

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.25	1101	1.59	-	14	1	8.08	H_381GH71C4
	946	1.85	-	17	1	8.08	
	854	2.05	-	18	1	8.08	
	781	2.24	50	20	1	8.08	
	700	2.50	102	23	1	8.08	
	641	2.73	102	25	1	7.96	
	583	3.00	211	27	1	7.64	
	529	3.31	269	30	1	7.28	
	477	3.67	258	33	1	6.92	
	422	4.15	371	37	1	6.44	
	382	4.58	371	41	1	6.12	
	338	5.18	543	47	1	5.64	
	296	5.92	543	53	1	5.04	
	260	6.73	583	61	1	4.52	
	243	7.20	583	65	1	4.28	
	211	8.30	834	75	1	3.80	
	188	9.33	834	84	1	3.36	
	101	17.33	416	156	2	7.35	
	89	19.64	546	177	2	6.68	
	81	21.67	546	195	2	6.20	
	71	24.50	546	221	2	5.61	
	63	27.97	881	252	2	5.05	
	55	31.80	881	286	2	4.54	
	51	34.04	881	306	2	4.29	
	45	39.24	881	353	2	3.79	
	40	44.12	1117	397	2	3.42	
	57	30.74	881	277	3	6.88	H_383GH71C4
	52	33.82	881	304	3	6.38	
	45	39.28	881	354	3	5.50	
	41	42.53	881	383	3	5.08	
	36	48.10	1117	433	3	4.50	
	33	52.86	1117	476	3	4.09	
	30	58.30	1117	525	3	3.71	
	27	64.58	1117	581	3	3.35	
	24	71.91	1117	647	3	3.01	
	21	82.52	1117	743	3	2.62	
	19	91.34	1117	822	3	2.37	
	17	103.89	1117	935	3	2.08	
	15	118.55	1117	1067	3	1.82	
	13	133.57	1117	1203	3	1.62	
	12	149.26	1117	1344	3	1.45	
	10	170.24	1117	1533	3	1.27	
	9	191.75	1117	1726	3	1.13	
	726	2.41	195	22	1	8.08	H_481GH71C4
648	2.70	161	24	1	8.08		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-130	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.25 (CONT.)	593	2.95	124	27	1	8.08	H_481GH71C4
	540	3.24	106	29	1	8.08	
	492	3.56	99	32	1	8.08	
	452	3.87	99	35	1	8.08	
	416	4.21	191	38	1	8.08	
	379	4.62	191	42	1	7.84	
	344	5.08	303	46	1	7.28	
	299	5.85	303	53	1	6.52	
	276	6.33	627	57	1	6.12	
	250	7.00	627	63	1	5.60	
	214	8.17	711	74	1	4.92	
	193	9.09	711	82	1	4.48	
	175	10.00	826	90	1	4.12	
	155	11.30	826	102	1	3.72	
		66	26.53	1142	239	2	
61		28.74	1517	259	2	6.10	
55		31.77	1517	286	2	5.62	
47		37.06	1517	334	2	4.93	
42		41.26	1517	371	2	4.50	
39		45.38	1884	409	2	4.13	
	34	51.28	1884	462	2	3.71	H_483GH71C4
	31	55.92	1884	503	3	7.92	
	29	61.14	1884	550	3	7.24	
	26	67.10	1884	604	3	6.59	
	24	73.99	1986	666	3	5.98	
	21	82.02	1986	738	3	5.40	
	19	92.91	1986	837	3	4.76	
	17	102.52	1986	923	3	4.32	
	15	115.91	1986	1044	3	3.82	
	13	132.34	1986	1192	3	3.34	
	12	150.48	1986	1355	3	2.94	
	11	161.05	1986	1450	3	2.75	H_682GH71C4
	9	185.66	1986	1672	3	2.38	
	8	208.77	1986	1880	3	2.12	
	51	34.49	1940	310	2	6.80	
	46	37.76	1940	340	2	6.31	H_683GH71C4
	42	42.06	1940	379	2	5.75	
	36	48.09	2765	433	2	5.13	
	17	104.80	3091	944	3	7.50	H_683GH71C4
	15	114.78	3170	1033	3	6.85	
	14	126.41	3170	1138	3	6.22	
	12	145.38	3170	1309	3	5.41	
	11	157.50	3170	1418	3	4.99	
	10	174.08	3170	1567	3	4.52	
9	203.09	3170	1829	3	3.87		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-170	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

QUANTIS
QUANTIS GOLD
ILH
RHB
MSM

SELECTION



IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
0.25 (CONT.)	8	226.07	3170	2035	3	3.48	H_683GH71C4	
	7	248.68	3170	2239	3	3.16		
	6	281.01	3170	2530	3	2.80		
	0.25 (CONT.)	10	175.18	4856	1577	3	5.83	H_883GH71C4
		9	191.80	4856	1727	3	5.40	
		8	213.64	4856	1923	3	4.92	
		7	244.29	4856	2199	3	4.38	
		6	270.90	4856	2439	3	3.99	
6		300.41	4856	2705	3	3.64		
0.33	1101	1.59	-	19	1	6.12	H_381GH71D4	
	946	1.85	-	22	1	6.12		
	854	2.05	-	24	1	6.12		
	781	2.24	50	27	1	6.12		
	700	2.50	102	30	1	6.12		
	641	2.73	102	32	1	6.03		
	583	3.00	211	36	1	5.79		
	529	3.31	269	39	1	5.52		
	477	3.67	258	44	1	5.24		
	422	4.15	371	49	1	4.88		
	382	4.58	371	54	1	4.64		
	338	5.18	543	62	1	4.27		
	296	5.92	543	70	1	3.82		
	260	6.73	583	80	1	3.42		
	243	7.20	583	86	1	3.24		
	211	8.30	834	99	1	2.88		
	188	9.33	834	111	1	2.55		
	0.33	367	4.77	518	57	2		6.09
		315	5.55	518	66	2	6.11	
		284	6.16	518	73	2	6.13	
		261	6.71	518	80	2	6.09	
		233	7.50	279	89	2	6.13	
		233	7.52	279	89	2	6.14	
		200	8.75	279	104	2	6.11	
180		9.70	279	115	2	6.13		
166		10.57	279	126	2	6.10		
148		11.82	416	140	2	6.14		
135		12.92	416	154	2	6.10		
123		14.18	416	169	2	6.10		
112		15.64	416	186	2	6.00		
101		17.33	416	206	2	5.57		
89		19.64	546	233	2	5.08		
81		21.67	546	258	2	4.69		
71	24.50	546	291	2	4.26			
63	27.97	881	332	2	3.83			
55	31.80	881	378	2	3.44			

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.33 (CONT.)	51	34.04	881	405	2	3.24	H_382GH71D4
	45	39.24	881	466	2	2.87	
	40	44.12	1117	524	2	2.59	
	57	30.74	881	365	3	5.22	H_383GH71D4
	52	33.82	881	402	3	4.84	
	45	39.28	881	467	3	4.17	
	41	42.53	881	505	3	3.86	
	36	48.10	1117	572	3	3.40	
	33	52.86	1117	628	3	3.10	
	30	58.30	1117	693	3	2.81	
	27	64.58	1117	768	3	2.54	
	24	71.91	1117	855	3	2.28	
	21	82.52	1117	981	3	1.98	
	19	91.34	1117	1086	3	1.79	
	17	103.89	1117	1235	3	1.58	
	15	118.55	1117	1409	3	1.38	
	13	133.57	1117	1587	3	1.23	
	12	149.26	1117	1774	3	1.10	
	726	2.41	195	29	1	6.12	H_481GH71D4
	648	2.70	161	32	1	6.12	
	593	2.95	124	35	1	6.12	
	540	3.24	106	39	1	6.12	
	492	3.56	99	42	1	6.12	
	452	3.87	99	46	1	6.12	
	416	4.21	191	50	1	6.12	
	379	4.62	191	55	1	5.94	
	344	5.08	303	60	1	5.52	
	299	5.85	303	70	1	4.94	
	276	6.33	627	75	1	4.64	
	250	7.00	627	83	1	4.24	
214	8.17	711	97	1	3.73		
193	9.09	711	108	1	3.39		
175	10.00	826	119	1	3.12		
155	11.30	826	134	1	2.82		
258	6.79	904	81	2	6.09	H_482GH71D4	
160	10.93	937	130	2	6.11		
143	12.25	937	146	2	6.10		
131	13.38	937	159	2	6.12		
119	14.68	937	175	2	6.14		
108	16.17	937	192	2	6.12		
100	17.55	1142	209	2	6.10		
91	19.13	1142	227	2	6.13		
84	20.95	1142	249	2	5.95		
76	23.07	1142	274	2	5.53		
66	26.53	1142	315	2	4.94		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-132	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.33 (CONT.)	61	28.74	1517	342	2	4.62	H_482GH71D4
	55	31.77	1517	378	2	4.25	
	47	37.06	1517	440	2	3.74	
	42	41.26	1517	490	2	3.41	
	39	45.38	1884	539	2	3.13	
	34	51.28	1884	610	2	2.81	
	49	35.59	1517	423	3	6.12	H_483GH71D4
	42	41.38	1517	492	3	6.12	
	38	45.91	1884	546	3	6.11	
	35	50.00	1884	594	3	6.12	
	31	55.92	1884	665	3	5.99	
	29	61.14	1884	727	3	5.48	
	26	67.10	1884	798	3	5.00	
	24	73.99	1986	879	3	4.53	
	21	82.02	1986	975	3	4.09	
	19	92.91	1986	1104	3	3.61	
	17	102.52	1986	1218	3	3.27	
	15	115.91	1986	1378	3	2.89	
	13	132.34	1986	1573	3	2.53	
	12	150.48	1986	1788	3	2.23	
	11	161.05	1986	1914	3	2.08	
	9	185.66	1986	2206	3	1.80	
	8	208.77	1986	2481	3	1.61	
	119	14.74	962	175	2	6.12	H_682GH71D4
	106	16.45	962	196	2	6.10	
	98	17.82	1306	212	2	6.11	
	87	20.20	1306	240	2	6.12	
	80	21.76	1306	259	2	6.11	
	74	23.53	1306	280	2	6.11	
	68	25.55	1306	304	2	6.11	
	62	28.25	1940	336	2	6.07	
	57	30.60	1940	364	2	5.69	
	51	34.49	1940	410	2	5.16	
	46	37.76	1940	449	2	4.78	
	42	42.06	1940	500	2	4.36	
	36	48.09	2765	572	2	3.88	
29	59.91	2765	712	3	6.12	H_683GH71D4	
26	67.14	2765	798	3	6.12		
24	73.30	3091	871	3	6.12		
22	80.46	3091	956	3	6.12		
20	88.59	3091	1053	3	6.12		
18	96.16	3091	1143	3	6.12		
17	104.80	3091	1246	3	5.68		
15	114.78	3170	1364	3	5.19		
14	126.41	3170	1502	3	4.71		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-172	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.33 (CONT.)	12	145.38	3170	1728	3	4.10	H_683GH71D4
	11	157.50	3170	1872	3	3.78	
	10	174.08	3170	2069	3	3.42	
	9	203.09	3170	2414	3	2.93	
	8	226.07	3170	2687	3	2.64	
	7	248.68	3170	2956	3	2.40	
	6	281.01	3170	3340	3	2.12	H_883GH71D4
	23	74.88	4856	890	3	6.12	
	21	83.58	4856	993	3	6.12	
	19	90.53	4856	1076	3	6.12	
	17	102.61	4856	1219	3	6.12	
	16	110.54	4856	1314	3	6.12	
	15	119.52	4856	1420	3	6.02	
	13	129.79	4856	1542	3	5.64	
	12	143.50	4856	1705	3	5.21	
	11	155.46	4856	1848	3	4.87	
	10	175.18	4856	2082	3	4.41	
	9	191.80	4856	2279	3	4.09	
	8	213.64	4856	2539	3	3.73	
	7	244.29	4856	2903	3	3.31	
6	270.90	4856	3220	3	3.02		
6	300.41	4856	3570	3	2.76		
0.5	1101	1.59	-	29	1	4.04	H_381GH71E4
	946	1.85	-	33	1	4.04	
	854	2.05	-	37	1	4.04	
	781	2.24	50	40	1	4.04	
	700	2.50	102	45	1	4.04	
	641	2.73	102	49	1	3.98	
	583	3.00	211	54	1	3.82	
	529	3.31	269	60	1	3.64	
	477	3.67	258	66	1	3.46	
	422	4.15	371	75	1	3.22	
	382	4.58	371	82	1	3.06	
	338	5.18	543	93	1	2.82	
	296	5.92	543	107	1	2.52	
	260	6.73	583	121	1	2.26	
	243	7.20	583	130	1	2.14	
	211	8.30	834	149	1	1.90	
	188	9.33	834	168	1	1.68	
	367	4.77	518	86	2	4.03	H_382GH71E4
	315	5.55	518	100	2	4.04	
	284	6.16	518	111	2	4.03	
261	6.71	518	121	2	4.03		
233	7.50	279	135	2	4.04		
233	7.52	279	135	2	4.05		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

