347	8718	\$11414
310		H0902A050310	9759	\$11414
266	326TC-H0902	H0902A050266	11373	\$11414
238		H0902A050238	12711	\$11414
214	326TC-H0902	H0902A050214	14137	\$11414
192		H0902A050192	15756	\$11414
166	326TC-H1002	H1002A050166	18224	\$14810
147		H1002A050147	20580	\$14810
141	326TC-H1002	H1002A050141	21455	\$14810
124		H1002A050124	24397	\$14810
107	326TC-H1002	H1002A050107	28273	\$14810
96		H1002A050096	31513	\$14810
91	326TC-H1002	H1002A050091	33244	\$14810
78		H1302A050078	38785	\$20258
69	326TC-H1302	H1302A050069	43843	\$20258
62		H1302A050062	48794	\$20258
55	326TC-H1402	H1402A050055	55004	\$25214
48		H1402A050048	63025	\$25214
45	326TC-H1402	H1402A050045	67227	\$25214
40		H1402A050040	75630	\$25214

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

60 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	364TC-H1302	H1302A060606	5990	\$25110
552		H1302A060552	6577	\$25110
484		H1302A060484	7500	\$25110
437	364TC-H1302	H1302A060437	8307	\$25110
398		H1302A060398	9121	\$25110
349		H1302A060349	10402	\$25110
318	364TC-H1302	H1302A060318	11416	\$25110
256		H1302A060256	14181	\$25110
226		H1302A060226	16063	\$25110
204	364TC-H1302	H1302A060204	17795	\$25110
178		H1302A060178	20395	\$25110
157		H1302A060157	23123	\$25110
142	364TC-H1302	H1302A060142	25565	\$25110
125		H1302A060125	29042	\$25110
110		H1302A060110	33002	\$25110
98	364TC-H1302	H1302A060098	37043	\$25110
87		H1402A060087	41727	\$30176
79		H1402A060079	45952	\$30176
68	364TC-H1402	H1402A060068	53386	\$30176
60		H1402A060060	60504	\$30176

75 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	365TC-H1302	H1302A075606	7488	\$26296
552		H1302A075552	8221	\$26296
484		H1302A075484	9376	\$26296
437	365TC-H1302	H1302A075437	10384	\$26296
398		H1302A075398	11402	\$26296
349		H1302A075349	13002	\$26296
318	365TC-H1302	H1302A075318	14270	\$26296
283		H1302A075283	16035	\$26296
256		H1302A075256	17726	\$26296
226	365TC-H1302	H1302A075226	20079	\$26296
204		H1302A075204	22244	\$26296
178		H1302A075178	25493	\$26296
157	365TC-H1302	H1302A075157	28903	\$26296
142		H1302A075142	31956	\$26296
125		H1302A075125	36302	\$26296
107	365TC-H1402	H1402A075107	42409	\$31364
97		H1402A075097	46781	\$31364
87		H1402A075087	52159	\$31364
79	365TC-H1402	H1402A075079	57441	\$31364

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Sterli-Seal® Washdown Duty

.33 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SR0402AY03886	23	\$1,128
806		SR0402AY03806	25	\$1,128
699	56C-R0402	SR0402AY03699	29	\$1,128
604		SR0402AY03604	33	\$1,128
546	56C-R0402	SR0402AY03546	37	\$1,128
493		SR0402AY03493	41	\$1,128
443	56C-R0402	SR0402AY03443	45	\$1,128
396		SR0402AY03396	50	\$1,128
353	56C-R0402	SR0402AY03353	57	\$1,128
333		SR0402AY03333	60	\$1,128
312	56C-R0402	SR0402AY03312	64	\$1,128
288		SR0402AY03288	69	\$1,128
249	56C-R0402	SR0402AY03249	80	\$1,128
225		SR0402AY03225	89	\$1,128
203	56C-R0402	SR0402AY03203	98	\$1,128
183		SR0402AY03183	109	\$1,128
163	56C-R0402	SR0402AY03163	123	\$1,128
146		SR0402AY03146	137	\$1,128
127	56C-R0402	SR0402AY03127	157	\$1,128
105		SR0402AY03105	190	\$1,128
88	56C-R0402	SR0402AY03088	227	\$1,128
84		SR0402AY03084	238	\$1,128
71	56C-R0402	SR0402AY03071	281	\$1,128
64		SR0402AY03064	312	\$1,128
52	56C-R0402	SR0402AY03052	384	\$1,128
41		SR0402AY03041	487	\$1,128
36	56C-R0402	SR0402AY03036	555	\$1,128
32		SR0402AY03032	624	\$1,128

.50 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SR0402AY05886	34	\$1,144
806		SR0402AY05806	38	\$1,144
699	56C-R0402	SR0402AY05699	43	\$1,144
604		SR0402AY05604	50	\$1,144
546	56C-R0402	SR0402AY05546	55	\$1,144
493		SR0402AY05493	61	\$1,144
443	56C-R0402	SR0402AY05443	68	\$1,144
396		SR0402AY05396	76	\$1,144
353	56C-R0402	SR0402AY05353	86	\$1,144
333		SR0402AY05333	91	\$1,144
312	56C-R0402	SR0402AY05312	97	\$1,144
288		SR0402AY05288	105	\$1,144
249	56C-R0402	SR0402AY05249	122	\$1,144
225		SR0402AY05225	135	\$1,144
203	56C-R0402	SR0402AY05203	149	\$1,144
183		SR0402AY05183	165	\$1,144
163	56C-R0402	SR0402AY05163	186	\$1,144
146		SR0402AY05146	207	\$1,144
127	56C-R0402	SR0402AY05127	238	\$1,144
105		SR0402AY05105	288	\$1,144
88	56C-R0402	SR0402AY05088	344	\$1,144
84		SR0402AY05084	360	\$1,144
71	56C-R0402	SR0402AY05071	426	\$1,144
64		SR0402AY05064	473	\$1,144
52	56C-R0402	SR0402AY05052	582	\$1,144
41		SR0402AY05041	738	\$1,144
36	56C-R0402	SR0402AY05036	841	\$1,144
32		SR0402AY05032	946	\$1,144

.75 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SR0402AY07886	51	\$1,170
806		SR0402AY07806	56	\$1,170
699	56C-R0402	SR0402AY07699	65	\$1,170
604		SR0402AY07604	75	\$1,170
546	56C-R0402	SR0402AY07546	83	\$1,170
493		SR0402AY07493	92	\$1,170
443	56C-R0402	SR0402AY07443	102	\$1,170
396		SR0402AY07396	115	\$1,170
353	56C-R0402	SR0402AY07353	129	\$1,170
333		SR0402AY07333	136	\$1,170
312	56C-R0402	SR0402AY07312	146	\$1,170
288		SR0402AY07288	158	\$1,170
249	56C-R0402	SR0402AY07249	182	\$1,170
225		SR0402AY07225	202	\$1,170
203	56C-R0402	SR0402AY07203	224	\$1,170
183		SR0402AY07193	248	\$1,170
163	56C-R0402	SR0402AY07173	279	\$1,170
146		SR0402AY07154	311	\$1,170
127	56C-R0402	SR0402AY07133	357	\$1,170
105		SR0402AY07103	432	\$1,170
88	56C-R0402	SR0402AY07098	516	\$1,170
84		SR0402AY07092	540	\$1,170
71	56C-R0402	SR0402AY07077	639	\$1,170
64		SR0402AY07064	709	\$1,170
52	56C-R0402	SR0402AY07052	873	\$1,170
41		SR0402AY07040	1107	\$1,170
36	56C-R0402	SR0402AY07036	1261	\$1,170
32		SR0402AY07032	1419	\$1,170

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SR0402A001886	66	\$1,192
806		SR0402A001806	72	\$1,192
699	56C-R0402	SR0402A001699	84	\$1,192
604		SR0402A001604	97	\$1,192
546	56C-R0402	SR0402A001546	108	\$1,192
493		SR0402A001493	120	\$1,192
443	56C-R0402	SR0402A001443	134	\$1,192
396		SR0402A001396	150	\$1,192
353	56C-R0402	SR0402A001353	170	\$1,192
333		SR0402A001333	185	\$1,192
312	56C-R0402	SR0402A001312	193	\$1,192
288		SR0402A001288	214	\$1,192
249	56C-R0402	SR0402A001249	249	\$1,192
225		SR0402A001225	276	\$1,192
203	56C-R0402	SR0402A001203	307	\$1,192
183		SR0402A001183	342	\$1,192
163	56C-R0402	SR0402A001163	384	\$1,192
146		SR0402A001146	433	\$1,192
127	56C-R0402	SR0402A001127	447	\$1,192
105		SR0402A001105	503	\$1,192
88	56C-R0402	SR0402A001088	575	\$1,192
84		SR0402A001084	606	\$1,192
71	56C-R0402	SR0402A001071	646	\$1,192
64		SR0402A001064	770	\$1,192
52	56C-R0402	SR0402A001052	924	\$1,192
41		SR0402A001041	1140	\$1,192
36	56C-R0402	SR0402A001036	1284	\$1,192
32		SR0402A001032	1576	\$1,192

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Enclosure
Output Torque in Inch Pounds

Sterli-Seal® Washdown Duty

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SR0402AY15886	102	\$1,218
806		SR0402AY15806	113	\$1,218
699		SR0402AY15699	130	\$1,218
604	56C-R0402	SR0402AY15604	150	\$1,218
546		SR0402AY15546	166	\$1,218
493		SR0402AY15493	184	\$1,218
443	56C-R0402	SR0402AY15443	205	\$1,218
396		SR0402AY15396	229	\$1,218
353		SR0402AY15353	257	\$1,218
333	56C-R0402	SR0402AY15333	273	\$1,218
312		SR0402AY15312	291	\$1,218
288		SR0402AY15288	315	\$1,218
249	56C-R0402	SR0402AY15249	365	\$1,218
225		SR0402AY15225	404	\$1,218
203		SR0402AY15203	447	\$1,218
183	56C-R0402	SR0402AY15183	496	\$1,218
163		SR0402AY15163	557	\$1,218
146		SR0402AY15146	622	\$1,218
127	56C-R0402	SR0402AY15127	715	\$1,218
105		SR0402AY15105	865	\$1,218
88		SR0402AY15088	1032	\$1,218
84	56C-R0402	SR0402AY15084	1081	\$1,218
71		SR0402AY15071	1279	\$1,218
64		SR0402AY15064	1419	\$1,218
52	56C-R0402	SR0402AY15052	1746	\$1,218
41		SR0402AY15041	2214	\$1,218
36	56C-R0602	SR0602AY15036	2522	\$1,582
31		SR0602AY15031	2929	\$1,582

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SR0402A002886	132	\$1,292
806		SR0402A002806	145	\$1,292
699		SR0402A002699	168	\$1,292
604	56C-R0402	SR0402A002604	195	\$1,292
546		SR0402A002546	216	\$1,292
493		SR0402A002493	240	\$1,292
443	56C-R0402	SR0402A002443	268	\$1,292
396		SR0402A002396	301	\$1,292
353		SR0402A002353	339	\$1,292
333	56C-R0402	SR0402A002333	370	\$1,292
312		SR0402A002312	385	\$1,292
288		SR0402A002288	428	\$1,292
249	56C-R0402	SR0402A002249	498	\$1,292
225		SR0402A002225	552	\$1,292
203		SR0402A002203	614	\$1,292
183	56C-R0402	SR0402A002183	685	\$1,292
163		SR0402A002163	768	\$1,292
146		SR0402A002146	866	\$1,292
127	56C-R0402	SR0402A002127	893	\$1,292
105		SR0402A002105	1006	\$1,292
84		SR0402A002084	1200	\$1,292
71	56C-R0402	SR0402A002071	1287	\$1,292
64		SR0402A002064	1519	\$1,292
52	56C-R0602	SR0602A002052	1704	\$1,788
41		SR0602A002041	2335	\$1,788
38		SR0602A002038	2573	\$1,788
31	56C-R0602	SR0602A002031	3153	\$1,788

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	SR0402A003886	205	\$1,605
806		SR0402A003806	225	\$1,605
699		SR0402A003699	260	\$1,605
604	182TC-R0402	SR0402A003604	301	\$1,605
546		SR0402A003546	333	\$1,605
493		SR0402A003493	368	\$1,605
443	182TC-R0402	SR0402A003443	410	\$1,605
396		SR0402A003396	459	\$1,605
353		SR0402A003353	514	\$1,605
333	182TC-R0402	SR0402A003333	545	\$1,605
312		SR0402A003312	582	\$1,605
288		SR0402A003288	631	\$1,605
249	182TC-R0402	SR0402A003249	729	\$1,605
225		SR0402A003225	807	\$1,605
203		SR0402A003203	895	\$1,605
183	182TC-R0402	SR0402A003183	992	\$1,605
163		SR0402A003163	1114	\$1,605
146		SR0402A003146	1244	\$1,605
127	182TC-R0402	SR0402A003127	1430	\$1,605
101	182TC-R0602	SR0602A003101	1798	\$2,108
93		SR0602A003093	1953	\$2,108
84		SR0602A003084	2162	\$2,108
69	182TC-R0602	SR0602A003069	2632	\$2,108
59		SR0602A003059	3078	\$2,108
54		SR0602A003054	3363	\$2,108
41	182TC-R0602	SR0602A003041	4429	\$2,108
35		SR0702A003035	5188	\$2,852
31	182TC-G0802	SG0802A003031	5858	\$3,771

5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	SR0402A005886	342	\$1,851
806		SR0402A005806	375	\$1,851
699		SR0402A005699	433	\$1,851
604	184TC-R0402	SR0402A005604	501	\$1,851
546		SR0402A005546	554	\$1,851
493		SR0402A005493	614	\$1,851
443	184TC-R0402	SR0402A005443	683	\$1,851
396		SR0402A005396	764	\$1,851
353		SR0402A005353	857	\$1,851
333	184TC-R0402	SR0402A005333	909	\$1,851
312		SR0402A005312	970	\$1,851
288		SR0402A005288	1051	\$1,851
249	184TC-R0402	SR0402A005249	1215	\$1,851
225		SR0402A005225	1345	\$1,851
203		SR0402A005203	1491	\$1,851
183	184TC-R0402	SR0402A005183	1654	\$1,851
163		SR0402A005163	1857	\$1,851
146		SR0402A005146	2073	\$1,851
132	184TC-R0602	SR0602A005132	2293	\$2,153
101		SR0602A005101	2996	\$2,153
84		SR0602A005084	3603	\$2,153
78	184TC-R0702	SR0702A005074	3880	\$2,895
66		SR0702A005064	4804	\$2,895
53		SR0702A005053	5710	\$2,895
49	184TC-R0702	SR0702A005049	6176	\$2,895
41		SR0702A005041	7381	\$2,895
35	184TC-G0802	SG0802A005035	8647	\$3,816
31		SG0802A005031	9763	\$3,816

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Sterli-Seal® Washdown Duty

7.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	SR0602AY75863	526	\$2,516
771		SR0602AY75771	589	\$2,516
689		SR0602AY75689	659	\$2,516
614		SR0602AY75614	739	\$2,516
545	213TC-R0602	SR0602AY75545	833	\$2,516
482		SR0602AY75482	942	\$2,516
443		SR0602AY75443	1025	\$2,516
388		SR0602AY75388	1170	\$2,516
354	213TC-R0602	SR0602AY75354	1282	\$2,516
316		SR0602AY75316	1437	\$2,516
306		SR0602AY75306	1484	\$2,516
282		SR0602AY75282	1610	\$2,516
251	213TC-R0602	SR0602AY75251	1809	\$2,516
223		SR0602AY75223	2036	\$2,516
198		SR0602AY75198	2293	\$2,516
182		SR0602AY75182	2494	\$2,516
159	213TC-R0602	SR0602AY75159	2855	\$2,516
145		SR0602AY75145	3131	\$2,516
132		SR0602AY75132	3439	\$2,516
125		SR0702AY75125	3632	\$3,885
106	213TC-R0702	SR0702AY75106	4283	\$3,885
100		SR0702AY75100	4540	\$3,885
89		SR0702AY75089	5100	\$3,885
78		SR0702AY75078	5820	\$3,885
63	213TC-R0702	SR0702AY75063	7206	\$3,885
53		SG0802AY75053	8565	\$4,118
48		SG0802AY75048	9458	\$4,118
36		SG0802AY75036	12610	\$4,118
31	213TC-H0902	SH0902AY75031	14644	\$6,055

10 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	SR0602A010863	701	\$2,909
771		SR0602A010771	785	\$2,909
689		SR0602A010689	878	\$2,909
614		SR0602A010614	986	\$2,909
545	215TC-R0602	SR0602A010545	1111	\$2,909
482		SR0602A010482	1256	\$2,909
443		SR0602A010443	1366	\$2,909
388		SR0602A010388	1560	\$2,909
354	215TC-R0602	SR0602A010354	1710	\$2,909
316		SR0602A010316	1915	\$2,909
306		SR0602A010306	1978	\$2,909
282		SR0602A010282	2146	\$2,909
251	215TC-R0602	SR0602A010251	2411	\$2,909
223		SR0602A010223	2714	\$2,909
198		SR0602A010198	3057	\$2,909
182		SR0602A010182	3326	\$2,909
157	215TC-R0702	SR0702A010157	3855	\$4,174
137		SR0702A010137	4418	\$4,174
125		SR0702A010125	4842	\$4,174
106		SR0702A010106	5710	\$4,174
100	215TC-R0702	SR0702A010100	6053	\$4,174
84		SG0802A010084	7206	\$4,325
75		SG0802A010075	8070	\$4,325
62		SG0802A010062	9763	\$4,325
53	215TC-G0802	SG0802A010053	11420	\$4,325
48		SG0802A010048	12610	\$4,325
39		SH0902A010039	15520	\$6,261
35		SH0902A010035	17294	\$6,261
30	215TC-H1002	SH1002A010030	20176	\$10,432

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	SR0702A015902	1006	\$4,468
806		SR0702A015806	1126	\$4,468
719		SR0702A015719	1263	\$4,468
640		SR0702A015640	1418	\$4,468
568	254TC-R0702	SR0702A015568	1598	\$4,468
502		SR0702A015502	1808	\$4,468
461		SR0702A015461	1969	\$4,468
404		SR0702A015404	2247	\$4,468
351	254TC-R0702	SR0702A015351	2586	\$4,468
318		SR0702A015318	2855	\$4,468
280		SR0702A015280	3242	\$4,468
249		SR0702A015249	3646	\$4,468
221	254TC-R0702	SR0702A015221	4108	\$4,468
196		SR0702A015196	4632	\$4,468
180		SR0702A015180	5044	\$4,468
135		SG0802A015135	7006	\$4,704
116	254TC-G0802	SG0802A015116	8153	\$4,704
105		SG0802A015105	9007	\$4,704
96		SG0802A015096	9851	\$4,704
85		SG0802A015085	11126	\$4,704
75	254TC-G0802	SG0802A015075	12610	\$4,704
61		SH0902A015061	14116	\$7,808
54		SH0902A015054	17514	\$7,808
49		SH0902A015049	19301	\$7,808
41	254TC-H0902	SH0902A015041	23067	\$7,808
37		SH0902A015037	25561	\$7,808
30		SH1002A015030	31525	\$11,528

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	SR0702A020902	1342	\$5,042
806		SR0702A020806	1502	\$5,042
719		SR0702A020719	1684	\$5,042
640		SR0702A020640	1892	\$5,042
568	256TC-R0702	SR0702A020568	2131	\$5,042
502		SR0702A020502	2411	\$5,042
461		SR0702A020461	2626	\$5,042
404		SR0702A020404	2996	\$5,042
351	256TC-R0702	SR0702A020351	3448	\$5,042
318		SR0702A020318	3806	\$5,042
280		SR0702A020280	4323	\$5,042
249		SR0702A020249	4862	\$5,042
210	256TC-G0802	SG0802A020210	5765	\$5,283
187		SG0802A020187	6474	\$5,283
153		SG0802A020153	8242	\$5,283
135		SG0802A020135	9341	\$5,283
116	256TC-G0802	SG0802A020116	10871	\$5,283
105		SG0802A020105	12010	\$5,283
95		SH0902A020095	13274	\$8,423
85		SH0902A020085	14835	\$8,423
77	256TC-H0902	SH0902A020077	16377	\$8,423
58		SH1002A020058	21741	\$12,190
49		SH1002A020049	25735	\$12,190
45		SH1002A020045	28022	\$12,190
40	256TC-H1002	SH1002A020040	31525	\$12,190
36		SH1002A020036	35028	\$12,190
29		SH1302A020029	43483	\$17,282

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Sterli-Seal® Washdown Duty

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	SH0902A025864	1751	\$9,865
771		SH0902A025771	1962	\$9,865
687		SH0902A025687	2202	\$9,865
593		SH0902A025593	2551	\$9,865
533	284TC-H0902	SH0902A025533	2838	\$9,865
477		SH0902A025477	3171	\$9,865
431		SH0902A025431	3510	\$9,865
384		SH0902A025384	3939	\$9,865
347	284TC-H0902	SH0902A025347	4359	\$9,865
310		SH0902A025310	4879	\$9,865
266		SH0902A025266	5686	\$9,865
238		SH0902A025238	6355	\$9,865
214	284TC-H0902	SH0902A025214	7068	\$9,865
192		SH0902A025192	7878	\$9,865
171		SH0902A025171	8846	\$9,865
150		SH0902A025150	10084	\$9,865
138	284TC-H0902	SH0902A025138	10961	\$9,865
121		SH0902A025121	12501	\$9,865
106		SH0902A025106	14270	\$9,865
95		SH0902A025095	15922	\$9,865
85	284TC-H0902	SH0902A025085	17795	\$9,865
77		SH0902A025077	19644	\$9,865
68	284TC-H1002	SH1002A025068	22244	\$13,621
59		SH1002A025059	25637	\$13,621
57		SH1002A025057	26537	\$13,621
50		SH1002A025050	30252	\$13,621
47	284TC-H1002	SH1002A025047	32183	\$13,621
41		SH1302A025041	36893	\$17,199
34		SH1302A025034	44488	\$17,199
27		SH1402A025027	56022	\$23,164

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	SH0902A030864	2101	\$10,326
771		SH0902A030771	2354	\$10,326
687		SH0902A030687	2642	\$10,326
593		SH0902A030593	3061	\$10,326
533	286TC-H0902	SH0902A030533	3405	\$10,326
477		SH0902A030477	3805	\$10,326
431		SH0902A030431	4211	\$10,326
384		SH0902A030384	4727	\$10,326
347	286TC-H0902	SH0902A030347	5231	\$10,326
310		SH0902A030310	5855	\$10,326
266		SH0902A030266	6824	\$10,326
238		SH0902A030238	7627	\$10,326
214	286TC-H0902	SH0902A030214	8482	\$10,326
192		SH0902A030192	9454	\$10,326
171		SH0902A030171	10615	\$10,326
150		SH0902A030150	12101	\$10,326
138	286TC-H0902	SH0902A030138	13153	\$10,326
121		SH0902A030121	15001	\$10,326
106		SH0902A030106	17124	\$10,326
95		SH0902A030095	19107	\$10,326
91	286TC-H1002	SH1002A030091	19946	\$14,087
82		SH1002A030082	22136	\$14,087
68		SH1002A030068	26693	\$14,087
59		SH1002A030059	30765	\$14,087
57	286TC-H1002	SH1002A030057	31844	\$14,087
50		SH1002A030050	36302	\$14,087
45	286TC-H1302	SH1302A030045	40336	\$17,668
41		SH1302A030041	44271	\$17,668
33	286TC-H1402	SH1402A030033	55004	\$23,632
27		SH1402A030027	67227	\$23,632

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	SH0902A040864	2801	\$11,920
771		SH0902A040771	3139	\$11,920
687		SH0902A040687	3523	\$11,920
593		SH0902A040593	4081	\$11,920
533	324TC-H0902	SH0902A040533	4541	\$11,920
477		SH0902A040477	5074	\$11,920
431		SH0902A040431	5616	\$11,920
384		SH0902A040384	6303	\$11,920
347	324TC-H0902	SH0902A040347	6975	\$11,920
310		SH0902A040310	7807	\$11,920
266		SH0902A040266	9098	\$11,920
238		SH0902A040238	10169	\$11,920
214	324TC-H0902	SH0902A040214	11309	\$11,920
192		SH0902A040192	12605	\$11,920
171		SH0902A040171	14153	\$11,920
150		SH0902A040150	16134	\$11,920
138	324TC-H0902	SH0902A040138	17537	\$11,920
121		SH0902A040121	20001	\$11,920
107	324TC-H1002	SH1002A040107	22618	\$15,785
96		SH1002A040096	25210	\$15,785
91		SH1002A040091	26595	\$15,785
82		SH1002A040082	29514	\$15,785
69	324TC-H1302	SH1302A040069	35075	\$21,416
62		SH1302A040062	39035	\$21,416
55		SH1302A040055	44003	\$21,416
50		SH1302A040050	48403	\$21,416
45	324TC-H1402	SH1402A040045	53781	\$26,532
40		SH1402A040040	60504	\$26,532

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	SH0902A050864	3501	\$12,972
771		SH0902A050771	3924	\$12,972
687		SH0902A050687	4403	\$12,972
593		SH0902A050593	5102	\$12,972
533	326TC-H0902	SH0902A050533	5676	\$12,972
477		SH0902A050477	6342	\$12,972
431		SH0902A050431	7019	\$12,972
384		SH0902A050384	7878	\$12,972
347	326TC-H0902	SH0902A050347	8718	\$12,972
310		SH0902A050310	9759	\$12,972
266		SH0902A050266	11373	\$12,972
238		SH0902A050238	12711	\$12,972
214	326TC-H0902	SH0902A050214	14137	\$12,972
192		SH0902A050192	15756	\$12,972
166	326TC-H1002	SH1002A050166	18224	\$16,831
147		SH1002A050147	20580	\$16,831
141		SH1002A050141	21455	\$16,831
124		SH1002A050124	24397	\$16,831
107	326TC-H1002	SH1002A050107	28273	\$16,831
96		SH1002A050096	31513	\$16,831
91		SH1002A050091	33244	\$16,831
78		SH1302A050078	38785	\$22,464
69	326TC-H1302	SH1302A050069	43843	\$22,464
62		SH1302A050062	48794	\$22,464
55		SH1402A050055	55004	\$27,581
48		SH1402A050048	63025	\$27,581
45	326TC-H1402	SH1402A050045	67227	\$27,581
40		SH1402A050040	75630	\$27,581

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Sterli-Seal® Washdown Duty

60 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	364TC-H1302	SH1302A060606	5990	\$27,266
552		SH1302A060552	6577	\$27,266
484		SH1302A060484	7500	\$27,266
437	364TC-H1302	SH1302A060437	8307	\$27,266
398		SH1302A060398	9121	\$27,266
349		SH1302A060349	10402	\$27,266
318	364TC-H1302	SH1302A060318	11416	\$27,266
256		SH1302A060256	14181	\$27,266
226		SH1302A060226	16063	\$27,266
204	364TC-H1302	SH1302A060204	17795	\$27,266
178		SH1302A060178	20395	\$27,266
157		SH1302A060157	23123	\$27,266
142	364TC-H1302	SH1302A060142	25565	\$27,266
125		SH1302A060125	29042	\$27,266
110		SH1302A060110	33002	\$27,266
98	364TC-H1302	SH1302A060098	37043	\$27,266
87		SH1402A060087	41727	\$32,767
79		SH1402A060073	45952	\$32,767
68	364TC-H1402	SH1402A060068	53386	\$32,767
60		SH1402A060060	60504	\$32,767

75 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	365TC-H1302	SH1302A075606	7488	\$28,553
552		SH1302A075552	8221	\$28,553
484		SH1302A075484	9376	\$28,553
437	365TC-H1302	SH1302A075437	10384	\$28,553
398		SH1302A075398	11402	\$28,553
349		SH1302A075349	13002	\$28,553
318	365TC-H1302	SH1302A075318	14270	\$28,553
283		SH1302A075283	16035	\$28,553
256		SH1302A075256	17726	\$28,553
226	365TC-H1302	SH1302A075226	20079	\$28,553
204		SH1302A075204	22244	\$28,553
178		SH1302A075178	25493	\$28,553
157	365TC-H1302	SH1302A075157	28903	\$28,553
142		SH1302A075142	31956	\$28,553
125		SH1302A075125	36302	\$28,553
107	365TC-H1402	SH1402A075107	42409	\$34,057
97		SH1402A075097	46781	\$34,057
87		SH1402A075087	52159	\$34,057
79	365TC-H1402	SH1302A075079	57441	\$34,057

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Sterli-Seal® All Stainless Steel Washdown Duty

.33 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SSR0402AY03886	23	\$2,791
806		SSR0402AY03806	25	\$2,791
699	56C-R0402	SSR0402AY03699	29	\$2,791
604		SSR0402AY03604	33	\$2,791
546	56C-R0402	SSR0402AY03546	37	\$2,791
493		SSR0402AY03493	41	\$2,791
443	56C-R0402	SSR0402AY03443	45	\$2,791
396		SSR0402AY03396	50	\$2,791
353	56C-R0402	SSR0402AY03353	57	\$2,791
333		SSR0402AY03333	60	\$2,791
312	56C-R0402	SSR0402AY03312	64	\$2,791
288		SSR0402AY03288	69	\$2,791
249	56C-R0402	SSR0402AY03249	80	\$2,791
225		SSR0402AY03225	89	\$2,791
203	56C-R0402	SSR0402AY03203	98	\$2,791
183		SSR0402AY03183	109	\$2,791
163	56C-R0402	SSR0402AY03163	123	\$2,791
146		SSR0402AY03146	137	\$2,791
127	56C-R0402	SSR0402AY03127	157	\$2,791
105		SSR0402AY03105	190	\$2,791
88	56C-R0402	SSR0402AY03088	227	\$2,791
84		SSR0402AY03084	238	\$2,791
71	56C-R0402	SSR0402AY03071	281	\$2,791
64		SSR0402AY03064	312	\$2,791
52	56C-R0402	SSR0402AY03052	384	\$2,791
41		SSR0402AY03041	487	\$2,791
36	56C-R0402	SSR0402AY03036	555	\$2,791
32		SSR0402AY03032	624	\$2,791

.50 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SSR0402AY05886	34	\$2,806
806		SSR0402AY05806	38	\$2,806
699	56C-R0402	SSR0402AY05699	43	\$2,806
604		SSR0402AY05604	50	\$2,806
546	56C-R0402	SSR0402AY05546	55	\$2,806
493		SSR0402AY05493	61	\$2,806
443	56C-R0402	SSR0402AY05443	68	\$2,806
396		SSR0402AY05396	76	\$2,806
353	56C-R0402	SSR0402AY05353	86	\$2,806
333		SSR0402AY05333	91	\$2,806
312	56C-R0402	SSR0402AY05312	97	\$2,806
288		SSR0402AY05288	105	\$2,806
249	56C-R0402	SSR0402AY05249	122	\$2,806
225		SSR0402AY05225	135	\$2,806
203	56C-R0402	SSR0402AY05203	149	\$2,806
183		SSR0402AY05183	165	\$2,806
163	56C-R0402	SSR0402AY05163	186	\$2,806
146		SSR0402AY05146	207	\$2,806
127	56C-R0402	SSR0402AY05127	238	\$2,806
105		SSR0402AY05105	288	\$2,806
88	56C-R0402	SSR0402AY05088	344	\$2,806
84		SSR0402AY05084	360	\$2,806
71	56C-R0402	SSR0402AY05071	426	\$2,806
64		SSR0402AY05064	473	\$2,806
52	56C-R0402	SSR0402AY05052	582	\$2,806
41		SSR0402AY05041	738	\$2,806
36	56C-R0402	SSR0402AY05036	841	\$2,806
32		SSR0402AY05032	946	\$2,806

.75 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SSR0402AY07886	51	\$2,898
806		SSR0402AY07806	56	\$2,898
699	56C-R0402	SSR0402AY07699	65	\$2,898
604		SSR0402AY07604	75	\$2,898
546	56C-R0402	SSR0402AY07546	83	\$2,898
493		SSR0402AY07493	92	\$2,898
443	56C-R0402	SSR0402AY07443	102	\$2,898
396		SSR0402AY07396	115	\$2,898
353	56C-R0402	SSR0402AY07353	129	\$2,898
333		SSR0402AY07333	136	\$2,898
312	56C-R0402	SSR0402AY07312	146	\$2,898
288		SSR0402AY07288	158	\$2,898
249	56C-R0402	SSR0402AY07249	182	\$2,898
225		SSR0402AY07225	202	\$2,898
203	56C-R0402	SSR0402AY07203	224	\$2,898
183		SSR0402AY07183	248	\$2,898
163	56C-R0402	SSR0402AY07163	279	\$2,898
146		SSR0402AY07146	311	\$2,898
127	56C-R0402	SSR0402AY07127	357	\$2,898
105		SSR0402AY07105	432	\$2,898
88	56C-R0402	SSR0402AY07088	516	\$2,898
84		SSR0402AY07084	540	\$2,898
71	56C-R0402	SSR0402AY07071	639	\$2,898
64		SSR0402AY07064	709	\$2,898
52	56C-R0402	SSR0402AY07052	873	\$2,898
41		SSR0402AY07041	1107	\$2,898
36	56C-R0402	SSR0402AY07036	1261	\$2,898
32		SSR0402AY07032	1419	\$2,898

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SSR0402A001886	66	\$2,927
806		SSR0402A001806	72	\$2,927
699	56C-R0402	SSR0402A001699	84	\$2,927
604		SSR0402A001604	97	\$2,927
546	56C-R0402	SSR0402A001546	108	\$2,927
493		SSR0402A001493	120	\$2,927
443	56C-R0402	SSR0402A001443	134	\$2,927
396		SSR0402A001396	150	\$2,927
353	56C-R0402	SSR0402A001353	170	\$2,927
333		SSR0402A001333	185	\$2,927
312	56C-R0402	SSR0402A001312	193	\$2,927
288		SSR0402A001288	214	\$2,927
249	56C-R0402	SSR0402A001249	249	\$2,927
225		SSR0402A001225	276	\$2,927
203	56C-R0402	SSR0402A001203	307	\$2,927
183		SSR0402A001183	342	\$2,927
163	56C-R0402	SSR0402A001163	384	\$2,927
146		SSR0402A001146	433	\$2,927
127	56C-R0402	SSR0402A001127	447	\$2,927
105		SSR0402A001105	503	\$2,927
88	56C-R0402	SSR0402A001088	575	\$2,927
84		SSR0402A001084	606	\$2,927
71	56C-R0402	SSR0402A001071	646	\$2,927
64		SSR0402A001064	770	\$2,927
52	56C-R0402	SSR0402A001052	924	\$2,927
41		SSR0402A001041	1140	\$2,927
36	56C-R0402	SSR0402A001036	1284	\$2,927
32		SSR0402A001032	1576	\$2,927

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Enclosure
Output Torque in Inch Pounds

