



SELECTION

IN-LINE HELICAL REDUCER (ILH)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

SIZE: H_882

60 HZ

DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
4.87	Output RPM	-	-	-	-	-	-	708	359	238	708	359	238	708	359	238
	Input HP (Max) (C)	-	-	-	-	-	-	27.33	13.86	9.19	56.18	30.17	20.32	89.61	45.45	30.13
	Output Torque, In-Lb	-	-	-	-	-	-	2432	2432	4998	5292	5375	7972	7972	7972	7972
	OHL Input Shaft	-	-	-	-	-	-	(A)	838	872	(A)	946	985	(A)	1378	1582
	OHL Output Shaft (B)	-	-	-	-	-	-	(A)	2656	2252	(A)	2656	2252	(A)	2656	2252
5.94	Output RPM	-	-	-	581	295	195	581	295	195	581	295	195	581	295	195
	Input HP (Max) (C)	-	-	-	20.41	10.35	6.86	27.33	13.86	9.19	53.26	28.61	19.26	87.06	45.45	30.13
	Output Torque, In-Lb	-	-	-	2215	2215	2215	2966	2966	5779	6121	6217	9447	9723	9723	9723
	OHL Input Shaft	-	-	-	(A)	713	742	(A)	843	877	(A)	952	990	(A)	1319	1587
	OHL Output Shaft (B)	-	-	-	(A)	2656	2252	(A)	2656	2252	(A)	2656	2252	(A)	2656	2252
6.96	Output RPM	-	-	-	496	251	167	496	251	167	496	251	167	496	251	167
	Input HP (Max) (C)	-	-	-	20.41	10.35	6.86	27.33	13.86	9.19	50.55	27.15	18.29	77.40	44.49	29.49
	Output Torque, In-Lb	-	-	-	2595	2595	2595	3475	3475	6427	6806	6915	9841	11152	11152	11152
	OHL Input Shaft	-	-	-	(A)	713	742	(A)	843	877	(A)	952	991	(A)	1256	1548
	OHL Output Shaft (B)	-	-	-	(A)	2656	2252	(A)	2656	2252	(A)	2656	2252	(A)	2656	2252
7.59	Output RPM	-	-	-	-	-	-	455	231	153	455	231	153	455	231	153
	Input HP (Max) (C)	-	-	-	-	-	-	27.35	13.87	9.19	56.21	30.18	20.33	64.76	43.15	30.14
	Output Torque, In-Lb	-	-	-	-	-	-	3792	3792	7794	8251	8382	8979	11796	12431	12431
	OHL Input Shaft	-	-	-	-	-	-	(A)	838	872	(A)	946	985	(A)	1403	1582
	OHL Output Shaft (B)	-	-	-	-	-	-	(A)	2252	2954	(A)	2252	2954	(A)	2252	2954
9.26	Output RPM	-	-	-	373	189	125	373	189	125	373	189	125	373	189	125
	Input HP (Max) (C)	-	-	-	20.42	10.36	6.86	27.34	13.87	9.19	53.27	28.62	19.27	56.08	37.37	26.21
	Output Torque, In-Lb	-	-	-	3454	3454	3454	4625	4625	9011	9544	9694	9486	12464	13185	13185
	OHL Input Shaft	-	-	-	(A)	713	742	(A)	843	877	(A)	952	991	(A)	1418	1587
	OHL Output Shaft (B)	-	-	-	2656	2252	2954	2656	2252	2954	2656	2252	2954	2656	2252	2954
10.85	Output RPM	-	-	-	318	161	107	318	161	107	318	161	107	318	161	107
	Input HP (Max) (C)	-	-	-	20.42	10.36	6.87	27.34	13.87	9.19	50.28	27.16	18.29	50.28	33.51	23.50
	Output Torque, In-Lb	-	-	-	4047	4047	4047	5419	5419	9966	10613	10784	9966	13095	13852	13852
	OHL Input Shaft	-	-	-	(A)	711	741	(A)	843	877	(A)	952	991	(A)	1420	1577
	OHL Output Shaft (B)	-	-	-	2656	2252	2954	2656	2252	2954	2656	2252	2954	2656	2252	2954
12.75	Output RPM	271	137	91	271	137	91	271	137	91	271	137	91	271	137	91
	Input HP (Max) (C)	9.87	5.00	3.32	20.42	10.36	6.87	27.35	13.87	9.20	45.20	25.55	17.21	45.20	30.13	21.12
	Output Torque, In-Lb	2298	2298	2298	4757	4757	4757	6370	6370	6370	10529	11734	11924	10529	13834	14631
	OHL Input Shaft	(A)	453	471	(A)	709	738	(A)	841	876	(A)	950	989	(A)	1419	1580
	OHL Output Shaft (B)	2656	2954	3437	2656	2954	3437	2656	2954	3437	2656	2954	3437	2656	2954	3437
14.63	Output RPM	236	120	79	236	120	79	236	120	79	236	120	79	236	120	79
	Input HP (Max) (C)	9.87	5.00	3.32	20.42	10.36	6.87	27.35	13.87	9.19	41.40	24.09	16.22	41.40	27.60	18.71
	Output Torque, In-Lb	2637	2637	2637	5458	5458	5458	7309	7309	11064	12691	12895	11064	14540	14870	14870
	OHL Input Shaft	(A)	454	473	(A)	710	740	(A)	838	873	(A)	948	987	(A)	1416	1586
	OHL Output Shaft (B)	2252	2954	3437	2252	2954	3437	2252	2954	3437	2252	2954	3437	2252	2954	3437
17.27	Output RPM	200	101	67	200	101	67	200	101	67	200	101	67	200	101	67
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	37.25	22.29	15.01	37.25	23.91	15.85
	Output Torque, In-Lb	3112	3112	3112	6442	6442	6442	8626	8626	11752	13865	14087	11752	14870	14870	14870
	OHL Input Shaft	(A)	452	470	(A)	707	737	(A)	839	874	(A)	946	985	(A)	1426	1591
	OHL Output Shaft (B)	2252	2954	3437	2252	2954	3437	2252	2954	3437	2252	2954	3437	2252	2954	3437