SELECTION



IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.5 (CONT.)	200	8.75	279	157	2	4.02	H_382GH71E4
	180	9.70	279	175	2	4.03	
	166	10.57	279	190	2	4.04	
	148	11.82	416	213	2	4.03	
	135	12.92	416	233	2	4.03	
	123	14.18	416	255	2	4.04	
	112	15.64	416	282	2	3.96	
	101	17.33	416	312	2	3.68	
	89	19.64	546	354	2	3.34	
	81	21.67	546	390	2	3.10	
	71	24.50	546	441	2	2.81	
	63	27.97	881	504	2	2.52	
	55	31.80	881	573	2	2.27	
	51	34.04	881	613	2	2.14	
	45	39.24	881	707	2	1.89	
	40	44.12	1117	794	2	1.71	
	57	30.74	881	554	3	3.44	H_383GH71E4
	52	33.82	881	609	3	3.20	
	45	39.28	881	707	3	2.75	
	41	42.53	881	766	3	2.54	
	36	48.10	1117	866	3	2.25	
	33	52.86	1117	952	3	2.05	
	30	58.30	1117	1050	3	1.85	
	27	64.58	1117	1163	3	1.67	
	24	71.91	1117	1295	3	1.50	
	21	82.52	1117	1486	3	1.31	
	19	91.34	1117	1645	3	1.18	
	17	103.89	1117	1871	3	1.04	
	726	2.41	195	43	1	4.04	H_481GH71E4
	648	2.70	161	49	1	4.04	
	593	2.95	124	53	1	4.04	
	540	3.24	106	58	1	4.04	
	492	3.56	99	64	1	4.04	
	452	3.87	99	70	1	4.04	
	416	4.21	191	76	1	4.04	
	379	4.62	191	83	1	3.92	
	344	5.08	303	91	1	3.64	
	299	5.85	303	105	1	3.26	
	276	6.33	627	114	1	3.06	
	250	7.00	627	126	1	2.80	
214	8.17	711	147	1	2.46		
193	9.09	711	164	1	2.24		
175	10.00	826	180	1	2.06		
155	11.30	826	203	1	1.86		
258	6.79	904	122	2	4.05	H_482GH71E4	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-132	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.5 (CONT.)	160	10.93	937	197	2	4.04	H_482GH71E4
	143	12.25	937	221	2	4.03	
	131	13.38	937	241	2	4.04	
	119	14.68	937	264	2	4.04	
	108	16.17	937	291	2	4.04	
	100	17.55	1142	316	2	4.04	
	91	19.13	1142	344	2	4.04	
	84	20.95	1142	377	2	3.93	
	76	23.07	1142	415	2	3.65	
	66	26.53	1142	478	2	3.26	
	61	28.74	1517	518	2	3.05	
	55	31.77	1517	572	2	2.81	
	47	37.06	1517	667	2	2.47	
	42	41.26	1517	743	2	2.25	
	39	45.38	1884	817	2	2.07	
	34	51.28	1884	923	2	1.86	
	49	35.59	1517	641	3	4.04	H_483GH71E4
	42	41.38	1517	745	3	4.04	
	38	45.91	1884	827	3	4.04	
	35	50.00	1884	900	3	4.04	
	31	55.92	1884	1007	3	3.96	
	29	61.14	1884	1101	3	3.62	
	26	67.10	1884	1208	3	3.30	
	24	73.99	1986	1332	3	2.99	
	21	82.02	1986	1477	3	2.70	
	19	92.91	1986	1673	3	2.38	
	17	102.52	1986	1846	3	2.16	
	15	115.91	1986	2087	3	1.91	
	13	132.34	1986	2383	3	1.67	
	12	150.48	1986	2710	3	1.47	
	11	161.05	1986	2900	3	1.37	
	9	185.66	1986	3343	3	1.19	
	8	208.77	1986	3759	3	1.06	
	119	14.74	962	265	2	4.04	H_682GH71E4
	106	16.45	962	296	2	4.04	
	98	17.82	1306	321	2	4.04	
87	20.20	1306	364	2	4.03		
80	21.76	1306	392	2	4.04		
74	23.53	1306	424	2	4.03		
68	25.55	1306	460	2	4.04		
62	28.25	1940	509	2	4.01		
57	30.60	1940	551	2	3.76		
51	34.49	1940	621	2	3.41		
46	37.76	1940	680	2	3.16		
42	42.06	1940	757	2	2.88		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-172	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