Sterli-Seal® All Stainless Steel Washdown Duty

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SSR0402AY15886	102	\$2,957
806		SSR0402AY15806	113	\$2,957
699	56C-R0402	SSR0402AY15699	130	\$2,957
604		SSR0402AY15604	150	\$2,957
546	56C-R0402	SSR0402AY15546	166	\$2,957
493		SSR0402AY15493	184	\$2,957
443	56C-R0402	SSR0402AY1 5443	205	\$2,957
396		SSR0402AY15396	229	\$2,957
353	56C-R0402	SSR0402AY1 5353	257	\$2,957
333		SSR0402AY15333	273	\$2,957
312	56C-R0402	SSR0402AY15312	291	\$2,957
288		SSR0402AY15288	315	\$2,957
249	56C-R0402	SSR0402AY1 5249	365	\$2,957
225		SSR0402AY15225	404	\$2,957
203	56C-R0402	SSR0402AY15203	447	\$2,957
183		SSR0402AY15183	496	\$2,957
163	56C-R0402	SSR0402AY15163	557	\$2,957
146		SSR0402AY15146	622	\$2,957
127	56C-R0402	SSR0402AY15127	715	\$2,957
105		SSR0402AY15105	865	\$2,957
88	56C-R0402	SSR0402AY15088	1032	\$2,957
84		SSR0402AY15084	1081	\$2,957
71	56C-R0402	SSR0402AY15071	1279	\$2,957
64		SSR0402AY15064	1419	\$2,957
52	56C-R0402	SSR0402AY15052	1746	\$2,957
41		SSR0402AY15041	2214	\$2,957
36	56C-R0602	SSR0602AY15036	2522	\$3,402
31		SSR0602AY15077	2929	\$3,402

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SSR0402A002886	132	\$3,058
806		SSR0402A002806	145	\$3,058
699	56C-R0402	SSR0402A002699	168	\$3,058
604		SSR0402A002604	195	\$3,058
546	56C-R0402	SSR0402A002546	216	\$3,058
493		SSR0402A002493	240	\$3,058
443	56C-R0402	SSR0402A002443	268	\$3,058
396		SSR0402A002396	301	\$3,058
353	56C-R0402	SSR0402A002353	339	\$3,058
333		SSR0402A002333	370	\$3,058
312	56C-R0402	SSR0402A002312	385	\$3,058
288		SSR0402A002288	428	\$3,058
249	56C-R0402	SSR0402A002249	498	\$3,058
225		SSR0402A002225	552	\$3,058
203	56C-R0402	SSR0402A002203	614	\$3,058
183		SSR0402A002183	685	\$3,058
163	56C-R0402	SSR0402A002163	768	\$3,058
146		SSR0402A002146	866	\$3,058
127	56C-R0402	SSR0402A002127	893	\$3,058
105		SSR0402A002105	1006	\$3,058
84	56C-R0402	SSR0402A002084	1200	\$3,058
71		SSR0402A002071	1287	\$3,058
64	56C-R0402	SSR0402A002064	1519	\$3,058
52		SSR0602A002052	1704	\$3,486
41	56C-R0602	SSR0602A002041	2335	\$3,486
38		SSR0602A002038	2573	\$3,486
31	56C-R0602	SSR0602A002031	3153	\$3,486

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	SSR0402A003886	205	\$3,590
806		SSR0402A003806	225	\$3,590
699	182TC-R0402	SSR0402A003699	260	\$3,590
604		SSR0402A003604	301	\$3,590
546	182TC-R0402	SSR0402A003546	333	\$3,590
493		SSR0402A003493	368	\$3,590
443	182TC-R0402	SSR0402A003443	410	\$3,590
396		SSR0402A003396	459	\$3,590
353	182TC-R0402	SSR0402A003353	514	\$3,590
333		SSR0402A003333	545	\$3,590
312	182TC-R0402	SSR0402A003312	582	\$3,590
288		SSR0402A003288	631	\$3,590
249	182TC-R0402	SSR0402A003249	729	\$3,590
225		SSR0402A003225	807	\$3,590
203	182TC-R0402	SSR0402A003203	895	\$3,590
183		SSR0402A003183	992	\$3,590
163	182TC-R0402	SSR0402A003163	1114	\$3,590
146		SSR0402A003146	1244	\$3,590
127	182TC-R0402	SSR0402A003127	1430	\$3,590
101	182TC-R0602	SSR0602A003101	1798	\$3,925
93		SSR0602A003093	1953	\$3,925
84	182TC-R0602	SSR0602A003084	2162	\$3,925
69		SSR0602A003069	2632	\$3,925
59	182TC-R0602	SSR0602A003059	3078	\$3,925
54		SSR0602A003054	3363	\$3,925
41	182TC-R0602	SSR0602A003041	4429	\$3,925

5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RP M	Frame	Model No.	Torque	Price
886	184TC-R0402	SSR0402A005886	342	\$3,728
806		SSR0402A005806	375	\$3,728
699	184TC-R0402	SSR0402A005699	433	\$3,728
604		SSR0402A005604	501	\$3,728
546	184TC-R0402	SSR0402A005546	554	\$3,728
493		SSR0402A005493	614	\$3,728
443	184TC-R0402	SSR0402A005443	683	\$3,728
396		SSR0402A005396	764	\$3,728
353	184TC-R0402	SSR0402A005353	857	\$3,728
333		SSR0402A005333	909	\$3,728
312	184TC-R0402	SSR0402A005312	970	\$3,728
288		SSR0402A005288	1051	\$3,728
249	184TC-R0402	SSR0402A005249	1215	\$3,728
225		SSR0402A005225	1345	\$3,728
203	184TC-R0402	SSR0402A005203	1491	\$3,728
183		SSR0402A005183	1654	\$3,728
163	184TC-R0402	SSR0402A005163	1857	\$3,728
146		SSR0402A005146	2073	\$3,728
132	184TC-R0602	SSR0602A005132	2293	\$4,105
101		SSR0602A005101	2996	\$4,105
84	184TC-R0602	SSR0602A005084	3603	\$4,105

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Sterli-Seal® All Stainless Steel Washdown Duty

7.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	SSR0602AY75863	526	\$4,896
771		SSR0602AY75771	589	\$4,896
689	213TC-R0602	SSR0602AY75689	659	\$4,896
614		SSR0602AY75614	739	\$4,896
545	213TC-R0602	SSR0602AY75545	833	\$4,896
482		SSR0602AY75482	942	\$4,896
443	213TC-R0602	SSR0602AY75443	1025	\$4,896
388		SSR0602AY75388	1170	\$4,896
354	213TC-R0602	SSR0602AY75354	1282	\$4,896
316		SSR0602AY75316	1437	\$4,896
306	213TC-R0602	SSR0602AY75306	1484	\$4,896
282		SSR0602AY75282	1610	\$4,896
251	213TC-R0602	SSR0602AY75251	1809	\$4,896
223		SSR0602AY75223	2036	\$4,896
198	213TC-R0602	SSR0602AY75198	2293	\$4,896
182		SSR0602AY75182	2494	\$4,896
159	213TC-R0602	SSR0602AY75159	2855	\$4,896
145		SSR0602AY75145	3131	\$4,896
132	213TC-R0602	SSR0602AY75132	3439	\$4,896

10 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	SSR0602A010863	701	\$5,100
771		SSR0602A010771	785	\$5,100
689	215TC-R0602	SSR0602A010689	878	\$5,100
614		SSR0602A010614	986	\$5,100
545	215TC-R0602	SSR0602A010545	1111	\$5,100
482		SSR0602A010482	1256	\$5,100
443	215TC-R0602	SSR0602A010443	1366	\$5,100
388		SSR0602A010388	1560	\$5,100
354	215TC-R0602	SSR0602A010354	1710	\$5,100
316		SSR0602A010316	1915	\$5,100
306	215TC-R0602	SSR0602A010306	1978	\$5,100
282		SSR0602A010282	2146	\$5,100
251	215TC-R0602	SSR0602A010251	2411	\$5,100
223		SSR0602A010223	2714	\$5,100
198	215TC-R0602	SSR0602A010198	3057	\$5,100
182		SSR0602A010182	3326	\$5,100

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Explosion Proof – Class I Group “D”, Class II Group “F&G”
 (Non-Inverter Rated - For Inverter Operation Refer to Factory for Selection and Pricing)

.33 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	ER0402AY03886	23	\$1,987
806		ER0402AY03806	25	\$1,987
699	56C-R0402	ER0402AY03699	29	\$1,987
604		ER0402AY03604	33	\$1,987
546	56C-R0402	ER0402AY03546	37	\$1,987
493		ER0402AY03493	41	\$1,987
443	56C-R0402	ER0402AY03443	45	\$1,987
396		ER0402AY03396	50	\$1,987
353	56C-R0402	ER0402AY03353	57	\$1,987
333		ER0402AY03333	60	\$1,987
312	56C-R0402	ER0402AY03312	64	\$1,987
288		ER0402AY03288	69	\$1,987
249	56C-R0402	ER0402AY03249	80	\$1,987
225		ER0402AY03225	89	\$1,987
203	56C-R0402	ER0402AY03203	98	\$1,987
183		ER0402AY03183	109	\$1,987
163	56C-R0402	ER0402AY03163	123	\$1,987
146		ER0402AY03146	137	\$1,987
127	56C-R0402	ER0402AY03127	157	\$1,987
105		ER0402AY03105	190	\$1,987
88	56C-R0402	ER0402AY03088	227	\$1,987
84		ER0402AY03084	238	\$1,987
71	56C-R0402	ER0402AY03071	281	\$1,987
64		ER0402AY03064	312	\$1,987
52	56C-R0402	ER0402AY03052	384	\$1,987
41		ER0402AY03041	487	\$1,987
36	56C-R0402	ER0402AY03036	555	\$1,987
32		ER0402AY03032	624	\$1,987

.50 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	ER0402AY05886	34	\$2,040
806		ER0402AY05806	38	\$2,040
699	56C-R0402	ER0402AY05699	43	\$2,040
604		ER0402AY05604	50	\$2,040
546	56C-R0402	ER0402AY05546	55	\$2,040
493		ER0402AY05493	61	\$2,040
443	56C-R0402	ER0402AY05443	68	\$2,040
396		ER0402AY05396	76	\$2,040
353	56C-R0402	ER0402AY05353	86	\$2,040
333		ER0402AY05333	91	\$2,040
312	56C-R0402	ER0402AY05312	97	\$2,040
288		ER0402AY05288	105	\$2,040
249	56C-R0402	ER0402AY05249	122	\$2,040
225		ER0402AY05225	135	\$2,040
203	56C-R0402	ER0402AY05203	149	\$2,040
183		ER0402AY05183	165	\$2,040
163	56C-R0402	ER0402AY05163	186	\$2,040
146		ER0402AY05146	207	\$2,040
127	56C-R0402	ER0402AY05127	238	\$2,040
105		ER0402AY05105	288	\$2,040
88	56C-R0402	ER0402AY05088	344	\$2,040
84		ER0402AY05084	360	\$2,040
71	56C-R0402	ER0402AY05071	426	\$2,040
64		ER0402AY05064	473	\$2,040
52	56C-R0402	ER0402AY05052	582	\$2,040
41		ER0402AY05041	738	\$2,040
36	56C-R0402	ER0402AY05036	841	\$2,040
32		ER0402AY05032	946	\$2,040

.75 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	ER0402AY07886	51	\$2,058
806		ER0402AY07806	56	\$2,058
699	56C-R0402	ER0402AY07699	65	\$2,058
604		ER0402AY07604	75	\$2,058
546	56C-R0402	ER0402AY07546	83	\$2,058
493		ER0402AY07493	92	\$2,058
443	56C-R0402	ER0402AY07443	102	\$2,058
396		ER0402AY07396	115	\$2,058
353	56C-R0402	ER0402AY07353	129	\$2,058
333		ER0402AY07333	136	\$2,058
312	56C-R0402	ER0402AY07312	146	\$2,058
288		ER0402AY07288	158	\$2,058
249	56C-R0402	ER0402AY07249	182	\$2,058
225		ER0402AY07225	202	\$2,058
203	56C-R0402	ER0402AY07203	224	\$2,058
183		ER0402AY07183	248	\$2,058
163	56C-R0402	ER0402AY07163	279	\$2,058
146		ER0402AY07146	311	\$2,058
127	56C-R0402	ER0402AY07127	357	\$2,058
105		ER0402AY07105	432	\$2,058
88	56C-R0402	ER0402AY07088	516	\$2,058
84		ER0402AY07084	540	\$2,058
71	56C-R0402	ER0402AY07071	639	\$2,058
64		ER0402AY07064	709	\$2,058
52	56C-R0402	ER0402AY07052	873	\$2,058
41		ER0402AY07041	1107	\$2,058
36	56C-R0402	ER0402AY07036	1261	\$2,058
32		ER0402AY07032	1419	\$2,058

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	ER0402A001886	66	\$2,108
806		ER0402A001806	72	\$2,108
699	56C-R0402	ER0402A001699	84	\$2,108
604		ER0402A001604	97	\$2,108
546	56C-R0402	ER0402A001546	108	\$2,108
493		ER0402A001493	120	\$2,108
443	56C-R0402	ER0402A001443	134	\$2,108
396		ER0402A001396	150	\$2,108
353	56C-R0402	ER0402A001353	170	\$2,108
333		ER0402A001333	185	\$2,108
312	56C-R0402	ER0402A001312	193	\$2,108
288		ER0402A001288	214	\$2,108
249	56C-R0402	ER0402A001249	249	\$2,108
225		ER0402A001225	276	\$2,108
203	56C-R0402	ER0402A001203	307	\$2,108
183		ER0402A001183	342	\$2,108
163	56C-R0402	ER0402A001163	384	\$2,108
146		ER0402A001146	433	\$2,108
127	56C-R0402	ER0402A001127	447	\$2,108
105		ER0402A001105	503	\$2,108
88	56C-R0402	ER0402A001088	575	\$2,108
84		ER0402A001084	606	\$2,108
71	56C-R0402	ER0402A001071	646	\$2,108
64		ER0402A001064	770	\$2,108
52	56C-R0402	ER0402A001052	924	\$2,108
41		ER0402A001041	1140	\$2,108
36	56C-R0402	ER0402A001036	1284	\$2,108
32		ER0402A001032	1576	\$2,108

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt

Explosion Proof – Class I Group “D”, Class II Group “F&G”
 (Non-Inverter Rated - For Inverter Operation Refer to Factory for Selection and Pricing)

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	ER0402AY15886	102	\$2,191
806		ER0402AY15806	113	\$2,191
699		ER0402AY15699	130	\$2,191
604	56C-R0402	ER0402AY15604	150	\$2,191
546		ER0402AY15546	166	\$2,191
493		ER0402AY15493	184	\$2,191
443	56C-R0402	ER0402AY15443	205	\$2,191
396		ER0402AY15396	229	\$2,191
353		ER0402AY15353	257	\$2,191
333	56C-R0402	ER0402AY15333	273	\$2,191
312		ER0402AY15312	291	\$2,191
288		ER0402AY15288	315	\$2,191
249	56C-R0402	ER0402AY15249	365	\$2,191
225		ER0402AY15225	404	\$2,191
203		ER0402AY15203	447	\$2,191
183	56C-R0402	ER0402AY15183	496	\$2,191
163		ER0402AY15163	557	\$2,191
146		ER0402AY15146	622	\$2,191
127	56C-R0402	ER0402AY15127	715	\$2,191
105		ER0402AY15105	865	\$2,191
88		ER0402AY15088	1032	\$2,191
84	56C-R0402	ER0402AY15084	1081	\$2,191
71		ER0402AY15071	1279	\$2,191
64		ER0402AY15064	1419	\$2,191
52	56C-R0402	ER0402AY15052	1746	\$2,191
41		ER0402AY15041	2214	\$2,191
36	56C-R0602	ER0602AY15036	2522	\$2,461
31		ER0602AY15031	2929	\$2,461

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	ER0402A002886	132	\$2,284
806		ER0402A002806	145	\$2,284
699		ER0402A002699	168	\$2,284
604	56C-R0402	ER0402A002604	195	\$2,284
546		ER0402A002546	216	\$2,284
493		ER0402A002493	240	\$2,284
443	56C-R0402	ER0402A002443	268	\$2,284
396		ER0402A002396	301	\$2,284
353		ER0402A002353	339	\$2,284
333	56C-R0402	ER0402A002333	370	\$2,284
312		ER0402A002312	385	\$2,284
288		ER0402A002288	428	\$2,284
249	56C-R0402	ER0402A002249	498	\$2,284
225		ER0402A002225	552	\$2,284
203		ER0402A002203	614	\$2,284
183	56C-R0402	ER0402A002183	685	\$2,284
163		ER0402A002163	768	\$2,284
146		ER0402A002146	866	\$2,284
127	56C-R0402	ER0402A002127	893	\$2,284
105		ER0402A002105	1006	\$2,284
84		ER0402A002084	1200	\$2,284
71	56C-R0402	ER0402A002071	1287	\$2,284
64		ER0402A002064	1519	\$2,284
52	56C-R0602	ER0602A002052	1704	\$2,488
41		ER0602A002041	2335	\$2,488
38		ER0602A002038	2573	\$2,488
31	56C-R0602	ER0602A002031	3153	\$2,488

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	ER0402A003886	205	\$2,635
806		ER0402A003806	225	\$2,635
699		ER0402A003699	260	\$2,635
604	182TC-R0402	ER0402A003604	301	\$2,635
546		ER0402A003546	333	\$2,635
493		ER0402A003493	368	\$2,635
443	182TC-R0402	ER0402A003443	410	\$2,635
396		ER0402A003396	459	\$2,635
353		ER0402A003353	514	\$2,635
333	182TC-R0402	ER0402A003333	545	\$2,635
312		ER0402A003312	582	\$2,635
288		ER0402A003288	631	\$2,635
249	182TC-R0402	ER0402A003249	729	\$2,635
225		ER0402A003225	807	\$2,635
203		ER0402A003203	895	\$2,635
183	182TC-R0402	ER0402A003183	992	\$2,635
163		ER0402A003163	1114	\$2,635
146		ER0402A003146	1244	\$2,635
127	182TC-R0402	ER0402A003127	1430	\$2,635
101		ER0602A003101	1798	\$2,839
93		ER0602A003093	1953	\$2,839
84	182TC-R0602	ER0602A003084	2162	\$2,839
69		ER0602A003069	2632	\$2,839
59		ER0602A003059	3078	\$2,839
54	182TC-R0602	ER0602A003054	3363	\$2,839
41		ER0602A003041	4429	\$2,839
35	182TC-R0702	ER0702A003035	5188	\$3,561
31	182TC-G0802	EG0802A003031	5858	\$4,553

5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	ER0402A005886	342	\$2,982
806		ER0402A005806	375	\$2,982
699		ER0402A005699	433	\$2,982
604	184TC-R0402	ER0402A005604	501	\$2,982
546		ER0402A005546	554	\$2,982
493		ER0402A005493	614	\$2,982
443	184TC-R0402	ER0402A005443	683	\$2,982
396		ER0402A005396	764	\$2,982
353		ER0402A005353	857	\$2,982
333	184TC-R0402	ER0402A005333	909	\$2,982
312		ER0402A005312	970	\$2,982
288		ER0402A005288	1051	\$2,982
249	184TC-R0402	ER0402A005249	1215	\$2,982
225		ER0402A005225	1345	\$2,982
203		ER0402A005203	1491	\$2,982
183	184TC-R0402	ER0402A005183	1654	\$2,982
163		ER0402A005163	1857	\$2,982
146		ER0402A005146	2073	\$2,982
132	184TC-R0602	ER0602A005132	2293	\$3,186
101		ER0602A005101	2996	\$3,186
84		ER0602A005084	3603	\$3,186
78	184TC-R0702	ER0702A005078	3880	\$3,908
63		ER0702A005063	4804	\$3,908
53		ER0702A005053	5710	\$3,908
49	184TC-R0702	ER0702A005049	6176	\$3,908
41		ER0702A005041	7381	\$3,908
35	184TC-G0802	EG0802A005035	8647	\$4,900
31		EG0802A005031	9763	\$4,900

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt
 Output Torque in Inch Pounds

Explosion Proof – Class I Group “D”, Class II Group “F&G”
 (Non-Inverter Rated - For Inverter Operation Refer to Factory for Selection and Pricing)

7.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	ER0602AY75863	526	\$3,641
771		ER0602AY75771	589	\$3,641
689		ER0602AY75689	659	\$3,641
614	213TC-R0602	ER0602AY75614	739	\$3,641
545		ER0602AY75545	833	\$3,641
482		ER0602AY75482	942	\$3,641
443	213TC-R0602	ER0602AY75443	1025	\$3,641
388		ER0602AY75388	1170	\$3,641
354		ER0602AY75354	1282	\$3,641
316	213TC-R0602	ER0602AY75316	1437	\$3,641
306		ER0602AY75306	1484	\$3,641
282		ER0602AY75282	1610	\$3,641
251	213TC-R0602	ER0602AY75251	1809	\$3,641
223		ER0602AY75223	2036	\$3,641
198		ER0602AY75198	2293	\$3,641
182	213TC-R0602	ER0602AY75182	2494	\$3,641
159		ER0602AY75159	2855	\$3,641
145		ER0602AY75145	3131	\$3,641
132	213TC-R0602	ER0602AY75132	3439	\$3,641
125		ER0702AY75125	3632	\$4,859
106		ER0702AY75106	4283	\$4,859
100	213TC-R0702	ER0702AY75100	4540	\$4,859
89		ER0702AY75089	5100	\$4,859
78		ER0702AY75078	5820	\$4,859
63	213TC-R0702	ER0702AY75063	7206	\$4,859
53		EG0802AY75053	8565	\$5,207
48		EG0802AY75048	9458	\$5,207
36	213TC-G0802	EG0802AY75036	12610	\$5,207
31		EH0902AY75031	14644	\$7,043

10 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	ER0602A010863	701	\$4,121
771		ER0602A010771	785	\$4,121
689		ER0602A010689	878	\$4,121
614	215TC-R0602	ER0602A010614	986	\$4,121
545		ER0602A010545	1111	\$4,121
482		ER0602A010482	1256	\$4,121
443	215TC-R0602	ER0602A010443	1366	\$4,121
388		ER0602A010388	1560	\$4,121
354		ER0602A010354	1710	\$4,121
316	215TC-R0602	ER0602A010316	1915	\$4,121
306		ER0602A010306	1978	\$4,121
282		ER0602A010282	2146	\$4,121
251	215TC-R0602	ER0602A010251	2411	\$4,121
223		ER0602A010223	2714	\$4,121
198		ER0602A010198	3057	\$4,121
182	215TC-R0702	ER0602A010182	3326	\$4,121
157		ER0702A010157	3855	\$5,339
137		ER0702A010137	4418	\$5,339
125	215TC-R0702	ER0702A010125	4842	\$5,339
106		ER0702A010106	5710	\$5,339
100		ER0702A010100	6053	\$5,339
84	215TC-G0802	EG0802A010084	7206	\$5,687
75		EG0802A010075	8070	\$5,687
62		EG0802A010062	9763	\$5,687
53	215TC-G0802	EG0802A010053	11420	\$5,687
48		EG0802A010048	12610	\$5,687
39		EH0902A010039	15520	\$7,523
35	215TC-H0902	EH0902A010035	17294	\$7,523
30		EH1002A010030	20176	\$10,987

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	ER0702A015902	1006	\$7,649
806		ER0702A015806	1126	\$7,649
719		ER0702A015719	1263	\$7,649
640	254TC-R0702	ER0702A015640	1418	\$7,649
568		ER0702A015568	1598	\$7,649
502		ER0702A015502	1808	\$7,649
461	254TC-R0702	ER0702A015461	1969	\$7,649
404		ER0702A015404	2247	\$7,649
351		ER0702A015351	2586	\$7,649
318	254TC-R0702	ER0702A015318	2855	\$7,649
280		ER0702A015280	3242	\$7,649
249		ER0702A015249	3646	\$7,649
221	254TC-R0702	ER0702A015221	4108	\$7,649
196		ER0702A015196	4632	\$7,649
180		ER0702A015180	5044	\$7,649
135	254TC-G0802	EG0802A015135	7006	\$7,813
116		EG0802A015116	8153	\$7,813
105		EG0802A015105	9007	\$7,813
96	254TC-G0802	EG0802A015096	9851	\$7,813
85		EG0802A015085	11126	\$7,813
75		EG0802A015075	12610	\$7,813
61	254TC-H0902	EH0902A015061	14116	\$10,553
54		EH0902A015054	17514	\$10,553
49		EH0902A015049	19301	\$10,553
41	254TC-H0902	EH0902A015041	23067	\$10,553
37		EH0902A015037	25561	\$10,553
30		EH1002A015030	31525	\$12,913

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	ER0702A020902	1342	\$8,401
806		ER0702A020806	1502	\$8,401
719		ER0702A020719	1684	\$8,401
640	256TC-R0702	ER0702A020640	1892	\$8,401
568		ER0702A020568	2131	\$8,401
502		ER0702A020502	2411	\$8,401
461	256TC-R0702	ER0702A020461	2626	\$8,401
404		ER0702A020404	2996	\$8,401
351		ER0702A020351	3448	\$8,401
318	256TC-R0702	ER0702A020318	3806	\$8,401
280		ER0702A020280	4323	\$8,401
249		ER0702A020249	4862	\$8,401
210	256TC-G0802	EG0802A020210	5765	\$8,565
187		EG0802A020187	6474	\$8,565
153		EG0802A020153	8242	\$8,565
135	256TC-G0802	EG0802A020135	9341	\$8,565
116		EG0802A020116	10871	\$8,565
105		EG0802A020105	12010	\$8,565
95	256TC-H0902	EH0902A020095	13274	\$11,305
85		EH0902A020085	14835	\$11,305
77		EH0902A020077	16377	\$11,305
58	256TC-H1002	EH1002A020058	21741	\$13,665
49		EH1002A020049	25735	\$13,665
45		EH1002A020045	28022	\$13,665
40	256TC-H1002	EH1002A020040	31525	\$13,665
36		EH1002A020036	35028	\$13,665
29		EH1302A020029	43483	\$18,061

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt
 Output Torque in Inch Pounds

Explosion Proof – Class I Group “D”, Class II Group “F&G”
 (Non-Inverter Rated - For Inverter Operation Refer to Factory for Selection and Pricing)

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	EH0902A025864	1751	\$13,564
771		EH0902A025771	1962	\$13,564
687	284TC-H0902	EH0902A025687	2202	\$13,564
593		EH0902A025593	2551	\$13,564
533	284TC-H0902	EH0902A025533	2838	\$13,564
477		EH0902A025477	3171	\$13,564
431	284TC-H0902	EH0902A025431	3510	\$13,564
384		EH0902A025384	3939	\$13,564
347	284TC-H0902	EH0902A025347	4359	\$13,564
310		EH0902A025310	4879	\$13,564
266	284TC-H0902	EH0902A025266	5686	\$13,564
238		EH0902A025238	6355	\$13,564
214	284TC-H0902	EH0902A025214	7068	\$13,564
192		EH0902A025192	7878	\$13,564
171	284TC-H0902	EH0902A025171	8846	\$13,564
150		EH0902A025150	10084	\$13,564
138	284TC-H0902	EH0902A025138	10961	\$13,564
121		EH0902A025121	12501	\$13,564
106	284TC-H0902	EH0902A025106	14270	\$13,564
95		EH0902A025095	15922	\$13,564
85	284TC-H0902	EH0902A025085	17795	\$13,564
77		EH0902A025077	19644	\$13,564
68	284TC-H1002	EH1002A025068	22244	\$14,968
59		EH1002A025059	25637	\$14,968
57	284TC-H1002	EH1002A025057	26537	\$14,968
50		EH1002A025050	30252	\$14,968
47	284TC-H1002	EH1002A025047	32183	\$14,968
41	284TC-H1302	EH1302A025041	36893	\$19,314
34		EH1302A025034	44488	\$19,314
27	284TC-H1402	EH1402A025027	56022	\$22,978

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	EH0902A030864	2101	\$14,509
771		EH0902A030771	2354	\$14,509
687	286TC-H0902	EH0902A030687	2642	\$14,509
593		EH0902A030593	3061	\$14,509
533	286TC-H0902	EH0902A030533	3405	\$14,509
477		EH0902A030477	3805	\$14,509
431	286TC-H0902	EH0902A030431	4211	\$14,509
384		EH0902A030384	4727	\$14,509
347	286TC-H0902	EH0902A030347	5231	\$14,509
310		EH0902A030310	5855	\$14,509
266	286TC-H0902	EH0902A030266	6824	\$14,509
238		EH0902A030238	7627	\$14,509
214	286TC-H0902	EH0902A030214	8482	\$14,509
192		EH0902A030192	9454	\$14,509
171	286TC-H0902	EH0902A030171	10615	\$14,509
150		EH0902A030150	12101	\$14,509
138	286TC-H0902	EH0902A030138	13153	\$14,509
121		EH0902A030121	15001	\$14,509
106	286TC-H0902	EH0902A030106	17124	\$14,509
95		EH0902A030095	19107	\$14,509
91	286TC-H1002	EH1002A030091	19946	\$15,913
82		EH1002A030082	22136	\$15,913
68	286TC-H1002	EH1002A030068	26693	\$15,913
59		EH1002A030059	30765	\$15,913
57	286TC-H1002	EH1002A030057	31844	\$15,913
50		EH1002A030050	36302	\$15,913
45	286TC-H1302	EH1302A030045	40336	\$20,259
41		EH1302A030041	44271	\$20,259
33	286TC-H1402	EH1402A030033	55004	\$23,923
27		EH1402A030027	67227	\$23,923

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	EH0902A040864	2801	\$17,916
771		EH0902A040771	3139	\$17,916
687	324TC-H0902	EH0902A040687	3523	\$17,916
593		EH0902A040593	4081	\$17,916
533	324TC-H0902	EH0902A040533	4541	\$17,916
477		EH0902A040477	5074	\$17,916
431	324TC-H0902	EH0902A040431	5616	\$17,916
384		EH0902A040384	6303	\$17,916
347	324TC-H0902	EH0902A040347	6975	\$17,916
310		EH0902A040310	7807	\$17,916
266	324TC-H0902	EH0902A040266	9098	\$17,916
238		EH0902A040238	10169	\$17,916
214	324TC-H0902	EH0902A040214	11309	\$17,916
192		EH0902A040192	12605	\$17,916
171	324TC-H0902	EH0902A040171	14153	\$17,916
150		EH0902A040150	16134	\$17,916
138	324TC-H0902	EH0902A040138	17537	\$17,916
121		EH0902A040121	20001	\$17,916
107	324TC-H1002	EH1002A040107	22618	\$20,312
96		EH1002A040096	25210	\$20,312
91	324TC-H1002	EH1002A040091	26595	\$20,312
82		EH1002A040082	29514	\$20,312
69	324TC-H1302	EH1302A040069	35075	\$24,656
62		EH1302A040062	39035	\$24,656
55	324TC-H1302	EH1302A040055	44003	\$24,656
50		EH1302A040050	48403	\$24,656
45	324TC-H1402	EH1402A040045	53781	\$28,486
40		EH1402A040040	60504	\$28,486

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	EH0902A050864	3501	\$19,262
771		EH0902A050771	3924	\$19,262
687	326TC-H0902	EH0902A050687	4403	\$19,262
593		EH0902A050593	5102	\$19,262
533	326TC-H0902	EH0902A050533	5676	\$19,262
477		EH0902A050477	6342	\$19,262
431	326TC-H0902	EH0902A050431	7019	\$19,262
384		EH0902A050384	7878	\$19,262
347	326TC-H0902	EH0902A050347	8718	\$19,262
310		EH0902A050310	9759	\$19,262
266	326TC-H0902	EH0902A050266	11373	\$19,262
238		EH0902A050238	12711	\$19,262
214	326TC-H0902	EH0902A050214	14137	\$19,262
192		EH0902A050192	15756	\$19,262
166	326TC-H1002	EH1002A050166	18224	\$21,658
147		EH1002A050147	20580	\$21,658
141	326TC-H1002	EH1002A050141	21455	\$21,658
124		EH1002A050124	24397	\$21,658
107	326TC-H1002	EH1002A050107	28273	\$21,658
96		EH1002A050096	31513	\$21,658
91	326TC-H1002	EH1002A050091	33244	\$21,658
78	326TC-H1302	EH1302A050078	38785	\$26,002
69		EH1302A050069	43843	\$26,002
62	326TC-H1302	EH1302A050062	48794	\$26,002
55		EH1402A050055	55004	\$29,832
48	326TC-H1402	EH1402A050048	63025	\$29,832
45		EH1402A050045	67227	\$29,832
40	326TC-H1402	EH1402A050040	75630	\$29,832

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt
 Output Torque in Inch Pounds

Premium Efficient (Inverter Rated)

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	143TC-R0402	PR0402A001886	66	\$1,478
806		PR0402A001806	72	\$1,478
699	143TC-R0402	PR0402A001699	84	\$1,478
604		PR0402A001604	97	\$1,478
546	143TC-R0402	PR0402A001546	108	\$1,478
493		PR0402A001493	120	\$1,478
443	143TC-R0402	PR0402A001443	134	\$1,478
396		PR0402A001396	150	\$1,478
353	143TC-R0402	PR0402A001353	170	\$1,478
333		PR0402A001333	185	\$1,478
312	143TC-R0402	PR0402A001312	193	\$1,478
288		PR0402A001288	214	\$1,478
249	143TC-R0402	PR0402A001249	249	\$1,478
225		PR0402A001225	276	\$1,478
203	143TC-R0402	PR0402A001203	307	\$1,478
183		PR0402A001183	342	\$1,478
163	143TC-R0402	PR0402A001163	384	\$1,478
146		PR0402A001146	433	\$1,478
127	143TC-R0402	PR0402A001127	447	\$1,478
105		PR0402A001105	503	\$1,478
88	143TC-R0402	PR0402A001088	575	\$1,478
84		PR0402A001084	606	\$1,478
71	143TC-R0402	PR0402A001071	646	\$1,478
64		PR0402A001064	770	\$1,478
52	143TC-R0402	PR0402A001052	924	\$1,478
41		PR0402A001041	1140	\$1,478
36	143TC-R0402	PR0402A001036	1284	\$1,478
32		PR0402A001032	1576	\$1,478

AC Frequency Operation Specifications

Sterling Electric offers a complete line of Premium Efficient Motors, when used with Helical Gears produce the optimum efficiency level compared to other gear systems available in the market.

Premium Efficient Motors are Suitable for AC Variable Frequency Operation 7:1 Turndown (8.5-60 Hz) Constant Torque with the following specifications:

1. Maximum total line distance between the controller and motor is not to exceed 50 Feet.
2. Maximum switching (carrier) frequency of the control is not to exceed 8 kHz.

Small motors, as referenced in this section, will require varying degrees of voltage "boost" or "forcing" in order to produce rated torque at low frequency operation. Refer to NEMA MG1-1998, Part 31.