(A) (B) (C) - See Footnotes page on inside back cover

Blank areas (-) indicate configuration not available

MOUNTING POSITIONS PAGE ILH-6	SELECTION OIL QUANTITIES PAGE ILH-6	SELECTION GEARMOTOR PAGE ILH-60	DIMENSIONS PAGE ILH-110
----------------------------------	--	------------------------------------	----------------------------



SELECTION

IN-LINE HELICAL REDUCER (ILH)

SIZE: H_882

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

60 HZ

DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
18.72	Output RPM	184	93	62	184	93	62	184	93	62	184	93	62	184	93	62
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	34.92	21.46	14.45	34.92	22.06	14.62
	Output Torque, In-Lb	3373	3373	3373	6983	6983	6983	9350	9350	9350	11941	14468	14701	11942	14870	14870
	OHL Input Shaft (A)	456	474	(A)	638	741	(A)	757	872	(A)	956	995	(A)	1437	1593	
	OHL Output Shaft (B)	2252	3437	3437	2252	3437	3437	2252	3437	3437	2252	3437	3437	2252	3437	3437
20.81	Output RPM	166	84	56	166	84	56	166	84	56	166	84	56	166	84	56
	Input HP (Max) (C)	9.86	5.00	3.32	20.42	10.36	6.87	26.04	13.87	9.19	32.10	19.84	13.15	32.10	19.84	13.15
	Output Torque, In-Lb	3750	3750	3750	7764	7764	7764	9899	10396	10396	12202	14870	14869	12202	14870	14870
	OHL Input Shaft (A)	456	474	(A)	522	739	(A)	587	876	(A)	956	987	(A)	1447	1594	
	OHL Output Shaft (B)	2252	3437	4471	2252	3437	4471	2252	3437	4471	2252	3437	4471	2252	3437	4471
22.61	Output RPM	153	77	51	153	77	51	153	77	51	153	77	51	153	77	51
	Input HP (Max) (C)	9.86	5.00	3.32	20.14	10.36	6.86	25.02	13.39	9.04	30.07	18.26	12.10	30.07	18.26	12.10
	Output Torque, In-Lb	4074	4074	4074	8319	8433	8433	10333	10901	11110	12421	14870	14869	12422	14870	14870
	OHL Input Shaft (A)	455	474	(A)	408	709	(A)	519	874	(A)	949	989	(A)	1454	1595	
	OHL Output Shaft (B)	2954	3437	4471	2954	3437	4471	2954	3437	4471	2954	3437	4471	2954	3437	4471
25.01	Output RPM	138	70	46	138	70	46	138	70	46	138	70	46	138	70	46
	Input HP (Max) (C)	9.86	5.00	3.32	18.62	10.13	6.86	23.65	12.75	8.62	27.80	16.51	10.94	27.80	16.51	10.94
	Output Torque, In-Lb	4506	4506	4506	8507	9122	9328	10803	11487	11707	12700	14870	14869	12700	14870	14870
	OHL Input Shaft (A)	454	473	(A)	402	674	(A)	444	795	(A)	951	987	(A)	1462	1596	