SELECTION



IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.5 (CONT.)	36	48.09	2765	866	2	2.56	H_682GH71E4
	29	59.91	2765	1079	3	4.04	H_683GH71E4
	26	67.14	2765	1209	3	4.04	
	24	73.30	3091	1320	3	4.04	
	22	80.46	3091	1449	3	4.04	
	20	88.59	3091	1595	3	4.04	
	18	96.16	3091	1732	3	4.04	
	17	104.80	3091	1887	3	3.75	
	15	114.78	3170	2067	3	3.43	
	14	126.41	3170	2276	3	3.11	
	12	145.38	3170	2618	3	2.70	
	11	157.50	3170	2836	3	2.50	
	10	174.08	3170	3135	3	2.26	
	9	203.09	3170	3657	3	1.94	
	8	226.07	3170	4071	3	1.74	
	7	248.68	3170	4478	3	1.58	
	6	281.01	3170	5060	3	1.40	
	23	74.88	4856	1348	3	4.04	H_883GH71E4
	21	83.58	4856	1505	3	4.04	
	19	90.53	4856	1630	3	4.04	
	17	102.61	4856	1848	3	4.04	
	16	110.54	4856	1990	3	4.04	
	15	119.52	4856	2152	3	3.97	
13	129.79	4856	2337	3	3.72		
12	143.50	4856	2584	3	3.43		
11	155.46	4856	2799	3	3.22		
10	175.18	4856	3154	3	2.91		
9	191.80	4856	3454	3	2.70		
8	213.64	4856	3847	3	2.46		
7	244.29	4856	4399	3	2.19		
6	270.90	4856	4878	3	2.00		
6	300.41	4856	5410	3	1.82		
0.75	1101	1.59	-	43	1	3.28	H_381GH80F4
	946	1.85	-	50	1	3.28	
	854	2.05	-	55	1	3.28	
	781	2.24	50	61	1	3.28	
	700	2.50	102	68	1	3.28	
	641	2.73	102	74	1	3.28	
	583	3.00	211	81	1	3.28	
	529	3.31	269	89	1	3.28	
	477	3.67	258	99	1	3.12	
	422	4.15	371	112	1	2.91	
	382	4.58	371	124	1	2.75	
	338	5.18	543	140	1	2.56	
	296	5.92	543	160	1	2.36	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.75 (CONT.)	260	6.73	583	182	1	2.16	H_381GH80F4
	243	7.20	583	195	1	1.73	
	211	8.30	834	224	1	1.27	
	367	4.77	518	129	2	3.28	H_382GH80F4
	315	5.55	518	150	2	3.28	
	284	6.16	518	166	2	3.28	
	261	6.71	518	181	2	3.28	
	233	7.50	279	203	2	3.28	
	233	7.52	279	203	2	3.28	
	200	8.75	279	236	2	3.28	
	180	9.70	279	262	2	3.28	
	166	10.57	279	285	2	3.28	
	148	11.82	416	319	2	3.28	
	135	12.92	416	349	2	3.28	
	123	14.18	416	383	2	3.28	
	112	15.64	416	422	2	3.28	
	101	17.33	416	468	2	3.28	
	89	19.64	546	530	2	3.28	
	81	21.67	546	585	2	3.16	
	71	24.50	546	662	2	2.95	
	63	27.97	881	755	2	2.57	
	55	31.80	881	859	2	2.27	
	51	34.04	881	919	2	2.12	
	45	39.24	881	1060	2	1.84	
	57	30.74	881	830	3	2.29	H_383GH80F4
	52	33.82	881	913	3	2.13	
	45	39.28	881	1061	3	1.84	
	41	42.53	881	1149	3	1.69	
	36	48.10	1117	1299	3	1.50	
	33	52.86	1117	1428	3	1.36	
30	58.30	1117	1575	3	1.24		
27	64.58	1117	1744	3	1.12		
24	71.91	1117	1942	3	1.00		
1151	1.52	-	41	1	3.28	H_481GH80F4	
956	1.83	-	49	1	3.28		
814	2.15	190	58	1	3.28		
726	2.41	195	65	1	3.28		
648	2.70	161	73	1	3.28		
593	2.95	124	80	1	3.28		
540	3.24	106	88	1	3.28		
492	3.56	99	96	1	3.28		
452	3.87	99	105	1	3.28		
416	4.21	191	114	1	3.28		
379	4.62	191	125	1	3.28		
344	5.08	303	137	1	3.28		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-130	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.75 (CONT.)	299	5.85	303	158	1	3.08	H_481GH80F4
	276	6.33	627	171	1	2.95	
	250	7.00	627	189	1	2.79	
	214	8.17	711	221	1	2.52	
	193	9.09	711	246	1	2.31	
	175	10.00	826	270	1	2.21	
	155	11.30	826	305	1	1.60	
	258	6.79	904	183	2	3.28	H_482GH80F4
	160	10.93	937	295	2	3.28	
	143	12.25	937	331	2	3.28	
	131	13.38	937	361	2	3.28	
	119	14.68	937	397	2	3.28	
	108	16.17	937	437	2	3.28	
	100	17.55	1142	474	2	3.28	
	91	19.13	1142	517	2	3.28	
	84	20.95	1142	566	2	3.28	
	76	23.07	1142	623	2	3.28	
	66	26.53	1142	717	2	3.28	
	61	28.74	1517	776	2	3.28	
	55	31.77	1517	858	2	3.20	
	47	37.06	1517	1001	2	2.89	
	42	41.26	1517	1114	2	2.69	
	39	45.38	1884	1226	2	2.55	
	34	51.28	1884	1385	2	2.49	
	49	35.59	1517	961	3	3.28	H_483GH80F4
	42	41.38	1517	1118	3	3.28	
	38	45.91	1884	1240	3	3.21	
	35	50.00	1884	1351	3	2.95	
	31	55.92	1884	1510	3	2.64	
	29	61.14	1884	1651	3	2.41	
	26	67.10	1884	1813	3	2.20	
	24	73.99	1986	1998	3	1.99	
	21	82.02	1986	2215	3	1.80	
	19	92.91	1986	2510	3	1.59	
17	102.52	1986	2769	3	1.44		
15	115.91	1986	3131	3	1.27		
13	132.34	1986	3575	3	1.11		
858	2.04	140	55	1	3.28	H_681GH80F4	
732	2.39	111	65	1	3.28		
614	2.85	52	77	1	3.28		
566	3.09	52	83	1	3.28		
507	3.45	68	93	1	3.28		
468	3.74	73	101	1	3.28		
413	4.24	160	115	1	3.28		
384	4.56	160	123	1	3.28		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-170	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.75 (CONT.)	355	4.93	453	133	1	3.28	H_681GH80F4
	326	5.36	453	145	1	3.28	
	296	5.92	453	160	1	3.28	
	273	6.42	657	173	1	3.28	
	242	7.23	657	195	1	3.09	
	221	7.92	1078	214	1	2.92	
	198	8.82	1078	238	1	2.75	
	174	10.08	1366	272	1	2.51	
	157	11.18	1366	302	1	2.33	
	141	12.40	1366	335	1	2.04	
	346	5.06	1466	137	2	3.28	
	295	5.93	1466	160	2	3.28	
	180	9.73	1057	263	2	3.28	
	154	11.40	962	308	2	3.28	
	129	13.59	962	367	2	3.28	
	119	14.74	962	398	2	3.28	
	106	16.45	962	444	2	3.28	
	98	17.82	1306	481	2	3.28	
	87	20.20	1306	546	2	3.28	
	80	21.76	1306	588	2	3.28	
	74	23.53	1306	636	2	3.28	
	68	25.55	1306	690	2	3.28	
	62	28.25	1940	763	2	3.28	
	57	30.60	1940	827	2	3.28	
	51	34.49	1940	931	2	3.28	
	46	37.76	1940	1020	2	3.28	
	42	42.06	1940	1136	2	3.15	
	36	48.09	2765	1299	2	2.88	
	46	37.80	1940	1021	3	3.28	H_683GH80F4
	39	45.41	2765	1227	3	3.28	
	33	53.47	2765	1444	3	3.28	
	29	59.91	2765	1618	3	3.28	
	26	67.14	2765	1814	3	3.28	
	24	73.30	3091	1980	3	3.28	
	22	80.46	3091	2173	3	3.25	
	20	88.59	3091	2393	3	2.96	
18	96.16	3091	2597	3	2.72		
17	104.80	3091	2831	3	2.50		
15	114.78	3170	3100	3	2.28		
14	126.41	3170	3415	3	2.07		
12	145.38	3170	3927	3	1.80		
11	157.50	3170	4254	3	1.66		
10	174.08	3170	4702	3	1.51		
9	203.09	3170	5486	3	1.29		
8	226.07	3170	6106	3	1.16		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-210	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.75 (CONT.)	7	248.68	3170	6717	3	1.05	H_683GH80F4
	35	49.42	4856	1335	3	3.28	H_883GH80F4
	30	57.93	4856	1565	3	3.28	
	25	69.05	4856	1865	3	3.28	
	23	74.88	4856	2023	3	3.28	
	21	83.58	4856	2258	3	3.28	
	19	90.53	4856	2445	3	3.28	
	17	102.61	4856	2772	3	3.28	
	16	110.54	4856	2986	3	3.28	
	15	119.52	4856	3228	3	3.28	
	13	129.79	4856	3506	3	3.28	
	12	143.50	4856	3876	3	3.28	
	11	155.46	4856	4199	3	3.28	
	10	175.18	4856	4732	3	3.15	
	9	191.80	4856	5181	3	2.87	
	8	213.64	4856	5770	3	2.57	
7	244.29	4856	6598	3	2.25		
6	270.90	4856	7317	3	2.03		
6	300.41	4856	8114	3	1.83		
1	1101	1.59	-	57	1	2.46	H_381GH80G4
	946	1.85	-	67	1	2.46	
	854	2.05	-	74	1	2.46	
	781	2.24	50	81	1	2.46	
	700	2.50	102	90	1	2.46	
	641	2.73	102	98	1	2.46	
	583	3.00	211	108	1	2.46	
	529	3.31	269	119	1	2.46	
	477	3.67	258	132	1	2.34	
	422	4.15	371	149	1	2.18	
	382	4.58	371	165	1	2.06	
	338	5.18	543	187	1	1.92	
	296	5.92	543	213	1	1.77	
	260	6.73	583	242	1	1.62	
	243	7.20	583	259	1	1.30	
	367	4.77	518	172	2	2.46	H_382GH80G4
	315	5.55	518	200	2	2.46	
	284	6.16	518	222	2	2.46	
	261	6.71	518	242	2	2.45	
	233	7.50	279	270	2	2.46	
233	7.52	279	271	2	2.46		
200	8.75	279	315	2	2.46		
180	9.70	279	349	2	2.46		
166	10.57	279	381	2	2.45		
148	11.82	416	426	2	2.46		
135	12.92	416	465	2	2.46		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
1 (CONT.)	123	14.18	416	511	2	2.46	H_382GH80G4	
	112	15.64	416	563	2	2.46		
	101	17.33	416	624	2	2.46		
	89	19.64	546	707	2	2.46		
	81	21.67	546	780	2	2.37		
	71	24.50	546	882	2	2.21		
	63	27.97	881	1007	2	1.93		
	55	31.80	881	1145	2	1.70		
	51	34.04	881	1226	2	1.59		
	45	39.24	881	1413	2	1.38		
	57	30.74	881	1107	3	1.72		H_383GH80G4
	52	33.82	881	1218	3	1.60		
	45	39.28	881	1415	3	1.38		
	41	42.53	881	1532	3	1.27		
	36	48.10	1117	1732	3	1.12		
	33	52.86	1117	1904	3	1.02		
	1151	1.52	-	-	55	1	2.46	H_481GH80G4
	956	1.83	-	-	66	1	2.46	
	814	2.15	190	77	77	1	2.46	
	726	2.41	195	87	87	1	2.46	
	648	2.70	161	97	97	1	2.46	
	593	2.95	124	106	106	1	2.46	
	540	3.24	106	117	117	1	2.46	
	492	3.56	99	128	128	1	2.46	
	452	3.87	99	139	139	1	2.46	
	416	4.21	191	152	152	1	2.46	
	379	4.62	191	166	166	1	2.46	
	344	5.08	303	183	183	1	2.46	
	299	5.85	303	211	211	1	2.31	
	276	6.33	627	228	228	1	2.21	
	250	7.00	627	252	252	1	2.09	
	214	8.17	711	294	294	1	1.89	
	193	9.09	711	327	327	1	1.73	
	175	10.00	826	360	360	1	1.66	
	155	11.30	826	407	407	1	1.20	
	409	4.28	896	154	154	2	2.46	H_482GH80G4
	340	5.15	904	185	185	2	2.46	
	289	6.06	904	218	218	2	2.46	
	258	6.79	904	245	245	2	2.45	
	254	6.90	904	248	248	2	2.46	
	211	8.29	919	298	298	2	2.05	
	179	9.76	919	351	351	2	2.46	
160	10.93	937	394	394	2	2.46		
143	12.25	937	441	441	2	2.46		
131	13.38	937	482	482	2	2.46		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-132	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1 (CONT.)	119	14.68	937	529	2	2.46	H_482GH80G4
	108	16.17	937	582	2	2.46	
	100	17.55	1142	632	2	2.46	
	91	19.13	1142	689	2	2.46	
	84	20.95	1142	754	2	2.46	
	76	23.07	1142	831	2	2.46	
	66	26.53	1142	956	2	2.46	
	61	28.74	1517	1035	2	2.46	
	55	31.77	1517	1144	2	2.40	
	47	37.06	1517	1335	2	2.17	
	42	41.26	1517	1486	2	2.02	
	39	45.38	1884	1634	2	1.91	
	34	51.28	1884	1847	2	1.87	
	49	35.59	1517	1282	3	2.46	
	42	41.38	1517	1490	3	2.46	
	38	45.91	1884	1654	3	2.41	
	35	50.00	1884	1801	3	2.21	
	31	55.92	1884	2014	3	1.98	
	29	61.14	1884	2202	3	1.81	
	26	67.10	1884	2417	3	1.65	
	24	73.99	1986	2665	3	1.49	
	21	82.02	1986	2954	3	1.35	
	19	92.91	1986	3346	3	1.19	
	17	102.52	1986	3692	3	1.08	
	858	2.04	140	73	1	2.46	H_681GH80G4
	732	2.39	111	86	1	2.46	
	614	2.85	52	103	1	2.46	
	566	3.09	52	111	1	2.46	
	507	3.45	68	124	1	2.46	
	468	3.74	73	135	1	2.46	
	413	4.24	160	153	1	2.46	
	384	4.56	160	164	1	2.46	
	355	4.93	453	178	1	2.46	
	326	5.36	453	193	1	2.46	
	296	5.92	453	213	1	2.46	
	273	6.42	657	231	1	2.46	
242	7.23	657	260	1	2.32		
221	7.92	1078	285	1	2.19		
198	8.82	1078	318	1	2.06		
174	10.08	1366	363	1	1.88		
157	11.18	1366	403	1	1.75		
141	12.40	1366	447	1	1.53		
346	5.06	1466	182	2	2.46	H_682GH80G4	
295	5.93	1466	214	2	2.45		
180	9.73	1057	350	2	2.46		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-172	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
1 (CONT.)	153	11.40	962	411	2	2.46	H_682GH80G4	
	129	13.59	962	490	2	2.46		
	119	14.74	962	531	2	2.46		
	106	16.45	962	593	2	2.46		
	98	17.82	1306	642	2	2.46		
	87	20.20	1306	727	2	2.46		
	80	21.76	1306	784	2	2.46		
	74	23.53	1306	847	2	2.46		
	68	25.55	1306	920	2	2.46		
	62	28.25	1940	1017	2	2.46		
	57	30.60	1940	1102	2	2.46		
	51	34.49	1940	1242	2	2.46		
	46	37.76	1940	1360	2	2.46		
	42	42.06	1940	1515	2	2.36		
	36	48.09	2765	1732	2	2.16		
	46	37.80	1940	1361	3	2.46		H_683GH80G4
	39	45.41	2765	1635	3	2.46		
	33	53.47	2765	1926	3	2.46		
	29	59.91	2765	2158	3	2.46		
	26	67.14	2765	2418	3	2.46		
	24	73.30	3091	2640	3	2.46		
	22	80.46	3091	2898	3	2.44		
	20	88.59	3091	3191	3	2.22		
	18	96.16	3091	3463	3	2.04		
	17	104.80	3091	3774	3	1.88		
	15	114.78	3170	4134	3	1.71		
	14	126.41	3170	4553	3	1.56		
	12	145.38	3170	5236	3	1.35		
	11	157.50	3170	5672	3	1.25		
	10	174.08	3170	6269	3	1.13		
	35	49.42	4856	1780	3	2.46	H_883GH80G4	
	30	57.93	4856	2086	3	2.46		
	25	69.05	4856	2487	3	2.46		
	23	74.88	4856	2697	3	2.46		
	21	83.58	4856	3010	3	2.46		
	19	90.53	4856	3260	3	2.46		
	17	102.61	4856	3695	3	2.46		
	16	110.54	4856	3981	3	2.46		
	15	119.52	4856	4304	3	2.46		
	13	129.79	4856	4674	3	2.46		
	12	143.50	4856	5168	3	2.46		
	11	155.46	4856	5599	3	2.46		
10	175.18	4856	6309	3	2.36			
9	191.80	4856	6907	3	2.15			
8	213.64	4856	7694	3	1.93			