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	145TC-R0402	PR0402AY15886	102	\$1,488
806		PR0402AY15806	113	\$1,488
699	145TC-R0402	PR0402AY15699	130	\$1,488
604		PR0402AY15604	150	\$1,488
546	145TC-R0402	PR0402AY15546	166	\$1,488
493		PR0402AY15493	184	\$1,488
443	145TC-R0402	PR0402AY15443	205	\$1,488
396		PR0402AY15396	229	\$1,488
353	145TC-R0402	PR0402AY15353	257	\$1,488
333		PR0402AY15333	273	\$1,488
312	145TC-R0402	PR0402AY15312	291	\$1,488
288		PR0402AY15288	315	\$1,488
249	145TC-R0402	PR0402AY15249	365	\$1,488
225		PR0402AY15225	404	\$1,488
203	145TC-R0402	PR0402AY15203	447	\$1,488
183		PR0402AY15183	496	\$1,488
163	145TC-R0402	PR0402AY15163	557	\$1,488
146		PR0402AY15146	622	\$1,488
127	145TC-R0402	PR0402AY15127	715	\$1,488
105		PR0402AY15105	865	\$1,488
88	145TC-R0402	PR0402AY15088	1032	\$1,488
84		PR0402AY15084	1081	\$1,488
71	145TC-R0402	PR0402AY15071	1279	\$1,488
64		PR0402AY15064	1419	\$1,488
52	145TC-R0402	PR0402AY15052	1746	\$1,488
41		PR0402AY15041	2214	\$1,488
36	145TC-R0602	PR0602AY15036	2522	\$1,758
31		PR0602AY15031	2929	\$1,758

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	145TC-R0402	PR0402A002886	132	\$1,502
806		PR0402A002806	145	\$1,502
699	145TC-R0402	PR0402A002699	168	\$1,502
604		PR0402A002604	195	\$1,502
546	145TC-R0402	PR0402A002546	216	\$1,502
493		PR0402A002493	240	\$1,502
443	145TC-R0402	PR0402A002443	268	\$1,502
396		PR0402A002396	301	\$1,502
353	145TC-R0402	PR0402A002353	339	\$1,502
333		PR0402A002333	370	\$1,502
312	145TC-R0402	PR0402A002312	385	\$1,502
288		PR0402A002288	428	\$1,502
249	145TC-R0402	PR0402A002249	498	\$1,502
225		PR0402A002225	552	\$1,502
203	145TC-R0402	PR0402A002203	614	\$1,502
183		PR0402A002183	685	\$1,502
163	145TC-R0402	PR0402A002163	768	\$1,502
146		PR0402A002146	866	\$1,502
127	145TC-R0402	PR0402A002127	893	\$1,502
105		PR0402A002105	1006	\$1,502
84	145TC-R0402	PR0402A002084	1200	\$1,502
71		PR0402A002071	1287	\$1,502
64	145TC-R0402	PR0402A002064	1519	\$1,502
52		PR0602A002052	1704	\$1,785
41	145TC-R0602	PR0602A002041	2335	\$1,785
38		PR0602A002038	2573	\$1,785
31	145TC-R0602	PR0602A002031	3153	\$1,785

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated)

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	PR0402A003886	205	\$1,812
806		PR0402A003806	225	\$1,812
699	182TC-R0402	PR0402A003699	260	\$1,812
604		PR0402A003604	301	\$1,812
546	182TC-R0402	PR0402A003546	333	\$1,812
493		PR0402A003493	368	\$1,812
443	182TC-R0402	PR0402A003443	410	\$1,812
396		PR0402A003396	459	\$1,812
353	182TC-R0402	PR0402A003353	514	\$1,812
333		PR0402A003333	545	\$1,812
312	182TC-R0402	PR0402A003312	582	\$1,812
288		PR0402A003288	631	\$1,812
249	182TC-R0402	PR0402A003249	729	\$1,812
225		PR0402A003225	807	\$1,812
203	182TC-R0402	PR0402A003203	895	\$1,812
183		PR0402A003183	992	\$1,812
163	182TC-R0402	PR0402A003163	1114	\$1,812
146		PR0402A003146	1244	\$1,812
127	182TC-R0402	PR0402A003127	1430	\$1,812
101	182TC-R0602	PR0602A003101	1798	\$2,095
93		PR0602A003093	1953	\$2,095
84	182TC-R0602	PR0602A003084	2162	\$2,095
69		PR0602A003069	2632	\$2,095
59	182TC-R0602	PR0602A003059	3078	\$2,095
54		PR0602A003054	3363	\$2,095
41	182TC-R0602	PR0602A003041	4429	\$2,095
35	182TC-R0702	PR0702A003035	5188	\$2,715
31	182TC-G0802	PG0802A003031	5858	\$3,740

5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	PR0402A005886	342	\$1,947
806		PR0402A005806	375	\$1,947
699	184TC-R0402	PR0402A005699	433	\$1,947
604		PR0402A005604	501	\$1,947
546	184TC-R0402	PR0402A005546	554	\$1,947
493		PR0402A005493	614	\$1,947
443	184TC-R0402	PR0402A005443	683	\$1,947
396		PR0402A005396	764	\$1,947
353	184TC-R0402	PR0402A005353	857	\$1,947
333		PR0402A005333	909	\$1,947
312	184TC-R0402	PR0402A005312	970	\$1,947
288		PR0402A005288	1051	\$1,947
249	184TC-R0402	PR0402A005249	1215	\$1,947
225		PR0402A005225	1345	\$1,947
203	184TC-R0402	PR0402A005203	1491	\$1,947
183		PR0402A005183	1654	\$1,947
163	184TC-R0402	PR0402A005163	1857	\$1,947
146		PR0402A005146	2073	\$1,947
132	184TC-R0602	PR0602A005132	2293	\$2,158
101	184TC-R0602	PR0602A005101	2996	\$2,158
84		PR0602A005084	3603	\$2,158
78	184TC-R0702	PR0702A005078	3880	\$2,784
63		PR0702A005063	4804	\$2,784
53	184TC-R0702	PR0702A005053	5710	\$2,784
49		PR0702A005049	6176	\$2,784
41	184TC-R0702	PR0702A005041	7381	\$2,784
35	184TC-G0802	PG0802A005035	8647	\$3,806
31		PG0802A005031	9763	\$3,806

7.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	PR0602AY75863	526	\$2,430
771		RP0602AY75771	589	\$2,430
689	213TC-R0602	RP0602AY75689	659	\$2,430
614		RP0602AY75614	739	\$2,430
545	213TC-R0602	PR0602AY75545	833	\$2,430
482		PR0602AY75482	942	\$2,430
443	213TC-R0602	PR0602AY75443	1025	\$2,430
388		PR0602AY75388	1170	\$2,430
354	213TC-R0602	PR0602AY75354	1282	\$2,430
316		PR0602AY75316	1437	\$2,430
306	213TC-R0602	PR0602AY75306	1484	\$2,430
282		PR0602AY75282	1610	\$2,430
251	213TC-R0602	PR0602AY75251	1809	\$2,430
223		PR0602AY75223	2036	\$2,430
198	213TC-R0602	PR0602AY75198	2293	\$2,430
182		PR0602AY75182	2494	\$2,430
159	213TC-R0602	PR0602AY75159	2855	\$2,430
145		PR0602AY75145	3131	\$2,430
132	213TC-R0602	PR0602AY75132	3439	\$2,430
125	213TC-R0702	PR0702AY75125	3632	\$3,684
106		PR0702AY75106	4283	\$3,684
100	213TC-R0702	PR0702AY75100	4540	\$3,684
89		PR0702AY75089	5100	\$3,684
78	213TC-R0702	PR0702AY75078	5820	\$3,684
63		PR0702AY75063	7206	\$3,684
53	213TC-G0802	PG0802AY75053	8565	\$4,042
48		PG0802AY75048	9458	\$4,042
36	213TC-G0802	PG0802AY75036	12610	\$4,042
31	213TC-H0902	PH0902AY75031	14644	\$5,943

10 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	PR0602A010863	701	\$2,717
771		PR0602A010771	785	\$2,717
689	215TC-R0602	PR0602A010689	878	\$2,717
614		PR0602A010614	986	\$2,717
545	215TC-R0602	PR0602A010545	1111	\$2,717
482		PR0602A010482	1256	\$2,717
443	215TC-R0602	PR0602A010443	1366	\$2,717
388		PR0602A010388	1560	\$2,717
354	215TC-R0602	PR0602A010354	1710	\$2,717
316		PR0602A010316	1915	\$2,717
306	215TC-R0602	PR0602A010306	1978	\$2,717
282		PR0602A010282	2146	\$2,717
251	215TC-R0602	PR0602A010251	2411	\$2,717
223		PR0602A010223	2714	\$2,717
198	215TC-R0602	PR0602A010198	3057	\$2,717
182		PR0602A010182	3326	\$2,717
157	215TC-R0702	PR0702A010157	3855	\$3,973
137		PR0702A010137	4418	\$3,973
125	215TC-R0702	PR0702A010125	4842	\$3,973
106		PR0702A010106	5710	\$3,973
100	215TC-R0702	PR0702A010100	6053	\$3,973
84	215TC-G0802	PG0802A010084	7206	\$4,332
75		PG0802A010075	8070	\$4,332
62	215TC-G0802	PG0802A010062	9763	\$4,332
53		PG0802A010053	11420	\$4,332
48	215TC-G0802	PG0802A010048	12610	\$4,332
39	215TC-H0902	PH0902A010039	15520	\$6,232
35		PH0902A010035	17294	\$6,232
30	215TC-H1002	PH1002A010030	20176	\$10,310

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated)

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	PR0702A015902	1006	\$5,140
806		PR0702A015806	1126	\$5,140
719	254TC-R0702	PR0702A015719	1263	\$5,140
640		PR0702A015640	1418	\$5,140
568	254TC-R0702	PR0702A015568	1598	\$5,140
502		PR0702A015502	1808	\$5,140
461	254TC-R0702	PR0702A015461	1969	\$5,140
404		PR0702A015404	2247	\$5,140
351	254TC-R0702	PR0702A015351	2586	\$5,140
318		PR0702A015318	2855	\$5,140
280	254TC-R0702	PR0702A015280	3242	\$5,140
249		PR0702A015249	3646	\$5,140
221	254TC-R0702	PR0702A015221	4108	\$5,140
196		PR0702A015196	4632	\$5,140
180	254TC-R0702	PR0702A015180	5044	\$5,140
135	254TC-G0802	PG0802A015135	7006	\$5,316
116		PG0802A015116	8153	\$5,316
105	254TC-G0802	PG0802A015105	9007	\$5,316
96		PG0802A015096	9851	\$5,316
85	254TC-G0802	PG0802A015085	11126	\$5,316
75		PG0802A015075	12610	\$5,316
61	254TC-H0902	PH0902A015061	14116	\$8,146
54		PH0902A015054	17514	\$8,146
49	254TC-H0902	PH0902A015049	19301	\$8,146
41		PH0902A015041	23067	\$8,146
37	254TC-H0902	PH0902A015037	25561	\$8,146
30		PH1002A015030	31525	\$13,525

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	PR0702A020902	1342	\$5,514
806		PR0702A020806	1502	\$5,514
719	256TC-R0702	PR0702A020719	1684	\$5,514
640		PR0702A020640	1892	\$5,514
568	256TC-R0702	PR0702A020568	2131	\$5,514
502		PR0702A020502	2411	\$5,514
461	256TC-R0702	PR0702A020461	2626	\$5,514
404		PR0702A020404	2996	\$5,514
351	256TC-R0702	PR0702A020351	3448	\$5,514
318		PR0702A020318	3806	\$5,514
280	256TC-R0702	PR0702A020280	4323	\$5,514
249		PR0702A020249	4862	\$5,514
210	256TC-G0802	PG0802A020210	5765	\$5,681
187		PG0802A020187	6474	\$5,681
153	256TC-G0802	PG0802A020153	8242	\$5,681
135		PG0802A020135	9341	\$5,681
116	256TC-G0802	PG0802A020116	10871	\$5,681
105		PG0802A020105	12010	\$5,681
95	256TC-H0902	PH0902A020095	13274	\$8,515
85		PH0902A020085	14835	\$8,515
77	256TC-H0902	PH0902A020077	16377	\$8,515
58		PH1002A020058	21741	\$12,160
49	256TC-H1002	PH1002A020049	25735	\$12,160
45		PH1002A020045	28022	\$12,160
40	256TC-H1002	PH1002A020040	31525	\$12,160
36		PH1002A020036	35028	\$12,160
29	256TC-H1302	PH1302A020029	43483	\$17,756

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	PH0902A025864	1751	\$10,157
771		PH0902A025771	1962	\$10,157
687	284TC-H0902	PH0902A025687	2202	\$10,157
593		PH0902A025593	2551	\$10,157
533	284TC-H0902	PH0902A025533	2838	\$10,157
477		PH0902A025477	3171	\$10,157
431	284TC-H0902	PH0902A025431	3510	\$10,157
384		PH0902A025384	3939	\$10,157
347	284TC-H0902	PH0902A025347	4359	\$10,157
310		PH0902A025310	4879	\$10,157
266	284TC-H0902	PH0902A025266	5686	\$10,157
238		PH0902A025238	6355	\$10,157
214	284TC-H0902	PH0902A025214	7068	\$10,157
192		PH0902A025192	7878	\$10,157
171	284TC-H0902	PH0902A025171	8846	\$10,157
150		PH0902A025150	10084	\$10,157
138	284TC-H0902	PH0902A025138	10961	\$10,157
121		PH0902A025121	12501	\$10,157
106	284TC-H0902	PH0902A025106	14270	\$10,157
95		PH0902A025095	15922	\$10,157
85	284TC-H0902	PH0902A025085	17795	\$10,157
77		PH0902A025077	19644	\$10,157
68	284TC-H1002	PH1002A025068	22244	\$13,574
59		PH1002A025059	25637	\$13,574
57	284TC-H1002	PH1002A025057	26537	\$13,574
50		PH1002A025050	30252	\$13,574
47	284TC-H1002	PH1002A025047	32183	\$13,574
41		PH1302A025041	36893	\$18,206
34	284TC-H1302	PH1302A025034	44488	\$18,206
27		PH1402A025027	56022	\$24,173

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	PH0902A030864	2101	\$10,586
771		PH0902A030771	2354	\$10,586
687	286TC-H0902	PH0902A030687	2642	\$10,586
593		PH0902A030593	3061	\$10,586
533	286TC-H0902	PH0902A030533	3405	\$10,586
477		PH0902A030477	3805	\$10,586
431	286TC-H0902	PH0902A030431	4211	\$10,586
384		PH0902A030384	4727	\$10,586
347	286TC-H0902	PH0902A030347	5231	\$10,586
310		PH0902A030310	5855	\$10,586
266	286TC-H0902	PH0902A030266	6824	\$10,586
238		PH0902A030238	7627	\$10,586
214	286TC-H0902	PH0902A030214	8482	\$10,586
192		PH0902A030192	9454	\$10,586
171	286TC-H0902	PH0902A030171	10615	\$10,586
150		PH0902A030150	12101	\$10,586
138	286TC-H0902	PH0902A030138	13153	\$10,586
121		PH0902A030121	15001	\$10,586
106	286TC-H0902	PH0902A030106	17124	\$10,586
95		PH0902A030095	19107	\$10,586
91	286TC-H1002	PH1002A030091	19946	\$14,265
82		PH1002A030082	22136	\$14,265
68	286TC-H1002	PH1002A030068	26693	\$14,265
59		PH1002A030059	30765	\$14,265
57	286TC-H1002	PH1002A030057	31844	\$14,265
50		PH1002A030050	36302	\$14,265
45	286TC-H1302	PH1302A030045	40336	\$18,495
41		PH1302A030041	44271	\$18,495
33	286TC-H1402	PH1402A030033	55004	\$24,456
27		PH1402A030027	67227	\$24,456

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated)

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	PH0902A040864	2801	\$12,414
771		PH0902A040771	3139	\$12,414
687	324TC-H0902	PH0902A040687	3523	\$12,414
593		PH0902A040593	4081	\$12,414
533	324TC-H0902	PH0902A040533	4541	\$12,414
477		PH0902A040477	5074	\$12,414
431	324TC-H0902	PH0902A040431	5616	\$12,414
384		PH0902A040384	6303	\$12,414
347	324TC-H0902	PH0902A040347	6975	\$12,414
310		PH0902A040310	7807	\$12,414
266	324TC-H0902	PH0902A040266	9098	\$12,414
238		PH0902A040238	10169	\$12,414
214	324TC-H0902	PH0902A040214	11309	\$12,414
192		PH0902A040192	12605	\$12,414
171	324TC-H0902	PH0902A040171	14153	\$12,414
150		PH0902A040150	16134	\$12,414
138	324TC-H0902	PH0902A040138	17537	\$12,414
121		PH0902A040121	20001	\$12,414
107	324TC-H1002	PH1002A040107	22618	\$16,196
96		PH1002A040096	25210	\$16,196
91	324TC-H1002	PH1002A040091	26595	\$16,196
82		PH1002A040082	29514	\$16,196
69	324TC-H1302	PH1302A040069	35075	\$21,824
62		PH1302A040062	39035	\$21,824
55	324TC-H1302	PH1302A040055	44003	\$21,824
50		PH1302A040050	48403	\$21,824
45	324TC-H1402	PH1402A040045	53781	\$26,943
40		PH1402A040040	60504	\$26,943

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	PH0902A050864	3501	\$13,905
771		PH0902A050771	3924	\$13,905
687	326TC-H0902	PH0902A050687	4403	\$13,905
593		PH0902A050593	5102	\$13,905
533	326TC-H0902	PH0902A050533	5676	\$13,905
477		PH0902A050477	6342	\$13,905
431	326TC-H0902	PH0902A050431	7019	\$13,905
384		PH0902A050384	7878	\$13,905
347	326TC-H0902	PH0902A050347	8718	\$13,905
310		PH0902A050310	9759	\$13,905
266	326TC-H0902	PH0902A050266	11373	\$13,905
238		PH0902A050238	12711	\$13,905
214	326TC-H0902	PH0902A050214	14137	\$13,905
192		PH0902A050192	15756	\$13,905
166	326TC-H1002	PH1002A050166	18224	\$16,826
147		PH1002A050147	20580	\$16,826
141	326TC-H1002	PH1002A050141	21455	\$16,826
124		PH1002A050124	24397	\$16,826
107	326TC-H1002	PH1002A050107	28273	\$16,826
96		PH1002A050096	31513	\$16,826
91	326TC-H1002	PH1002A050091	33244	\$16,826
78	326TC-H1302	PH1302A050078	38785	\$22,454
69		PH1302A050069	43843	\$22,454
62	326TC-H1302	PH1302A050062	48794	\$22,454
55		PH1402A050055	55004	\$27,579
48	326TC-H1402	PH1402A050048	63025	\$27,579
45		PH1402A050045	67227	\$27,579
40	326TC-H1402	PH1402A050040	75630	\$27,579

60 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	364TC-H1302	PH1302A060606	5990	\$24,674
552		PH1302A060552	6577	\$24,674
484	364TC-H1302	PH1302A060484	7500	\$24,674
437		PH1302A060437	8307	\$24,674
398	364TC-H1302	PH1302A060398	9121	\$24,674
349		PH1302A060349	10402	\$24,674
318	364TC-H1302	PH1302A060318	11416	\$24,674
256		PH1302A060256	14181	\$24,674
226	364TC-H1302	PH1302A060226	16063	\$24,674
204		PH1302A060204	17795	\$24,674
178	364TC-H1302	PH1302A060178	20395	\$24,674
157		PH1302A060157	23123	\$24,674
142	364TC-H1302	PH1302A060142	25565	\$24,674
125		PH1302A060125	29042	\$24,674
110	364TC-H1302	PH1302A060110	33002	\$24,674
98		PH1302A060098	37043	\$24,674
87	364TC-H1402	PH1402A060087	41727	\$29,650
79		PH1402A060073	45952	\$29,650
68	364TC-H1402	PH1402A060068	53386	\$29,650
60		PH1402A060060	60504	\$29,650

75 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	365TC-H1302	PH1302A075606	7488	\$25,840
552		PH1302A075552	8221	\$25,840
484	365TC-H1302	PH1302A075484	9376	\$25,840
437		PH1302A075437	10384	\$25,840
398	365TC-H1302	PH1302A075398	11402	\$25,840
349		PH1302A075349	13002	\$25,840
318	365TC-H1302	PH1302A075318	14270	\$25,840
283		PH1302A075283	16035	\$25,840
256	365TC-H1302	PH1302A075256	17726	\$25,840
226		PH1302A075226	20079	\$25,840
204	365TC-H1302	PH1302A075204	22244	\$25,840
178		PH1302A075178	25493	\$25,840
157	365TC-H1302	PH1302A075157	28903	\$25,840
142		PH1302A075142	31956	\$25,840
125	365TC-H1302	PH1302A075125	36302	\$25,840
107		PH1402A075107	42409	\$30,818
97	365TC-H1402	PH1402A075097	46781	\$30,818
87		PH1402A075087	52159	\$30,818
79	365TC-H1402	PH1402A075079	57441	\$30,818

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated) - Sterli-Seal® Washdown Duty

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	143TC-R0402	SPR0402A001886	66	\$1,626
806		SPR0402A001806	72	\$1,626
699	143TC-R0402	SPR0402A001699	84	\$1,626
604		SPR0402A001604	97	\$1,626
546	143TC-R0402	SPR0402A001546	108	\$1,626
493		SPR0402A001493	120	\$1,626
443	143TC-R0402	SPR0402A001443	134	\$1,626
396		SPR0402A001396	150	\$1,626
353	143TC-R0402	SPR0402A001353	170	\$1,626
333		SPR0402A001333	185	\$1,626
312	143TC-R0402	SPR0402A001312	193	\$1,626
288		SPR0402A001288	214	\$1,626
249	143TC-R0402	SPR0402A001249	249	\$1,626
225		SPR0402A001225	276	\$1,626
203	143TC-R0402	SPR0402A001203	307	\$1,626
183		SPR0402A001183	342	\$1,626
163	143TC-R0402	SPR0402A001163	384	\$1,626
146		SPR0402A001146	433	\$1,626
127	143TC-R0402	SPR0402A001127	447	\$1,626
105		SPR0402A001105	503	\$1,626
88	143TC-R0402	SPR0402A001088	575	\$1,626
84		SPR0402A001084	606	\$1,626
71	143TC-R0402	SPR0402A001071	646	\$1,626
64		SPR0402A001064	770	\$1,626
52	143TC-R0402	SPR0402A001052	924	\$1,626
41		SPR0402A001041	1140	\$1,626
36	143TC-R0402	SPR0402A001036	1284	\$1,626
32		SPR0402A001032	1576	\$1,626

AC Frequency Operation Specifications

Sterling Electric offers a complete line of Premium Efficient Motors, when used with Helical Gears produce the optimum efficiency level compared to other gear systems available in the market.

Premium Efficient Motors are Suitable for AC Variable Frequency Operation 7:1 Turndown (8.5-60 Hz) Constant Torque with the following specifications:

- Maximum total line distance between the controller and motor is not to exceed 50 Feet.
- Maximum switching (carrier) frequency of the control is not to exceed 8 kHz.

Small motors, as referenced in this section, will require varying degrees of voltage "boost" or "forcing" in order to produce rated torque at low frequency operation. Refer to NEMA MG1-1998, Part 31.

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	145TC-R0402	SPR0402AY15886	102	\$1,636
806		SPR0402AY15806	113	\$1,636
699	145TC-R0402	SPR0402AY15699	130	\$1,636
604		SPR0402AY15604	150	\$1,636
546	145TC-R0402	SPR0402AY15546	166	\$1,636
493		SPR0402AY15493	184	\$1,636
443	145TC-R0402	SPR0402AY15443	205	\$1,636
396		SPR0402AY15396	229	\$1,636
353	145TC-R0402	SPR0402AY15353	257	\$1,636
333		SPR0402AY15333	273	\$1,636
312	145TC-R0402	SPR0402AY15312	291	\$1,636
288		SPR0402AY15288	315	\$1,636
249	145TC-R0402	SPR0402AY15249	365	\$1,636
225		SPR0402AY15225	404	\$1,636
203	145TC-R0402	SPR0402AY15203	447	\$1,636
183		SPR0402AY15183	496	\$1,636
163	145TC-R0402	SPR0402AY15163	557	\$1,636
146		SPR0402AY15146	622	\$1,636
127	145TC-R0402	SPR0402AY15127	715	\$1,636
105		SPR0402AY15105	865	\$1,636
88	145TC-R0402	SPR0402AY15088	1032	\$1,636
84		SPR0402AY15084	1081	\$1,636
71	145TC-R0402	SPR0402AY15071	1279	\$1,636
64		SPR0402AY15064	1419	\$1,636
52	145TC-R0402	SPR0402AY15052	1746	\$1,636
41		SPR0402AY15041	2214	\$1,636
36	145TC-R0602	SPR0602AY15036	2522	\$1,952
31	145TC-R0602	SPR0602AY15031	2929	\$1,952

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	145TC-R0402	SPR0402A002886	132	\$1,653
806		SPR0402A002806	145	\$1,653
699	145TC-R0402	SPR0402A002699	168	\$1,653
604		SPR0402A002604	195	\$1,653
546	145TC-R0402	SPR0402A002546	216	\$1,653
493		SPR0402A002493	240	\$1,653
443	145TC-R0402	SPR0402A002443	268	\$1,653
396		SPR0402A002396	301	\$1,653
353	145TC-R0402	SPR0402A002353	339	\$1,653
333		SPR0402A002333	370	\$1,653
312	145TC-R0402	SPR0402A002312	385	\$1,653
288		SPR0402A002288	428	\$1,653
249	145TC-R0402	SPR0402A002249	498	\$1,653
225		SPR0402A002225	552	\$1,653
203	145TC-R0402	SPR0402A002203	614	\$1,653
183		SPR0402A002183	685	\$1,653
163	145TC-R0402	SPR0402A002163	768	\$1,653
146		SPR0402A002146	866	\$1,653
127	145TC-R0402	SPR0402A002127	893	\$1,653
105		SPR0402A002105	1006	\$1,653
84	145TC-R0402	SPR0402A002084	1200	\$1,653
71		SPR0402A002071	1287	\$1,653
64	145TC-R0402	SPR0402A002064	1519	\$1,653
52		SPR0602A002052	1704	\$1,962
41	145TC-R0602	SPR0602A002041	2335	\$1,962
38		SPR0602A002038	2573	\$1,962
31	145TC-R0602	SPR0602A002031	3153	\$1,962

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated) - Sterli-Seal® Washdown Duty

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	SPR0402A003886	205	\$1,947
806		SPR0402A003806	225	\$1,947
699	182TC-R0402	SPR0402A003699	260	\$1,947
604		SPR0402A003604	301	\$1,947
546	182TC-R0402	SPR0402A003546	333	\$1,947
493		SPR0402A003493	368	\$1,947
443	182TC-R0402	SPR0402A003443	410	\$1,947
396		SPR0402A003396	459	\$1,947
353	182TC-R0402	SPR0402A003353	514	\$1,947
333		SPR0402A003333	545	\$1,947
312	182TC-R0402	SPR0402A003312	582	\$1,947
288		SPR0402A003288	631	\$1,947
249	182TC-R0402	SPR0402A003249	729	\$1,947
225		SPR0402A003225	807	\$1,947
203	182TC-R0402	SPR0402A003203	895	\$1,947
183		SPR0402A003183	992	\$1,947
163	182TC-R0402	SPR0402A003163	1114	\$1,947
146		SPR0402A003146	1244	\$1,947
127	182TC-R0402	SPR0402A003127	1430	\$1,947
101	182TC-R0602	SPR0602A003101	1798	\$2,158
93		SPR0602A003093	1953	\$2,158
84	182TC-R0602	SPR0602A003084	2162	\$2,158
69		SPR0602A003069	2632	\$2,158
59	182TC-R0602	SPR0602A003059	3078	\$2,158
54		SPR0602A003054	3363	\$2,158
41	182TC-R0602	SPR0602A003041	4429	\$2,158
35	182TC-R0702	SPR0702A003035	5188	\$2,784
31	182TC-G0802	SPG0802A003031	5858	\$3,806

5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	SPR0402A005886	342	\$1,992
806		SPR0402A005806	375	\$1,992
699	184TC-R0402	SPR0402A005699	433	\$1,992
604		SPR0402A005604	501	\$1,992
546	184TC-R0402	SPR0402A005546	554	\$1,992
493		SPR0402A005493	614	\$1,992
443	184TC-R0402	SPR0402A005443	683	\$1,992
396		SPR0402A005396	764	\$1,992
353	184TC-R0402	SPR0402A005353	857	\$1,992
333		SPR0402A005333	909	\$1,992
312	184TC-R0402	SPR0402A005312	970	\$1,992
288		SPR0402A005288	1051	\$1,992
249	184TC-R0402	SPR0402A005249	1215	\$1,992
225		SPR0402A005225	1345	\$1,992
203	184TC-R0402	SPR0402A005203	1491	\$1,992
183		SPR0402A005183	1654	\$1,992
163	184TC-R0402	SPR0402A005163	1857	\$1,992
146		SPR0402A005146	2073	\$1,992
132	184TC-R0602	SPR0602A005132	2293	\$2,302
101		SPR0602A005101	2996	\$2,302
84	184TC-R0602	SPR0602A005084	3603	\$2,302
78	184TC-R0702	SPR0702A005078	3880	\$2,982
63		SPR0702A005063	4804	\$2,982
53	184TC-R0702	SPR0702A005053	5710	\$2,982
49		SPR0702A005049	6176	\$2,982
41	184TC-R0702	SPR0702A005041	7381	\$2,982
35	184TC-G0802	SPG0802A005035	8647	\$4,110
31		SPG0802A005031	9763	\$4,110

7.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	SPR0602AY75863	526	\$2,595
771		SPR0602AY75771	589	\$2,595
689	213TC-R0602	SPR0602AY75689	659	\$2,595
614		SPR0602AY75614	739	\$2,595
545	213TC-R0602	SPR0602AY75545	833	\$2,595
482		SPR0602AY75482	942	\$2,595
443	213TC-R0602	SPR0602AY75443	1025	\$2,595
388		SPR0602AY75388	1170	\$2,595
354	213TC-R0602	SPR0602AY75354	1282	\$2,595
316		SPR0602AY75316	1437	\$2,595
306	213TC-R0602	SPR0602AY75306	1484	\$2,595
282		SPR0602AY75282	1610	\$2,595
251	213TC-R0602	SPR0602AY75251	1809	\$2,595
223		SPR0602AY75223	2036	\$2,595
198	213TC-R0602	SPR0602AY75198	2293	\$2,595
182		SPR0602AY75182	2494	\$2,595
159	213TC-R0602	SPR0602AY75159	2855	\$2,595
145		SPR0602AY75145	3131	\$2,595
132	213TC-R0602	SPR0602AY75132	3439	\$2,595
125	213TC-R0702	SPR0702AY75125	3632	\$4,052
106		SPR0702AY75106	4283	\$4,052
100	213TC-R0702	SPR0702AY75100	4540	\$4,052
89		SPR0702AY75089	5100	\$4,052
78	213TC-R0702	SPR0702AY75078	5820	\$4,052
63		SPR0702AY75063	7206	\$4,052
53	213TC-G0802	SPG0802AY75053	8565	\$4,444
48		SPG0802AY75048	9458	\$4,444
36	213TC-G0802	SPG0802AY75036	12610	\$4,444
31	213TC-H0902	SPH0902AY75031	14644	\$6,533

10 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	SPR0602A010863	701	\$2,988
771		SPR0602A010771	785	\$2,988
689	215TC-R0602	SPR0602A010689	878	\$2,988
614		SPR0602A010614	986	\$2,988
545	215TC-R0602	SPR0602A010545	1111	\$2,988
482		SPR0602A010482	1256	\$2,988
443	215TC-R0602	SPR0602A010443	1366	\$2,988
388		SPR0602A010388	1560	\$2,988
354	215TC-R0602	SPR0602A010354	1710	\$2,988
316		SPR0602A010316	1915	\$2,988
306	215TC-R0602	SPR0602A010306	1978	\$2,988
282		SPR0602A010282	2146	\$2,988
251	215TC-R0602	SPR0602A010251	2411	\$2,988
223		SPR0602A010223	2714	\$2,988
198	215TC-R0602	SPR0602A010198	3057	\$2,988
182		SPR0602A010182	3326	\$2,988
157	215TC-R0702	SPR0702A010157	3855	\$4,367
137		SPR0702A010137	4418	\$4,367
125	215TC-R0702	SPR0702A010125	4842	\$4,367
106		SPR0702A010106	5710	\$4,367
100	215TC-R0702	SPR0702A010100	6053	\$4,367
84	215TC-G0802	SPG0802A010084	7206	\$4,765
75		SPG0802A010075	8070	\$4,765
62	215TC-G0802	SPG0802A010062	9763	\$4,765
53		SPG0802A010053	11420	\$4,765
48	215TC-G0802	SPG0802A010048	12610	\$4,765
39	215TC-H0902	SPH0902A010039	15520	\$6,851
35		SPH0902A010035	17294	\$6,851
30	215TC-H1002	SPH1002A010030	20176	\$11,336

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated) - Sterli-Seal® Washdown Duty

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	SPR0702A015902	1006	\$5,652
806		SPR0702A015806	1126	\$5,652
719		SPR0702A015719	1263	\$5,652
640		SPR0702A015640	1418	\$5,652
568	254TC-R0702	SPR0702A015568	1598	\$5,652
502		SPR0702A015502	1808	\$5,652
461		SPR0702A015461	1969	\$5,652
404		SPR0702A015404	2247	\$5,652
351	254TC-R0702	SPR0702A015351	2586	\$5,652
318		SPR0702A015318	2855	\$5,652
280		SPR0702A015280	3242	\$5,652
249		SPR0702A015249	3646	\$5,652
221	254TC-R0702	SPR0702A015221	4108	\$5,652
196		SPR0702A015196	4632	\$5,652
180		SPR0702A015180	5044	\$5,652
135	254TC-G0802	SPG0802A015135	7006	\$5,843
116		SPG0802A015116	8153	\$5,843
105		SPG0802A015105	9007	\$5,843
96		SPG0802A015096	9851	\$5,843
85	254TC-G0802	SPG0802A015085	11126	\$5,843
75		SPG0802A015075	12610	\$5,843
61	254TC-H0902	SPH0902A015061	14116	\$8,957
54		SPH0902A015054	17514	\$8,957
49		SPH0902A015049	19301	\$8,957
41		SPH0902A015041	23067	\$8,957
37	254TC-H0902	SPH0902A015037	25561	\$8,957
30		SPH1002A015030	31525	\$15,606

