

STERLI-SEAL[®] SANITARY WORM GEAR REDUCER

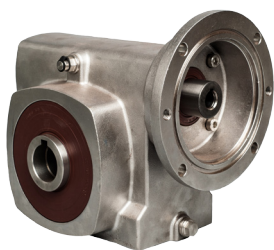
Sterling Electric continues to be a leader in the manufacturing of superior products to withstand the harsh environments found in the Food Processing industry. Our products have withstood the test of time under high pressure washdown applications, from our Electric Motor products, to our **New IP69K** rated smooth body Sterli-Seal[®] Sanitary Worm Gear reducers.

This New Design offers a rounded edge case housing to eliminate water standing after plant sanitation. The output shaft is provided with double sealing, with the addition of one seal at installation, and a fuse plug seal acting as a shaft cover and seal. Our Sterli-Seal Sanitary reducer is designed with No Exposed mounting hardware that sets us apart from other competing brands to provide the best solution in food related applications.

**IP69K
RATED**

OUR OUTSTANDING FEATURES INCLUDE:

- IP69K Ingress Rated
- One Piece 300 Series Stainless Steel Investment Cast Housing
- Electropolished Exterior Finish
- Rounded Edges prevent pooling or puddling of liquids after sanitation
- No Exposed mounting hardware to allow accumulation of materials
- No Exposed threads on Oil Level Plugs. Flush mounted to reducer case housing
- Double Input Viton[®] Oil Seals with O-Ring on C-Face Bracket
- Output Designed to accommodate Double Output Seals, as standard
- Factory Filled with Mobil Cibus 460 - H1 Food Grade Oil
- Etched Nameplate, as standard



Dual Double Lip Output Seal/Input Seal



Ring, Bolt and Washer supplied for mounting to customer shaft.
Seal Plug for protect of rotating output shaft.



Recommended Torque Arm Mounting (shown).
Additional Charge Applies

LIST PRICES ▶

CENTER DISTANCE	SS2175	SS2206	SS2238	SS2262	SS2325
Reducer	\$1583	\$1865	\$2556	\$2706	\$4324
Torque Arm	\$175	\$181	\$181	\$181	\$220