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1 (CONT.)	7	244.29	4856	8798	3	1.69	H_883GH80G4
	6	270.90	4856	9756	3	1.52	
	6	300.41	4856	10819	3	1.37	
	24	71.59	7343	2578	3	2.46	H_1083GH80G4
	21	82.14	7343	2958	3	2.46	
	18	96.94	7343	3491	3	2.46	
	17	105.08	7343	3784	3	2.46	
	15	116.83	7343	4207	3	2.46	
	14	126.90	7343	4570	3	2.46	
	12	140.37	7343	5055	3	2.46	
	12	150.70	7343	5427	3	2.46	
	11	162.40	7343	5849	3	2.46	
	10	175.78	7343	6330	3	2.46	
	9	191.21	7343	6886	3	2.46	
	8	209.21	7343	7535	3	2.46	
	7	235.19	7343	8470	3	2.46	
	7	256.86	7343	9251	3	2.46	
	6	284.73	7343	10254	3	2.37	
	5	325.21	7343	11712	3	2.17	
5	359.30	7343	12940	3	2.03		
1.5	1100	1.59	-	86	1	3.23	H_381GH90H4
	946	1.85	-	100	1	3.06	
	853	2.05	-	111	1	2.95	
	783	2.24	50	121	1	2.95	
	700	2.50	102	135	1	2.71	
	640	2.73	102	148	1	2.60	
	583	3.00	211	162	1	2.48	
	529	3.31	269	179	1	2.48	
	477	3.67	258	198	1	2.37	
	421	4.15	371	224	1	2.11	
	382	4.58	371	248	1	2.01	
	338	5.18	543	280	1	1.87	
	296	5.92	543	320	1	1.87	
	260	6.73	583	363	1	1.47	
	367	4.77	518	258	2	3.33	H_382GH90H4
	315	5.55	518	300	2	3.33	
	284	6.16	518	333	2	3.33	
	261	6.71	518	362	2	3.33	
	233	7.50	279	405	2	3.17	
233	7.52	279	406	2	3.34		
200	8.75	279	472	2	3.33		
180	9.70	279	524	2	3.24		
166	10.57	279	571	2	3.06		
148	11.82	416	638	2	2.84		
135	12.92	416	698	2	2.67		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-252	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1.5 (CONT.)	123	14.18	416	766	2	2.51	H_382GH90H4
	112	15.64	416	845	2	2.30	
	101	17.33	416	936	2	2.08	
	89	19.64	546	1061	2	1.84	
	81	21.67	546	1170	2	1.66	
	71	24.50	546	1323	2	1.47	
	63	27.97	881	1511	2	1.29	
	55	31.80	881	1718	2	1.13	
	51	34.04	881	1839	2	1.06	
	57	30.74	881	1661	3	1.15	
	52	33.82	881	1827	3	1.07	
	1151	1.52	-	82	1	3.34	H_481GH90H4
	958	1.83	-	99	1	3.34	
	814	2.15	190	116	1	3.34	
	726	2.41	195	130	1	3.34	
	648	2.70	161	146	1	3.24	
	594	2.95	124	159	1	3.24	
	541	3.24	106	175	1	3.13	
	491	3.56	99	192	1	2.88	
	453	3.87	99	209	1	2.88	
	415	4.21	191	228	1	2.65	
	379	4.62	191	249	1	2.65	
	344	5.08	303	275	1	2.41	
	299	5.85	303	316	1	2.41	
	276	6.33	627	342	1	2.15	
	250	7.00	627	378	1	2.03	
	214	8.17	711	441	1	2.03	
	193	9.09	711	491	1	1.15	
	175	10.00	826	540	1	1.31	
	409	4.28	896	231	2	3.34	H_482GH90H4
	340	5.15	904	278	2	3.34	
	289	6.06	904	327	2	3.34	
	258	6.79	904	367	2	3.33	
	254	6.90	904	373	2	3.33	
	211	8.29	919	448	2	3.33	
	179	9.76	919	527	2	3.34	
160	10.93	937	591	2	3.34		
143	12.25	937	662	2	3.34		
131	13.38	937	723	2	3.33		
119	14.68	937	793	2	3.34		
108	16.17	937	873	2	3.33		
100	17.55	1142	948	2	3.24		
91	19.13	1142	1033	2	3.10		
84	20.95	1142	1132	2	2.96		
76	23.07	1142	1246	2	2.82		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-132	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1.5 (CONT.)	66	26.53	1142	1433	2	2.62	H_482GH90H4
	61	28.74	1517	1553	2	2.51	
	55	31.77	1517	1716	2	2.32	
	47	37.06	1517	2002	2	1.99	
	42	41.26	1517	2229	2	1.79	
	39	45.38	1884	2452	2	1.62	
	49	35.59	1517	1922	3	2.07	H_483GH90H4
	42	41.38	1517	2235	3	1.78	
	38	45.91	1884	2480	3	1.61	
	35	50.00	1884	2701	3	1.47	
	31	55.92	1884	3021	3	1.32	
	29	61.14	1884	3303	3	1.21	
	26	67.10	1884	3625	3	1.10	
	24	73.99	1986	3997	3	1.00	
	858	2.04	140	110	1	3.34	H_681GH90H4
	732	2.39	111	129	1	3.34	
	614	2.85	52	154	1	3.34	
	566	3.09	52	167	1	3.24	
	507	3.45	68	186	1	3.10	
	468	3.74	73	202	1	3.10	
	413	4.24	160	229	1	2.99	
	384	4.56	160	246	1	2.71	
	355	4.93	453	267	1	2.60	
	327	5.36	453	289	1	2.60	
	295	5.92	453	320	1	2.35	
	273	6.42	657	347	1	2.35	
	242	7.23	657	391	1	2.10	
	221	7.92	1078	428	1	2.10	
	198	8.82	1078	476	1	2.00	
	174	10.08	1366	545	1	1.54	
157	11.18	1366	604	1	1.35		
141	12.40	1366	670	1	1.07		
346	5.06	1466	273	2	3.34	H_682GH90H4	
295	5.93	1466	320	2	3.34		
180	9.73	1057	526	2	3.33		
153	11.40	962	616	2	3.34		
129	13.59	962	734	2	3.34		
119	14.74	962	796	2	3.34		
106	16.45	962	889	2	3.33		
98	17.82	1306	963	2	3.33		
87	20.20	1306	1091	2	3.29		
80	21.76	1306	1175	2	3.17		
74	23.53	1306	1271	2	3.04		
68	25.55	1306	1380	2	2.91		
62	28.25	1940	1526	2	2.75		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-172	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1.5 (CONT.)	57	30.60	1940	1653	2	2.63	H_682GH90H4
	51	34.49	1940	1863	2	2.46	
	46	37.76	1940	2040	2	2.34	
	42	42.06	1940	2272	2	2.19	
	36	48.09	2765	2598	2	2.03	
	H_683GH90H4	46	37.80	1940	2042	3	3.34
		39	45.41	2765	2453	3	2.89
		33	53.47	2765	2888	3	2.45
		29	59.91	2765	3236	3	2.19
		26	67.14	2765	3627	3	1.95
		24	73.30	3091	3960	3	1.79
		22	80.46	3091	4346	3	1.63
		20	88.59	3091	4786	3	1.48
		18	96.16	3091	5195	3	1.36
		17	104.80	3091	5662	3	1.25
		15	114.78	3170	6200	3	1.14
		14	126.41	3170	6829	3	1.04
		H_881GH90H4	185	9.46	1690	511	1
	169		10.33	1882	558	1	2.14
	H_882GH90H4	137	12.75	2954	689	2	3.34
		120	14.63	2954	791	2	3.34
		101	17.27	2954	933	2	3.34
		93	18.72	3437	1011	2	3.34
		84	20.81	3437	1124	2	3.34
		77	22.61	3437	1221	2	3.34
		70	25.01	3437	1351	2	3.34
		65	26.85	3437	1450	2	3.34
		60	28.93	4471	1563	2	3.22
		56	31.32	4471	1692	2	3.09
		51	34.07	4471	1840	2	2.94
		47	37.27	4471	2014	2	2.80
		42	41.90	4471	2264	2	2.63
		38	45.76	4856	2472	2	2.50
		34	50.73	4856	2740	2	2.35
	H_883GH90H4	35	49.42	4856	2670	3	3.34
		30	57.93	4856	3130	3	3.34
		25	69.05	4856	3730	3	3.34
		23	74.88	4856	4045	3	3.34
		21	83.58	4856	4515	3	3.29
		19	90.53	4856	4891	3	3.04
		17	102.61	4856	5543	3	2.68
		16	110.54	4856	5971	3	2.49
15		119.52	4856	6457	3	2.30	
13		129.79	4856	7011	3	2.12	
12		143.50	4856	7752	3	1.92	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1.5 (CONT.)	11	155.46	4856	8398	3	1.77	H_883GH90H4