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	SPR0702A020902	1342	\$6,062
806		SPR0702A020806	1502	\$6,062
719		SPR0702A020719	1684	\$6,062
640		SPR0702A020640	1892	\$6,062
568	256TC-R0702	SPR0702A020568	2131	\$6,062
502		SPR0702A020502	2411	\$6,062
461		SPR0702A020461	2626	\$6,062
404		SPR0702A020404	2996	\$6,062
351	256TC-R0702	SPR0702A020351	3448	\$6,062
318		SPR0702A020318	3806	\$6,062
280		SPR0702A020280	4323	\$6,062
249		SPR0702A020249	4862	\$6,062
210	256TC-G0802	SPG0802A020210	5765	\$6,248
187		SPG0802A020187	6474	\$6,248
153		SPG0802A020153	8242	\$6,248
135		SPG0802A020135	9341	\$6,248
116	256TC-G0802	SPG0802A020116	10871	\$6,248
105		SPG0802A020105	12010	\$6,248
95	256TC-H0902	SPH0902A020095	13274	\$9,360
85		SPH0902A020085	14835	\$9,360
77		SPH0902A020077	16377	\$9,360
58	256TC-H1002	SPH1002A020058	21741	\$13,370
49		SPH1002A020049	25735	\$13,370
45		SPH1002A020045	28022	\$13,370
40		SPH1002A020040	31525	\$13,370
36	256TC-H1002	SPH1002A020036	35028	\$13,370
29		SPH1302A020029	43483	\$19,522

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	SPH0902A025864	1751	\$11,166
771		SPH0902A025771	1962	\$11,166
687		SPH0902A025687	2202	\$11,166
593		SPH0902A025593	2551	\$11,166
533	284TC-H0902	SPH0902A025533	2838	\$11,166
477		SPH0902A025477	3171	\$11,166
431		SPH0902A025431	3510	\$11,166
384		SPH0902A025384	3939	\$11,166
347	284TC-H0902	SPH0902A025347	4359	\$11,166
310		SPH0902A025310	4879	\$11,166
266		SPH0902A025266	5686	\$11,166
238		SPH0902A025238	6355	\$11,166
214	284TC-H0902	SPH0902A025214	7068	\$11,166
192		SPH0902A025192	7878	\$11,166
171		SPH0902A025171	8846	\$11,166
150		SPH0902A025150	10084	\$11,166
138	284TC-H0902	SPH0902A025138	10961	\$11,166
121		SPH0902A025121	12501	\$11,166
106		SPH0902A025106	14270	\$11,166
95		SPH0902A025095	15922	\$11,166
85	284TC-H0902	SPH0902A025085	17795	\$11,166
77		SPH0902A025077	19644	\$11,166
68	284TC-H1002	SPH1002A025068	22244	\$14,924
59		SPH1002A025059	25637	\$14,924
57		SPH1002A025057	26537	\$14,924
50		SPH1002A025050	30252	\$14,924
47	284TC-H1002	SPH1002A025047	32183	\$14,924
41		SPH1302A025041	36893	\$20,014
34		SPH1302A025034	44488	\$20,014
27		SPH1402A025027	56022	\$26,578

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	SPH0902A030864	2101	\$11,640
771		SPH0902A030771	2354	\$11,640
687		SPH0902A030687	2642	\$11,640
593		SPH0902A030593	3061	\$11,640
533	286TC-H0902	SPH0902A030533	3405	\$11,640
477		SPH0902A030477	3805	\$11,640
431		SPH0902A030431	4211	\$11,640
384		SPH0902A030384	4727	\$11,640
347	286TC-H0902	SPH0902A030347	5231	\$11,640
310		SPH0902A030310	5855	\$11,640
266		SPH0902A030266	6824	\$11,640
238		SPH0902A030238	7627	\$11,640
214	286TC-H0902	SPH0902A030214	8482	\$11,640
192		SPH0902A030192	9454	\$11,640
171		SPH0902A030171	10615	\$11,640
150		SPH0902A030150	12101	\$11,640
138	286TC-H0902	SPH0902A030138	13153	\$11,640
121		SPH0902A030121	15001	\$11,640
106		SPH0902A030106	17124	\$11,640
95		SPH0902A030095	19107	\$11,640
91	286TC-H1002	SPH1002A030091	19946	\$15,684
82		SPH1002A030082	22136	\$15,684
68		SPH1002A030068	26693	\$15,684
59		SPH1002A030059	30765	\$15,684
57	286TC-H1002	SPH1002A030057	31844	\$15,684
50		SPH1002A030050	36302	\$15,684
45	286TC-H1302	SPH1302A030045	40336	\$20,332
41		SPH1302A030041	44271	\$20,332
33	286TC-H1402	SPH1402A030033	55004	\$26,890
27		SPH1402A030027	67227	\$26,890

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

Premium Efficient (Inverter Rated) - Sterli-Seal® Washdown Duty

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	SPH0902A040864	2801	\$13,648
771		SPH0902A040771	3139	\$13,648
687	324TC-H0902	SPH0902A040687	3523	\$13,648
593		SPH0902A040593	4081	\$13,648
533	324TC-H0902	SPH0902A040533	4541	\$13,648
477		SPH0902A040477	5074	\$13,648
431	324TC-H0902	SPH0902A040431	5616	\$13,648
384		SPH0902A040384	6303	\$13,648
347	324TC-H0902	SPH0902A040347	6975	\$13,648
310		SPH0902A040310	7807	\$13,648
266	324TC-H0902	SPH0902A040266	9098	\$13,648
238		SPH0902A040238	10169	\$13,648
214	324TC-H0902	SPH0902A040214	11309	\$13,648
192		SPH0902A040192	12605	\$13,648
171	324TC-H0902	SPH0902A040171	14153	\$13,648
150		SPH0902A040150	16134	\$13,648
138	324TC-H0902	SPH0902A040138	17537	\$13,648
121		SPH0902A040121	20001	\$13,648
107	324TC-H1002	SPH1002A040107	22618	\$17,806
96		SPH1002A040096	25210	\$17,806
91	324TC-H1002	SPH1002A040091	26595	\$17,806
82		SPH1002A040082	29514	\$17,806
69	324TC-H1302	SPH1302A040069	35075	\$23,993
62		SPH1302A040062	39035	\$23,993
55	324TC-H1302	SPH1302A040055	44003	\$23,993
50		SPH1302A040050	48403	\$23,993
45	324TC-H1402	SPH1402A040045	53781	\$29,624
40		SPH1402A040040	60504	\$29,624

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	SPH0902A050864	3501	\$15,287
771		SPH0902A050771	3924	\$15,287
687	326TC-H0902	SPH0902A050687	4403	\$15,287
593		SPH0902A050593	5102	\$15,287
533	326TC-H0902	SPH0902A050533	5676	\$15,287
477		SPH0902A050477	6342	\$15,287
431	326TC-H0902	SPH0902A050431	7019	\$15,287
384		SPH0902A050384	7878	\$15,287
347	326TC-H0902	SPH0902A050347	8718	\$15,287
310		SPH0902A050310	9759	\$15,287
266	326TC-H0902	SPH0902A050266	11373	\$15,287
238		SPH0902A050238	12711	\$15,287
214	326TC-H0902	SPH0902A050214	14137	\$15,287
192		SPH0902A050192	15756	\$15,287
166	326TC-H1002	SPH1002A050166	18224	\$18,500
147		SPH1002A050147	20580	\$18,500
141	326TC-H1002	SPH1002A050141	21455	\$18,500
124		SPH1002A050124	24397	\$18,500
107	326TC-H1002	SPH1002A050107	28273	\$18,500
96		SPH1002A050096	31513	\$18,500
91	326TC-H1002	SPH1002A050091	33244	\$18,500
78		SPH1302A050078	38785	\$24,686
69	326TC-H1302	SPH1302A050069	43843	\$24,686
62		SPH1302A050062	48794	\$24,686
55	326TC-H1402	SPH1402A050055	55004	\$30,320
48		SPH1402A050048	63025	\$30,320
45	326TC-H1402	SPH1402A050045	67227	\$30,320
40		SPH1402A050040	75630	\$30,320

60 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	364TC-H1302	SPH1302A060606	5990	\$24,674
552		SPH1302A060552	6577	\$24,674
484	364TC-H1302	SPH1302A060484	7500	\$24,674
437		SPH1302A060437	8307	\$24,674
398	364TC-H1302	SPH1302A060398	9121	\$24,674
349		SPH1302A060349	10402	\$24,674
318	364TC-H1302	SPH1302A060318	11416	\$24,674
256		SPH1302A060256	14181	\$24,674
226	364TC-H1302	SPH1302A060226	16063	\$24,674
204		SPH1302A060204	17795	\$24,674
178	364TC-H1302	SPH1302A060178	20395	\$24,674
157		SPH1302A060157	23123	\$24,674
142	364TC-H1302	SPH1302A060142	25565	\$24,674
125		SPH1302A060125	29042	\$24,674
110	364TC-H1302	SPH1302A060110	33002	\$24,674
98		SPH1302A060098	37043	\$24,674
87	364TC-H1402	SPH1402A060087	41727	\$29,650
79		SPH1402A060073	45952	\$29,650
68	364TC-H1402	SPH1402A060068	53386	\$29,650
60		SPH1402A060060	60504	\$29,650

75 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	365TC-H1302	SPH1302A075606	7488	\$25,838
552		SPH1302A075552	8221	\$25,838
484	365TC-H1302	SPH1302A075484	9376	\$25,838
437		SPH1302A075437	10384	\$25,838
398	365TC-H1302	SPH1302A075398	11402	\$25,838
349		SPH1302A075349	13002	\$25,838
318	365TC-H1302	SPH1302A075318	14270	\$25,838
283		SPH1302A075283	16035	\$25,838
256	365TC-H1302	SPH1302A075256	17726	\$25,838
226		SPH1302A075226	20079	\$25,838
204	365TC-H1302	SPH1302A075204	22244	\$25,838
178		SPH1302A075178	25493	\$25,838
157	365TC-H1302	SPH1302A075157	28903	\$25,838
142		SPH1302A075142	31956	\$25,838
125	365TC-H1302	SPH1302A075125	36302	\$25,838
107		SPH1402A075107	42409	\$30,818
97	365TC-H1402	SPH1402A075097	46781	\$30,818
87		SPH1402A075079	52159	\$30,818
79	365TC-H1402	SPH1402A075606	57441	\$30,818

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque 6-60 Hz. Operation)

.33 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	IR0402AY03886	23	\$1,559
806		IR0402AY03806	25	\$1,559
699	56C-R0402	IR0402AY03699	29	\$1,559
604		IR0402AY03604	33	\$1,559
546	56C-R0402	IR0402AY03546	37	\$1,559
493		IR0402AY03493	41	\$1,559
443	56C-R0402	IR0402AY03443	45	\$1,559
396		IR0402AY03396	50	\$1,559
353	56C-R0402	IR0402AY03353	57	\$1,559
333		IR0402AY03333	60	\$1,559
312	56C-R0402	IR0402AY03312	64	\$1,559
288		IR0402AY03288	69	\$1,559
249	56C-R0402	IR0402AY03249	80	\$1,559
225		IR0402AY03225	89	\$1,559
203	56C-R0402	IR0402AY03203	98	\$1,559
183		IR0402AY03183	109	\$1,559
163	56C-R0402	IR0402AY03163	123	\$1,559
146		IR0402AY03146	137	\$1,559
127	56C-R0402	IR0402AY03127	157	\$1,559
105		IR0402AY03105	190	\$1,559
88	56C-R0402	IR0402AY03088	227	\$1,559
84		IR0402AY03084	238	\$1,559
71	56C-R0402	IR0402AY03071	281	\$1,559
64		IR0402AY03064	312	\$1,559
52	56C-R0402	IR0402AY03052	384	\$1,559
41		IR0402AY03041	487	\$1,559
36	56C-R0402	IR0402AY03036	555	\$1,559
32		IR0402AY03032	624	\$1,559

AC Frequency Operation Specifications

Sterling Electric offers a complete line of Premium Efficient Inverter Duty Motors. when used with Helical Gears produce the optimum efficiency level compared to other gear systems available in the market.

Inverter Duty Motors are Suitable for AC Variable Frequency Operation 10:1 Turndown (6-60 Hz) Constant Torque.

Inverter Duty Motors are Class "H" Insulated and supplied with (2) Normally Closed Thermal Protectors (Klixons).

Small motors, as referenced in this section, will require varying degrees of voltage "boost" or "forcing" in order to produce rated torque at low frequency operation. Refer to NEMA MG1-1998, Part 31.

.50 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	IR0402AY05886	34	\$1,636
806		IR0402AY05806	38	\$1,636
699	56C-R0402	IR0402AY05699	43	\$1,636
604		IR0402AY05604	50	\$1,636
546	56C-R0402	IR0402AY05546	55	\$1,636
493		IR0402AY05493	61	\$1,636
443	56C-R0402	IR0402AY05443	68	\$1,636
396		IR0402AY05396	76	\$1,636
353	56C-R0402	IR0402AY05353	86	\$1,636
333		IR0402AY05333	91	\$1,636
312	56C-R0402	IR0402AY05312	97	\$1,636
288		IR0402AY05288	105	\$1,636
249	56C-R0402	IR0402AY05249	122	\$1,636
225		IR0402AY05225	135	\$1,636
203	56C-R0402	IR0402AY05203	149	\$1,636
183		IR0402AY05183	165	\$1,636
163	56C-R0402	IR0402AY05163	186	\$1,636
146		IR0402AY05146	207	\$1,636
127	56C-R0402	IR0402AY05127	238	\$1,636
105		IR0402AY05105	288	\$1,636
88	56C-R0402	IR0402AY05088	344	\$1,636
84		IR0402AY05084	360	\$1,636
71	56C-R0402	IR0402AY05071	426	\$1,636
64		IR0402AY05064	473	\$1,636
52	56C-R0402	IR0402AY05052	582	\$1,636
41		IR0402AY05041	738	\$1,636
36	56C-R0402	IR0402AY05036	841	\$1,636
32		IR0402AY05032	946	\$1,636

.75 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	IR0402AY07886	51	\$1,678
806		IR0402AY07806	56	\$1,678
699	56C-R0402	IR0402AY07699	65	\$1,678
604		IR0402AY07604	75	\$1,678
546	56C-R0402	IR0402AY07546	83	\$1,678
493		IR0402AY07493	92	\$1,678
443	56C-R0402	IR0402AY07443	102	\$1,678
396		IR0402AY07396	115	\$1,678
353	56C-R0402	IR0402AY07353	129	\$1,678
333		IR0402AY07333	136	\$1,678
312	56C-R0402	IR0402AY07312	146	\$1,678
288		IR0402AY07288	158	\$1,678
249	56C-R0402	IR0402AY07249	182	\$1,678
225		IR0402AY07225	202	\$1,678
203	56C-R0402	IR0402AY07203	224	\$1,678
183		IR0402AY07193	248	\$1,678
163	56C-R0402	IR0402AY07173	279	\$1,678
146		IR0402AY07154	311	\$1,678
127	56C-R0402	IR0402AY07133	357	\$1,678
105		IR0402AY07103	432	\$1,678
88	56C-R0402	IR0402AY07088	516	\$1,678
84		IR0402AY07084	540	\$1,678
71	56C-R0402	IR0402AY07077	639	\$1,678
64		IR0402AY07064	709	\$1,678
52	56C-R0402	IR0402AY07052	873	\$1,678
41		IR0402AY07040	1107	\$1,678
36	56C-R0402	IR0402AY07036	1261	\$1,678
32		IR0402AY07032	1419	\$1,678

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque 6-60 Hz. Operation)

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	IR0402A001886	205	\$1,678
806		IR0402A001806	225	\$1,678
699	56C-R0402	IR0402A001699	260	\$1,678
604		IR0402A001604	301	\$1,678
546	56C-R0402	IR0402A001546	333	\$1,678
493		IR0402A001493	368	\$1,678
443	56C-R0402	IR0402A001443	410	\$1,678
396		IR0402A001396	459	\$1,678
353	56C-R0402	IR0402A001353	514	\$1,678
333		IR0402A001333	545	\$1,678
312	56C-R0402	IR0402A001312	582	\$1,678
288		IR0402A001288	631	\$1,678
249	56C-R0402	IR0402A001249	729	\$1,678
225		IR0402A001225	807	\$1,678
203	56C-R0402	IR0402A001203	895	\$1,678
183		IR0402A001183	992	\$1,678
163	56C-R0402	IR0402A001163	1114	\$1,678
146		IR0402A001146	1244	\$1,678
127	56C-R0402	IR0402A001127	1430	\$1,678
105		IR0402A001105	1798	\$1,678
88	56C-R0402	IR0402A001088	1953	\$1,678
84		IR0402A001084	2162	\$1,678
71	56C-R0402	IR0402A001071	2632	\$1,678
64		IR0402A001064	3078	\$1,678
52	56C-R0402	IR0402A001052	3363	\$1,678
41		IR0402A001041	4429	\$1,678
36	56C-R0402	IR0402A001036	5188	\$1,678
32		IR0402A001032	5858	\$1,678

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	IR0402AY15886	102	\$1,781
806		IR0402AY15806	113	\$1,781
699	56C-R0402	IR0402AY15699	130	\$1,781
604		IR0402AY15604	150	\$1,781
546	56C-R0402	IR0402AY15546	166	\$1,781
493		IR0402AY15493	184	\$1,781
443	56C-R0402	IR0402AY15443	205	\$1,781
396		IR0402AY15396	229	\$1,781
353	56C-R0402	IR0402AY15353	257	\$1,781
333		IR0402AY15333	273	\$1,781
312	56C-R0402	IR0402AY15312	291	\$1,781
288		IR0402AY15288	315	\$1,781
249	56C-R0402	IR0402AY15249	365	\$1,781
225		IR0402AY15225	404	\$1,781
203	56C-R0402	IR0402AY15203	447	\$1,781
183		IR0402AY15183	496	\$1,781
163	56C-R0402	IR0402AY15163	557	\$1,781
146		IR0402AY15146	622	\$1,781
127	56C-R0402	IR0402AY15127	715	\$1,781
105		IR0402AY15105	865	\$1,781
88	56C-R0402	IR0402AY15088	1032	\$1,781
84		IR0402AY15084	1081	\$1,781
71	56C-R0402	IR0402AY15071	1279	\$1,781
64		IR0402AY15064	1419	\$1,781
52	56C-R0402	IR0402AY15052	1746	\$1,781
41		IR0402AY15041	2214	\$1,781
36	56C-R0602	IR0602AY15036	2522	\$1,910
31		IR0602AY15031	2929	\$1,910

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	IR0402A002886	137	\$1,891
806		IR0402A002806	150	\$1,891
699	56C-R0402	IR0402A002699	173	\$1,891
604		IR0402A002604	200	\$1,891
546	56C-R0402	IR0402A002546	222	\$1,891
493		IR0402A002493	246	\$1,891
443	56C-R0402	IR0402A002443	273	\$1,891
396		IR0402A002396	306	\$1,891
353	56C-R0402	IR0402A002353	343	\$1,891
333		IR0402A002333	364	\$1,891
312	56C-R0402	IR0402A002312	388	\$1,891
288		IR0402A002288	420	\$1,891
249	56C-R0402	IR0402A002249	486	\$1,891
225		IR0402A002225	538	\$1,891
203	56C-R0402	IR0402A002203	596	\$1,891
183		IR0402A002183	662	\$1,891
163	56C-R0402	IR0402A002163	743	\$1,891
146		IR0402A002146	829	\$1,891
127	56C-R0402	IR0402A002127	953	\$1,891
105		IR0402A002105	1153	\$1,891
84	56C-R0402	IR0402A002084	1441	\$1,891
71		IR0402A002071	1705	\$1,891
64	56C-R0402	IR0402A002064	1892	\$1,891
52		IR0602A002052	2328	\$2,031
41	56C-R0602	IR0602A002041	2953	\$2,031
38		IR0602A002038	3186	\$2,031
31	56C-R0602	IR0602A002031	3905	\$2,031

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	IR0402A003886	205	\$2,444
806		IR0402A003806	225	\$2,444
699	182TC-R0402	IR0402A003699	260	\$2,444
604		IR0402A003604	301	\$2,444
546	182TC-R0402	IR0402A003546	333	\$2,444
493		IR0402A003493	368	\$2,444
443	182TC-R0402	IR0402A003443	410	\$2,444
396		IR0402A003396	459	\$2,444
353	182TC-R0402	IR0402A003353	514	\$2,444
333		IR0402A003333	545	\$2,444
312	182TC-R0402	IR0402A003312	582	\$2,444
288		IR0402A003288	631	\$2,444
249	182TC-R0402	IR0402A003249	729	\$2,444
225		IR0402A003225	807	\$2,444
203	182TC-R0402	IR0402A003203	895	\$2,444
183		IR0402A003183	992	\$2,444
163	182TC-R0402	IR0402A003163	1114	\$2,444
146		IR0402A003146	1244	\$2,444
127	182TC-R0402	IR0402A003127	1430	\$2,444
101	182TC-R0602	IR0602A003101	1798	\$2,510
93		IR0602A003093	1953	\$2,510
84	182TC-R0602	IR0602A003084	2162	\$2,510
69		IR0602A003069	2632	\$2,510
59	182TC-R0602	IR0602A003059	3078	\$2,510
54		IR0602A003054	3363	\$2,510
41	182TC-R0602	IR0602A003041	4429	\$2,510
35	182TC-R0702	IR0702A003035	5188	\$3,345
31	182TC-G0802	IG0802A003031	5858	\$4,370

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 208-230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque 6-60 Hz. Operation)

5 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	IR0402A005886	342	\$2,590
806		IR0402A005806	375	\$2,590
699		IR0402A005699	433	\$2,590
604	184TC-R0402	IR0402A005604	501	\$2,590
546		IR0402A005546	554	\$2,590
493		IR0402A005493	614	\$2,590
443	184TC-R0402	IR0402A005443	683	\$2,590
396		IR0402A005396	764	\$2,590
353		IR0402A005353	857	\$2,590
333	184TC-R0402	IR0402A005333	909	\$2,590
312		IR0402A005312	970	\$2,590
288		IR0402A005288	1051	\$2,590
249	184TC-R0402	IR0402A005249	1215	\$2,590
225		IR0402A005225	1345	\$2,590
203		IR0402A005203	1491	\$2,590
183	184TC-R0402	IR0402A005183	1654	\$2,590
163		IR0402A005163	1857	\$2,590
146		IR0402A005146	2073	\$2,590
132	184TC-R0602	IR0602A005132	2293	\$2,805
101		IR0602A005101	2996	\$2,805
84		IR0602A005084	3603	\$2,805
78	184TC-R0702	IR0702A005078	3880	\$3,425
63		IR0702A005063	4804	\$3,425
53		IR0702A005053	5710	\$3,425
49	184TC-R0702	IR0702A005049	6176	\$3,425
41		IR0702A005041	7381	\$3,425
35	184TC-G0802	IG0802A005035	8647	\$4,452
31		IG0802A005031	9763	\$4,452

7.5 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	IR0602AY75863	526	\$2,868
771		IR0602AY75771	589	\$2,868
689		IR0602AY75689	659	\$2,868
614	213TC-R0602	IR0602AY75614	739	\$2,868
545		IR0602AY75545	833	\$2,868
482		IR0602AY75482	942	\$2,868
443	213TC-R0602	IR0602AY75443	1025	\$2,868
388		IR0602AY75388	1170	\$2,868
354		IR0602AY75354	1282	\$2,868
316	213TC-R0602	IR0602AY75316	1437	\$2,868
306		IR0602AY75306	1484	\$2,868
282		IR0602AY75282	1610	\$2,868
251	213TC-R0602	IR0602AY75251	1809	\$2,868
223		IR0602AY75223	2036	\$2,868
198		IR0602AY75198	2293	\$2,868
182	213TC-R0602	IR0602AY75182	2494	\$2,868
159		IR0602AY75159	2855	\$2,868
145		IR0602AY75145	3131	\$2,868
132	213TC-R0602	IR0602AY75132	3439	\$2,868
125		IR0702AY75125	3632	\$4,362
106		IR0702AY75106	4283	\$4,362
100	213TC-R0702	IR0702AY75100	4540	\$4,362
89		IR0702AY75089	5100	\$4,362
78		IR0702AY75078	5820	\$4,362
63	213TC-G0802	IG0802AY75063	7206	\$4,362
53		IG0802AY75053	8565	\$4,720
48		IG0802AY75048	9458	\$4,720
36	213TC-G0802	IG0802AY75036	12610	\$4,720
31		IH0902AY75031	14644	\$6,616

10 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	IR0602A010863	701	\$3,443
771		IR0602A010771	785	\$3,443
689		IR0602A010689	878	\$3,443
614	215TC-R0602	IR0602A010614	986	\$3,443
545		IR0602A010545	1111	\$3,443
482		IR0602A010482	1256	\$3,443
443	215TC-R0602	IR0602A010443	1366	\$3,443
388		IR0602A010388	1560	\$3,443
354		IR0602A010354	1710	\$3,443
316	215TC-R0602	IR0602A010316	1915	\$3,443
306		IR0602A010306	1978	\$3,443
282		IR0602A010282	2146	\$3,443
251	215TC-R0602	IR0602A010251	2411	\$3,443
223		IR0602A010223	2714	\$3,443
198		IR0602A010198	3057	\$3,443
182	215TC-R0602	IR0602A010182	3326	\$3,443
157		IR0702A010157	3855	\$4,698
137		IR0702A010137	4418	\$4,698
125	215TC-R0702	IR0702A010125	4842	\$4,698
106		IR0702A010106	5710	\$4,698
100		IR0702A010100	6053	\$4,698
84	215TC-G0802	IG0802A010084	7206	\$5,064
75		IG0802A010075	8070	\$5,064
62		IG0802A010062	9763	\$5,064
53	215TC-G0802	IG0802A010053	11420	\$5,064
48		IG0802A010048	12610	\$5,064
39		IH0902A010039	15520	\$6,958
35	215TC-H0902	IH0902A010035	17294	\$6,958
30		IH1002A010030	20176	\$11,039

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	IR0702A015902	1006	\$6,112
806		IR0702A015806	1126	\$6,112
719		IR0702A015719	1263	\$6,112
640	254TC-R0702	IR0702A015640	1418	\$6,112
568		IR0702A015568	1598	\$6,112
502		IR0702A015502	1808	\$6,112
461	254TC-R0702	IR0702A015461	1969	\$6,112
404		IR0702A015404	2247	\$6,112
351		IR0702A015351	2586	\$6,112
318	254TC-R0702	IR0702A015318	2855	\$6,112
280		IR0702A015280	3242	\$6,112
249		IR0702A015249	3646	\$6,112
221	254TC-R0702	IR0702A015221	4108	\$6,112
196		IR0702A015196	4632	\$6,112
180		IR0702A015180	5044	\$6,112
135	254TC-G0802	IG0802A015135	7006	\$6,282
116		IG0802A015116	8153	\$6,282
105		IG0802A015105	9007	\$6,282
96	254TC-G0802	IG0802A015096	9851	\$6,282
85		IG0802A015085	11126	\$6,282
75		IG0802A015075	12610	\$6,282
61	254TC-H0902	IH0902A015061	14116	\$9,114
54		IH0902A015054	17514	\$9,114
49		IH0902A015049	19301	\$9,114
41	254TC-H0902	IH0902A015041	23067	\$9,114
37		IH0902A015037	25561	\$9,114
30	254TC-H1002	IH1002A015030	31525	\$12,760

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure

(Inverter Duty 10:1 Constant Torque 6-60 Hz. Operation)

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	IR0702A020902	1342	\$6,385
806		IR0702A020806	1502	\$6,385
719		IR0702A020719	1684	\$6,385
640	256TC-R0702	IR0702A020640	1892	\$6,385
568		IR0702A020568	2131	\$6,385
502		IR0702A020502	2411	\$6,385
461	256TC-R0702	IR0702A020461	2626	\$6,385
404		IR0702A020404	2996	\$6,385
351		IR0702A020351	3448	\$6,385
318	256TC-R0702	IR0702A020318	3806	\$6,385
280		IR0702A020280	4323	\$6,385
249		IR0702A020249	4862	\$6,385
210	256TC-G0802	IG0802A020210	5765	\$6,558
187		IG0802A020187	6474	\$6,558
153		IG0802A020153	8242	\$6,558
135	256TC-G0802	IG0802A020135	9341	\$6,558
116		IG0802A020116	10871	\$6,558
105		IG0802A020105	12010	\$6,558
95	256TC-H0902	IH0902A020095	13274	\$9,380
85		IH0902A020085	14835	\$9,380
77		IH0902A020077	16377	\$9,380
58	256TC-H1002	IH1002A020058	21741	\$13,012
49		IH1002A020049	25735	\$13,012
45		IH1002A020045	28022	\$13,012
40	256TC-H1002	IH1002A020040	31525	\$13,012
36		IH1002A020036	35028	\$13,012
34	256TC-H1302	IH1302A020034	37088	\$18,277
29		IH1302A020029	43483	\$18,277
28		IH1302A020028	45036	\$18,277

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	IH0902A025864	1751	\$11,074
771		IH0902A025771	1962	\$11,074
687		IH0902A025687	2202	\$11,074
593	284TC-H0902	IH0902A025593	2551	\$11,074
533		IH0902A025533	2838	\$11,074
477		IH0902A025477	3171	\$11,074
431	284TC-H0902	IH0902A025431	3510	\$11,074
384		IH0902A025384	3939	\$11,074
347		IH0902A025347	4359	\$11,074
310	284TC-H0902	IH0902A025310	4879	\$11,074
266		IH0902A025266	5686	\$11,074
238		IH0902A025238	6355	\$11,074
214	284TC-H0902	IH0902A025214	7068	\$11,074
192		IH0902A025192	7878	\$11,074
171		IH0902A025171	8846	\$11,074
150	284TC-H0902	IH0902A025150	10084	\$11,074
138		IH0902A025138	10961	\$11,074
121		IH0902A025121	12501	\$11,074
106	284TC-H0902	IH0902A025106	14270	\$11,074
95		IH0902A025095	15922	\$11,074
85		IH0902A025085	17795	\$11,074
77	284TC-H1002	IH0902A025077	19644	\$11,074
68		IH1002A025068	22244	\$14,738
59		IH1002A025059	25637	\$14,738
57	284TC-H1002	IH1002A025057	26537	\$14,738
50		IH1002A025050	30252	\$14,738
47		IH1002A025047	32183	\$14,738
41	284TC-H1302	IH1302A025041	36893	\$18,304
34		IH1302A025034	44488	\$18,304

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	IH0902A030864	2101	\$11,677
771		IH0902A030771	2354	\$11,677
687		IH0902A030687	2642	\$11,677
593	286TC-H0902	IH0902A030593	3061	\$11,677
533		IH0902A030533	3405	\$11,677
477		IH0902A030477	3805	\$11,677
431	286TC-H0902	IH0902A030431	4211	\$11,677
384		IH0902A030384	4727	\$11,677
347		IH0902A030347	5231	\$11,677
310	286TC-H0902	IH0902A030310	5855	\$11,677
266		IH0902A030266	6824	\$11,677
238		IH0902A030238	7627	\$11,677
214	286TC-H0902	IH0902A030214	8482	\$11,677
192		IH0902A030192	9454	\$11,677
171		IH0902A030171	10615	\$11,677
150	286TC-H0902	IH0902A030150	12101	\$11,677
138		IH0902A030138	13153	\$11,677
121		IH0902A030121	15001	\$11,677
106	286TC-H0902	IH0902A030106	17124	\$11,677
95		IH0902A030095	19107	\$11,677
91	286TC-H1002	IH1002A030091	19946	\$15,356
82		IH1002A030082	22136	\$15,356
68		IH1002A030068	26693	\$15,356
59	286TC-H1002	IH1002A030059	30765	\$15,356
57		IH1002A030057	31844	\$15,356
50		IH1002A030050	36302	\$15,356
45	286TC-H1302	IH1302A030045	40336	\$18,936
41		IH1302A030041	44271	\$18,936
33	286TC-H1402	IH1402A030033	55004	\$24,900
27		IH1402A030027	67227	\$24,900

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	IH0902A040864	2801	\$13,830
771		IH0902A040771	3139	\$13,830
687		IH0902A040687	3523	\$13,830
593	324TC-H0902	IH0902A040593	4081	\$13,830
533		IH0902A040533	4541	\$13,830
477		IH0902A040477	5074	\$13,830
431	324TC-H0902	IH0902A040431	5616	\$13,830
384		IH0902A040384	6303	\$13,830
347		IH0902A040347	6975	\$13,830
310	324TC-H0902	IH0902A040310	7807	\$13,830
266		IH0902A040266	9098	\$13,830
238		IH0902A040238	10169	\$13,830
214	324TC-H0902	IH0902A040214	11309	\$13,830
192		IH0902A040192	12605	\$13,830
171		IH0902A040171	14153	\$13,830
150	324TC-H0902	IH0902A040150	16134	\$13,830
138		IH0902A040138	17537	\$13,830
121		IH0902A040121	20001	\$13,830
107	324TC-H1002	IH1002A040107	22618	\$13,830
96		IH1002A040096	25210	\$13,830
91	324TC-H1002	IH1002A040091	26595	\$17,600
82		IH1002A040082	29514	\$17,600
69	324TC-H1302	IH1302A040069	35075	\$23,208
62		IH1302A040062	39035	\$23,208
55		IH1302A040055	44003	\$23,208
50	324TC-H1302	IH1302A040050	48403	\$23,208
45		IH1402A040045	53781	\$28,308
40		IH1402A040040	60504	\$28,308

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure

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2000HG SELECTION AND PRICING - CLASS I**STERLING
ELECTRIC, INC.****(Inverter Duty 10:1 Constant Torque 6-60 Hz. Operation)**

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	IH0902A050864	3501	\$15,044
771		IH0902A050771	3924	\$15,044
687		IH0902A050687	4403	\$15,044
593	326TC-H0902	IH0902A050593	5102	\$15,044
533		IH0902A050533	5676	\$15,044
477		IH0902A050477	6342	\$15,044
431	326TC-H0902	IH0902A050431	7019	\$15,044
384		IH0902A050384	7878	\$15,044
347		IH0902A050347	8718	\$15,044
310	326TC-H0902	IH0902A050310	9759	\$15,044
266		IH0902A050266	11373	\$15,044
238		IH0902A050238	12711	\$15,044
214	326TC-H0902	IH0902A050214	14137	\$15,044
192		IH0902A050192	15756	\$15,044
166	326TC-H1002	IH1002A050166	18224	\$18,820
147		IH1002A050147	20580	\$18,820
141		IH1002A050141	21455	\$18,820
124	326TC-H1002	IH1002A050124	24397	\$18,820
107		IH1002A050107	28273	\$18,820
96		IH1002A050096	31513	\$18,820
91	326TC-H1002	IH1002A050091	33244	\$18,820
78	326TC-H1302	IH1302A050078	38785	\$24,451
69		IH1302A050069	43843	\$24,451
62		IH1302A050062	48794	\$24,451
55	326TC-H1402	IH1402A050055	55004	\$29,568
48		IH1402A050048	63025	\$29,568
45		IH1402A050045	67227	\$29,568
40	326TC-H1402	IH1402A050040	75630	\$29,568

60 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	364TC-H1302	IH1302A060606	5990	\$23,942
552		IH1302A060552	6577	\$23,942
484		IH1302A060484	7500	\$23,942
437	364TC-H1302	IH1302A060437	8307	\$23,942
398		IH1302A060398	9121	\$23,942
349		IH1302A060349	10402	\$23,942
318	364TC-H1302	IH1302A060318	11416	\$23,942
256		IH1302A060256	14181	\$23,942
226		IH1302A060226	16063	\$23,942
204	364TC-H1302	IH1302A060204	17795	\$23,942
178		IH1302A060178	20395	\$23,942
157		IH1302A060157	23123	\$23,942
142	364TC-H1302	IH1302A060142	25565	\$23,942
125		IH1302A060125	29042	\$23,942
110		IH1302A060110	33002	\$23,942
98	364TC-H1302	IH1302A060098	37043	\$23,942
80	364TC-H1402	IH1402A060080	41727	\$28,770
73		IH1402A060073	48713	\$28,770
68		IH1402A060068	53386	\$28,770
60	364TC-H1402	IH1402A060060	60504	\$28,770

75 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	365TC-H1302	IH1302A075606	7488	\$25,073
552		IH1302A075552	8221	\$25,073
484		IH1302A075484	9376	\$25,073
437	365TC-H1302	IH1302A075437	10384	\$25,073
398		IH1302A075398	11402	\$25,073
349		IH1302A075349	13002	\$25,073
318	365TC-H1302	IH1302A075318	14270	\$25,073
283		IH1302A075283	16035	\$25,073
256		IH1302A075256	17726	\$25,073
226	365TC-H1302	IH1302A075226	20079	\$25,073
204		IH1302A075204	22244	\$25,073
178		IH1302A075178	25493	\$25,073
157	365TC-H1302	IH1302A075157	28903	\$25,073
142		IH1302A075142	31956	\$25,073
125		IH1302A075125	36302	\$25,073
107	365TC-H1402	IH1402A075107	42409	\$29,904
97		IH1402A075097	46781	\$29,904
79		IH1402A075079	57441	\$29,904

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque) -Sterli-Seal® Washdown Duty

.33 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SIR0402AY03886	23	\$1,634
806		SIR0402AY03806	25	\$1,634
699	56C-R0402	SIR0402AY03699	29	\$1,634
604		SIR0402AY03604	33	\$1,634
546	56C-R0402	SIR0402AY03546	37	\$1,634
493		SIR0402AY03493	41	\$1,634
443	56C-R0402	SIR0402AY03443	45	\$1,634
396		SIR0402AY03396	50	\$1,634
353	56C-R0402	SIR0402AY03353	57	\$1,634
333		SIR0402AY03333	60	\$1,634
312	56C-R0402	SIR0402AY03312	64	\$1,634
288		SIR0402AY03288	69	\$1,634
249	56C-R0402	SIR0402AY03249	80	\$1,634
225		SIR0402AY03225	89	\$1,634
203	56C-R0402	SIR0402AY03203	98	\$1,634
183		SIR0402AY03183	109	\$1,634
163	56C-R0402	SIR0402AY03163	123	\$1,634
146		SIR0402AY03146	137	\$1,634
127	56C-R0402	SIR0402AY03127	157	\$1,634
105		SIR0402AY03105	190	\$1,634
88	56C-R0402	SIR0402AY03088	227	\$1,634
84		SIR0402AY03084	238	\$1,634
71	56C-R0402	SIR0402AY03071	281	\$1,634
64		SIR0402AY03064	312	\$1,634
52	56C-R0402	SIR0402AY03052	384	\$1,634
41		SIR0402AY03041	487	\$1,634
36	56C-R0402	SIR0402AY03036	555	\$1,634
32		SIR0402AY03032	624	\$1,634

AC Frequency Operation Specifications

Sterling Electric offers a complete line of Premium Efficient Inverter Duty Motors. when used with Helical Gears produce the optimum efficiency level compared to other gear systems available in the market.