STERLI-SEAL® SANITARY REDUCER RATING TABLES

RATIO	SIZE SS2175						SIZE SS2206				SIZE SS2238				SIZE SS2262				SIZE SS2325			
	INPUT RPM	OUTPUT RPM	HP	HP	OUTPUT TORQUE	OHL	HP	HP	OUTPUT TORQUE	OHL	HP	HP	OUTPUT TORQUE	OHL	HP	HP	OUTPUT TORQUE	OHL	HP	HP	OUTPUT TORQUE	OHL
5	2500	500.0	1.976	1.830	231	473	2.928	2.737	345	494	4.594	4.326	545	1107	5.548	5.240	682	1039	10.562	10.034	1306	1464
	1750	350.0	1.703	1.560	281	473	2.510	2.323	418	494	3.889	3.628	653	1107	4.804	4.496	836	1039	9.135	8.611	1602	1464
	1170	234.0	1.392	1.257	339	473	2.104	1.922	517	494	3.340	3.078	829	1107	4.052	3.747	1042	1039	7.694	7.172	1995	1464
	870	174.0	1.153	1.030	373	473	1.766	1.596	578	494	2.839	2.589	937	1107	3.473	3.180	1190	1039	6.799	6.278	2349	1464
	100	20.0	0.186	0.152	478	473	0.293	0.243	766	494	0.486	0.408	1286	1107	0.608	0.513	1669	1039	1.289	1.097	3571	1464
10	2500	250.0	1.643	1.495	377	473	2.450	2.250	567	494	3.484	3.215	810	1107	4.522	4.194	1057	1039	8.232	7.701	1941	1464
	1750	175.0	1.368	1.227	442	473	2.092	1.896	682	494	3.083	2.809	1011	1107	3.903	3.575	1287	1039	7.034	6.507	2343	1464
	1170	117.0	1.053	0.928	500	473	1.642	1.463	788	494	2.487	2.229	1200	1107	3.198	2.882	1552	1039	5.974	5.446	2932	1464
	870	87.0	0.846	0.736	533	473	1.332	1.172	848	494	2.048	1.811	1311	1107	2.654	2.691	1710	1039	5.050	4.548	3293	1464
	100	10.0	0.126	0.100	628	473	0.203	0.163	1026	494	0.325	0.261	1646	1107	0.430	0.348	2193	1039	0.857	0.704	4437	1464
15	2500	166.7	1.209	1.054	398	473	1.834	1.634	618	494	2.612	2.341	885	1107	3.370	3.068	1160	1039	6.161	5.603	2118	1464
	1750	116.7	1.026	0.876	473	473	1.561	1.366	738	494	2.303	2.028	1095	1107	2.921	2.618	1414	1039	5.277	4.724	2551	1464
	1170	78.0	0.803	0.669	540	473	1.225	1.048	846	494	1.857	1.598	1291	1107	2.321	2.041	1648	1039	4.531	3.971	3107	1464
	870	58.0	0.653	0.532	578	473	0.995	0.837	909	494	1.530	1.294	1406	1107	1.896	1.643	1784	1039	3.858	3.324	3611	1464
	100	6.7	0.102	0.073	690	473	0.154	0.115	1090	494	0.247	0.185	1749	1107	0.296	0.231	2187	1039	0.682	0.518	4895	1464
20	2500	125.0	0.977	0.832	419	473	1.457	1.259	635	494	2.076	1.808	911	1107	2.069	2.375	1197	1039	4.836	4.306	2170	1464
	1750	87.5	0.814	0.677	487	473	1.243	1.050	756	494	1.828	1.557	1121	1107	2.371	2.051	1477	1039	4.188	3.658	2633	1464
	1170	58.5	0.630	0.508	547	473	0.978	0.803	865	494	1.476	1.222	1316	1107	1.913	1.613	1737	1039	3.547	3.020	3253	1464
	870	43.5	0.508	0.402	581	473	0.797	0.641	928	494	1.218	0.987	1430	1107	1.578	1.305	1890	1039	3.002	2.505	3628	1464
	100	5.0	0.078	0.054	679	473	0.126	0.088	1110	494	0.200	0.170	1768	1107	0.258	0.186	2345	1039	0.528	0.381	4802	1464
25	2500	100.0	0.803	0.666	419	473	1.194	1.010	636	494	1.724	1.464	922	1107	2.225	1.923	1211	1039	3.977	3.468	2185	1464
	1750	70.0	0.665	0.537	483	473	1.005	0.829	746	494	1.510	1.249	1124	1107	1.945	1.641	1477	1039	3.465	2.953	2658	1464
	1170	46.8	0.512	0.400	539	473	0.784	0.627	844	494	1.215	0.973	1310	1107	1.561	1.279	1722	1039	2.914	2.413	3248	1464
	870	34.8	0.413	0.315	570	473	0.636	0.497	899	494	1.003	0.783	1418	1107	1.286	1.030	1864	1039	2.460	1.990	3603	1464
	100	4.0	0.064	0.042	659	473	0.100	0.067	1059	494	0.166	0.110	1738	1107	0.210	0.145	2286	1039	0.434	0.298	4701	1464
30	2500	83.3	0.696	0.545	412	473	1.043	0.849	642	494	1.484	1.218	921	1107	1.902	1.608	1216	1039	3.452	2.903	2195	1464
	1750	58.3	0.597	0.451	487	473	0.896	0.706	763	494	1.319	1.049	1133	1107	1.654	1.362	1471	1039	3.003	2.454	2651	1464