	10	175.18	4856	9463	3	1.57	
	9	191.80	4856	10361	3	1.44	
	8	213.64	4856	11541	3	1.29	
	7	244.29	4856	13197	3	1.13	
	6	270.90	4856	14634	3	1.02	
	24	71.59	7343	3867	3	3.34	H_1083GH90H4
	21	82.14	7343	4437	3	3.34	
	18	96.94	7343	5237	3	3.34	
	17	105.08	7343	5676	3	3.34	
	15	116.83	7343	6311	3	3.34	
	14	126.90	7343	6855	3	3.34	
	12	140.37	7343	7583	3	3.34	
	12	150.70	7343	8141	3	3.34	
	11	162.40	7343	8773	3	3.13	
	10	175.78	7343	9496	3	2.89	
	9	191.21	7343	10329	3	2.66	
	8	209.21	7343	11302	3	2.43	
	7	235.19	7343	12705	3	2.16	
	7	256.86	7343	13876	3	1.98	
	6	284.73	7343	15381	3	1.78	
	5	325.21	7343	17569	3	1.56	
	5	359.30	7343	19410	3	1.41	
	22	78.06	8992	4217	3	3.34	H_1283GH90H4
	20	88.46	8992	4779	3	3.34	
	17	103.80	8992	5608	3	3.34	
	15	113.24	8992	6117	3	3.34	
	14	123.53	8992	6673	3	3.34	
13	133.30	8992	7201	3	3.34		
12	148.99	8992	8048	3	3.34		
11	159.60	8992	8622	3	3.34		
10	171.62	8992	9271	3	3.21		
9	185.36	8992	10014	3	3.07		
9	201.22	8992	10870	3	2.93		
8	219.72	8992	11869	3	2.79		
7	245.93	8992	13286	3	2.62		
7	268.16	8992	14486	3	2.49		
2	1100	1.59	-	115	1	2.42	H_381GH90I4
	946	1.85	-	133	1	2.30	
	853	2.05	-	148	1	2.21	
	783	2.24	50	161	1	2.13	
	700	2.50	102	180	1	2.03	
	640	2.73	102	197	1	1.95	
	583	3.00	211	216	1	1.86	
	529	3.31	269	238	1	1.77	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-252	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
2 (CONT.)	477	3.67	258	264	1	1.68	H_381GH90I4
	421	4.15	371	299	1	1.58	
	382	4.58	371	330	1	1.50	
	338	5.18	543	373	1	1.40	
	296	5.92	543	426	1	1.10	
	367	4.77	518	344	2	2.50	H_382GH90I4
	315	5.55	518	400	2	2.50	
	284	6.16	518	444	2	2.50	
	261	6.71	518	483	2	2.49	
	233	7.50	279	540	2	2.38	
	233	7.52	279	542	2	2.50	
	200	8.75	279	630	2	2.50	
	180	9.70	279	699	2	2.43	
	166	10.57	279	761	2	2.30	
	148	11.82	416	851	2	2.13	
	135	12.92	416	931	2	2.01	
	123	14.18	416	1021	2	1.88	
	112	15.64	416	1126	2	1.73	
	101	17.33	416	1248	2	1.56	
	89	19.64	546	1414	2	1.38	
	81	21.67	546	1561	2	1.25	
	71	24.50	546	1764	2	1.10	
	1151	1.52	-	109	1	2.50	H_481GH90I4
	958	1.83	-	132	1	2.50	
	814	2.15	190	155	1	2.50	
	726	2.41	195	174	1	2.50	
	648	2.70	161	194	1	2.43	
	594	2.95	124	212	1	2.35	
	541	3.24	106	233	1	2.26	
	491	3.56	99	257	1	2.16	
	453	3.87	99	279	1	2.08	
	415	4.21	191	304	1	1.99	
379	4.62	191	332	1	1.90		
344	5.08	303	366	1	1.81		
299	5.85	303	421	1	1.68		
276	6.33	627	456	1	1.61		
250	7.00	627	504	1	1.52		
214	8.17	711	588	1	1.28		
409	4.28	896	309	2	2.51	H_482GH90I4	
340	5.15	904	371	2	2.50		
289	6.06	904	436	2	2.50		
258	6.79	904	489	2	2.50		
254	6.90	904	497	2	2.50		
211	8.29	919	597	2	2.50		
179	9.76	919	703	2	2.50		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-130	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
2 (CONT.)	160	10.93	937	788	2	2.50	H_482GH9014
	143	12.25	937	883	2	2.50	
	131	13.38	937	963	2	2.50	
	119	14.68	937	1058	2	2.50	
	108	16.17	937	1165	2	2.50	
	100	17.55	1142	1264	2	2.43	
	91	19.13	1142	1378	2	2.33	
	84	20.95	1142	1509	2	2.22	
	76	23.07	1142	1662	2	2.11	
	66	26.53	1142	1911	2	1.96	
	61	28.74	1517	2070	2	1.89	
	55	31.77	1517	2288	2	1.74	
	47	37.06	1517	2670	2	1.49	
	42	41.26	1517	2972	2	1.34	
	39	45.38	1884	3269	2	1.22	
	49	35.59	1517	2563	3	1.55	H_483GH9014
	42	41.38	1517	2981	3	1.34	
	38	45.91	1884	3307	3	1.20	
	35	50.00	1884	3601	3	1.11	
	858	2.04	140	147	1	2.50	H_681GH9014
	732	2.39	111	172	1	2.50	
	614	2.85	52	205	1	2.50	
	566	3.09	52	223	1	2.43	
	507	3.45	68	249	1	2.32	
	468	3.74	73	269	1	2.24	
	413	4.24	160	305	1	2.11	
	384	4.56	160	329	1	2.03	
	355	4.93	453	355	1	1.95	
	327	5.36	453	386	1	1.87	
	295	5.92	453	427	1	1.76	
	273	6.42	657	462	1	1.69	
	242	7.23	657	521	1	1.58	
	221	7.92	1078	570	1	1.50	
	198	8.82	1078	635	1	1.40	
	174	10.08	1366	726	1	1.16	
	157	11.18	1366	805	1	1.01	
	346	5.06	1466	364	2	2.50	H_682GH9014
	295	5.93	1466	427	2	2.50	
	180	9.73	1057	701	2	2.50	
153	11.40	962	821	2	2.50		
129	13.59	962	979	2	2.50		
119	14.74	962	1062	2	2.50		
106	16.45	962	1185	2	2.50		
98	17.82	1306	1284	2	2.50		
87	20.20	1306	1455	2	2.47		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-172	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
2 (CONT.)	80	21.76	1306	1567	2	2.38	H_682GH90I4
	74	23.53	1306	1695	2	2.28	
	68	25.55	1306	1840	2	2.18	
	62	28.25	1940	2035	2	2.06	
	57	30.60	1940	2204	2	1.97	
	51	34.49	1940	2484	2	1.84	
	46	37.76	1940	2720	2	1.75	
	42	42.06	1940	3029	2	1.64	
	36	48.09	2765	3464	2	1.52	H_683GH90I4
	46	37.80	1940	2723	3	2.50	
	39	45.41	2765	3271	3	2.16	
	33	53.47	2765	3851	3	1.84	
	29	59.91	2765	4315	3	1.64	
	26	67.14	2765	4836	3	1.46	
	24	73.30	3091	5279	3	1.34	
	22	80.46	3091	5795	3	1.22	
	20	88.59	3091	6381	3	1.11	H_881GH90I4
	18	96.16	3091	6926	3	1.02	
	343	5.11	1221	368	1	2.34	
	310	5.65	1221	407	1	2.23	
	289	6.06	1221	437	1	2.15	
	268	6.53	1440	471	1	2.07	
	248	7.07	1440	509	1	1.98	
	228	7.69	1690	554	1	1.89	
	208	8.42	1690	606	1	1.80	H_882GH90I4
	185	9.46	1690	682	1	1.68	
	169	10.33	1882	744	1	1.61	
	137	12.75	2954	919	2	2.50	
	120	14.63	2954	1054	2	2.50	
	101	17.27	2954	1244	2	2.50	
	93	18.72	3437	1348	2	2.50	
	84	20.81	3437	1499	2	2.50	
	77	22.61	3437	1628	2	2.50	H_883GH90I4
	70	25.01	3437	1801	2	2.50	
	65	26.85	3437	1934	2	2.50	
	60	28.93	4471	2084	2	2.42	
56	31.32	4471	2256	2	2.31		
51	34.07	4471	2454	2	2.21		
47	37.27	4471	2685	2	2.10		
42	41.90	4471	3018	2	1.97		
38	45.76	4856	3296	2	1.88	H_883GH90I4	
34	50.73	4856	3654	2	1.76		
35	49.42	4856	3560	3	2.50		
	30	57.93	4856	4173	3	2.50	H_883GH90I4
	25	69.05	4856	4973	3	2.50	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