Inverter Duty Motors are Suitable for AC Variable Frequency Operation 10:1 Turndown (6-60 Hz) Constant Torque.

Inverter Duty Motors are Class "H" Insulated and supplied with (2) Normally Closed Thermal Protectors (Klixons).

Small motors, as referenced in this section, will require varying degrees of voltage "boost" or "forcing" in order to produce rated torque at low frequency operation. Refer to NEMA MG1-1998, Part 31.

.50 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SIR0402AY05886	34	\$1,708
806		SIR0402AY05806	38	\$1,708
699	56C-R0402	SIR0402AY05699	43	\$1,708
604		SIR0402AY05604	50	\$1,708
546	56C-R0402	SIR0402AY05546	55	\$1,708
493		SIR0402AY05493	61	\$1,708
443	56C-R0402	SIR0402AY05443	68	\$1,708
396		SIR0402AY05396	76	\$1,708
353	56C-R0402	SIR0402AY05353	86	\$1,708
333		SIR0402AY05333	91	\$1,708
312	56C-R0402	SIR0402AY05312	97	\$1,708
288		SIR0402AY05288	105	\$1,708
249	56C-R0402	SIR0402AY05249	122	\$1,708
225		SIR0402AY05225	135	\$1,708
203	56C-R0402	SIR0402AY05203	149	\$1,708
183		SIR0402AY05183	165	\$1,708
163	56C-R0402	SIR0402AY05163	186	\$1,708
146		SIR0402AY05146	207	\$1,708
127	56C-R0402	SIR0402AY05127	238	\$1,708
105		SIR0402AY05105	288	\$1,708
88	56C-R0402	SIR0402AY05088	344	\$1,708
84		SIR0402AY05084	360	\$1,708
71	56C-R0402	SIR0402AY05071	426	\$1,708
64		SIR0402AY05064	473	\$1,708
52	56C-R0402	SIR0402AY05052	582	\$1,708
41		SIR0402AY05041	738	\$1,708
36	56C-R0402	SIR0402AY05036	841	\$1,708
32		SIR0402AY05032	946	\$1,708

.75 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SIR0402AY07886	51	\$1,766
806		SIR0402AY07806	56	\$1,766
699	56C-R0402	SIR0402AY07699	65	\$1,766
604		SIR0402AY07604	75	\$1,766
546	56C-R0402	SIR0402AY07546	83	\$1,766
493		SIR0402AY07493	92	\$1,766
443	56C-R0402	SIR0402AY07443	102	\$1,766
396		SIR0402AY07396	115	\$1,766
353	56C-R0402	SIR0402AY07353	129	\$1,766
333		SIR0402AY07333	136	\$1,766
312	56C-R0402	SIR0402AY07312	146	\$1,766
288		SIR0402AY07288	158	\$1,766
249	56C-R0402	SIR0402AY07249	182	\$1,766
225		SIR0402AY07225	202	\$1,766
203	56C-R0402	SIR0402AY07203	224	\$1,766
183		SIR0402AY07193	248	\$1,766
163	56C-R0402	SIR0402AY07173	279	\$1,766
146		SIR0402AY07154	311	\$1,766
127	56C-R0402	SIR0402AY07133	357	\$1,766
105		SIR0402AY07103	432	\$1,766
88	56C-R0402	SIR0402AY07088	516	\$1,766
84		SIR0402AY07084	540	\$1,766
71	56C-R0402	SIR0402AY07077	639	\$1,766
64		SIR0402AY07064	709	\$1,766
52	56C-R0402	SIR0402AY07052	873	\$1,766
41		SIR0402AY07040	1107	\$1,766
36	56C-R0402	SIR0402AY07036	1261	\$1,766
32		SIR0402AY07032	1419	\$1,766

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque) -Sterli-Seal® Washdown Duty

1 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SIR0402A001886	205	\$1,827
806		SIR0402A001806	225	\$1,827
699		SIR0402A001699	260	\$1,827
604	56C-R0402	SIR0402A001604	301	\$1,827
546		SIR0402A001546	333	\$1,827
493		SIR0402A001493	368	\$1,827
443	56C-R0402	SIR0402A001443	410	\$1,827
396		SIR0402A001396	459	\$1,827
353		SIR0402A001353	514	\$1,827
333	56C-R0402	SIR0402A001333	545	\$1,827
312		SIR0402A001312	582	\$1,827
288		SIR0402A001288	631	\$1,827
249	56C-R0402	SIR0402A001249	729	\$1,827
225		SIR0402A001225	807	\$1,827
203		SIR0402A001203	895	\$1,827
183	56C-R0402	SIR0402A001183	992	\$1,827
163		SIR0402A001163	1114	\$1,827
146		SIR0402A001146	1244	\$1,827
127	56C-R0402	SIR0402A001127	1430	\$1,827
105		SIR0402A001105	1798	\$1,827
88		SIR0402A001088	1953	\$1,827
84	56C-R0402	SIR0402A001084	2162	\$1,827
71		SIR0402A001071	2632	\$1,827
64		SIR0402A001064	3078	\$1,827
52	56C-R0402	SIR0402A001052	3363	\$1,827
41		SIR0402A001041	4429	\$1,827
36		SIR0402A001036	5188	\$1,827
32	56C-R0402	SIR0402A001032	5858	\$1,827

1.5 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SIR0402AY15886	102	\$1,875
806		SIR0402AY15806	113	\$1,875
699		SIR0402AY15699	130	\$1,875
604	56C-R0402	SIR0402AY15604	150	\$1,875
546		SIR0402AY15546	166	\$1,875
493		SIR0402AY15493	184	\$1,875
443	56C-R0402	SIR0402AY15443	205	\$1,875
396		SIR0402AY15396	229	\$1,875
353		SIR0402AY15353	257	\$1,875
333	56C-R0402	SIR0402AY15333	273	\$1,875
312		SIR0402AY15312	291	\$1,875
288		SIR0402AY15288	315	\$1,875
249	56C-R0402	SIR0402AY15249	365	\$1,875
225		SIR0402AY15225	404	\$1,875
203		SIR0402AY15203	447	\$1,875
183	56C-R0402	SIR0402AY15183	496	\$1,875
163		SIR0402AY15163	557	\$1,875
146		SIR0402AY15146	622	\$1,875
127	56C-R0402	SIR0402AY15127	715	\$1,875
105		SIR0402AY15105	865	\$1,875
88		SIR0402AY15088	1032	\$1,875
84	56C-R0402	SIR0402AY15084	1081	\$1,875
71		SIR0402AY15071	1279	\$1,875
64		SIR0402AY15064	1419	\$1,875
52	56C-R0402	SIR0402AY15052	1746	\$1,875
41		SIR0402AY15041	2214	\$1,875
36		SIR0602AY15036	2522	\$2,010
31	56C-R0602	SIR0602AY15031	2929	\$2,010

2 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	56C-R0402	SIR0402A002886	137	\$1,989
806		SIR0402A002806	150	\$1,989
699		SIR0402A002699	173	\$1,989
604	56C-R0402	SIR0402A002604	200	\$1,989
546		SIR0402A002546	222	\$1,989
493		SIR0402A002493	246	\$1,989
443	56C-R0402	SIR0402A002443	273	\$1,989
396		SIR0402A002396	306	\$1,989
353		SIR0402A002353	343	\$1,989
333	56C-R0402	SIR0402A002333	364	\$1,989
312		SIR0402A002312	388	\$1,989
288		SIR0402A002288	420	\$1,989
249	56C-R0402	SIR0402A002249	486	\$1,989
225		SIR0402A002225	538	\$1,989
203		SIR0402A002203	596	\$1,989
183	56C-R0402	SIR0402A002183	662	\$1,989
163		SIR0402A002163	743	\$1,989
146		SIR0402A002146	829	\$1,989
127	56C-R0402	SIR0402A002127	953	\$1,989
105		SIR0402A002105	1153	\$1,989
84		SIR0402A002084	1441	\$1,989
71	56C-R0402	SIR0402A002071	1705	\$1,989
64		SIR0402A002064	1892	\$1,989
52		SIR0602A002052	2328	\$2,137
41	56C-R0602	SIR0602A002041	2953	\$2,137
38		SIR0602A002038	3186	\$2,137
31		SIR0602A002031	3905	\$2,137

3 Horsepower				
F/L	Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	182TC-R0402	SIR0402A003886	205	\$2,571
806		SIR0402A003806	225	\$2,571
699		SIR0402A003699	260	\$2,571
604	182TC-R0402	SIR0402A003604	301	\$2,571
546		SIR0402A003546	333	\$2,571
493		SIR0402A003493	368	\$2,571
443	182TC-R0402	SIR0402A003443	410	\$2,571
396		SIR0402A003396	459	\$2,571
353		SIR0402A003353	514	\$2,571
333	182TC-R0402	SIR0402A003333	545	\$2,571
312		SIR0402A003312	582	\$2,571
288		SIR0402A003288	631	\$2,571
249	182TC-R0402	SIR0402A003249	729	\$2,571
225		SIR0402A003225	807	\$2,571
203		SIR0402A003203	895	\$2,571
183	182TC-R0402	SIR0402A003183	992	\$2,571
163		SIR0402A003163	1114	\$2,571
146		SIR0402A003146	1244	\$2,571
127	182TC-R0402	SIR0402A003127	1430	\$2,571
101		SIR0602A003101	1798	\$2,640
93		SIR0602A003093	1953	\$2,640
84	182TC-R0602	SIR0602A003084	2162	\$2,640
69		SIR0602A003069	2632	\$2,640
59		SIR0602A003059	3078	\$2,640
54	182TC-R0602	SIR0602A003054	3363	\$2,640
41		SIR0602A003041	4429	\$2,640
35		SIR0702A003035	5188	\$3,520
31	182TC-G0802	SIG0802A003031	5858	\$4,600

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque) -Sterli-Seal® Washdown Duty

5 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
886	184TC-R0402	SIR0402A005886	342	\$2,728
806		SIR0402A005806	375	\$2,728
699		SIR0402A005699	433	\$2,728
604	184TC-R0402	SIR0402A005604	501	\$2,728
546		SIR0402A005546	554	\$2,728
493		SIR0402A005493	614	\$2,728
443	184TC-R0402	SIR0402A005443	683	\$2,728
396		SIR0402A005396	764	\$2,728
353		SIR0402A005353	857	\$2,728
333	184TC-R0402	SIR0402A005333	909	\$2,728
312		SIR0402A005312	970	\$2,728
288		SIR0402A005288	1051	\$2,728
249	184TC-R0402	SIR0402A005249	1215	\$2,728
225		SIR0402A005225	1345	\$2,728
203		SIR0402A005203	1491	\$2,728
183	184TC-R0402	SIR0402A005183	1654	\$2,728
163		SIR0402A005163	1857	\$2,728
146		SIR0402A005146	2073	\$2,728
132	184TC-R0602	SIR0602A005132	2293	\$2,950
101		SIR0602A005101	2996	\$2,950
84		SIR0602A005084	3603	\$2,950
78	184TC-R0702	SIR0702A005078	3880	\$3,602
63		SIR0702A005063	4804	\$3,602
53		SIR0702A005053	5710	\$3,602
49	184TC-R0702	SIR0702A005049	6176	\$3,602
41		SIR0702A005041	7381	\$3,602
35		SIG0802A005035	8647	\$6,680
31	184TC-G0802	SIG0802A005031	9763	\$6,680

7.5 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	213TC-R0602	SIR0602AY75863	526	\$3,266
771		SIR0602AY75771	589	\$3,266
689		SIR0602AY75689	659	\$3,266
614	213TC-R0602	SIR0602AY75614	739	\$3,266
545		SIR0602AY75545	833	\$3,266
482		SIR0602AY75482	942	\$3,266
443	213TC-R0602	SIR0602AY75443	1025	\$3,266
388		SIR0602AY75388	1170	\$3,266
354		SIR0602AY75354	1282	\$3,266
316	213TC-R0602	SIR0602AY75316	1437	\$3,266
306		SIR0602AY75306	1484	\$3,266
282		SIR0602AY75282	1610	\$3,266
251	213TC-R0602	SIR0602AY75251	1809	\$3,266
223		SIR0602AY75223	2036	\$3,266
198		SIR0602AY75198	2293	\$3,266
182	213TC-R0602	SIR0602AY75182	2494	\$3,266
159		SIR0602AY75159	2855	\$3,266
145		SIR0602AY75145	3131	\$3,266
132	213TC-R0602	SIR0602AY75132	3439	\$3,266
125	213TC-R0702	SIR0702AY75125	3632	\$4,590
106		SIR0702AY75106	4283	\$4,590
100		SIR0702AY75100	4540	\$4,590
89	213TC-R0702	SIR0702AY75089	5100	\$4,590
78		SIR0702AY75078	5820	\$4,590
63		SIR0702AY75063	7206	\$4,590
53	213TC-G0802	SIG0802AY75053	8565	\$4,965
48		SIG0802AY75048	9458	\$4,965
36		SIG0802AY75036	12610	\$4,965
31	213TC-H0902	SIH0902AY75031	14644	\$6,962

10 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
863	215TC-R0602	SIR0602A010863	701	\$3,623
771		SIR0602A010771	785	\$3,623
689		SIR0602A010689	878	\$3,623
614	215TC-R0602	SIR0602A010614	986	\$3,623
545		SIR0602A010545	1111	\$3,623
482		SIR0602A010482	1256	\$3,623
443	215TC-R0602	SIR0602A010443	1366	\$3,623
388		SIR0602A010388	1560	\$3,623
354		SIR0602A010354	1710	\$3,623
316	215TC-R0602	SIR0602A010316	1915	\$3,623
306		SIR0602A010306	1978	\$3,623
282		SIR0602A010282	2146	\$3,623
251	215TC-R0602	SIR0602A010251	2411	\$3,623
223		SIR0602A010223	2714	\$3,623
198		SIR0602A010198	3057	\$3,623
182	215TC-R0602	SIR0602A010182	3326	\$3,623
157		SIR0702A010157	3855	\$4,944
137		SIR0702A010137	4418	\$4,944
125	215TC-R0702	SIR0702A010125	4842	\$4,944
106		SIR0702A010106	5710	\$4,944
100		SIR0702A010100	6053	\$4,944
84	215TC-G0802	SIG0802A010084	7206	\$5,328
75		SIG0802A010075	8070	\$5,328
62		SIG0802A010062	9763	\$5,328
53	215TC-G0802	SIG0802A010053	11420	\$5,328
48		SIG0802A010048	12610	\$5,328
39		SIH0902A010039	15520	\$7,320
35	215TC-H0902	SIH0902A010035	17294	\$7,320

15 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	254TC-R0702	SIR0702A015902	1006	\$6,433
806		SIR0702A015806	1126	\$6,433
719		SIR0702A015719	1263	\$6,433
640	254TC-R0702	SIR0702A015640	1418	\$6,433
568		SIR0702A015568	1598	\$6,433
502		SIR0702A015502	1808	\$6,433
461	254TC-R0702	SIR0702A015461	1969	\$6,433
404		SIR0702A015404	2247	\$6,433
351		SIR0702A015351	2586	\$6,433
318	254TC-R0702	SIR0702A015318	2855	\$6,433
280		SIR0702A015280	3242	\$6,433
249		SIR0702A015249	3646	\$6,433
221	254TC-R0702	SIR0702A015221	4108	\$6,433
196		SIR0702A015196	4632	\$6,433
180		SIR0702A015180	5044	\$6,433
135	254TC-G0802	SIG0802A015135	7006	\$6,610
116		SIG0802A015116	8153	\$6,610
105		SIG0802A015105	9007	\$6,610
96	254TC-G0802	SIG0802A015096	9851	\$6,610
85		SIG0802A015085	11126	\$6,610
75		SIG0802A015075	12610	\$6,610
61	254TC-H0902	SIH0902A015061	14116	\$9,593
54		SIH0902A015054	17514	\$9,593
49		SIH0902A015049	19301	\$9,593
41	254TC-H0902	SIH0902A015041	23067	\$9,593
37		SIH0902A015037	25561	\$9,593
30	254TC-H1002	SIH1002A015030	31525	\$13,428

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque) -Sterli-Seal® Washdown Duty

20 Horsepower				
F/L	Single/Double REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
902	256TC-R0702	SIR0702A020902	1342	\$6,743
806		SIR0702A020806	1502	\$6,743
719		SIR0702A020719	1684	\$6,743
640		SIR0702A020640	1892	\$6,743
568	256TC-R0702	SIR0702A020568	2131	\$6,743
502		SIR0702A020502	2411	\$6,743
461		SIR0702A020461	2626	\$6,743
404		SIR0702A020404	2996	\$6,743
351	256TC-R0702	SIR0702A020351	3448	\$6,743
318		SIR0702A020318	3806	\$6,743
280		SIR0702A020280	4323	\$6,743
249		SIR0702A020249	4862	\$6,743
210	256TC-G0802	SIG0802A020210	5765	\$6,926
187		SIG0802A020187	6474	\$6,926
153		SIG0802A020153	8242	\$6,926
135		SIG0802A020135	9341	\$6,926
116	256TC-G0802	SIG0802A020116	10871	\$6,926
105		SIG0802A020105	12010	\$6,926
95	256TC-H0902	SIH0902A020095	13274	\$9,905
85		SIH0902A020085	14835	\$9,905
77		SIH0902A020077	16377	\$9,905
58	256TC-H1002	SIH1002A020058	21741	\$13,740
49		SIH1002A020049	25735	\$13,740
45		SIH1002A020045	28022	\$13,740
40		SIH1002A020040	31525	\$13,740
36	256TC-H1002	SIH1002A020036	35028	\$13,740
34		SIH1302A020029	37088	\$19,236
29		SIG0712A020966	43483	\$19,236
28		SIG0712A020850	45036	\$19,236

30 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	286TC-H0902	SIH0902A030864	2101	\$12,286
771		SIH0902A030771	2354	\$12,286
687		SIH0902A030687	2642	\$12,286
593		SIH0902A030593	3061	\$12,286
533	286TC-H0902	SIH0902A030533	3405	\$12,286
477		SIH0902A030477	3805	\$12,286
431		SIH0902A030431	4211	\$12,286
384		SIH0902A030384	4727	\$12,286
347	286TC-H0902	SIH0902A030347	5231	\$12,286
310		SIH0902A030310	5855	\$12,286
266		SIH0902A030266	6824	\$12,286
238		SIH0902A030238	7627	\$12,286
214	286TC-H0902	SIH0902A030214	8482	\$12,286
192		SIH0902A030192	9454	\$12,286
171		SIH0902A030171	10615	\$12,286
150		SIH0902A030150	12101	\$12,286
138	286TC-H0902	SIH0902A030138	13153	\$12,286
121		SIH0902A030121	15001	\$12,286
106		SIH0902A030106	17124	\$12,286
95		SIH0902A030095	19107	\$12,286
91	286TC-H1002	SIH1002A030091	19946	\$16,158
82		SIH1002A030082	22136	\$16,158
68		SIH1002A030068	26693	\$16,158
59		SIH1002A030059	30765	\$16,158
57	286TC-H1002	SIH1002A030057	31844	\$16,158
50		SIH1002A030050	36302	\$16,158
45	286TC-H1302	SIH1302A030045	40336	\$19,927
41		SIH1302A030041	44271	\$19,927
33		SIH1402A030033	55004	\$26,204

25 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	284TC-H0902	SIH0902A025864	1751	\$11,693
771		SIH0902A025771	1962	\$11,693
687		SIH0902A025687	2202	\$11,693
593		SIH0902A025593	2551	\$11,693
533	284TC-H0902	SIH0902A025533	2838	\$11,693
477		SIH0902A025477	3171	\$11,693
431		SIH0902A025431	3510	\$11,693
384		SIH0902A025384	3939	\$11,693
347	284TC-H0902	SIH0902A025347	4359	\$11,693
310		SIH0902A025310	4879	\$11,693
266		SIH0902A025266	5686	\$11,693
238		SIH0902A025238	6355	\$11,693
214	284TC-H0902	SIH0902A025214	7068	\$11,693
192		SIH0902A025192	7878	\$11,693
171		SIH0902A025171	8846	\$11,693
150		SIH0902A025150	10084	\$11,693
138	284TC-H0902	SIH0902A025138	10961	\$11,693
121		SIH0902A025121	12501	\$11,693
106		SIH0902A025106	14270	\$11,693
95		SIH0902A025095	15922	\$11,693
85	284TC-H0902	SIH0902A025085	17795	\$11,693
77		SIH0902A025077	19644	\$11,693
68	284TC-H1002	SIH1002A025068	22244	\$15,565
59		SIH1002A025059	25637	\$15,565
57		SIH1002A025057	26537	\$15,565
50		SIH1002A025050	30252	\$15,565
47	284TC-H1002	SIH1002A025047	32183	\$15,565
41		SIH1302A025041	36893	\$19,332
34		SIH1302A025034	44488	\$19,332
27		SIH1402A025027	56022	\$25,611

40 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	324TC-H0902	SIH0902A040864	2801	\$14,606
771		SIH0902A040771	3139	\$14,606
687		SIH0902A040687	3523	\$14,606
593		SIH0902A040593	4081	\$14,606
533	324TC-H0902	SIH0902A040533	4541	\$14,606
477		SIH0902A040477	5074	\$14,606
431		SIH0902A040431	5616	\$14,606
384		SIH0902A040384	6303	\$14,606
347	324TC-H0902	SIH0902A040347	6975	\$14,606
310		SIH0902A040310	7807	\$14,606
266		SIH0902A040266	9098	\$14,606
238		SIH0902A040238	10169	\$14,606
214	324TC-H0902	SIH0902A040214	11309	\$14,606
192		SIH0902A040192	12605	\$14,606
171		SIH0902A040171	14153	\$14,606
150		SIH0902A040150	16134	\$14,606
138	324TC-H0902	SIH0902A040138	17537	\$14,606
121		SIH0902A040121	20001	\$14,606
107		SIH1002A040107	22618	\$18,587
96		SIH1002A040096	25210	\$18,587
91	324TC-H1002	SIH1002A040091	26595	\$18,587
82		SIH1002A040082	29514	\$18,587
69		SIH1302A040069	35075	\$24,509
62		SIH1302A040062	39035	\$24,509
55	324TC-H1302	SIH1302A040055	44003	\$24,509
50		SIH1302A040050	48403	\$24,509
45	324TC-H1402	SIH1402A040045	53781	\$29,894
40		SIH1402A040040	60504	\$29,894

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

(Inverter Duty 10:1 Constant Torque) -Sterli-Seal® Washdown Duty

50 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
864	326TC-H0902	SIH0902A050864	3501	\$15,830
771		SIH0902A050771	3924	\$15,830
687		SIH0902A050687	4403	\$15,830
593	326TC-H0902	SIH0902A050593	5102	\$15,830
533		SIH0902A050533	5676	\$15,830
477		SIH0902A050477	6342	\$15,830
431	326TC-H0902	SIH0902A050431	7019	\$15,830
384		SIH0902A050384	7878	\$15,830
347		SIH0902A050347	8718	\$15,830
310	326TC-H0902	SIH0902A050310	9759	\$15,830
266		SIH0902A050266	11373	\$15,830
238		SIH0902A050238	12711	\$15,830
214	326TC-H0902	SIH0902A050214	14137	\$15,830
192		SIH0902A050192	15756	\$15,830
166	326TC-H1002	SIH1002A050166	18224	\$19,806
147		SIH1002A050147	20580	\$19,806
141		SIH1002A050141	21455	\$19,806
124	326TC-H1002	SIH1002A050124	24397	\$19,806
107		SIH1002A050107	28273	\$19,806
96		SIH1002A050096	31513	\$19,806
91	326TC-H1002	SIH1002A050091	33244	\$19,806
78		SIH1302A050078	38785	\$25,732
69		SIH1302A050069	43843	\$25,732
62	326TC-H1302	SIH1302A050062	48794	\$25,732
55		SIH1402A050055	55004	\$31,117
48		SIH1402A050048	63025	\$31,117
45	326TC-H1402	SIH1402A050045	67227	\$31,117
40		SIH1402A050040	75630	\$31,117

60 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	364TC-H1302	SIH1302A060606	5990	\$23,942
552		SIH1302A060552	6577	\$23,942
484		SIH1302A060484	7500	\$23,942
437	364TC-H1302	SIH1302A060437	8307	\$23,942
398		SIH1302A060398	9121	\$23,942
349		SIH1302A060349	10402	\$23,942
318	364TC-H1302	SIH1302A060318	11416	\$23,942
256		SIH1302A060256	14181	\$23,942
226		SIH1302A060226	16063	\$23,942
204	364TC-H1302	SIH1302A060204	17795	\$23,942
178		SIH1302A060178	20395	\$23,942
157		SIH1302A060157	23123	\$23,942
142	364TC-H1302	SIH1302A060142	25565	\$23,942
125		SIH1302A060125	29042	\$23,942
110		SIH1302A060110	33002	\$23,942
98	364TC-H1402	SIH1302A060098	37043	\$23,942
80		SIH1402A060080	41727	\$28,770
73		SIH1402A060073	48713	\$28,770
68	364TC-H1402	SIH1402A060068	53386	\$28,770
60		SIH1402A060060	60504	\$28,770

75 Horsepower				
F/L	DOUBLE REDUCTION		Output	LIST
RPM	Frame	Model No.	Torque	Price
606	365TC-H1302	SIH1302A075606	7488	\$25,073
552		SIH1302A075552	8221	\$25,073
484		SIH1302A075484	9376	\$25,073
437	365TC-H1302	SIH1302A075437	10384	\$25,073
398		SIH1302A075398	11402	\$25,073
349		SIH1302A075349	13002	\$25,073
318	365TC-H1302	SIH1302A075318	14270	\$25,073
283		SIH1302A075283	16035	\$25,073
256		SIH1302A075256	17726	\$25,073
226	365TC-H1302	SIH1302A075226	20079	\$25,073
204		SIH1302A075204	22244	\$25,073
178		SIH1302A075178	25493	\$25,073
157	365TC-H1302	SIH1302A075157	28903	\$25,073
142		SIH1302A075142	31956	\$25,073
125		SIH1302A075125	36302	\$25,073
107	365TC-H1402	SIH1402A075107	42409	\$29,904
97		SIH1402A075097	46781	\$29,904
79		SIH1402A075079	57441	\$29,904

Note: All gearmotors listed are 1725 Rpm, 3 Phase, 60Hz, 230/460 Volt, Totally Enclosed Fan Cooled Enclosure
Output Torque in Inch Pounds

DOUBLE REDUCTION RATING TABLE

Frame Size			R0402					R0602				
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	Thermal HP Rating*†	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	Thermal HP Rating*†	In. Lbs. Output Torque	Max NEMA Frame
2.0	3500	1750	1.943	14.30	*	471	180TC	2.033	25.12	*	865	210TC
	1750	875		11.27	10.50	742			20.47	17.50	1410	
	1160	580		9.28	10.00	921			17.23	16.90	1790	
	875	438		7.92	9.70	1043			14.94	16.40	2058	
2.2	3500	1591	2.141	14.05	*	509	180TC	2.278	24.71	*	954	210TC
	1750	795		10.98	10.50	797			19.96	17.50	1540	
	1160	527		8.99	10.00	984			16.69	16.90	1943	
	875	398		7.65	9.70	1109			14.41	16.40	2225	
2.5	3500	1400	2.479	13.58	*	570	180TC	2.557	24.09	*	1043	210TC
	1750	700		10.48	10.50	880			19.27	17.50	1669	
	1160	464		8.51	10.00	1078			16.01	16.90	2092	
	875	350		7.20	9.70	1209			13.76	16.40	2383	
3.0	3500	1167	2.881	12.98	*	633	180TC	2.877	23.62	*	1151	210TC
	1750	583		9.88	10.50	964			18.69	17.50	1822	
	1160	387		7.94	10.00	1169			15.42	16.90	2267	
	875	292		6.68	9.700	1304			13.19	16.40	2570	
3.2	3500	1094	3.194	12.57	*	680	180TC	3.248	22.94	*	1262	210TC
	1750	547		9.46	10.50	1023			17.94	17.50	1973	
	1160	363		7.56	10.00	1233			14.68	16.90	2437	
	875	273		6.33	9.70	1369			12.49	16.40	2748	
3.6	3500	972	3.551	12.34	*	742	180TC	3.681	22.23	*	1386	210TC
	1750	486		9.18	10.5	1104			17.16	17.50	2139	
	1160	322		7.29	10.0	1322			13.92	16.90	2619	
	875	243		6.07	9.7	1461			11.78	16.40	2938	
4.0	3500	875	3.963	12.09	*	812	180TC	4.015	21.62	*	1470	210TC
	1750	438		8.89	10.5	1193			16.53	17.50	2247	
	1160	290		7.00	10.0	1417			13.33	16.90	2735	
	875	219		5.81	9.7	1559			11.23	16.40	3055	
4.5	3500	778	4.444	11.33	*	852	180TC	4.598	20.67	*	1609	210TC
	1750	389		8.21	10.50	1236			15.56	17.50	2422	
	1160	258		6.41	10.00	1457			12.43	16.90	2920	
	875	194		11.33	9.70	1594			20.67	16.40	3241	
5.0	3500	700	5.012	10.46	*	888	180TC	5.056	20.36	*	1743	210TC
	1750	350		7.47	10.50	1268			15.14	17.50	2593	
	1160	232		5.79	10.00	1482			12.02	16.90	3104	
	875	175		4.75	9.70	1613			9.82	16.40	3364	
5.4	3500	648	5.466	14.05	*	1300	180TC	5.559	24.71	*	2327	210TC
	1750	324		9.54	10.50	1766			16.10	17.50	3031	
	1160	215		7.03	10.00	1963			13.00	16.90	3692	
	875	162		5.60	9.70	2075			10.47	16.40	3944	
5.8	3500	603	5.694	9.59	*	925	180TC	5.880	19.50	*	1942	210TC
	1750	302		6.74	10.50	1300			14.23	17.50	2834	
	1160	200		5.17	10.00	1505			10.91	16.90	3279	
	875	151		4.22	9.70	1630			8.67	16.40	3455	
6.3	3500	556	6.330	13.54	*	1451	180TC	6.240	24.09	*	2546	210TC
	1750	278		8.58	10.46	1840			14.90	17.50	3150	
	1160	184		6.26	9.92	2024			11.92	16.90	3800	
	875	139		4.96	9.65	2126			9.55	16.40	4036	
7.2	3500	486	7.356	12.38	*	1542	180TC	7.021	22.82	*	2713	210TC
	1750	243		7.67	10.46	1912			13.73	17.50	3266	
	1160	161		5.53	9.92	2080			10.88	16.90	3904	
	875	122		4.36	9.65	2173			8.67	16.40	4124	
8.0	3500	438	8.154	11.61	*	1603	180TC	7.925	21.33	*	2862	210TC
	1750	219		7.09	10.46	1958			12.59	17.50	3380	
	1160	145		5.08	9.92	2116			9.88	16.90	4003	
	875	109		3.99	9.65	2202			7.84	16.40	4207	
9.0	3500	389	9.066	10.83	*	1663	180TC	8.984	19.81	*	3014	210TC
	1750	194		6.52	10.46	2003			11.47	17.50	3492	
	1160	129		4.64	9.92	2151			8.93	16.90	4098	
	875	97		3.63	9.65	2230			7.04	16.40	4286	
10	3500	350	10.118	10.06	*	1724	180TC	9.797	18.78	*	3116	210TC
	1750	175		5.97	10.46	2046			10.74	17.50	3565	
	1160	116		4.22	9.92	2184			8.31	16.90	4160	
	875	88		3.29	9.65	2257			6.53	16.40	4337	
11	3500	318	11.346	9.29	*	1785	180TC	11.219	17.22	*	3272	210TC
	1750	159		5.43	10.46	2088			9.66	17.50	3672	
	1160	105		3.82	9.92	2215			7.41	16.90	4249	
	875	80		2.97	9.65	2282			5.80	16.40	4410	
12	3500	292	12.797	8.52	*	1846	180TC	12.337	16.16	*	3377	210TC
	1750	146		4.91	10.46	2129			8.96	17.50	3743	
	1160	97		3.43	9.92	2246			6.83	16.90	4307	
	875	73		2.66	9.65	2307			5.33	16.40	4457	
14	3500	250	14.863	4.47	7.37	1125	180TC	14.216	10.60	12.30	2552	210TC
	1750	125		2.76	10.46	1389			6.84	17.40	3291	
	1160	83		1.99	9.92	1508			5.02	16.60	3648	
	875	63		1.56	9.65	1574			3.97	16.10	3825	

* CONSULT FACTORY- Thermal ratings are a measure of the units ability to dissipate heat. If they are exceeded the lubrication may breakdown resulting in premature gear failure.