	1170	39.0	0.475	0.343	555	473	0.711	0.540	872	494	1.076	0.824	1330	1107	1.325	1.055	1705	1039	2.604	2.052	3315	1464
	870	29.0	0.390	0.273	593	473	0.583	0.430	934	494	0.896	0.665	1445	1107	1.090	0.847	1840	1039	2.238	1.713	3721	1464
	100	3.3	0.065	0.037	705	473	0.096	0.059	1115	494	0.155	0.095	1789	1107	0.179	0.118	2238	1039	0.425	0.265	5007	1464
40	2500	62.5	0.554	0.416	419	473	0.821	0.631	636	494	1.165	0.906	914	1107	1.497	1.194	1203	1039	2.669	2.157	2174	1464
	1750	43.8	0.469	0.338	486	473	0.710	0.524	755	494	1.040	0.778	1121	1107	1.335	1.027	1479	1039	2.348	1.834	2641	1464
	1170	29.3	0.369	0.253	545	473	0.568	0.400	862	494	0.854	0.609	1312	1107	1.094	0.805	1735	1039	2.019	1.509	3251	1464
	870	21.8	0.302	0.200	579	473	0.469	0.319	924	494	0.714	0.492	1424	1107	0.913	0.650	1884	1039	1.729	1.250	3620	1464
	100	2.5	0.050	0.027	674	473	0.080	0.044	1102	494	0.127	0.070	1756	1107	0.161	0.092	2328	1039	0.330	0.189	4769	1464
50	2500	50.0	0.448	0.321	405	473	0.659	0.488	615	494	0.951	0.707	891	1107	1.214	0.930	1172	1039	2.152	1.674	2110	1464
	1750	35.0	0.377	0.258	465	473	0.563	0.399	719	494	0.847	0.602	1084	1107	1.076	0.792	1426	1039	1.907	1.426	2568	1464
	1170	23.4	0.296	0.192	518	473	0.448	0.302	812	494	0.695	0.468	1261	1107	0.880	0.616	1659	1039	1.634	1.163	3130	1464
	870	17.4	0.242	0.151	548	473	0.368	0.239	864	494	0.582	0.377	1364	1107	0.734	0.495	1794	1039	1.399	0.958	3467	1464
	100	2.0	0.040	0.020	632	473	0.062	0.032	1016	494	0.105	0.053	1667	1107	0.130	0.070	2193	1039	0.270	0.143	4510	1464
60	2500	41.7	0.374	0.254	384	473	0.561	0.388	586	494	0.772	0.560	847	1107	0.998	0.736	1114	1039	1.764	1.323	2001	1464
	1750	29.2	0.317	0.204	442	473	0.491	0.322	696	494	0.674	0.466	1007	1107	0.883	0.623	1345	1039	1.573	1.128	2437	1464
	1170	19.5	0.251	0.152	492	473	0.399	0.246	795	494	0.545	0.357	1152	1107	0.722	0.482	1556	1039	1.346	0.913	2951	1464
	870	14.5	0.206	0.120	520	473	0.333	0.196	851	494	0.453	0.284	1235	1107	0.603	0.386	1678	1039	1.153	0.750	3258	1464
	100	1.7	0.035	0.016	600	473	0.060	0.027	1015	494	0.080	0.039	1477	1107	0.108	0.054	2036	1039	0.225	0.111	4201	1464
80	2500	31.3	0.247	0.156	314	473	0.357	0.236	476	494	0.520	0.348	701	1107	0.656	0.456	919	1039	1.122	0.796	1605	1464
	1750	21.9	0.208	0.124	356	473	0.304	0.190	547	494	0.455	0.288	830	1107	0.577	0.379	1092	1039	1.030	0.695	2000	1464
	1170	14.6	0.164	0.091	392	473	0.241	0.141	609	494	0.370	0.219	946	1107	0.469	0.289	1247	1039	0.869	0.551	2371	1464
	870	10.9	0.134	0.071	413	473	0.198	0.111	644	494	0.309	0.175	1011	1107	0.391	0.231	1335	1039	0.740	0.447	2590	1464
	100	1.3	0.023	0.009	470	473	0.034	0.015	743	494	0.056	0.024	1202	1107	0.070	0.032	1593	1039	0.143	0.064	3246	1464
100	2500	25.0	0.167	0.097	245	473	0.251	0.150	379	494	0.351	0.219	551	1107	0.441	0.286	721	1039	0.754	0.503	1268	1464
	1750	17.5	0.141	0.077	277	473	0.217	0.122	439	494	0.307	0.180	648	1107	0.386	0.236	851	1039	0.691	0.435	1567	1464
	1170	11.7	0.111	0.057	304	473	0.175	0.091	491	494	0.251	0.136	735	1107	0.314	0.179	966	1039	0.584	0.343	1846	1464
	870	8.7	0.092	0.044	319	473	0.146	0.072	521	494	0.210	0.108	784	1107	0.262	0.143	1032	1039	0.498	0.277	2009	1464
	100	1.0	0.016	0.006	362	473	0.026	0.010	605	494	0.039	0.015	926	1107	0.048	0.019	1222	1039	0.097	0.	2496	1464

Note: All torque values listed in inch-pounds, all overhung load values listed in pounds.
The point of application of the overhung load is considered to be one shaft diameter measured outward from the gear case housing.

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