QUANTIS
QUANTIS GOLD
ILH
RHB
MSM

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
2 (CONT.)	23	74.88	4856	5394	3	2.50	H_883GH90I4
	21	83.58	4856	6020	3	2.47	
	19	90.53	4856	6521	3	2.28	
	17	102.61	4856	7391	3	2.01	
	16	110.54	4856	7962	3	1.87	
	15	119.52	4856	8609	3	1.73	
	13	129.79	4856	9348	3	1.59	
	12	143.50	4856	10336	3	1.44	
	11	155.46	4856	11197	3	1.33	
	10	175.18	4856	12618	3	1.18	
	9	191.80	4856	13815	3	1.08	
	24	71.59	7343	5156	3	2.50	H_1083GH90I4
	21	82.14	7343	5916	3	2.50	
	18	96.94	7343	6983	3	2.50	
	17	105.08	7343	7569	3	2.50	
	15	116.83	7343	8415	3	2.50	
	14	126.90	7343	9141	3	2.50	
	12	140.37	7343	10111	3	2.50	
	12	150.70	7343	10854	3	2.50	
	11	162.40	7343	11697	3	2.35	
	10	175.78	7343	12661	3	2.17	
	9	191.21	7343	13772	3	1.99	
	8	209.21	7343	15069	3	1.82	
	7	235.19	7343	16940	3	1.62	
	7	256.86	7343	18501	3	1.48	
	6	284.73	7343	20508	3	1.34	
	5	325.21	7343	23425	3	1.17	
	5	359.30	7343	25880	3	1.06	
	22	78.06	8992	5623	3	2.50	H_1283GH90I4
	20	88.46	8992	6371	3	2.50	
	17	103.80	8992	7477	3	2.50	
	15	113.24	8992	8156	3	2.50	
	14	123.53	8992	8897	3	2.50	
13	133.30	8992	9602	3	2.50		
12	148.99	8992	10731	3	2.50		
11	159.60	8992	11495	3	2.50		
10	171.62	8992	12362	3	2.41		
9	185.36	8992	13351	3	2.30		
9	201.22	8992	14493	3	2.20		
8	219.72	8992	15826	3	2.09		
7	245.93	8992	17714	3	1.96		
7	268.16	8992	19315	3	1.87		
3	1100	1.59	-	172	1	2.96	H_381GH100J4
	946	1.85	-	200	1	2.79	
	853	2.05	-	222	1	2.67	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-252	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	783	2.24	50	242	1	2.58	H_381GH100J4
	700	2.50	102	270	1	2.39	
	640	2.73	102	295	1	2.35	
	583	3.00	211	324	1	2.18	
	529	3.31	269	357	1	1.61	
	477	3.67	258	396	1	1.56	
	421	4.15	371	449	1	1.22	
	382	4.58	371	495	1	1.39	
	338	5.18	543	560	1	1.11	
	367	4.77	518	516	2	2.40	
	315	5.55	518	600	2	2.27	
	284	6.16	518	665	2	2.12	
	261	6.71	518	725	2	2.00	
	233	7.50	279	810	2	1.86	
	233	7.52	279	813	2	1.92	
	200	8.75	279	945	2	1.73	
	180	9.70	279	1048	2	1.62	
	166	10.57	279	1142	2	1.53	
	148	11.82	416	1277	2	1.42	
	135	12.92	416	1396	2	1.34	
	123	14.18	416	1532	2	1.26	
	112	15.64	416	1689	2	1.15	
	101	17.33	416	1873	2	1.04	
	1151	1.52	-	164	1	3.45	H_481GH100J4
	958	1.83	-	197	1	3.41	
	814	2.15	190	232	1	3.22	
	726	2.41	195	260	1	3.08	
	648	2.70	161	292	1	2.94	
	594	2.95	124	318	1	2.83	
	541	3.24	106	350	1	2.71	
	491	3.56	99	385	1	2.59	
	453	3.87	99	418	1	2.49	
	415	4.21	191	455	1	2.39	
379	4.62	191	499	1	2.30		
344	5.08	303	549	1	1.93		
299	5.85	303	632	1	1.68		
276	6.33	627	684	1	1.49		
250	7.00	627	756	1	1.14		
409	4.28	896	463	2	3.46	H_482GH100J4	
340	5.15	904	556	2	3.45		
289	6.06	904	655	2	3.45		
258	6.79	904	734	2	3.26		
254	6.90	904	745	2	3.45		
211	8.29	919	895	2	3.26		
179	9.76	919	1054	2	2.93		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-130	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	160	10.93	937	1181	2	2.72	H_482GH100J4
	143	12.25	937	1324	2	2.52	
	131	13.38	937	1445	2	2.37	
	119	14.68	937	1586	2	2.23	
	108	16.17	937	1747	2	2.09	
	100	17.55	1142	1896	2	1.97	
	91	19.13	1142	2066	2	1.86	
	84	20.95	1142	2263	2	1.75	
	76	23.07	1142	2493	2	1.60	
	66	26.53	1142	2867	2	1.39	
	61	28.74	1517	3106	2	1.28	
	55	31.77	1517	3432	2	1.16	
	49	35.59	1517	3845	3	1.04	H_483GH100J4
	1242	1.41	-	152	1	3.45	H_681GH100J4
	1029	1.70	-	184	1	3.45	
	858	2.04	140	220	1	3.45	
	732	2.39	111	258	1	3.30	
	614	2.85	52	308	1	3.08	
	566	3.09	52	334	1	2.97	
	507	3.45	68	373	1	2.82	
	468	3.74	73	404	1	2.72	
	413	4.24	160	458	1	2.55	
	384	4.56	160	493	1	2.45	
	355	4.93	453	533	1	2.35	
	327	5.36	453	579	1	2.26	
	296	5.92	453	640	1	2.15	
	273	6.42	657	693	1	2.07	
	242	7.23	657	781	1	1.70	
	221	7.92	1078	855	1	1.76	
	198	8.82	1078	953	1	1.39	
	501	3.49	1498	378	2	3.46	H_682GH100J4
	415	4.22	1473	456	2	3.45	
	346	5.06	1466	547	2	3.45	
295	5.93	1466	641	2	3.45		
260	6.72	1466	726	2	3.45		
216	8.11	1057	876	2	3.45		
180	9.73	1057	1051	2	3.45		
153	11.40	962	1232	2	3.45		
129	13.59	962	1469	2	3.45		
119	14.74	962	1593	2	3.45		
106	16.45	962	1778	2	3.32		
98	17.82	1306	1926	2	3.19		
87	20.20	1306	2182	2	2.99		
80	21.76	1306	2351	2	2.88		
74	23.53	1306	2542	2	2.76		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-172	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	68	25.55	1306	2760	2	2.57	H_682GH100J4
	62	28.25	1940	3052	2	2.32	
	57	30.60	1940	3306	2	2.14	
	51	34.49	1940	3726	2	1.90	
	46	37.76	1940	4079	2	1.74	
	42	42.06	1940	4544	2	1.56	
	46	37.80	1940	4084	3	1.73	H_683GH100J4
	39	45.41	2765	4906	3	1.44	
	33	53.47	2765	5777	3	1.23	
	29	59.91	2765	6473	3	1.09	
	268	6.53	1440	706	1	2.68	H_881GH100J4
	248	7.07	1440	764	1	2.58	
	228	7.69	1690	831	1	2.48	
	208	8.42	1690	909	1	2.38	
	185	9.46	1690	1022	1	1.82	
	169	10.33	1882	1116	1	1.82	
	295	5.94	2656	642	2	3.45	H_882GH100J4
	252	6.96	2656	752	2	3.45	
	189	9.26	2252	1000	2	3.45	
	161	10.85	2252	1172	2	3.45	
	137	12.75	2954	1378	2	3.45	
	120	14.63	2954	1581	2	3.45	
	101	17.27	2954	1866	2	3.45	
	93	18.72	3437	2023	2	3.45	
	84	20.81	3437	2249	2	3.45	
	77	22.61	3437	2443	2	3.45	
	70	25.01	3437	2702	2	3.38	
	65	26.85	3437	2901	2	3.19	
	60	28.93	4471	3126	2	3.00	
	56	31.32	4471	3384	2	2.82	
	51	34.07	4471	3681	2	2.62	
	47	37.27	4471	4027	2	2.43	
	42	41.90	4471	4527	2	2.20	
	38	45.76	4856	4944	2	2.04	
	34	50.73	4856	5481	2	1.86	
	51	34.14	4471	3688	3	3.45	H_883GH100J4
42	41.19	4471	4450	3	3.34		
35	49.42	4856	5340	3	2.79		
30	57.93	4856	6259	3	2.38		
25	69.05	4856	7460	3	1.99		
23	74.88	4856	8091	3	1.84		
21	83.58	4856	9031	3	1.65		
19	90.53	4856	9781	3	1.52		
17	102.61	4856	11086	3	1.34		
16	110.54	4856	11943	3	1.25		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	15	119.52	4856	12913	3	1.15	H_883GH100J4
	13	129.79	4856	14023	3	1.06	
	34	51.97	6261	5615	3	3.45	H_1083GH100J4
	29	60.90	6261	6580	3	3.45	
	24	71.59	7343	7735	3	3.45	
	21	82.14	7343	8874	3	3.09	
	18	96.94	7343	10474	3	2.62	
	17	105.08	7343	11353	3	2.42	
	15	116.83	7343	12622	3	2.17	
	14	126.90	7343	13711	3	2.00	
	12	140.37	7343	15166	3	1.81	
	12	150.70	7343	16282	3	1.69	
	11	162.40	7343	17546	3	1.56	
	10	175.78	7343	18991	3	1.44	
	9	191.21	7343	20659	3	1.33	
	8	209.21	7343	22604	3	1.21	
	7	235.19	7343	25410	3	1.08	
	30	57.56	7974	6219	3	3.45	H_1283GH100J4
	26	66.43	7974	7178	3	3.45	
	22	78.06	8992	8434	3	3.45	
	20	88.46	8992	9557	3	3.45	
	17	103.80	8992	11215	3	3.45	
	15	113.24	8992	12235	3	3.45	
	14	123.53	8992	13346	3	3.38	
	13	133.30	8992	14403	3	3.13	
	12	148.99	8992	16097	3	2.80	
	11	159.60	8992	17243	3	2.62	
	10	171.62	8992	18542	3	2.43	
	9	185.36	8992	20027	3	2.25	
	9	201.22	8992	21740	3	2.08	
8	219.72	8992	23739	3	1.90		
7	245.93	8992	26571	3	1.70		
7	268.16	8992	28972	3	1.56		
22	81.04	11827	8756	3	3.45	H_1483GH100J4	
19	92.91	11827	10039	3	3.45		
16	111.50	12725	12046	3	3.45		
14	123.37	12725	13330	3	3.45		
12	144.39	12725	15600	3	3.45		
11	156.38	12725	16895	3	3.45		
10	174.53	12725	18856	3	3.45		
9	185.03	12725	19991	3	3.34		
8	209.76	12725	22663	3	3.01		
8	224.43	12725	24249	3	2.85		
7	236.05	12725	25503	3	2.73		
7	254.70	12725	27519	3	2.55		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-252	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