† Stainless Steel constructed units have a reduced thermal rating – Consult factory

DOUBLE REDUCTION RATING TABLE

Frame Size			R0402					R0602				
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	Thermal HP Rating*†	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	Thermal HP Rating*†	In. Lbs. Output Torque	Max NEMA Frame
17	3500	206	16.992	3.48	7.37	1000	180TC	17.488	7.89	12.30	2336	210TC
	1750	103		2.11	10.46	1214			4.94	17.40	2928	
	1160	68		1.51	9.92	1308			3.58	16.60	3202	
	875	51		1.18	9.65	1359			2.83	16.10	3353	
18	3500	194	17.919	6.58	7.37	1998	180TC	17.925	12.37	12.30	3755	210TC
	1750	97		3.67	10.46	2227			6.56	17.40	3982	
	1160	64		2.53	9.92	2317			4.91	16.60	4499	
	875	49		1.95	9.65	2363			3.80	16.10	4610	
20	3500	175	19.081	2.87	7.37	927	180TC	19.419	6.89	12.30	2268	210TC
	1750	88		1.72	10.46	1109			4.26	17.40	2802	
	1160	58		1.22	9.92	1188			3.07	16.60	3044	
	875	44		0.95	9.65	1230			2.41	16.10	3176	
22	3500	159	22.747	5.42	7.37	2089	180TC	21.651	10.70	12.30	3922	210TC
	1750	80		2.96	10.46	2283			5.56	17.40	4081	
	1160	53		2.03	9.92	2356			4.14	16.60	4576	
	875	40		1.55	9.65	2394			3.18	16.10	4671	
26	3500	135	27.308	4.65	7.37	2150	180TC	26.867	8.99	12.30	4092	210TC
	1750	67		2.51	10.46	2319			4.59	17.40	4178	
	1160	45		1.71	9.92	2382			3.39	16.60	4650	
	875	34		1.30	9.65	2413			2.60	16.10	4729	
32	3500	109	33.692	3.87	7.37	2211	180TC	31.681	7.84	12.30	4207	210TC
	1750	55		2.06	10.46	2354			3.95	17.40	4241	
	1160	36		1.40	9.92	2406			2.90	16.60	4699	
	875	27		1.07	9.65	2432			2.22	16.10	4767	
36	3500	97	37.949	3.49	7.37	2241	180TC	34.690	7.26	12.30	4265	210TC
	1750	49		1.84	10.46	2371			3.64	17.40	4273	
	1160	32		1.25	9.92	2418			2.66	16.60	4723	
	875	24		0.95	9.65	2441			2.04	16.10	4785	
42	3500	83	43.385	3.09	7.37	2273	180TC	42.675	6.07	12.30	4384	210TC
	1750	42		1.62	10.46	2388			3.00	17.40	4336	
	1160	28		1.10	9.92	2430			2.19	16.60	4770	
	875	21		0.83	9.65	2450			1.67	16.10	4822	
50	3500	70	48.718	2.78	7.37	2297	180TC	47.386	5.53	12.30	4437	210TC
	1750	35		1.46	10.46	2401			2.72	17.40	4364	
	1160	23		0.98	9.92	2439			1.98	16.60	4791	
	875	18		0.74	9.65	2457			1.51	16.10	4838	
54	3500	65	55.385	2.47	7.37	2321	180TC	53.143	4.99	12.30	4491	210TC
	1750	32		1.29	10.46	2415			2.44	17.40	4392	
	1160	21		0.86	9.92	2448			1.77	16.60	4812	
	875	16		0.66	9.65	2464			1.35	16.10	4854	

* CONSULT FACTORY- Thermal ratings are a measure of the units ability to dissipate heat. If they are exceeded the lubrication may breakdown resulting in premature gear failure.

† Stainless Steel constructed units have a reduced thermal rating – Consult factory.

DOUBLE REDUCTION RATING TABLE

Frame Size			R0702					G0802				
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	Thermal HP Rating	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	Thermal HP Rating	In. Lbs. Output Torque	Max NEMA Frame
2.0	3500	1699	1.940	25.85	*	849	250TC					
	1750	849		21.71	19.3	1426						
	1160	563		18.66	18.1	1850						
	875	424		16.44	17.6	2160						
2.5	3500	1400	2.434	26.09	*	1075	250TC					
	1750	700		21.55	19.3	1776						
	1160	464		18.30	18.1	2277						
	875	350		15.98	17.6	2635						
2.8	3500	1280	2.734	26.28	*	1217	250TC					
	1750	640		21.50	19.3	1991						
	1160	424		18.14	18.1	2534						
	875	320		15.76	17.6	2919						
3.2	3500	1136	3.080	26.41	*	1378	250TC					
	1750	568		21.37	19.3	2230						
	1160	377		17.90	18.1	2818						
	875	284		15.47	17.6	3229						
3.6	3500	1005	3.484	26.69	*	1575	250TC	3.678	65.7	*	4160	250TC
	1750	502		21.35	19.3	2520						
	1160	333		17.74	18.1	3158						
	875	251		15.24	17.6	3598						
4.0	3500	923	3.793	26.73	*	1717	250TC					
	1750	461		21.19	19.3	2723						
	1160	306		17.50	18.1	3393						
	875	231		14.98	17.6	3851						
4.5	3500	808	4.331	27.75	*	2035	250TC					
	1750	404		21.68	19.3	3181						
	1160	268		17.74	18.1	3927						
	875	202		27.75	17.6	4428						
5.0	3500	702	4.985	28.26	*	2386	250TC	5.214	65.7	*	5930	250TC
	1750	351		21.74	19.3	3670						
	1160	233		17.60	18.1	4483						
	875	176		14.59	17.6	4928						
5.4	3500	628	5.572	31.11	*	2936	250TC					
	1750	314		21.70	19.3	4097						
	1160	208		16.60	18.1	4727						
	875	157		13.53	17.6	5106						
5.8	3500	636	5.504	27.39	*	2553	250TC					
	1750	318		20.81	19.3	3879						
	1160	211		16.72	18.1	4703						
	875	159		13.50	17.6	5034						
6.3	3500	560	6.246	29.56	*	3127	250TC	6.442	61.7	27.7	6900	250TC
	1750	280		20.23	19.3	4279						
	1160	186		15.31	18.1	4886						
	875	140		12.40	17.6	5246						
7.2	3500	499	7.016	30.30	*	3600	250TC					
	1750	249		20.33	19.3	4831						
	1160	165		15.32	18.1	5461						
	875	125		12.26	17.6	5827						
8.0	3500	443	7.904	28.53	*	3819	250TC	8.330	53.1	27.7	7680	250TC
	1750	221		18.77	19.3	5024						
	1160	147		13.92	18.1	5622						
	875	111		11.14	17.6	5966						

* CONSULT FACTORY - Thermal ratings are a measure of the units ability to dissipate heat. If they are exceeded the lubrication may breakdown resulting in premature gear failure.

DOUBLE REDUCTION RATING TABLE

Frame Size			R0702					G0802				
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	Thermal HP Rating *	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	Thermal HP Rating *	In. Lbs. Output Torque	Max NEMA Frame
9.0	3500	391	8.941	26.71	*	4044	250TC	9.352	49.4	27.7	8020	250TC
	1750	196		17.22	19.3	5215			31.1	39.0	10200	
	1160	130		12.65	18.1	5779			21.8	37.3	10700	
	875	98		10.07	17.6	6098			16.4	36.1	10800	
10	3500	360	9.733	25.46	*	4197	250TC					
	1750	180		16.20	19.3	5341						
	1160	119		11.82	18.1	5881						
	875	90		9.38	17.6	6183						
11	3500	315	11.114	23.55	*	4433	250TC	11.47	43.1	27.7	8590	250TC
	1750	157		14.68	19.3	5528			27.2	39.0	10900	
	1160	104		10.62	18.1	6030			20.6	37.3	12500	
	875	79		8.38	17.6	6307			16.4	36.1	13200	
12	3500	274	12.790	21.59	*	4676	210TC	12.92	39.3	27.7	8820	250TC
	1750	137		13.19	19.3	5713			24.7	39.0	11200	
	1160	91		9.45	18.1	6175			18.8	37.3	12800	
	875	68		7.42	17.6	6426			15.6	36.1	14100	
14	3500	250	13.986	19.64	13.5	4653	210TC	15.04	35.5	27.7	9280	250TC
	1750	125		13.09	19.0	6202			22.4	39.0	11700	
	1160	83		9.77	18.1	6986			17.0	37.3	13500	
	875	63		7.85	17.6	7440			14.1	36.1	14800	
17	3500	250	16.444	14.19	13.5	3953	210TC	16.69	32.9	27.7	9540	250TC
	1750	125		9.24	19.0	5145			20.7	39.0	12100	
	1160	83		6.82	18.1	5727			14.3	37.3	12600	
	875	63		5.44	17.6	6058			10.8	36.1	12600	
18	3500	200	17.515	18.23	13.5	5409	210TC	18.26	30.3	27.7	9620	250TC
	1750	100		10.69	19.0	6341			18.9	39.0	12100	
	1160	66		7.52	18.1	6732			12.5	37.3	12100	
	875	50		5.85	17.6	6938			9.46	36.1	12100	
20	3500	177	19.755	12.08	13.5	4041	210TC	20.66	27.8	27.7	9970	250TC
	1750	89		7.65	19.0	5122			17.5	39.0	12600	
	1160	59		5.58	18.1	5629			11.9	37.3	12900	
	875	44		4.42	17.6	5913			8.97	36.1	12900	
22	3500	156	22.415	15.23	13.5	5780	210TC	23.32	25.2	27.7	10200	250TC
	1750	78		8.68	19.0	6589			15.9	39.0	12900	
	1160	52		6.04	18.1	5915			11.1	37.3	13600	
	875	39		4.67	17.6	7084			8.36	36.1	13600	
28	3500	126	27.804	12.89	13.5	6069	210TC	28.27	21.2	27.7	10400	250TC
	1750	63		7.19	19.0	6772			13.4	39.0	13200	
	1160	42		4.96	18.1	7048			9.94	37.3	14800	
	875	31		3.82	17.6	7189			7.50	36.1	14800	
32	3500	107	32.779	11.29	13.5	6267	210TC	32.97	18.6	27.7	10700	250TC
	1750	53		6.21	19.0	6894			11.7	39.0	13500	
	1160	35		4.26	18.1	7134			8.68	37.3	15000	
	875	27		3.27	17.6	7257			6.55	36.1	15000	
36	3500	98	35.889	10.48	13.5	6367	210TC	36.21	17.3	27.7	10900	250TC
	1750	49		5.72	19.0	6954			10.9	39.0	13700	
	1160	32		3.91	18.1	7177			7.91	37.3	15000	
	875	24		3.00	17.6	7290			5.97	36.1	15000	
45	3500	83	42.195	9.14	13.5	6532	210TC	44.38	14.5	27.7	11100	250TC
	1750	41		4.93	19.0	7051			9.11	39.0	14100	
	1160	27		3.36	18.1	7245			6.45	37.3	15000	
	875	21		2.57	17.6	7343			4.87	36.1	15000	
50	3500	69	50.691	7.80	13.5	6697	210TC	48.46	13.4	27.7	11200	250TC
	1750	35		4.16	19.0	7146			8.42	39.0	14200	
	1160	23		2.82	18.1	7312			5.92	37.3	15000	
	875	17		2.15	17.6	7394			4.46	36.1	15000	
56	3500	62	56.213	7.12	13.5	6781	210TC	55.80	11.7	27.7	11300	250TC
	1750	31		3.78	19.0	7194			6.97	39.0	13500	
	1160	21		2.56	18.1	7345			4.71	37.3	13700	
	875	16		1.95	17.6	7420			3.55	36.1	13700	

• CONSULT FACTORY- Thermal ratings are a measure of the units ability to dissipate heat. If they are exceeded the lubrication may breakdown resulting in premature gear failure.

DOUBLE REDUCTION RATING TABLE

Frame Size			H0902					H1002				
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	Thermal HP Rating *	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	Thermal HP Rating *	In. Lbs. Output Torque	Max NEMA Frame
3.6	3500	933	3.688	89.1	*	5740	320TC	3.500	180	*	11000	320TC
	1750	466		56.2	56.2	7280			113	75.7	13900	
	1160	309		42.7	53.6	8360			74.7	72.4	13900	
	875	233		35.4	52.0	9200			56.3	70.1	13900	
5.0	3500	690	5.073	125	*	11000	320TC	4.938	220	*	18900	320TC
	1750	345		78.7	56.2	14000			127	75.7	21800	
	1160	228		59.8	53.6	16000			83.9	72.4	21900	
	875	172		49.6	52.0	17700			63.3	70.1	21900	
5.6	3500	607	5.686	118	*	11700	320TC	5.370	209	*	19600	320TC
	1750	303		74.3	56.2	14800			127	75.7	23800	
	1160	201		56.4	53.6	17000			83.9	72.4	23800	
	875	151		46.8	52.0	18700			63.3	70.1	23800	
6.3	3500	536	6.628	96.6	39.3	11200	320TC	6.724	182	52.9	21300	320TC
	1750	268		60.9	55.4	14100			112	74.5	26300	
	1160	177		46.3	52.8	16300			83.6	71.2	29700	
	875	134		38.4	51.2	17900			63.3	68.9	29900	
8.0	3500	419	8.224	96.6	39.3	13900	320TC	7.945	163	52.9	22600	320TC
	1750	209		60.5	55.4	17400			100	74.5	27800	
	1160	138		45.3	52.8	19700			75.1	71.2	31500	
	875	104		37.1	51.2	21500			61.6	68.9	34300	
9.0	3500	389	9.188	89.1	39.3	14300	320TC	8.578	155	52.9	23200	320TC
	1750	194		56.2	55.4	18100			95.5	74.5	28600	
	1160	128		42.2	52.8	20500			71.5	71.2	32400	
	875	97		34.6	51.2	22300			58.7	68.9	35200	
11	3500	308	11.71	65.5	39.3	13400	320TC	11.98	125	52.9	26100	320TC
	1750	154		41.3	55.4	16900			76.5	74.5	32100	
	1160	102		31.4	52.8	19500			52.7	71.2	33400	
	875	77		26	51.2	21400			39.7	68.9	33400	
12	3500	271	12.74	72.0	39.3	16000	320TC	12.51	121	52.9	26400	320TC
	1750	135		45.3	55.4	20200			74.3	74.5	32500	
	1160	90		34.0	52.8	22900			55.7	71.2	36800	
	875	67		27.9	51.2	24900			44.6	68.9	39100	
14	3500	237	14.53	65.5	39.3	16600	320TC	14.16	112	52.9	27500	320TC
	1750	118		41.3	55.4	21000			68.5	74.5	33900	
	1160	78		31.1	52.8	23900			51.3	71.2	38400	
	875	59		24.8	51.2	25300			39.4	68.9	39100	
16	3500	213	16.59	50.0	39.3	14500	320TC	16.43	101	52.9	28900	320TC
	1750	106		31.5	55.4	18300			58.1	74.5	33400	
	1160	70		24.0	52.8	21000			38.5	71.2	33400	
	875	53		19.9	51.2	23100			29.0	68.9	33400	
18	3500	193	18.43	45.5	39.3	14700	320TC	18.25	91.9	52.9	29300	320TC
	1750	96		28.7	55.4	18500			52.3	74.5	33400	
	1160	64		21.8	52.8	21300			34.7	71.2	33400	
	875	48		18.1	51.2	23400			26.1	68.9	33400	
20	3500	176	20.59	50.0	39.3	18000	320TC	19.41	90.2	52.9	30500	320TC
	1750	88		31.5	55.4	22700			55.4	74.5	37600	
	1160	58		23.2	52.8	25300			38.2	71.2	39100	
	875	44		17.5	51.2	25300			28.8	68.9	39100	
22	3500	150	22.87	45.5	39.3	18200	320TC	21.57	84.0	52.9	31600	320TC
	1750	75		28.7	55.4	23000			51.6	74.5	38900	
	1160	49		20.9	52.8	25300			34.4	71.2	39100	
	875	37		15.8	51.2	25300			25.9	68.9	39100	
28	3500	125	28.74	31.4	39.3	15800	320TC	29.99	60.8	52.9	31700	320TC
	1750	62		19.8	55.4	19900			31.9	74.5	33400	
	1160	41		15.1	52.8	22900			21.1	71.2	33400	
	875	31		11.6	51.2	23400			15.9	68.9	33400	
32	3500	107	32.31	34.4	39.3	19300	320TC	30.76	65.9	52.9	35300	320TC
	1750	53		21.6	55.4	24400			36.4	74.5	39100	
	1160	35		14.9	52.8	25300			24.1	71.2	39100	
	875	26		11.2	51.2	25300			18.2	68.9	39100	
36	3500	96	35.67	31.4	39.3	19500	320TC	35.44	59.9	52.9	36900	320TC
	1750	48		19.8	55.4	24700			31.6	74.5	39100	
	1160	32		13.4	52.8	25300			21.0	71.2	39100	
	875	24		10.1	51.2	25300			15.8	68.9	39100	
45	3500	80	44.44	28.2	39.3	21800	320TC	42.7	49.6	52.9	36800	320TC
	1750	40		14.1	55.4	21800			24.8	74.5	36800	
	1160	26		9.35	52.8	21800			16.4	71.2	36800	
	875	20		7.05	51.2	21900			12.4	68.9	36900	
50	3500	70	49.07	23.7	39.3	20200	320TC	47.93	45.2	52.9	37600	320TC
	1750	35		14.8	55.4	25300			22.6	74.5	37700	
	1160	23		9.80	52.8	25300			15.0	71.2	37700	
	875	17		7.39	51.2	25300			11.3	68.9	37700	
56	3500	61	55.18	19.9	39.3	19100	320TC	51.49	38.3	52.9	34200	320TC
	1750	30		9.37	55.4	18000			19.2	74.5	34200	
	1160	20		6.02	52.8	17400			12.7	71.2	34300	
	875	15		4.46	51.2	17100			9.59	68.9	34300	

* CONSULT FACTORY - Thermal ratings are a measure of the units ability to dissipate heat. If they are exceeded the lubrication may breakdown resulting in premature gear failure.

DOUBLE REDUCTION RATING TABLE

Frame Size			H1302					H1402				
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	Thermal HP Rating *	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	Thermal HP Rating *	In. Lbs. Output Torque	Max NEMA Frame
3.6	3500	933	3.638	304	*	19200	400TC	3.822	443	*	29400	400TC
	1750	466		152	96.1	19200			222	131.2	29500	
	1160	309		101	91.8	19300			147	125.3	29500	
	875	233		75.9	88.9	19300			111	121.4	29500	
5.0	3500	690	5.042	304	*	26600	400TC	5.333	443	*	41100	400TC
	1750	345		152	96.1	26700			222	131.2	41200	
	1160	228		101	91.8	26700			147	125.3	41200	
	875	172		75.9	88.9	26700			111	121.4	41200	
5.6	3500	607	5.538	304	*	29300	400TC	6.005	443	*	46300	400TC
	1750	303		152	96.1	29400			222	131.2	46400	
	1160	201		101	91.8	29400			147	125.3	46400	
	875	151		75.9	88.9	29400			111	121.4	46400	
6.3	3500	536	6.210	304	67.2	33000	400TC	6.548	443	91.7	50700	400TC
	1750	268		152	94.6	33000			222	129.1	50700	
	1160	177		101	90.3	33000			147	123.3	50700	
	875	134		75.9	87.5	33100			111	119.4	50700	
8.0	3500	419	7.779	304	67.2	41200	400TC	8.667	443	91.7	67000	400TC
	1750	209		152	94.6	41200			222	129.1	67000	
	1160	138		101	90.3	41200			147	123.3	67000	
	875	104		75.9	87.5	41300			111	119.4	67000	
9.0	3500	389	8.618	284	67.2	42700	400TC	9.623	437	91.7	73300	400TC
	1750	194		152	94.6	45700			222	129.1	74400	
	1160	128		101	90.3	45700			147	123.3	74400	
	875	97		75.9	87.5	45700			111	119.4	74400	
11	3500	308	11.20	252	67.2	49400	400TC	11.43	317	91.7	63100	400TC
	1750	154		134	94.6	52500			208	129.1	83000	
	1160	102		88.7	90.3	52500			147	123.3	88400	
	875	77		66.9	87.5	52500			111	119.4	88400	
12	3500	271	12.39	208	67.2	44900	400TC	13.32	347	91.7	80500	400TC
	1750	135		128	94.6	55300			195	129.1	90500	
	1160	90		86.2	90.3	56200			129	123.3	90500	
	875	67		65.0	87.5	56200			97.5	119.4	90500	
14	3500	237	14.03	201	67.2	49200	400TC	15.13	317	91.7	83400	400TC
	1750	118		114	94.6	55700			174	129.1	91900	
	1160	78		75.4	90.3	55700			116	123.3	91900	
	875	59		56.8	87.5	55700			87.2	119.4	91900	
16	3500	213	15.97	182	67.2	50800	400TC	16.43	240	91.7	68500	400TC
	1750	106		98.4	94.6	54900			158	129.1	90300	
	1160	70		65.2	90.3	54900			114	123.3	98200	
	875	53		49.2	87.5	54900			85.8	119.4	98200	
18	3500	193	18.00	175	67.2	54800	400TC	18.11	225	91.7	70700	400TC
	1750	96		87.3	94.6	54900			148	129.1	93300	
	1160	64		57.8	90.3	54900			103	123.3	98200	
	875	48		43.6	87.5	54900			77.8	119.4	98200	
20	3500	176	20.00	144	67.2	50000	400TC	21.75	240	91.7	90500	400TC
	1750	88		80.8	94.6	56200			124	129.1	93800	
	1160	58		53.5	90.3	56200			82.2	123.3	93800	
	875	44		40.4	87.5	56200			62.0	119.4	93800	
22	3500	150	22.55	137	67.2	53600	400TC	23.97	225	91.7	93400	400TC
	1750	75		71.6	94.6	56200			115	129.1	95300	
	1160	49		47.5	90.3	56200			75.9	123.3	95300	
	875	37		35.8	87.5	56200			57.2	119.4	95300	
28	3500	125	28.35	112	67.2	54900	400TC	26.07	152	91.7	74700	400TC
	1750	62		55.8	94.6	54900			90.0	129.1	88300	
	1160	41		36.9	90.3	54900			59.6	123.3	88300	
	875	31		27.9	87.5	54900			45.0	119.4	88300	
32	3500	107	31.89	101	67.2	55700	400TC	34.51	158	91.7	94300	400TC
	1750	53		50.9	94.6	56200			79.0	129.1	94300	
	1160	35		33.7	90.3	56200			52.3	123.3	94300	
	875	26		25.4	87.5	56200			39.5	119.4	94300	
36	3500	96	35.52	91.6	67.2	56200	400TC	37.39	148	91.7	95600	400TC
	1750	48		45.8	94.6	56200			73.8	129.1	95600	
	1160	32		30.3	90.3	56200			48.9	123.3	95600	
	875	24		22.9	87.5	56200			36.9	119.4	95600	
45	3500	80	43.45	71.0	67.2	53200	320TC	42.71	112	91.7	82600	400TC
	1750	40		38.2	94.6	57200			59.1	129.1	87200	
	1160	26		25.3	90.3	57200			40.2	123.3	89500	
	875	20		19.1	87.5	57200			30.3	119.4	89500	
50	3500	70	48.63	59.5	67.2	50100	320TC	51.27	81.1	91.7	71900	320TC
	1750	35		29.7	94.6	50100			40.6	129.1	72000	
	1160	23		19.7	90.3	50100			26.9	123.3	72000	
	875	17		14.9	87.5	50100			20.3	119.4	72000	
56	3500	61	51.74	59.5	67.2	53300	320TC	57.52	75.2	91.7	74700	320TC
	1750	30		29.7	94.6	53300			37.6	129.1	74700	
	1160	20		19.7	90.3	53300			24.9	123.3	74800	
	875	15		14.9	87.5	53400			18.8	119.4	74800	

* CONSULT FACTORY - Thermal ratings are a measure of the units ability to dissipate heat. If they are exceeded the lubrication may breakdown resulting in premature gear failure.

A44

2000HG HELICAL GEAR REDUCERS

STERLING
ELECTRIC, INC.

TRIPLE REDUCTION RATING TABLE

Frame Size			G0703				G0803				H0903			
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	In. Lbs. Output Torque	Max NEMA Frame
56.0	3500	59	58.95	5.41	5450	250TC	60.33	10.7	10900	250TC	59.85	17.2	17600	320TC
	1750	29		3.11	6310			6.48	13400			10.5	21600	
	1160	19		2.35	7190			4.80	15000			7.49	23400	
	875	14		1.89	7680			3.62	15000			5.64	23400	
63.0	3500	54	62.83	5.14	5520	250TC	66.02	9.98	11200	250TC	66.49	15.9	18100	320TC
	1750	27		2.96	6400			6.08	13800			9.73	22300	
	1160	17		2.25	7340			4.39	15000			6.75	23400	
	875	13		1.77	7680			3.31	15000			5.08	23400	
71.0	3500	49	74.47	4.50	5720	250TC	74.69	9.14	11600	250TC	74.26	15.5	19600	320TC
	1750	24		2.65	6780			5.58	14300			9.45	24200	
	1160	16		1.99	7680			3.88	15000			6.54	25300	
	875	12		1.50	7680			2.92	15000			4.93	25300	
80.0	3500	42	79.51	4.27	5800	250TC	84.31	8.39	12000	250TC	82.51	14.4	20300	320TC
	1750	21		2.53	6920			5.12	14800			8.78	24900	
	1160	13		1.86	7680			3.44	15000			5.89	25300	
	875	10		1.40	7680			2.59	15000			4.44	25300	
100	3500	35	98.66	3.60	6070	250TC	102.2	7.33	12700	250TC	103.7	11.6	20700	320TC
	1750	17		2.20	7440			4.29	15000			6.54	23400	
	1160	11		1.50	7680			2.84	15000			4.33	23400	
	875	8		1.13	7680			2.14	15000			3.26	23400	
112	3500	30	116.3	3.16	6290	250TC	119.2	6.58	13300	250TC	116.5	11.3	22500	320TC
	1750	15		1.92	7680			3.68	15000			6.31	25300	
	1160	9		1.27	7680			2.44	15000			4.17	25300	
	875	7		.961	7680			1.84	15000			3.15	25300	
125	3500	27	127.4	2.96	6430	250TC	130.9	6.16	13700	250TC	128.7	10.5	23200	320TC
	1750	13		1.76	7680			3.35	15000			5.71	25300	
	1160	8		1.16	7680			2.22	15000			3.78	25300	
	875	6		.878	7680			1.67	15000			2.85	25300	
160	3500	22	156.1	2.58	6880	250TC	160.4	5.33	14600	250TC	160.3	8.01	21800	320TC
	1750	11		1.44	7680			2.73	15000			3.98	21900	
	1160	7		.952	7680			1.81	15000			2.63	21900	
	875	5		.731	7830			1.36	15000			1.98	21900	
180	3500	19	174.0	2.40	7140	250TC	175.2	5.01	15000	250TC	177.0	8.35	25300	320TC
	1750	9		1.29	7680			2.51	15000			4.16	25300	
	1160	6		.855	7680			1.66	15000			2.75	25300	
	875	4		.659	7860			1.25	15000			2.07	25300	
200	3500	17	195.2	2.23	7410	250TC	201.8	4.38	15000	250TC	199.0	7.44	25300	320TC
	1750	8		1.15	7680			2.18	15000			3.71	25300	
	1160	5		.773	77780			1.45	15000			2.45	25300	
	875	4		.589	7860			1.11	15300			1.85	25300	
225	3500	15	N/A			N/A	N/A			N/A	220.5	5.83	21900	320TC
	1750	8										2.90	21900	
	1160	5										1.92	21900	
	875	4										1.45	21900	
250	3500	14	N/A			N/A	N/A			N/A	248.0	5.19	21900	320TC
	1750	7										2.58	21900	
	1160	4										1.71	21900	
	875	3										1.29	21900	

TRIPLE REDUCTION RATING TABLE

Frame Size			H1003				H1303				H1403			
Nom. Ratio	Input RPM	Nom. Output RPM	Exact Ratio	Max. Input HP	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	In. Lbs. Output Torque	Max NEMA Frame	Exact Ratio	Max. Input HP	In. Lbs. Output Torque	Max NEMA Frame
56.0	3500	59	60.23	27.1	27800	320TC	56.93	44.7	43500	320TC	59.46	70.6	71600	320TC
	1750	29		16.1	33400			27.0	52900			44.0	89700	
	1160	19		10.7	33400			18.5	54900			31.4	96700	
	875	14		8.02	33400			14.0	54900			24.0	98200	
63.0	3500	54	66.93	25.4	29100	320TC	64.17	40.5	44500	320TC	65.55	66.6	74500	320TC
	1750	27		14.5	33400			24.0	52900			40.7	91500	
	1160	17		9.59	33400			16.4	54900			28.9	98200	
	875	13		7.22	33400			12.4	54900			21.8	98200	
71.0	3500	49	71.17	25.1	30400	320TC	71.32	41.6	50600	320TC	78.7	70.6	94600	320TC
	1750	24		15.3	37500			23.0	56200			36.2	97300	
	1160	16		10.6	39100			15.2	56200			23.9	97300	
	875	12		7.95	39100			11.5	56200			18.1	97300	
80.0	3500	42	79.08	23.3	31400	320TC	80.39	37.8	51700	320TC	86.76	65.9	97300	320TC
	1750	21		14.2	38700			20.4	56200			32.8	97300	
	1160	13		9.5	39100			13.5	56200			21.7	97300	
	875	10		7.16	39100			10.2	56200			16.4	97300	
100	3500	35	110.0	17.7	32400	320TC	101.1	30.0	51700	320TC	102.2	50.5	88100	320TC
	1750	17		8.83	33400			15.9	54900			28.1	98200	
	1160	11		5.84	33400			10.5	54900			18.6	98200	
	875	8		4.40	33400			7.92	54900			14.0	98200	
112	3500	30	112.8	18.1	35000	320TC	113.7	28.6	55200	320TC	124.9	45.9	97300	320TC
	1750	15		10.1	39100			14.5	56200			22.9	97300	
	1160	9		6.67	39100			9.59	56200			15.1	97300	
	875	7		5.02	39100			7.23	56200			11.4	97300	
125	3500	27	129.9	16.4	36500	320TC	126.6	26.1	56200	320TC	135.3	42.3	97300	320TC
	1750	13		8.75	39100			13.0	56200			21.1	97300	
	1160	8		5.79	39100			8.62	56200			14.0	97300	
	875	6		4.36	39100			6.50	56200			10.5	97300	
160	3500	22	156.6	13.8	36800	320TC	154.9	21.8	57200	320TC	154.6	34.2	89500	320TC
	1750	11		6.88	36900			10.9	57200			17.0	89500	
	1160	7		4.55	36900			7.2	57200			11.3	89500	
	875	5		3.43	36900			5.42	57200			8.50	89500	
180	3500	19	175.7	13.0	39100	320TC	173.4	19.0	56200	320TC	185.6	30.8	89500	320TC
	1750	9		6.48	39100			9.49	56200			15.4	89500	
	1160	6		4.29	39100			6.28	56200			10.2	89500	
	875	4		3.23	39100			4.74	56200			7.67	89500	
200	3500	17	188.8	12.1	39100	320TC	184.5	17.9	56200	320TC	208.2	27.5	97300	320TC
	1750	8		6.04	39100			8.91	56200			13.7	97300	
	1160	5		4.00	39100			5.90	56200			9.09	97300	
	875	4		3.02	39100			4.45	56200			6.85	97300	
225	3500	15	211.8	10.2	36900	320TC	212.1	15.9	57200	320TC	212.0	24.9	89500	320TC
	1750	8		5.09	36900			7.92	57200			12.4	89500	
	1160	5		3.37	36900			5.24	57200			8.22	89500	
	875	4		2.59	37600			3.95	57200			6.19	89500	
250	3500	14	227.5	9.53	36900	320TC	225.6	14.9	57200	320TC	237.8	22.2	89500	320TC
	1750	7		4.75	36900			7.44	57200			11.1	89500	
	1160	4		3.14	36900			4.92	57200			7.34	89500	
	875	3		2.43	37800			3.71	57200			5.53	89500	

SELECTION and PRICING – REDUCER ONLY

C-Face Input Style
DOUBLE Reduction – Foot Mounted

Basis Model Number	Motor Mounting							
	56C	143/145TC	182/184TC	213/215TC	254/256TC	284/286TC	324/326TC	364/365TC
R0402AC	\$ 976	\$ 976	\$ 976					
R0602AC	\$1,246	\$1,246	\$1,366	\$1,394				
R0702AC	\$1,968	\$1,968	\$1,968	\$2,612	\$2,996			
G0802AC	\$2,920	\$2,920	\$2,920	\$2,920	\$3,160			
H0902AC			\$4,796	\$4,796	\$5,900	\$6,906	\$7,640	
H1002AC			\$7,916	\$8,260	\$8,260	\$8,310	\$10,036	
H1302AC			\$12,104	\$12,340	\$12,656	\$12,656	\$14,380	\$14,696
H1402AC			\$15,620	\$15,850	\$16,320	\$16,320	\$18,210	\$18,210

Stainless Steel
DOUBLE Reduction – Foot Mounted

Basis Model Number	Motor Mounting							
	56C	143/145TC	182/184TC	213/215TC	254/256TC	284/286TC	324/326TC	364/365TC
SSR0402AC	\$ 2482	\$ 2482	\$ 2684					
SSR0602AC	\$ 3008	\$ 3008	\$ 3210	\$ 3210				

C-Face Input Style
TRIPLE Reduction – Foot Mounted

Basis Model Number	Motor Mounting							
	56C	143/145TC	182/184TC	213/215TC	254/256TC	284/286TC	324/326TC	364/365TC
G0703AC	\$2,348	\$2,348	\$2,450					
G0803AC	\$3,192	\$3,192	\$3,318	\$3,318				
H0903AC	\$5,316	\$5,316	\$5,316					
H1003AC			\$8,624	\$8,970	\$8,970	\$9,020		
H1303AC			\$13,220	\$13,452	\$13,768	\$13,768	\$15,492	\$15,808
H1403AC			\$16,884	\$17,120	\$17,596	\$17,596	\$19,316	\$19,476

Solid Input Shaft Style

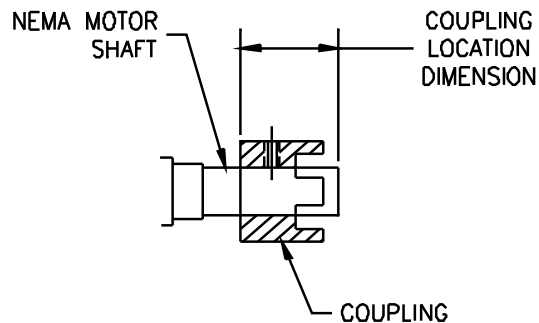
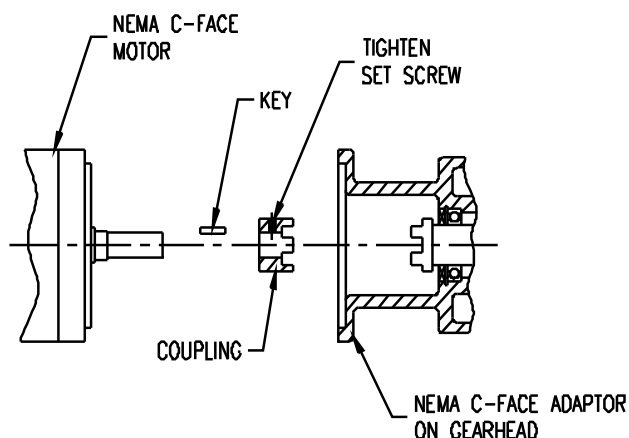
Double Reduction		Triple Reduction	
Basic Model Number	List Price	Basic Model Number	List Price
R0402AR	\$ 966		
R0602AR	\$1,234		
R0702AR	\$1,952	G0703AR	\$2,560
G0802AR	\$2,858	G0802AR	\$3,150
H0902AR	\$5,060	H0903AR	\$5,628
H1002AR	\$7,976	H1003AR	\$8,676
H1302AR	\$12,144	H1303AR	\$13,256
H1402AR	\$16,252	H1403AR	\$17,520

Approximate Weight in Pounds - REDUCER ONLY

Unit	Mounting	Shaft-in Reducer	C-Face Input Reducer								
			56C	140TC	180TC	210TC	250TC	280TC	320TC	360TC	400TC
R0402	FOOTED	26	27	27	29						
R0602	FOOTED	49	48	48	56	56					
R0702	FOOTED	84	75	75	77	77	83				
G0703	FOOTED	86	88	88	94	94					
G0802	FOOTED	157	155	155	161	161	161				
G0803	FOOTED	172	155	155	161	161					
H0902	FOOTED	252			248	248	264	269	273		
H0903	FOOTED	272	280	280	280	280	280				
H1002	FOOTED	375			352	352	371	376	380		
H1003	FOOTED	395			394	394	410	415	419		
H1302	FOOTED	547			510	510	515	515	521	661	675
H1303	FOOTED	596			581	581	586	586	592	732	746
H1402	FOOTED	794				746	746	751	756	889	896
H1403	FOOTED	893			833	833	838	838	844	984	998

R-Series reducers are supplied, as standard, with a half coupling loose in the carton for customer installation. The following information is provided for proper location of the half coupling on the customer supplied motor.