	6	276.23	12725	29844	3	2.37	H_1483GH100J4
	6	301.34	12725	32558	3	2.17	
	5	336.11	12725	36314	3	1.95	
5	1151	1.52	-	274	1	2.53	H_481GH112L4
	958	1.83	-	329	1	2.37	
	814	2.15	190	387	1	2.22	
	726	2.41	195	434	1	2.11	
	648	2.70	161	486	1	2.01	
	594	2.95	124	531	1	1.93	
	541	3.24	106	583	1	1.84	
	491	3.56	99	642	1	1.76	
	453	3.87	99	696	1	1.70	
	415	4.21	191	759	1	1.64	
	379	4.62	191	831	1	1.38	
	344	5.08	303	915	1	1.16	
	299	5.85	303	1053	1	1.01	
	409	4.28	896	771	2	2.77	H_482GH112L4
	340	5.15	904	927	2	2.58	
	289	6.06	904	1091	2	2.19	
	258	6.79	904	1223	2	1.95	
	254	6.90	904	1242	2	2.21	
	211	8.29	919	1492	2	1.96	
	179	9.76	919	1757	2	1.76	
	160	10.93	937	1969	2	1.63	
	143	12.25	937	2207	2	1.51	
	131	13.38	937	2409	2	1.42	
	119	14.68	937	2644	2	1.34	
	108	16.17	937	2911	2	1.25	
	100	17.55	1142	3160	2	1.18	
	91	19.13	1142	3444	2	1.12	
	84	20.95	1142	3772	2	1.05	
	1242	1.41	-	254	1	2.77	H_681GH112L4
	1029	1.70	-	306	1	2.77	
	858	2.04	140	367	1	2.61	
	732	2.39	111	431	1	2.47	
	614	2.85	52	513	1	2.29	
	566	3.09	52	557	1	2.21	
	507	3.45	68	621	1	2.10	
	468	3.74	73	673	1	2.02	
413	4.24	160	763	1	1.89		
384	4.56	160	822	1	1.83		
355	4.93	453	888	1	1.76		
327	5.36	453	965	1	1.70		
296	5.92	453	1067	1	1.58		
273	6.42	657	1156	1	1.30		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-170	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
5 (CONT.)	242	7.23	657	1302	1	1.02	H_681GH112L4
	221	7.92	1078	1426	1	1.06	
	501	3.49	1498	629	2	2.78	H_682GH112L4
	415	4.22	1473	759	2	2.77	
	346	5.06	1466	911	2	2.77	
	295	5.93	1466	1068	2	2.77	
	260	6.72	1466	1210	2	2.77	
	216	8.11	1057	1460	2	2.77	
	180	9.73	1057	1752	2	2.77	
	153	11.40	962	2054	2	2.77	
	129	13.59	962	2448	2	2.75	
	119	14.74	962	2654	2	2.65	
	106	16.45	962	2963	2	2.39	
	98	17.82	1306	3209	2	2.21	
	87	20.20	1306	3637	2	1.95	
	80	21.76	1306	3918	2	1.81	
	74	23.53	1306	4237	2	1.67	
	68	25.55	1306	4601	2	1.54	
	62	28.25	1940	5087	2	1.39	
	57	30.60	1940	5511	2	1.29	
	51	34.49	1940	6210	2	1.14	
	46	37.76	1940	6799	2	1.04	
	449	3.90	690	702	1	2.53	H_881GH112L4
	414	4.23	783	761	1	2.44	
	372	4.70	783	846	1	2.32	
	343	5.11	1221	919	1	2.23	
	310	5.65	1221	1017	1	2.13	
	289	6.06	1221	1092	1	2.06	
	268	6.53	1440	1177	1	1.99	
	248	7.07	1440	1273	1	1.93	
	228	7.69	1690	1385	1	1.57	
	208	8.42	1690	1516	1	1.43	
185	9.46	1690	1704	1	1.09		
169	10.33	1882	1861	1	1.09		
359	4.87	2656	877	2	2.77	H_882GH112L4	
295	5.94	2656	1069	2	2.77		
252	6.96	2656	1253	2	2.77		
231	7.59	2252	1367	2	2.77		
189	9.26	2252	1667	2	2.77		
161	10.85	2252	1954	2	2.77		
137	12.75	2954	2297	2	2.77		
120	14.63	2954	2635	2	2.77		
101	17.27	2954	3110	2	2.77		
93	18.72	3437	3371	2	2.77		
84	20.81	3437	3748	2	2.77		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-210	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
5 (CONT.)	77	22.61	3437	4071	2	2.68	H_882GH112L4
	70	25.01	3437	4503	2	2.55	
	65	26.85	3437	4835	2	2.47	
	60	28.93	4471	5210	2	2.39	
	56	31.32	4471	5639	2	2.31	
	51	34.07	4471	6134	2	2.19	
	47	37.27	4471	6712	2	2.03	
	42	41.90	4471	7545	2	1.84	
	38	45.76	4856	8240	2	1.70	H_883GH112L4
	51	34.14	4471	6147	3	2.42	
	42	41.19	4471	7416	3	2.00	
	35	49.42	4856	8900	3	1.67	
	30	57.93	4856	10432	3	1.43	
	25	69.05	4856	12433	3	1.20	
	23	74.88	4856	13484	3	1.10	H_1082GH112L4
	246	7.10	3705	1279	2	2.77	
	164	10.67	3705	1921	2	2.77	
	138	12.68	4037	2282	2	2.77	
	120	14.63	4037	2634	2	2.77	
	102	17.19	4037	3095	2	2.77	
	90	19.48	4288	3507	2	2.77	
	77	22.86	4288	4116	2	2.77	
	70	24.94	4288	4490	2	2.77	
	64	27.20	4288	4898	2	2.77	
	60	29.35	5138	5286	2	2.69	
	53	32.81	5138	5908	2	2.54	
	50	35.14	5138	6328	2	2.46	
	46	37.79	5138	6805	2	2.38	
	43	40.82	5138	7350	2	2.30	
	39	44.31	6261	7979	2	2.22	
	36	48.38	6261	8712	2	2.07	H_1083GH112L4
	41	42.61	5138	7673	3	2.77	
	34	51.97	6261	9359	3	2.77	
	29	60.90	6261	10966	3	2.50	
	24	71.59	7343	12891	3	2.13	
	21	82.14	7343	14790	3	1.86	
	18	96.94	7343	17457	3	1.57	
	17	105.08	7343	18922	3	1.45	
	15	116.83	7343	21037	3	1.30	
	14	126.90	7343	22851	3	1.20	
	12	140.37	7343	25277	3	1.09	H_1283GH112L4
	36	48.44	7974	8723	3	2.77	
30	57.56	7974	10365	3	2.77		
26	66.43	7974	11963	3	2.77		
22	78.06	8992	14056	3	2.77		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-252	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
5 (CONT.)	20	88.46	8992	15929	3	2.77	H_1283GH112L4
	17	103.80	8992	18692	3	2.42	
	15	113.24	8992	20391	3	2.21	
	14	123.53	8992	22243	3	2.03	
	13	133.30	8992	24004	3	1.88	
	12	148.99	8992	26828	3	1.68	
	11	159.60	8992	28739	3	1.57	
	10	171.62	8992	30904	3	1.46	
	9	185.36	8992	33378	3	1.35	
	9	201.22	8992	36233	3	1.25	
	8	219.72	8992	39564	3	1.14	
	25	69.36	11827	12489	3	2.77	H_1483GH112L4
	22	81.04	11827	14593	3	2.77	
	19	92.91	11827	16731	3	2.77	
	16	107.42	12725	19344	3	2.77	
	16	111.50	12725	20077	3	2.77	
	14	123.37	12725	22216	3	2.77	
	12	144.39	12725	26001	3	2.72	
	11	156.38	12725	28159	3	2.51	
	10	174.53	12725	31427	3	2.25	
9	185.03	12725	33319	3	2.13		
8	209.76	12725	37771	3	1.87		
8	224.43	12725	40414	3	1.75		
7	236.05	12725	42506	3	1.67		
7	254.70	12725	45865	3	1.54		
6	276.23	12725	49741	3	1.42		
6	301.34	12725	54263	3	1.30		
5	336.11	12725	60524	3	1.17		
7.5	1242	1.41	-	381	1	2.98	H_681GH132M4
	1029	1.70	-	459	1	2.81	
	858	2.04	140	551	1	2.63	
	732	2.39	111	646	1	2.46	
	614	2.85	52	770	1	2.27	
	566	3.09	52	835	1	2.19	
	507	3.45	68	932	1	2.08	
	468	3.74	73	1009	1	2.01	
	413	4.24	160	1144	1	1.78	
	384	4.56	160	1232	1	1.58	
	355	4.93	453	1333	1	1.49	
	327	5.36	453	1447	1	1.35	
	295	5.92	453	1600	1	1.05	
	501	3.49	1498	944	2	3.55	
	415	4.22	1473	1139	2	3.33	
	346	5.06	1466	1367	2	3.10	
	295	5.93	1466	1602	2	2.71	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-292	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
7.5 (CONT.)	260	6.72	1466	1815	2	3.29	H_682GH132M4
	216	8.11	1057	2190	2	3.00	
	180	9.73	1057	2628	2	2.69	
	153	11.40	962	3080	2	2.30	
	129	13.59	962	3671	2	1.93	
	119	14.74	962	3982	2	1.78	
	106	16.45	962	4444	2	1.59	
	98	17.82	1306	4814	2	1.47	
	87	20.20	1306	5456	2	1.30	
	80	21.76	1306	5877	2	1.20	
	74	23.53	1306	6355	2	1.11	
	68	25.55	1306	6901	2	1.03	
	414	4.23	783	1142	1	2.38	H_881GH132M4
	372	4.70	783	1270	1	2.26	
	343	5.11	1221	1379	1	2.18	
	310	5.65	1221	1525	1	1.86	
	289	6.06	1221	1638	1	1.51	
	268	6.53	1440	1765	1	1.50	
	247	7.07	1440	1910	1	1.34	
	228	7.69	1690	2078	1	1.04	
	359	4.87	2656	1315	2	4.02	H_882GH132M4
	295	5.94	2656	1604	2	3.82	
	252	6.96	2656	1879	2	3.62	
	231	7.59	2252	2051	2	4.03	
	189	9.26	2252	2501	2	3.82	
	161	10.85	2252	2931	2	3.62	
	137	12.75	2954	3445	2	3.41	
	120	14.63	2954	3953	2	3.21	
	101	17.27	2954	4665	2	2.97	
	93	18.72	3437	5057	2	2.86	
	84	20.81	3437	5622	2	2.64	
	77	22.61	3437	6107	2	2.43	
	70	25.01	3437	6755	2	2.20	
	65	26.85	3437	7252	2	2.05	
	60	28.93	4471	7815	2	1.90	
	56	31.32	4471	8459	2	1.76	
	51	34.07	4471	9201	2	1.62	
	47	37.27	4471	10068	2	1.48	
	51	34.14	4471	9221	3	1.61	H_883GH132M4
	42	41.19	4471	11125	3	1.34	
	35	49.42	4856	13349	3	1.11	
	318	5.51	3312	1488	2	4.36	H_1082GH132M4
273	6.41	3312	1731	2	4.36		
246	7.10	3705	1918	2	4.37		
212	8.27	3705	2234	2	4.37		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-212	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