NEMA Adapter Coupling Location



NEMA Frame Size	*Coupling location Dimension (in)		
	R0402	R0602	R0702
56C	1.79	1.90	
143TC / 145TC	1.85	1.97	1.79
182TC / 184TC	2.31	2.03	2.29
213TC / 215TC		N/A**	2.79
254TC / 256TC			N/A**

*Coupling location dimension tolerance is -0.0/+0.031

**Quill Style Input, only special key required

OVERHUNG LOADS & AXIAL THRUSTS

MAXIMUM PERMISSIBLE OVERHUNG LOADS

When a sprocket, gear etc. is mounted on the shaft a calculation, as below, must be made to determine the overhung load on the shaft, and the results compared to the maximum permissible overhung loads tabulated. Overhung loads can be reduced by increasing the diameter of the sprocket, gear, etc. If the maximum permissible overhung load is exceeded, the sprocket, gear, etc. should be mounted on a separate shaft, flexible coupled and supported in its own bearing, or the gear unit shaft should be extended to run in an outboard bearing. Alternatively, a large gear is often a less expensive solution.

Permissible overhung loads vary according to the direction of rotation. The values tabulated are for the most unfavorable direction with the unit transmitting full rated power and the load P applied at the center of the shaft keyway. Hence they can sometimes be increased for a more favorable direction of rotation, or if the power transmitted is less than the rated capacity of the gear unit, or if the load is applied nearer to the gear unit case. Refer to Sterling Electric for further details. In any event, the sprocket, gear etc. should be positioned as close as possible to the gear unit case in order to reduce bearing loads and shaft stresses, and to prolong life.

All units will accept 100% momentary overload on stated capacities.

OVERHUNG LOAD (lbs)

$$P = \frac{HP \times 126,000 \times K}{N \times D}$$

where:

P = equivalent overhung load (lb)
 HP = power transmitted by the shaft (HP)
 N = speed of shaft (rpm)
 D = pitch diameter of sprocket, etc. (in)
 K = factor

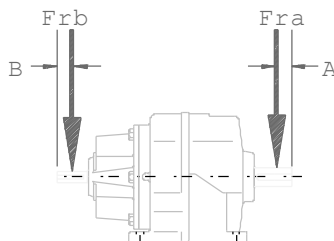
OVERHUNG MEMBER

Chain sprocket* 1.00
 Spur or helical pinion 1.25
 Vee belt sheave 1.50
 Flat belt pulley 2.00

K (factor)

* If multistrand chain drives are equally loaded and the outerstrand is further than dimension Fra output or Frb input, refer to Sterling Electric.

Note: 1 lb = 2.2047kg = 4.4484 Newtons



DISTANCE MIDWAY ALONG THE SHAFT EXTENTION

Unit Size	No. of Reductions	Dimension A (in.)	Dimension B (in.)
R04	2	0.985	0.785
R06	2	1.378	0.785
R07	2	1.575	0.985
G07	3	1.575	0.785
G08	1	1.575	1.180
G08	2	1.969	1.180

Unit Size	No. of Reductions	Dimension A (in.)	Dimension B (in.)
G08	3	1.969	0.985
H09	2	2.360	1.570
H09	3	2.360	1.180
H10	2-3	2.755	2.165
H13	2-3	3.345	2.165
H14	2-3	4.135	2.165

OVERHUNG LOADS (LBS)

REDUCER OVERHUNG LOADS (Fra) CAPACITIES ON OUTPUT SHAFT

Output	R0402	R0602	R0702 /G0703
RPM	OHL (Fra)	OHL (Fra)	OHL (Fra)
886	568	621	
806	569	601	
699	570	585	
604	576	559	
546	581	537	
493	562	561	1390
443	567	502	
396	529	396	
353	535	266	1060
333	573	582	
312	529	209	925
288	521	187	797
249	505	114	605
225	498	167	556
203	487	244	482
183	482	419	456
163	496	387	463
146	494	472	456
127	525	522	539
105	542	659	613
88	573	714	712
84	680	903	837
71	680	1060	964
64	680	1080	1080
52	768	1230	1130
41	741	1410	1670
36	703	1620	2060
32	N/A	N/A	1050

REDUCER OVERHUNG LOADS (Fra) CAPACITIES ON OUTPUT SHAFT

Output	G0802/G0803	H0902 / H0903	H1002 / H1003	H1302 / H1303	H1402 / H1403
RPM	OHL (Fra)	OHL (Fra)	OHL (Fra)	OHL (Fra)	OHL (Fra)
1000		2570	3460	6295	7870
630		3050	3920	6360	7980
500	2670	3430	4100	6450	8095
400		2850	3960	6565	8320
320	2510	2430	3530	6630	8430
250	2120	2550	3060	6745	8545
200	1560	2110	2980	6970	8770
160	1390	2500	2630	7305	8990
125	1360	1990	2740	7870	9220
100	1350	2700	2990	8545	9670
80	1440	2110	2580	9440	10340
63	1830	3310	4290	10115	11690
50	2040	2960	4510	11465	13490
40	2470	4570	6370	12590	15735
32	3230	6410	7810	13490	17760
25 & under	3250	5610	9190	14390	17760

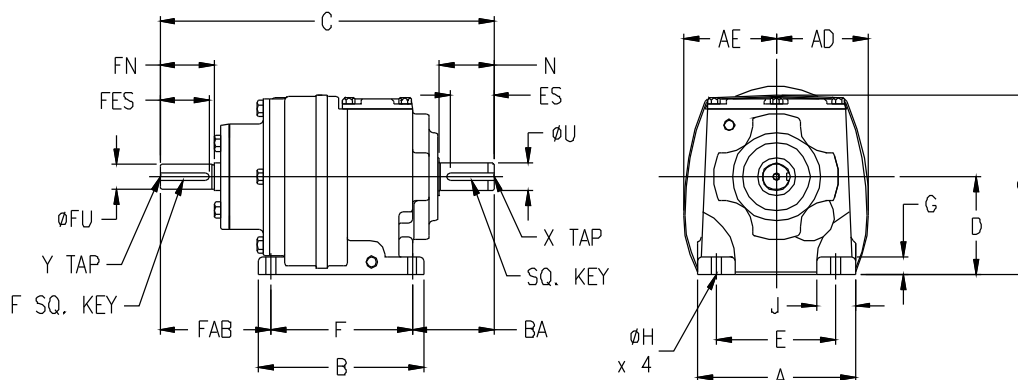
REDUCER OVERHUNG LOADS (Frb) ON INPUT SHAFT AT 1750 RPM

Ratio	Double/Triple Reduction							
	Unit Size							
	R0402	R0602	R0702	G0802	H0902	H1002	H1302	H1402
2 – 54:1	325	230	345	315	315	535	1365	1490
	G0703	G0803	H0903	H1003	H1303	H1403		
56 – 250:1			380	470	785	880	2500	2500

Engineering Data

APPLICATION FORMULAS

TO OBTAIN	HAVING	FORMULA
Velocity (V) Feet Per Minute	Pitch Diameter (D) of Gear or Sprocket – Inches and Revolutions Per Minute (RPM)	$V = .2618 \times D \times \text{RPM}$
Revolutions Per Minute (RPM)	Velocity (V) Feet Per Minute and Pitch Diameter (D) Of Gear or Sprocket – Inches	$\text{RPM} = \frac{V}{.2618 \times D}$
Pitch Diameter (D) of Gear or Sprocket	Velocity (V) Feet Per Minute and Revolutions Per Minute (RPM)	$D = \frac{V}{.2618 \times \text{RPM}}$
Torque (T) Inch Lbs.	Force (W) Lbs. and Radius (R) Inches	$T = W \times R$
Horsepower (HP)	Force (W) Lbs. and Velocity (V) Feet Per Minute	$\text{HP} = \frac{W \times V}{33,000}$
Horsepower (HP)	Torque (T) In. Lbs. and Revolutions per Minute (RPM)	$\text{HP} = \frac{T \times \text{RPM}}{63,025}$
Torque (T)	Horsepower (HP) and Revolutions per Minute (RPM)	$T = \frac{63,025 \times \text{HP}}{\text{RPM}}$
Force (W) Lbs.	Horsepower (HP) and Velocity (V) Feet Per Minute	$W = \frac{33,000 \times \text{HP}}{V}$
Revolutions per Minute (RPM)	Horsepower (HP) and Torque (T) In. Lbs	$\text{RPM} = \frac{63,025 \times \text{HP}}{T}$

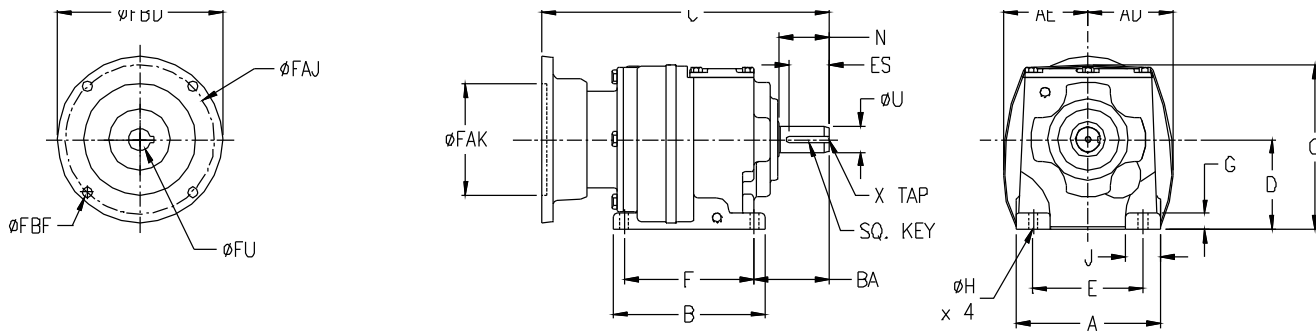
STYLE AR - DOUBLE REDUCTION
**FOOT MOUNTED
SHAFT INPUT REDUCERS**

COMMON DIMENSIONS

Unit	A	B	C	D	E	F	G	H	J	N	O	U
R0402A	5.710	5.980	12.48	3.540	4.330	5.120	0.63	0.39	1.38	1.97	7.09	1.000
R0602A	7.480	7.880	14.53	4.530	5.310	6.500	0.79	0.59	2.17	2.76	8.19	1.375
R0702A	9.060	9.650	17.32	5.510	6.690	8.070	0.98	0.75	2.36	3.15	11.61	1.625
G0802A	11.42	12.20	21.85	7.090	8.460	10.24	1.38	0.75	2.95	3.94	14.17	2.125
H0902A	13.39	14.37	25.98	8.860	9.840	12.20	1.57	0.91	3.54	4.72	17.05	2.375
H1002A	15.75	17.32	30.79	9.840	11.42	14.57	1.77	1.06	4.33	5.51	19.88	2.875
H1302A	17.72	19.29	35.71	10.43	13.39	16.14	1.97	1.34	4.33	6.69	22.17	3.625
H1402A	20.88	23.23	40.24	11.81	14.96	19.69	1.97	1.61	5.91	8.27	24.80	4.000

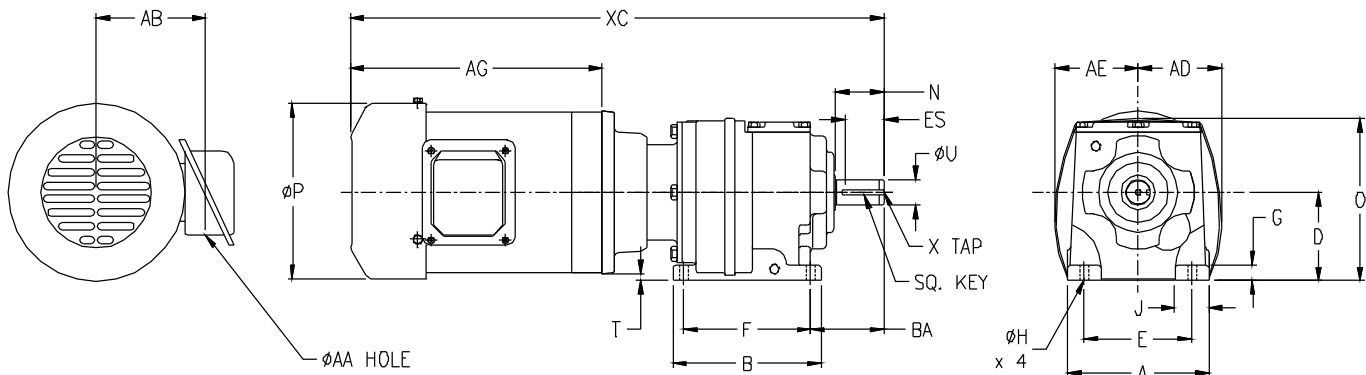
Unit	Sq. Key	AD	AE	BA	ES	FN	FU	Sq. F-Key	FBA	FES
R0402A	.25	3.380	3.310	2.950	1.28	1.57	.6250	.19	4.410	1.28
R0602A	.31	4.210	3.820	3.940	2.38	1.57	.7500	.19	4.490	1.28
R0702A	.38	5.230	4.690	4.530	2.38	1.97	.8750	.19	4.720	1.28
G0802A	.50	6.030	6.570	5.510	2.75	2.36	1.125	.25	6.100	2.00
H0902A	.62	6.780	7.870	6.300	3.69	3.15	1.375	.31	7.480	2.40
H1002A	.75	7.990	8.860	7.280	4.62	4.33	1.625	.38	8.940	3.69
H1302A	.88	8.970	9.530	8.660	5.94	4.33	2.125	.50	10.91	3.81
H1402A	1.0	10.56	10.94	10.24	7.50	4.33	2.125	.50	10.31	3.81

Unit	X-Tap	Y-Tap
R0402A	1/4-unF	1/4-unF
R0602A	3/8-unF	1/4-unF
R0702A	5/8-unF	5/16-unF
G0802A	3/4-unF	3/8-unF
H0902A	3/4-unF	1/2-unF
H1002A	3/4-unF	5/8-unF
H1302A	1-unF	3/4-unF
H1402A	1-unF	3/4-unF

STYLE AC – Smooth Body Motor DOUBLE REDUCTION

FOOT MOUNTED
C-FACE INPUT REDUCER

GEARMOTOR



COMMON DIMENSIONS

Unit	A	B	D	E	F	G	H	J	N	O	U	Sq. Key
R0402AC	5.710	5.980	3.540	4.330	5.120	0.63	0.39	1.38	1.97	6.500	1.000	.25
R0602AC	7.480	7.875	4.530	5.320	6.500	0.79	0.59	2.17	2.76	8.210	1.375	.31
R0702AC	9.060	9.650	5.510	6.690	8.070	0.98	0.75	2.36	3.15	11.61	1.625	.38
G0802AC	11.42	12.20	7.090	8.460	10.24	1.38	0.75	2.95	3.94	14.17	2.125	.50
H0902AC	13.39	14.37	8.860	9.840	12.20	1.57	0.91	3.54	4.72	17.05	2.375	.62
H1002AC	15.75	17.32	9.840	11.42	14.57	1.77	1.06	4.33	5.51	19.88	2.875	.75

Unit	AD	AE	BA	ES	X-Tap
R0402AC	3.350	3.350	2.950	1.28	1/4-unF
R0602AC	4.270	3.890	3.940	2.38	3/8-unF
R0702AC	5.230	4.690	4.530	2.38	5/8-unF
G0802AC	6.030	6.570	5.510	2.75	3/4-unF
H0902AC	6.780	7.870	6.300	3.69	3/4-unF
H1002AC	7.990	8.860	7.280	4.62	3/4-unF

STYLE AC – Smooth Body Motor DOUBLE REDUCTION

This Drawing Applies to all:

Standard Efficient TEFC Gearmotors, Fractional Horsepower through 10HP,
 Sterli-Seal® Standard Efficient Washdown Duty Fractional Horsepower through 10HP
 Sterli-Seal® SSR2000 Series Stainless Steel Gearmotors Fractional through 10HP
 Inverter Duty (10:1 Constant Torque) Fractional Horsepower
 Inverter Duty (10:1 Constant Torque) Sterli-Seal® Washdown Duty Fractional Horsepower

REDUCER ONLY

Unit Size	C Dimension							
	Motor Frame							
	56C	143TC	182TC	213TC	254TC	284TC	324TC	364TC
	145TC	184TC	215TC	256TC	286TC	326TC	365TC	
R0402AC	11.34	11.34	11.44					
R0602AC	13.60	13.60	14.03	14.03				
R0702AC	14.29	14.29	15.09	15.09	15.10			
G0802AC	17.69	17.69	17.69	17.69	17.69			
H0902AC			20.83	20.83	22.20	22.94	22.95	
H1002AC			23.98	23.98	25.16	25.28	25.91	

GEARMOTOR

Unit Size	XC Dimension									
	Horsepower Motor									
	.33HP	.50HP	.75HP	1HP	1.5HP	2HP	3HP	5HP	7.5HP	10HP
R0402AC	20.63	21.85	22.25	23.35	23.35	23.74	24.43	25.02	N/A	N/A
R0602AC	22.89	24.11	24.51	25.61	25.61	26.00	27.02	27.61	28.91	30.12
R0702AC	23.58	24.80	25.20	26.30	26.30	26.69	28.08	28.67	29.97	31.18
G0802AC	26.98	28.20	28.60	29.70	29.70	30.09	30.68	31.27	32.57	33.78
H0902AC							33.82	34.41	35.71	36.92
H1002AC							36.97	37.56	38.86	40.07

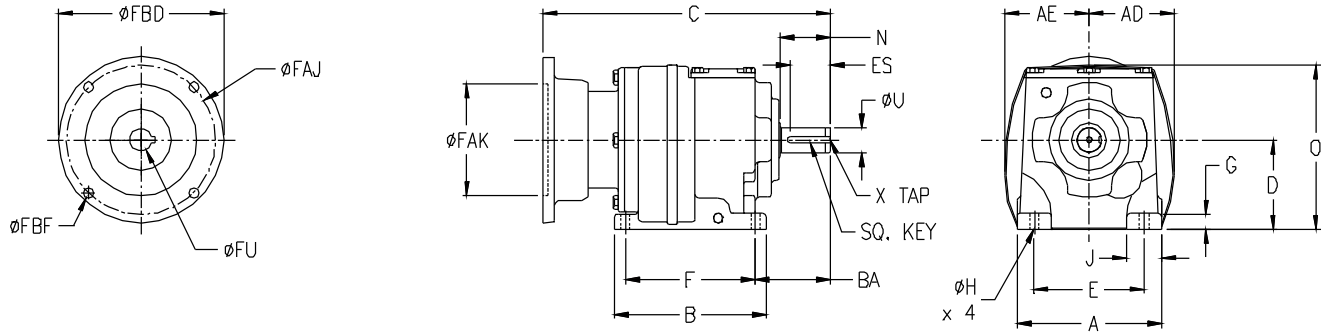
Unit Size	T* Dimension									
	Horsepower Motor									
	.33HP	.50HP	.75HP	1HP	1.5HP	2HP	3HP	5HP	7.5HP	10HP
R0402AC	0.28	0.28	0.28	0.09	0.09	0.09	-0.96	-0.96	N/A	N/A
R0602AC	1.30	1.30	1.30	1.05	1.05	1.05	0.03	0.03	-0.55	-0.55
R0702AC	2.26	2.26	2.26	1.95	1.95	1.95	1.26	1.26	-0.39	-0.39
G0802AC	3.84	3.84	3.84	3.53	3.53	3.53	2.84	2.84	1.19	1.19
H0902AC							4.61	4.61	2.96	2.96
H1002AC							5.59	5.59	3.94	3.94

*Negative T dimension indicates motor hangs below reducer mounting base.

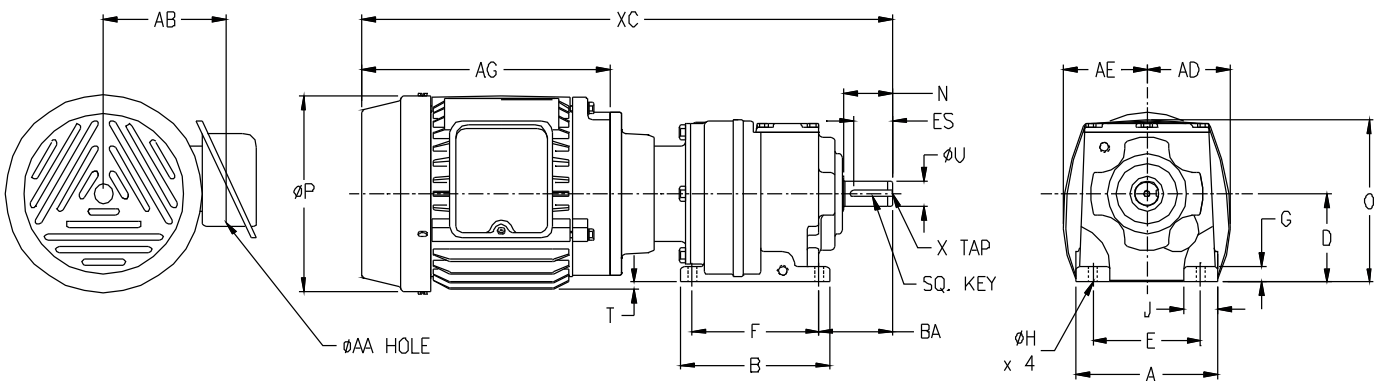
MOTOR ONLY

Motor Frame	HP Motor	FU	Kwy	P	AA	AB	AG	FAK	FAJ	FBD	FBF
56C	.33	0.625	.19	6.500	1.1	5.53	9.29	4.500	5.88	6.50	0.41
56C	.50	0.625	.19	6.500	1.1	5.53	10.51	4.500	5.88	6.50	0.41
56C	.75	0.625	.19	6.500	1.1	5.53	10.91	4.500	5.88	6.50	0.41
56C	1	0.625	.19	7.130	1.1	5.53	12.01	4.500	5.88	6.50	0.41
56C	1.5	0.625	.19	7.130	1.1	5.53	12.01	4.500	5.88	6.50	0.41
56C	2	0.625	.19	7.130	1.1	5.53	12.40	4.500	5.88	6.50	0.41
143TC	1	0.875	.19	7.130	1.1	5.53	12.01	4.500	5.88	6.50	0.41
145TC	1.5	0.875	.19	7.130	1.1	5.53	12.01	4.500	5.88	6.50	0.41
145TC	2	0.875	.19	7.130	1.1	5.53	12.40	4.500	5.88	6.50	0.41
182TC	3	1.125	.25	8.500	1.1	6.46	12.99	8.500	7.25	9.00	0.53
184TC	5	1.125	.25	8.500	1.1	6.46	13.58	8.500	7.25	9.00	0.53
213TC	7.5	1.375	.31	11.80	1.38	7.64	14.88	8.500	7.25	9.00	0.53
215TC	10	1.375	.31	11.80	1.38	7.64	16.09	8.500	7.25	9.00	0.53

STYLE AC – Cast Iron Ribbed Body Motor DOUBLE REDUCTION

FOOT MOUNTED
C-FACE INPUT REDUCER

GEARMOTOR



COMMON DIMENSIONS

Unit	A	B	D	E	F	G	H	J	N	O	U	Sq. Key
R0402AC	5.710	5.980	3.540	4.330	5.120	0.63	0.39	1.38	1.97	7.090	1.000	.25
R0602AC	7.480	7.880	4.530	5.310	6.500	0.79	0.59	2.17	2.76	8.190	1.375	.31
R0702AC	9.060	9.650	5.510	6.690	8.070	0.98	0.75	2.36	3.15	11.61	1.625	.38
G0802AC	11.42	12.20	7.090	8.460	10.24	1.38	0.75	2.95	3.94	14.17	2.125	.50
H0902AC	13.39	14.37	8.860	9.840	12.20	1.57	0.91	3.54	4.72	17.05	2.375	.62
H1002AC	15.75	17.32	9.840	11.42	14.57	1.77	1.06	4.33	5.51	19.88	2.875	.75
H1302AC	17.72	19.29	10.43	13.39	16.14	1.97	1.34	4.33	6.69	22.17	3.625	.88
H1402AC	20.88	23.23	11.81	14.96	19.69	1.97	1.61	5.91	8.27	24.80	4.000	1.0

Unit	AD	AE	BA	ES	X-Tap
R0402AC	3.380	3.310	2.950	1.28	1/4-unF
R0602AC	4.210	3.820	3.940	2.38	3/8-unF
R0702AC	5.230	4.690	4.530	2.38	5/8-unF
G0802AC	6.030	6.570	5.510	2.75	3/4-unF
H0902AC	6.780	7.870	6.300	3.69	3/4-unF
H1002AC	7.990	8.860	7.280	4.62	3/4-unF
H1302AC	8.970	9.530	8.660	5.94	1-unF
H1402AC	10.56	10.94	10.24	7.50	1-unF

STYLE AC – Cast Iron Ribbed Body Motor DOUBLE REDUCTION

This Drawing Applies to all:

Premium Efficient TEFC Gearmotors, 1 Horsepower through 75HP,
Sterli-Seal® Premium Efficient Washdown Duty, 1 Horsepower through 75HP
Inverter Duty (10:1 Constant Torque) TEFC Gearmotors, 1 Horsepower through 75HP
Inverter Duty (10:1 Constant Torque) Sterli-Seal® Washdown Duty, 1 Horsepower through 75HP

REDUCER ONLY

Unit Size	C Dimension						
	Motor Frame						
	143TC 145TC	182TC 184TC	213TC 215TC	254TC 256TC	284TC 286TC	324TC 326TC	364TC 365TC
R0402AC	9.920	10.35					
R0602AC	11.38	13.00	13.00				
R0702AC	14.29	15.09	15.09	15.10			
G0802AC	17.69	17.69	17.69				
H0902AC		20.83	20.83	22.20	22.94	22.95	
H1002AC		23.98	23.98	25.16	25.28	25.91	
H1302AC		28.46	28.46	28.46	28.58	29.21	35.91
H1402AC			33.00	33.00	33.12	33.75	40.44

GEARMOTOR

Unit Size	XC Dimension											
	Motor Frame											
	143TC	145TC	182TC	184TC	213TC	215TC	254TC	256TC	284TC	286TC	324TC	326TC
R0402AC	19.60	20.59	21.60	22.65								
R0602AC	21.06	22.06	24.25	25.31	27.81	29.34						
R0702AC	23.97	24.96	26.34	27.39	29.89	31.43	34.03	35.78				
G0802AC	27.37	28.37	28.94	30.00	32.50	34.03	36.62	38.38				
H0902AC			32.08	33.12	35.62	37.17	41.12	42.88	45.62	47.12	46.53	48.02
H1002AC			35.23	36.28	38.78	40.32	44.09	45.84	47.96	49.46	49.49	50.98
H1302AC			39.71	40.75	43.25	44.80	47.38	49.14	51.26	52.76	52.79	54.28
H1402AC					47.80	49.34	51.93	53.68	55.80	57.30	57.33	58.82

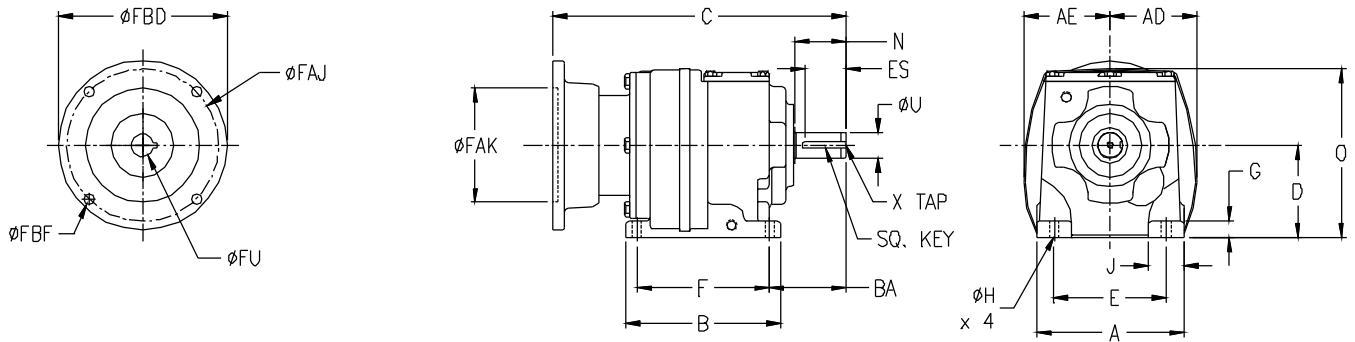
Unit Size	XC Dimension		T* Dimension							
			Motor Frame							
	364TC	365TC	143TC 145TC	182TC 184TC	213TC 215TC	254TC 256TC	284TC 286TC	324TC 326TC	364TC 365TC	
R0402AC			-0.40	-0.88						
R0602AC			0.59	0.12	-1.09					
R0702AC			1.56	1.09	-0.12	-0.75				
G0802AC			3.15	2.67	1.46	0.83				
H0902AC				4.43	3.23	2.60	1.08	.98		
H1002AC				5.41	4.21	3.58	2.06	1.96		
H1302AC	62.59	67.12		6.00	4.86	4.17	2.65	2.55	2.55	
H1402AC	63.59	68.12			6.18	5.55	4.03	3.93	3.93	

*Negative T dimension indicates motor hangs below reducer mounting base.