SELECTION



IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
7.5 (CONT.)	182	9.62	3705	2600	2	4.37	H_1082GH132M4
	164	10.67	3705	2881	2	4.36	
	138	12.68	4037	3424	2	4.36	
	120	14.63	4037	3951	2	4.36	
	102	17.19	4037	4643	2	4.25	
	90	19.48	4288	5261	2	4.07	
	77	22.86	4288	6174	2	3.84	
	70	24.94	4288	6735	2	3.71	
	64	27.20	4288	7347	2	3.60	
	60	29.35	5138	7929	2	3.42	
	53	32.81	5138	8861	2	3.10	
	50	35.14	5138	9492	2	2.89	
	46	37.79	5138	10207	2	2.69	
	43	40.82	5138	11025	2	2.49	
	39	44.31	6261	11968	2	2.29	
	36	48.38	6261	13068	2	2.10	
	41	42.61	5138	11510	3	2.38	H_1083GH132M4
	34	51.97	6261	14039	3	1.95	
	29	60.90	6261	16450	3	1.67	
	24	71.59	7343	19337	3	1.42	
	21	82.14	7343	22186	3	1.24	
	18	96.94	7343	26185	3	1.05	
	313	5.59	4392	1509	2	4.28	H_1282GH132M4
	192	9.13	4886	2466	2	4.28	
	162	10.78	4886	2911	2	4.12	
	145	12.03	5306	3250	2	4.01	
	124	14.06	5306	3798	2	3.82	
	109	16.12	5306	4355	2	3.64	
	94	18.64	5578	5034	2	3.42	
	90	19.35	5578	5225	2	3.36	
	82	21.41	5578	5782	2	3.21	
	70	25.05	5578	6767	2	2.97	
	64	27.13	5578	7329	2	2.85	
	58	30.28	6464	8179	2	2.69	
	55	32.11	6464	8672	2	2.62	
	48	36.39	6464	9831	2	2.47	
45	38.94	6464	10519	2	2.42		
43	40.96	6464	11063	2	2.39		
47	37.57	6464	10147	3	4.33	H_1283GH132M4	
40	43.71	7974	11805	3	3.82		
36	48.44	7974	13084	3	3.45		
30	57.56	7974	15548	3	2.90		
26	66.43	7974	17944	3	2.52		
22	78.06	8992	21084	3	2.14		
20	88.46	8992	23893	3	1.89		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-276	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
7.5 (CONT.)	17	103.80	8992	28038	3	1.61	H_1283GH132M4
	15	113.24	8992	30587	3	1.48	
	14	123.53	8992	33365	3	1.35	
	13	133.30	8992	36006	3	1.25	
	12	148.99	8992	40242	3	1.12	
	11	159.60	8992	43108	3	1.05	
	231	7.57	6087	2045	2	4.35	H_1482GH132M4
	129	13.52	6751	3652	2	4.35	
	113	15.51	6751	4189	2	4.23	
	102	17.09	6751	4616	2	4.13	
	87	20.21	7372	5459	2	3.92	
	76	23.04	7372	6223	2	3.74	
	66	26.49	7372	7155	2	3.53	
	58	30.28	7911	8179	2	3.32	
	50	35.09	7911	9478	2	3.09	
	46	38.23	7911	10326	2	2.96	
	41	42.59	7911	11504	2	2.80	
	39	45.11	9679	12185	2	2.73	
	33	52.61	9679	14212	3	4.37	H_1483GH132M4
	28	62.12	9679	16779	3	4.22	
	25	69.36	11827	18734	3	3.78	
	22	81.04	11827	21890	3	3.23	
	19	92.91	11827	25096	3	2.82	
	16	107.42	12725	29015	3	2.44	
	16	111.50	12725	30116	3	2.35	
	14	123.37	12725	33324	3	2.12	
	12	144.39	12725	39001	3	1.82	
	11	156.38	12725	42238	3	1.68	
	10	174.53	12725	47141	3	1.50	
	9	185.03	12725	49979	3	1.42	
	8	209.76	12725	56657	3	1.25	
	8	224.43	12725	60621	3	1.17	
	7	236.05	12725	63759	3	1.11	
7	254.70	12725	68797	3	1.03		
113	15.44	17770	4170	2	4.34	H_1682GH132M4	
99	17.60	17770	4754	2	4.22		
91	19.30	17770	5213	2	4.12		
75	23.26	17770	6283	2	3.88		
68	25.84	17770	6980	2	3.73		
60	29.27	17770	7906	2	3.54		
28	63.08	17770	17039	3	4.35	H_1683GH132M4	
24	72.36	17770	19544	3	4.23		
22	79.75	17770	21540	3	4.13		
19	94.30	17770	25471	3	3.92		
16	107.48	17770	29031	3	3.74		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-292	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
7.5 (CONT.)	14	123.59	17770	33382	3	3.53	H_1683GH132M4
	12	141.28	17770	38161	3	3.25	
	11	163.72	17770	44222	3	2.80	
	10	178.38	17770	48181	3	2.57	
	9	198.71	17770	53674	3	2.31	
	8	210.49	17770	56855	3	2.18	
	7	236.72	17770	63940	3	1.94	
	7	253.08	17770	68359	3	1.81	
	7	268.29	17770	72466	3	1.71	
	6	289.23	17770	78124	3	1.59	
	6	313.41	17770	84653	3	1.46	
5	341.61	17770	92270	3	1.34		
10	1242	1.41	-	507	1	2.24	H_681GH132N4
	1029	1.70	-	612	1	2.11	
	858	2.04	140	735	1	1.97	
	732	2.39	111	861	1	1.85	
	614	2.85	52	1026	1	1.70	
	566	3.09	52	1113	1	1.64	
	507	3.45	68	1242	1	1.56	
	468	3.74	73	1346	1	1.51	
	413	4.24	160	1525	1	1.33	
	384	4.56	160	1643	1	1.19	
	355	4.93	453	1777	1	1.12	
	327	5.36	453	1929	1	1.01	
	501	3.49	1498	1259	2	2.66	H_682GH132N4
	415	4.22	1473	1518	2	2.50	
	346	5.06	1466	1822	2	2.33	
	295	5.93	1466	2136	2	2.03	
	260	6.72	1466	2420	2	2.47	
	216	8.11	1057	2920	2	2.25	
	180	9.73	1057	3504	2	2.02	
	153	11.40	962	4107	2	1.72	
	129	13.59	962	4895	2	1.45	
	119	14.74	962	5309	2	1.33	
	106	16.45	962	5926	2	1.20	
	98	17.82	1306	6418	2	1.10	
714	2.45	460	882	1	2.26	H_881GH132N4	
608	2.88	487	1037	1	2.12		
530	3.30	617	1190	1	2.00		
449	3.90	690	1405	1	1.85		
414	4.23	783	1522	1	1.78		
372	4.70	783	1693	1	1.70		
343	5.11	1221	1839	1	1.63		
310	5.65	1221	2034	1	1.39		
289	6.06	1221	2183	1	1.14		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-324	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
10 (CONT.)	268	6.53	1440	2353	1	1.13	H_881GH132N4
	247	7.07	1440	2547	1	1.01	
	359	4.87	2656	1753	2	3.02	H_882GH132N4
	295	5.94	2656	2139	2	2.86	
	252	6.96	2656	2506	2	2.71	
	231	7.59	2252	2734	2	3.02	
	189	9.26	2252	3335	2	2.86	
	161	10.85	2252	3908	2	2.72	
	137	12.75	2954	4593	2	2.56	
	120	14.63	2954	5270	2	2.41	
	101	17.27	2954	6220	2	2.23	
	93	18.72	3437	6742	2	2.15	
	84	20.81	3437	7496	2	1.98	
	77	22.61	3437	8142	2	1.83	
	70	25.01	3437	9007	2	1.65	
	65	26.85	3437	9669	2	1.54	
	60	28.93	4471	10420	2	1.43	
	56	31.32	4471	11278	2	1.32	
	51	34.07	4471	12269	2	1.21	
	47	37.27	4471	13424	2	1.11	
	51	34.14	4471	12295	3	1.21	H_883GH132N4
	42	41.19	4471	14833	3	1.00	
	318	5.51	3312	1983	2	3.27	H_1082GH132N4
	273	6.41	3312	2308	2	3.27	
	246	7.10	3705	2558	2	3.27	
	212	8.27	3705	2979	2	3.28	
	182	9.62	3705	3466	2	3.27	
	164	10.67	3705	3842	2	3.27	
	138	12.68	4037	4565	2	3.27	
	120	14.63	4037	5268	2	3.27	
	102	17.19	4037	6190	2	3.19	
	90	19.48	4288	7015	2	3.05	
	77	22.86	4288	8232	2	2.88	
	70	24.94	4288	8980	2	2.78	
	64	27.20	4288	9796	2	2.70	
	60	29.35	5138	10571	2	2.56	
53	32.81	5138	11815	2	2.32		
50	35.14	5138	12656	2	2.17		
46	37.79	5138	13610	2	2.02		
43	40.82	5138	14700	2	1.87		
39	44.31	6261	15957	2	1.72		
36	48.38	6261	17424	2	1.57		
41	42.61	5138	15346	3	1.79	H_1083GH132N4	
34	51.97	6261	18718	3	1.47		
29	60.90	6261	21933	3	1.25		

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-250	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
10 (CONT.)	24	71.59	7343	25782	3	1.06	H_1083GH132N4
	313	5.59	4392	2012	2	3.21	H_1282GH132N4
	192	9.13	4886	3288	2	3.21	
	162	10.78	4886	3882	2	3.09	
	145	12.03	5306	4334	2	3.01	
	124	14.06	5306	5064	2	2.87	
	109	16.12	5306	5806	2	2.73	
	94	18.64	5578	6713	2	2.57	
	90	19.35	5578	6967	2	2.52	
	82	21.41	5578	7710	2	2.41	
	70	25.05	5578	9023	2	2.23	
	64	27.13	5578	9772	2	2.14	
	58	30.28	6464	10906	2	2.02	
	55	32.11	6464	11562	2	1.97	
	48	36.39	6464	13107	2	1.85	
	45	38.94	6464	14025	2	1.81	
	43	40.96	6464	14750	2	1.79	
	47	37.57	6464	13529	3	3.25	H_1283GH132N4
	40	43.71	7974	15741	3	2.87	
	36	48.44	7974	17446	3	2.59	
	30	57.56	7974	20731	3	2.18	
	26	66.43	7974	23926	3	1.89	
	22	78.06	8992	28113	3	1.61	
	20	88.46	8992	31857	3	1.42	
	17	103.80	8992	37384	3	1.21	
	15	113.24	8992	40782	3	1.11	
	14	123.53	8992	44487	3	1.01	
	231	7.57	6087	2726	2	3.26	H_1482GH132N4
	129	13.52	6751	4869	2	3.26	
	113	15.51	6751	5586	2	3.17	
	102	17.09	6751	6155	2	3.10	
	87	20.21	7372	7278	2	2.94	
	76	23.04	7372	8298	2	2.81	
	66	26.49	7372	9540	2	2.65	
	58	30.28	7911	10905	2	2.49	H_1483GH132N4
	50	35.09	7911	12637	2	2.32	
	46	38.23	7911	13768	2	2.22	
	41	42.59	7911	15338	2	2.10	
	39	45.11	9679	16246	2	2.05	
	33	52.61	9679	18949	3	3.27	
	28	62.12	9679	22371	3	3.17	
	25	69.36	11827	24978	3	2.83	
	22	81.04	11827	29187	3	2.43	
	19	92.91	11827	33462	3	2.12	
	16	107.42	12725	38687	3	1.83	

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-276	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--

SELECTION



IN-LINE HELICAL INTEGRAL GEARMOTORS (ILH) - 1750 RPM

60 HZ

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
10 (CONT.)	16	111.50	12725	40154	3	1.76	H_1483GH132N4
	14	123.37	12725	44432	3	1.59	
	12	144.39	12725	52002	3	1.36	
	11	156.38	12725	56318	3	1.26	
	10	174.53	12725	62854	3	1.13	
	9	185.03	12725	66638	3	1.06	
	113	15.44	17770	5561	2	3.26	H_1682GH132N4
	99	17.60	17770	6339	2	3.17	
	91	19.30	17770	6951	2	3.09	
	75	23.26	17770	8377	2	2.91	
	68	25.84	17770	9306	2	2.80	
	60	29.27	17770	10541	2	2.65	
	28	63.08	17770	22719	3	3.26	H_1683GH132N4
	24	72.36	17770	26058	3	3.17	
	22	79.75	17770	28721	3	3.10	
	19	94.30	17770	33962	3	2.94	
	16	107.48	17770	38708	3	2.81	
	14	123.59	17770	44510	3	2.65	
	12	141.28	17770	50881	3	2.44	
	11	163.72	17770	58963	3	2.10	
	10	178.38	17770	64241	3	1.93	
	9	198.71	17770	71566	3	1.73	
	8	210.49	17770	75806	3	1.63	
	7	236.72	17770	85254	3	1.45	
	7	253.08	17770	91145	3	1.36	
	7	268.29	17770	96621	3	1.28	
	6	289.23	17770	104166	3	1.19	
	6	313.41	17770	112871	3	1.10	
5	341.61	17770	123027	3	1.01		

QUANTIS
QUANTIS GOLD
ILH
RHB
MSM

(B) - See Footnotes page on inside back cover

NOMENCLATURE PAGE ILH-4	DIMENSIONS PAGE ILH-308	THERMAL RATINGS PAGE ILH-335	MOTOR INFORMATION PAGE ENGINEERING-14
----------------------------	----------------------------	---------------------------------	--