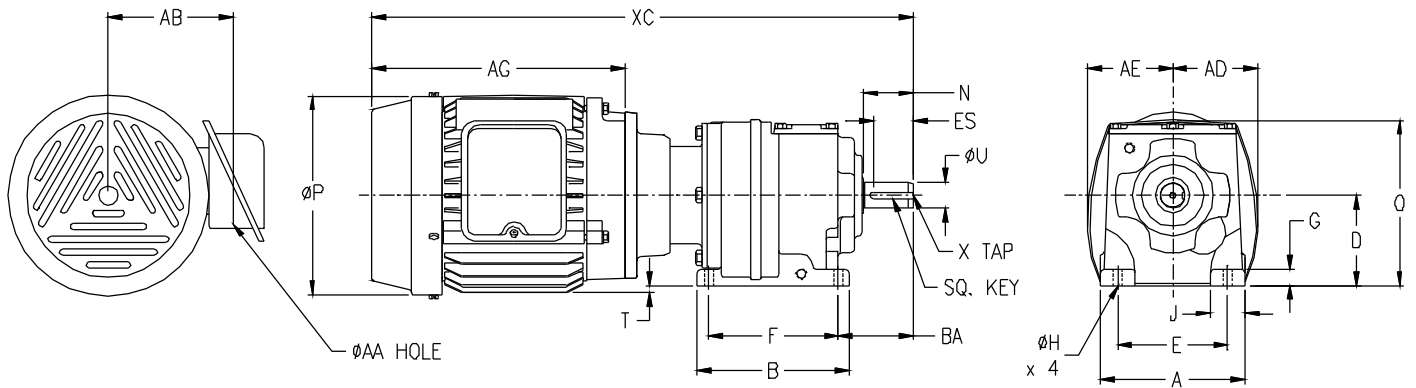
MOTOR ONLY

Motor Frame	FU	Kwy	P	AA	AB	AG	FAK	FAJ	FBD	FBF
143TC	0.875	.19	7.880	0.86	6.100	9.680	4.50	5.88	6.500	.41
145TC	0.875	.19	7.880	0.86	6.100	10.67	4.50	5.88	6.500	.41
182TC	1.125	.25	8.850	0.90	6.690	11.25	8.50	7.25	9.000	.53
184TC	1.125	.25	8.850	0.90	6.690	12.31	8.50	7.25	9.000	.53
213TC	1.375	.31	11.25	1.10	7.950	14.80	8.50	7.25	9.000	.53
215TC	1.375	.31	11.25	1.10	7.950	16.34	8.50	7.25	9.000	.53
254TC	1.625	.38	12.52	2.05	11.61	18.93	8.50	7.25	10.00	.53
256TC	1.625	.38	12.52	2.05	11.61	20.68	8.50	7.25	10.00	.53
284TC	1.875	.50	15.55	2.36	13.00	22.68	10.5	9.00	11.25	.53
286TC	1.875	.50	15.55	2.36	13.00	24.18	10.5	9.00	11.25	.53
324TC	2.125	.50	15.75	2.36	13.53	23.58	12.5	11.0	14.00	.66
326TC	2.125	.50	15.75	2.36	13.53	25.07	12.5	11.0	14.00	.66
364TC	2.375	.63	17.70	2.36	14.40	26.68	12.5	11.0	14.00	.66
365TC	2.375	.63	17.70	2.36	14.40	27.68	12.5	11.0	14.00	.66

STYLE AC - TRIPLE REDUCTION

FOOT MOUNTED
C-FACE INPUT REDUCER

GEARMOTOR



COMMON DIMENSIONS

Unit	A	B	D	E	F	G	H	J	N	O	U	Sq. Key
G0703AC	9.060	9.650	5.510	6.690	8.070	0.98	0.75	2.36	3.15	11.61	1.625	.38
G0803AC	11.42	12.20	7.090	8.460	10.24	1.38	0.75	2.95	3.94	14.17	2.125	.50
H0903AC	13.39	14.37	8.860	9.840	12.20	1.57	0.91	3.54	4.72	17.05	2.375	.62
H1003AC	15.75	17.32	9.840	11.42	14.57	1.77	1.06	4.33	5.51	19.88	2.875	.75
H1303AC	17.72	19.29	10.43	13.39	16.14	1.97	1.34	4.33	6.69	22.17	3.625	.88
H1403AC	20.87	23.23	11.81	14.96	19.69	1.97	1.61	5.91	8.27	24.80	4.000	1.0

Unit	AD	AE	BA	ES	FD	X-Tap
G0703AC	5.120	4.690	4.530	2.38	7.880	5/8-unF
G0803AC	6.030	6.570	5.510	2.75	7.090	3/4-unF
H0903AC	6.780	7.870	6.300	3.69	8.860	3/4-unF
H1003AC	7.990	8.860	7.280	4.62	9.840	3/4-unF
H1303AC	8.970	9.530	8.660	5.94	10.43	1-unF
H1403AC	10.56	10.94	10.24	7.50	11.81	1-unF

STYLE AC - TRIPLE REDUCTION

REDUCER ONLY

Unit Size	C Dimension							
	Motor Frame							
	56C	143TC 145TC	182TC 184TC	213TC 215TC	254TC 256TC	284TC 286TC	324TC 326TC	364TC 365TC
G0703AC	17.41	17.41	19.03					
G0803AC	18.23	18.23	19.02					
H0903AC	21.89	21.89	21.89					
H1003AC			25.71	25.71	27.09	27.20	27.83	
H1303AC			30.91	30.91	30.91	31.02	31.65	
H1403AC			35.83	35.83	35.83	35.94	36.57	

GEARMOTOR

Unit Size	XC Dimension												
	Motor Frame												
	56C	143TC	145TC	182TC	184TC	213TC	215TC	254TC	256TC	284TC	286TC	324TC	326TC
G0703AC	27.22	27.09	28.08	30.28	31.34								
G0803AC	28.04	27.41	28.90	30.27	31.33								
H0903AC	31.70	31.57	32.56	33.14	34.20								
H1003AC				36.96	38.02	40.51	42.05	46.02	47.77	49.88	51.38	51.41	52.90
H1303AC				42.16	43.22	45.71	47.25	49.84	51.59	53.70	55.20	55.23	56.72
H1403AC				47.08	48.14	50.63	52.17	54.76	56.51	58.62	60.12	60.15	61.64

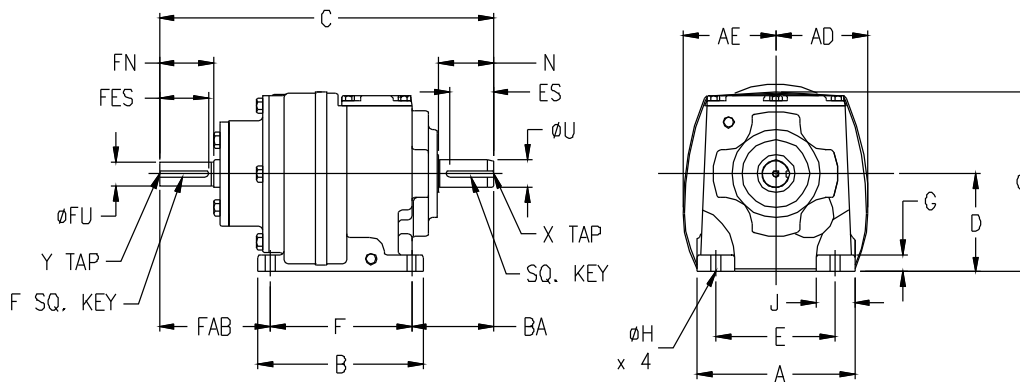
Unit Size	XC Dimension		T* Dimension							
			Motor Frame							
	364TC	365TC	56C	143TC 145TC	182TC 184TC	213TC 215TC	254TC 256TC	284TC 286TC	324TC 326TC	364TC 365TC
G0703AC			4.23	3.94	3.46					
G0803AC			3.43	3.15	2.66					
H0903AC			5.20	4.92	4.43					
H1003AC					5.41	4.21	3.58	2.06	1.96	
H1303AC					6.00	4.80	4.17	2.65	2.55	
H1403AC					7.38	6.18	5.55	4.03	3.93	

*Negative T dimension indicates motor hangs below reducer mounting base.

MOTOR ONLY

Motor Frame	FU	Kwy	P	AA	AB	AG	FAK	FAJ	FBD	FBF
56C	0.625	.19	7.310	1.12	5.060	9.810	4.50	5.88	6.500	.41
143TC	0.875	.19	7.880	0.86	6.100	9.680	4.50	5.88	6.500	.41
145TC	0.875	.19	7.880	0.86	6.100	10.67	4.50	5.88	6.500	.41
182TC	1.125	.25	8.850	0.90	6.690	11.25	8.50	7.25	9.000	.53
184TC	1.125	.25	8.850	0.90	6.690	12.31	8.50	7.25	9.000	.53
213TC	1.375	.31	11.25	1.10	7.950	14.80	8.50	7.25	9.000	.53
215TC	1.375	.31	11.25	1.10	7.950	16.34	8.50	7.25	9.000	.53
254TC	1.625	.38	12.52	2.05	11.61	18.93	8.50	7.25	10.00	.53
256TC	1.625	.38	12.52	2.05	11.61	20.68	8.50	7.25	10.00	.53
284TC	1.875	.50	15.55	2.36	13.00	22.68	10.5	9.00	11.25	.53
286TC	1.875	.50	15.55	2.36	13.00	24.18	10.5	9.00	11.25	.53
324TC	2.125	.50	15.75	2.36	13.53	23.58	12.5	11.0	14.00	.66
326TC	2.125	.50	15.75	2.36	13.53	25.07	12.5	11.0	14.00	.66
364TC	2.375	.63	17.70	2.36	14.40	26.68	12.5	11.0	14.00	.66
365TC	2.375	.63	17.70	2.36	14.40	27.68	12.5	11.0	14.00	.66

STYLE AR - TRIPLE REDUCTION

FOOT MOUNTED
SHAFT INPUT REDUCER

COMMON DIMENSIONS

Unit	A	B	C	D	E	F	G	H	J	N	O	U
G0703A	9.060	9.650	17.32	5.510	6.690	8.070	0.98	0.75	2.36	3.15	11.61	1.625
G0803A	11.42	12.20	21.85	7.090	8.460	10.24	1.38	0.75	2.95	3.94	14.17	2.125
H0903A	13.39	14.37	25.98	8.860	9.840	12.20	1.57	0.91	3.54	4.72	17.05	2.375
H1003A	15.75	17.32	30.79	9.840	11.42	14.57	1.77	1.06	4.33	5.51	19.88	2.875
H1303A	17.72	19.29	35.71	10.43	13.39	16.14	1.97	1.34	4.33	6.69	22.17	3.625
H1403A	20.88	23.23	40.24	11.81	14.96	19.69	1.97	1.61	5.91	8.27	24.80	4.000

Unit	Sq. Key	AD	AE	BA	ES	FN	FU	Sq. F-Key
G0703A	.38	5.230	4.690	4.530	2.38	1.57	.7500	.19
G0803A	.50	6.030	6.570	5.510	2.75	1.97	.8750	.19
H0903A	.62	6.780	7.870	6.300	3.69	2.36	1.125	.25
H1003A	.75	7.990	8.860	7.280	4.62	3.15	1.375	.31
H1303A	.88	8.970	9.530	8.660	5.94	4.33	2.125	.50
H1403A	1.0	10.56	10.94	10.24	7.44	4.33	2.125	.50

Unit	FBA	FES	X-Tap	Y-Tap
G0703A	7.950	1.28	5/8-unF	1/4-unF
G0803A	5.510	1.28	3/4-unF	5/16-unF
H0903A	7.560	2.00	3/4-unF	3/8-unF
H1003A	9.020	2.40	3/4-unF	1/2-unF
H1303A	13.35	3.81	1-unF	3/4-unF
H1403A	13.51	3.81	1-unF	3/4-unF

LUBRICANTS

LUBRICANT AND QUANTITY

Sizes R040 through G080 will be, if supplied assembled, filled with a quantity of EP mineral oil (unless otherwise specified). However if, as requested, the unit is supplied without lubricant then the oil quantity required is obtained from Table 1. Recommended lubricants are listed in Table 2. See below for ambient temperature limitations.

MAINTENANCE AND TEMPERATURE LIMITATIONS

Sizes R040 require an oil change after 15,000 hours of operations. Other sizes require an oil change after 10,000 hours of operation. (Refer to maintenance manual.)

The standard lubricant is suitable for operation in ambient temperatures of 0° (32°F) to 40°C (104°F), outside of this consult Table 2 or Sterling Electric Application Engineers.

TABLE 1 LUBRICANT QUANTITY (Liters)

Mounting Position	Double Reduction							
	R0402	R0602	R0702	G0802	H0902	H1002	H1302	H1402
M1	.74	1.5	2.6	3.7	10.5	11.0	17.0	24.0
M2	.74	1.8	3.1	6.2	12.0	22.0	31.0	49.0
M3	.74	1.6	2.8	5.4	12.0	22.0	31.0	49.0
M4	.74	1.9	3.3	7.3	12.0	19.0	28.0	41.0
M5	1.42	1.9	3.2	6.4	16.8	32.0	47.0	72.0
M6	1.42	2.7	4.9	9.1	16.4	26.0	38.0	65.0

Mounting Position	Triple Reduction					
	G0703	G0803	H0903	H1003	H1303	H1403
M1	2.3	3.4	11.5	11.0	17.0	24.0
M2	2.9	6.0	11.5	23.0	33.0	50.0
M3	2.6	5.8	11.5	23.0	33.0	50.0
M4	3.3	7.9	11.5	20.0	30.0	43.0
M5	2.9	6.4	16.8	32.0	47.0	72.0
M6	4.7	9.3	16.5	27.0	40.0	67.0

TABLE 2 RECOMMENDED LUBRICANTS

Lubricant Supplier		Lubricant Range Name		ISO Viscosity / AGMA No.		
MINERAL OILS				220 / 5EP	320 / 6EP	460 / 7EP
				Ambient Temperature Range °C		
				-5 TO 25 (23 TO 77°F)	0 TO 40 (32 TO 104°F)	10 TO 50 (50 TO 122°F)
CHEVRON OIL CO.		CHEVRON GEAR COMPOUNDS EP		220	320	460
EXXON PETROLEUM CO.		SPARTAN EP		220	320	460
MOBIL OIL CO. LTD.		MOBIL GEAR 600 SERIES		630	632	634
SHELL LTD.		OMALA		220	320	460
SYNTHETIC OILS				ISO Viscosity / AGMA No.		
				220 / 5EP	320 / 6EP	460 / 7EP
				Ambient Temperature Range °C		
				-10 TO 30 (14 TO 86°F)	0 TO 45 (32 TO 113°F)	10 TO 50 (50 TO 122°F)
CHEVRON OIL CO.		SYNTHETIC DBH		220	320	460
EXXON PETROLEUM CO.		SPARTAN SEP		220	320	460
MOBIL OIL CO. LTD.		MOBIL GEAR SHC		220	320	460
SHELL LTD.		HYPERIA S		220	-	460

INSTALLATION AND MAINTENANCE INSTRUCTIONS

The unit is filled at the factory with the proper amount of oil for the standard mounting position M1. A level plug is provided for this position only so the unit can be checked for proper oil level prior to installation and start-up. All other mounting positions will require the oil level to be measured out prior to filling the unit based on the values in the table labeled **OIL CAPACITIES** above.

VENT PLUG LOCATION

Before putting the unit into operation, substitute the vent plug for the solid plug at the position desired. Arrows indicate the recommended vent plug locations

Change Intervals: Standard compounded lubricants should be changed every 10,000 operating hours. Synthetic lubricants should be changed every 20,000 operating hours.

CAUTION: Oil should be changed more often if the unit is used in a severe environment. (*i.e. dusty, humid*)

CAUTION: In the Food and Drug Industry (including animal food), consult the lubrication supplier for recommendation of lubricants which are acceptable to the Food and Drug Administration and/or other authoritative bodies having jurisdiction.

MAINTENANCE

Your Sterling Electric unit has been tested and adjusted at the factory. Dismantling or replacement of components must be done by Sterling Electric to maintain the warranty.

Frequently check the oil level of the unit. If oil level is low, (refer to the vent and level position chart) add proper lubrication through the filler plug until it comes out the oil level plug.

Inspect vent plug often to insure it is clean and operating.

CAUTION: Mounting bolts should be routinely checked to ensure that the unit is firmly anchored for proper operation.

Seals: The Sterling Electric line of speed reducers utilizes premium quality Viton® seals which are the state-of-the-art in sealing technology. Seals are, however, a wear item and eventually need to be replaced. Replacement of the seals can be easily accomplished by following the steps below:

1. Remove the worn seal without damaging the shaft surface or the seal bore. This can be done by drilling a .062 diameter hole in the seal casing (being careful not to drill into the bearing behind the seal). Screw a #10 sheet metal screw into the hole and pry out the seal.
2. Clean the seal bore of sealant.
3. Before installing the new seal, use electrical tape to cover any keyways or sharp edges on the shaft to prevent seal lip damage.
4. Grease the seal lips with bearing grease and apply a sealant to the seal bore.

INSTALLATION AND MAINTENANCE INSTRUCTIONS*Cont.*

5. Slide the seal into the shaft being careful not to fold the inner lip over on any shaft
6. Press the seal into its bore with a sleeve that presses on the seal casing, being careful to keep the seal square in its bore.

CLASS OF SERVICE

All capacity ratings are based on American Gear Manufacturers Association (AGMA) Standards. Load conditions must be within cataloged ratings published in the current Sterling Electric Catalog (available upon request).

LONG-TERM STORAGE (6 MONTHS UP)

Units must be stored indoors, in a dry, warm temperature Completely fill the unit with oil.

Rotate the input shaft so that the output shaft rotates at least one revolution per month.

Completely cover the input and output shaft with grease.

At the time of start up, drain the storage oil, install the breather, and fill to the proper oil level with correct lubricant for the operating condition.

WARRANTY (LIMITED)

The warranty will cover all of the parts in the gearmotor or reducer unit for 12 months from the date of shipment.

The warranty is only for parts and labor. In no event shall our liability exceed the original price of the unit, nor does it cover cost of on site repair, installation, or freight.

Contact the service department for a complete explanation as to the full warranty policies and conditions of sale.

All dimensions designs and specifications are subject to change without notice

SEAL AND BEARING SIZES

Input Bearings

(Item #28)

Unit Size	Bearing Part Number and Size				
	Series	OD (mm)	ID (mm)	Width (mm)	Sterling P/N
R0402	6207LLC3	72	35	17	400-0118-2
R0602	6208LLC3	80	40	18	400-0171-9
R0702					

(Item #25)

Unit Size	Bearing Part Number and Size				
	Series	OD (mm)	ID (mm)	Width (mm)	Sterling P/N
R0402	6305	62	25	17	400-0008-9
R0602	6306	72	30	19	400-0022-4
R0702					

Intermediate Bearings

(Item #16)

Unit Size	Bearing Part Number and Size				
	Series	OD (mm)	ID (mm)	Width (mm)	Sterling P/N
R0402	NJ203	40	17	12	400-0536-4
R0602	NJ204	47	20	14	400-0540-0
R0702					

Output Bearings

(Item #5)

Unit Size	Bearing Part Number and Size				
	Series	OD (mm)	ID (mm)	Width (mm)	Sterling P/N
R0402	6206	62	30	16	400-0008-9
R0602	6207	72	35	17	
R0702					

(Item #10)

Unit Size	Bearing Part Number and Size				
	Series	OD (mm)	ID (mm)	Width (mm)	Sterling P/N
R0402	6204	20	47	14	400-0005-4
R0602	6206	62	30	16	400-0008-9
R0702					

Input Seal

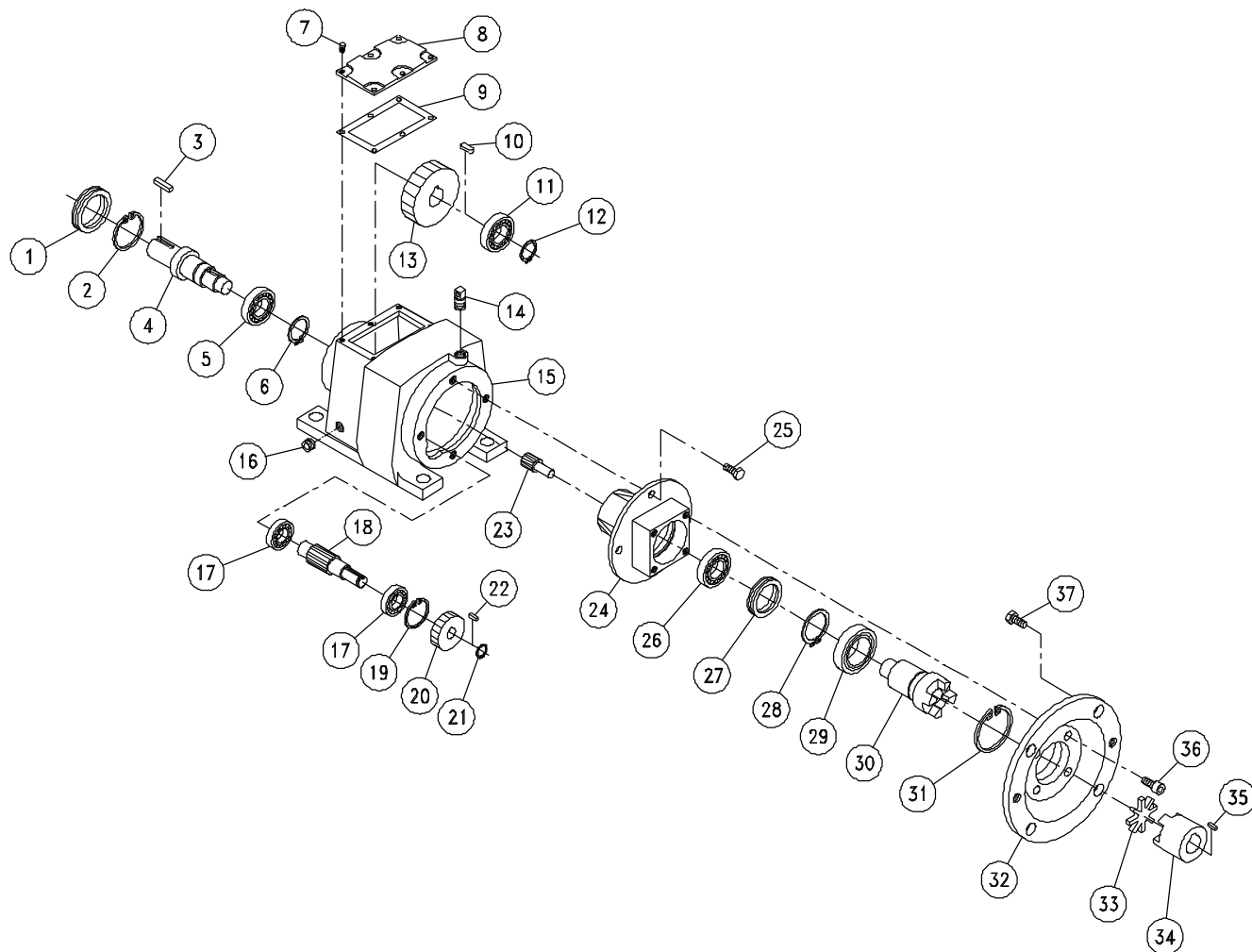
Unit Size	Bearing Part Number and Size			
	Shaft (mm)	Bore (mm)	Width (mm)	Sterling P/N
R0402*	35	62	7	404-0350-0
R0602	40	72	7	404-0362-8
R0702				

Output Seal

Unit Size	Bearing Part Number and Size			
	Shaft (mm)	Bore (mm)	Width (mm)	Sterling P/N
R0402	35	62	7	404-0350-0
R0602	40	72	7	404-0362-8
R0702				

* EARLY STYLE UNITS HAVE 55X72X10 SIZE INPUT SEALS (P/N 404-0351-9). CONTACT FACTORY WITH UNIT SERIAL NUMBER BEFORE ORDERING SEALS TO CONFIRM SIZE. EARLY UNITS CAN BE RETROFITTED WITH THE CURRENT SEAL AS LONG AS A DOUBLE SEALED BEARING IS USED LOC#27 AND THE SEAL IS PROPERLY LOCATED IN THE HOUSING. CONSULT FACTORY FOR DETAILS.

DOUBLE REDUCTION UNIT Parts List

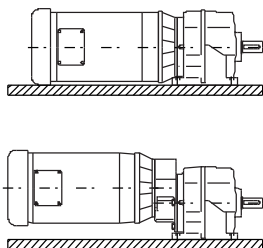


Item No.	Description	Qty	Item No.	Description	Qty	Item No.	Description	Qty
1	Output Seal	1	14	Breather / Vent	1	27	Input Seal	1
2	Internal Snap Ring	1	15	Gear Case Housing	1	28	External Snap Ring	1
3	Output Key	1	16	NPT Plug	3	29	Double Sealed Ball Bearing	1
4	Output Shaft	1	17	Cylindrical Roller Bearing	2	30	Input Shaft	1
5	Ball Bearing	1	18	Final Pinion Shaft	1	31	Internal Snap Ring	1
6	External Snap Ring	1	19	Internal Snap Ring	1	32	Input Motor Flange	1
7	Hex Head Screw	6	20	Primary Gear	1	33	Coupling Spider	1
8	Cover Plate	1	21	External Snap Ring	1	34	Motor Coupling Half	1
9	Cover Plate Gasket	1	22	Key	1	35	Motor Coupling Key	1
10	Key	1	23	Primary Pinion	1	36	Socket Head Screw	4
11	Ball Bearing	1	24	Input Adapter	1	37	Hex Head Bolt	4
12	External Snap Ring	1	25	Hex Head Screw	4			
13	Final Gear	1	26	Ball Bearing	1			

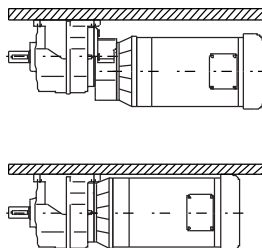
Notes: Replacement gears are available in sets only. For example, a final gear kit will contain the final gear and final pinion shaft. A primary gear kit will contain a primary gear and a primary pinion. Consult factory for part numbers.

Gearmotor Assembly Positions

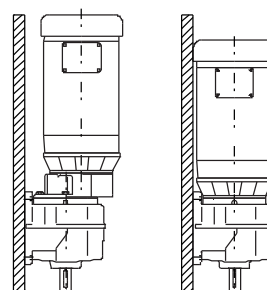
MOUNTING 1 M1-F-1*



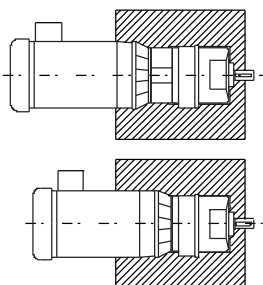
MOUNTING 4 M4-C-1*



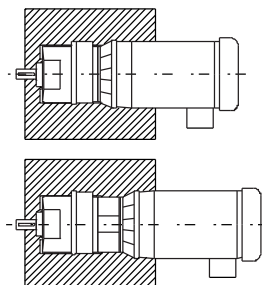
MOUNTING 5 M5-W-1*



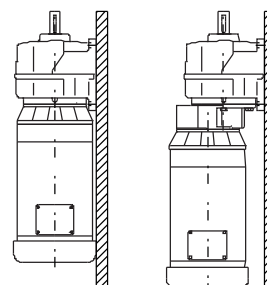
MOUNTING 3 M3-RW-2*



MOUNTING 2 M2-LW-2*

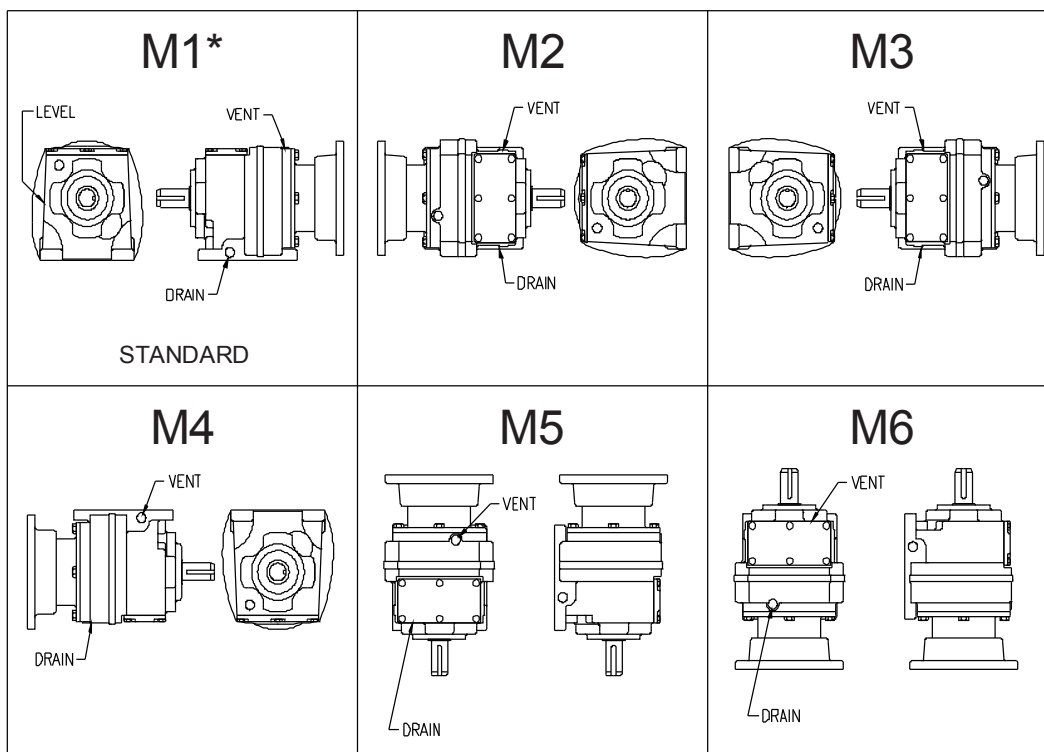


MOUNTING 6 M6-U-W-1*



* For Motor Conduit Box 180° Opposite of that shown, change mounting nomenclature to F-2.

Reducer Assembly Positions



CONDITIONS OF SALE

Acceptance of your order is subject to the following terms and conditions as well as the condition of sale stated in the Price Book, which may not be superseded or modified in any manner by the terms of your purchase order unless specifically agreed to in writing by Sterling Electric, Inc. ("the Company");

1. **WARRANTY** – The Company warrants that all of its own manufactured products will be of the kind and quality described in the specifications established at time of purchase, and no other warranty, except of title, is herein expressed and none shall be implied. The conditions of any test of the products shall be mutually agreed upon, and the Company shall be notified of and may be represented at all tests that may be made. If any failure to comply with the specifications appears within one year from the date of shipment the Purchaser shall notify the Company thereof immediately. Failure to notify the Company within such period shall relieve said Company from any and all obligations. The liability of the Company (except as to title) arising out of the supplying of said products or their use, whether on warranties or otherwise, shall not in any case exceed the least of the cost or correcting defects in the products, by repair or by supplying a replacement, f.o.b. factory, of the defective part or parts. Upon expiration of (1) year from the date of shipment all such liability shall terminate.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, WITH RESPECT TO THE PRODUCT. INCLUDING ANY IMPLIED OR STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. NEITHER COMPANY NOR ITS SUPPLIERS SHALL BE LIABLE, WHETHER IN CONTRACT OR IN TORT OR UNDER ANY OTHER LEGAL THEORY, FOR LOSS OF USE, REVENUE OR PROFIT, OR FOR COST OF CAPITAL OR OF SUBSTITUTE USE OR PERFORMANCE, OR FOR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, OR FOR ANY OTHER LOSS OR COST OF SIMILAR TYPE, OR FOR CLAIMS BY PURCHASER FOR DAMAGES OR PURCHASER'S CUSTOMERS.

The Company is not responsible for damage to products or injury to persons or property due to abuse, improper installation or storage, alteration or modification, use other than for which originally sold, or through operations above rated load, either intentionally or otherwise, of any product or part. Further the Company shall not under any circumstances, be liable for the fault, negligence, or wrongful acts of purchaser of Purchaser's employees, or Purchaser's other contractors or suppliers. If any Purchaser fails to comply with the stipulated conditions of operation, or fails to permit the Company to inspect defects before repairing, or alters the product in any way, or fails to maintain the equipment in as-is shipped condition in storage, the Company's responsibility shall terminate.

2. **CHANGE OF PRICES/ORDERS** – A minimum charge of \$50.00 shall be charged on any order. Any order changes requested by Purchaser after order has been entered shall incur a minimum charge of \$50.00. In addition, charges will be made to cover the cost of re-engineering, drafting, parts scrapped because of the change and Price Book modifications caused by the change.

In the event of a price change, prices on the unshipped portions of all orders are subject to the price in effect at the time of shipment. Exceptions to these terms are stated in the Price Book Conditions of Sale.

3. **SHIPPING AND STORAGE** – Products shall be shipped f.o.b. point of shipment, no freight allowed. Shipping methods or carriers are at the discretion of the Company. Date of shipment shall be the date shown on bill of lading for receipt of shipment by initial carrier. The Company is not responsible for any damage incurred during delivery by common carrier. Purchaser shall file claim against the carrier. All storage claims must be filled within (10) days of the receipt of shipment.

Special storage preparation is recommended for products that will not be put in service within ninety days of shipment. Charges for this service are specified in catalog 705 and the Conditions of Sale. Failure to request such storage preparation will void the warranty on products stored over ninety days.

4. **TERMS OF PAYMENT** – Unless otherwise arranged, terms of payment are cash in full within thirty days of invoice date. Payment will be in U.S. Dollars. On late payments, in the contract price shall, without prejudice to the Company's right to immediate payment, be increased 1?% per month on the unpaid balance, but not to exceed the maximum permitted by law.

If at anytime in the Company's judgment the Purchaser may be or may become unable or unwilling to meet the terms specified, the Company may require satisfactory assurances, full or partial payment, as a condition to commencing or continuing manufacture of making shipment, and may, if shipment has been made, recover the product(s) from the carrier, pending receipt of such assurances.

5. **CANCELLATION** – Cancellation of this order may be made by written notice to Company provided that payment of cost incurred by the Company, to the time such notice is received, is made by Purchaser.

6. **PATENTS** – The Company shall defend any suit or proceeding brought against the Purchaser so far as based on a claim that any product, or any part thereof, furnished under this contract constitutes an infringement of any patent of the United States. If notified promptly in writing and given authority, information and assistance (at the Company's expense) for the defense of same, and the Company shall pay all damages and cost awarded therein against the Purchaser. In case said product, or any part thereof, is in such suit held to constitute infringement and the use of said product or part is enjoined, the Company shall, at its own expense, either procure for the Purchaser the right to continue using said product or part; or replace same with non-infringing product; or modify it so that it becomes non-infringing; or remove said product and refund the purchase price and the transportation and installation costs thereof. The forgoing states the entire liability of the company for patent infringement by said product or any part thereof.

7. **DELIVERY/DELAY** – Shipping dates are estimates and are based upon prompt receipt of all necessary information. The Company shall not be liable for delay due to causes beyond its reasonable control, including but not limited to acts of God, acts of failure to act of government, acts or regulations of the federal or state governments, acts or omissions of the Purchaser, acts of civil or military authorities, priorities, fires, strikes, blizzards, earthquakes, tornadoes, floods, epidemics, quarantine restrictions, war, riots, delays in transportation, car, shortages, and inability, due to reasons beyond its reasonable control, to obtain necessary labor, material, or manufacturing facilities. In the event of any such delay, the date of the delivery shall be extended for a period equal to the time lost by reason of the delay and its consequences. Delay caused by Purchaser's request or amendment or addition to order shall cause the Company to apply those prices and price policy clauses in effect as of the date said order is finally released.

8. **TAXES** – The Company's prices do not include sales, use, excise, license or similar taxes. Consequently, in addition to the price specified herein, the amount of any present or future sales, use, excise, license or other similar tax applicable to the sale of the equipment, parts or accessories hereunder shall be paid by the Purchase, or in lieu thereof the Purchaser shall provide the Company with a tax exemption certificate acceptable to the taxing authorities.

9. **TITLE** – The title and right of possession of the equipment, parts or accessories sold hereunder shall remain with the Company and such equipment shall remain personal property until all payments hereunder (including deferred payments, whether evidenced by notes or otherwise) shall have been made in full in cash and the Purchaser agrees to do all acts necessary to protect and maintain such right and title in the Company.

10. **WAIVER/INDEMNITY** – No waiver or modification of any of these terms and conditions of sale shall be valid unless it is made in writing and signed by both Company and Purchaser. Failure by the Company to enforce any right possessed under the foregoing terms and conditions shall not constitute a waiver thereof or establish a custom. Purchaser shall protect, defend, indemnify and hold harmless the Company for all loss, cost or expense arising out of any breach of these Conditions of Sale or negligent act of the Purchaser.

11. **LAWS/LIMITATIONS** – The Company will comply with all applicable Federal, State and local laws, and hereby represents that any goods to be delivered hereunder will be produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. The laws of the State of California shall govern the validity, interpretation and enforcement of this contract. No action, regardless of form, arising out of the sale of use of the products which are the subject of this contract may be brought by either party more than one year after the cause of action has accrued, except on action for nonpayment of the purchase price brought within one year after the last payment due date.