	OHL Output Shaft (B)	2954	3437	4471	2954	3437	4471	2954	3437	4471	2954	3437	4471	2954	3437	4471
26.85	Output RPM	128	65	43	128	65	43	128	65	43	128	65	43	128	65	43
	Input HP (Max) (C)	9.63	5.00	3.32	17.60	9.57	6.58	22.28	12.35	8.34	26.29	15.38	10.19	26.29	15.38	10.19
	Output Torque, In-Lb	4725	4838	4837	8631	9257	9606	10931	11940	12169	12896	14870	14869	12897	14870	14870
	OHL Input Shaft (A)	453	472	(A)	396	666	(A)	381	733	(A)	948	989	(A)	1467	1596	
	OHL Output Shaft (B)	2954	3437	4471	2954	3437	4471	2954	3437	4471	2954	3437	4471	2954	3437	4471
28.93	Output RPM	119	60	40	119	60	40	119	60	40	119	60	40	-	-	-
	Input HP (Max) (C)	9.26	4.83	3.32	16.57	9.01	6.20	20.93	11.94	8.06	24.84	14.27	9.46	-	-	-
	Output Torque, In-Lb	4894	5036	5213	8756	9391	9743	11060	12438	12677	13127	14870	14869	-	-	-
	OHL Input Shaft (A)	452	470	(A)	391	660	(A)	312	664	(A)	951	991	-	-	-	
	OHL Output Shaft (B)	2954	4471	4856	2954	4471	4856	2954	4471	4856	2954	4471	4856	-	-	-
31.32	Output RPM	110	56	37	110	56	37	110	56	37	110	56	37	-	-	-
	Input HP (Max) (C)	8.87	4.63	3.20	15.52	8.45	5.81	19.55	11.55	7.80	23.37	13.18	8.74	-	-	-
	Output Torque, In-Lb	5073	5221	5443	8882	9526	9882	11183	13027	13277	13370	14870	14869	-	-	-
	OHL Input Shaft (A)	452	472	(A)	385	653	(A)	227	577	(A)	953	992	-	-	-	
	OHL Output Shaft (B)	2954	4471	4856	2954	4471	4856	2954	4471	4856	2954	4471	4856	-	-	-
34.07	Output RPM	101	51	34	101	51	34	101	51	34	101	51	34	-	-	-
	Input HP (Max) (C)	8.46	4.42	3.05	14.47	7.87	5.42	18.17	10.96	7.55	21.92	12.12	8.03	-	-	-
	Output Torque, In-Lb	5267	5421	5651	9007	9661	10025	11310	13450	13974	13640	14870	14869	-	-	-
	OHL Input Shaft (A)	454	472	(A)	379	650	(A)	176	474	(A)	954	994	-	-	-	
	OHL Output Shaft (B)	2954	4471	4856	2954	4471	4856	2954	4471	4856	2954	4471	4856	-	-	-
37.27	Output RPM	93	47	31	93	47	31	93	47	31	93	47	31	-	-	-
	Input HP (Max) (C)	8.05	4.20	2.90	13.42	7.30	5.02	16.80	10.16	6.99	18.13	11.08	6.75	-	-	-
	Output Torque, In-Lb	5479	5640	5880	9134	9800	10168	11435	13638	14147	12341	14870	13671	-	-	-
	OHL Input Shaft (A)	454	471	(A)	373	643	(A)	168	469	(A)	955	997	-	-	-	
	OHL Output Shaft (B)	3437	4471	4856	3437	4471	4856	3437	4471	4856	3437	4471	4856	-	-	-

(A) (B) (C) - See Footnotes page on inside back cover

Blank areas (-) indicate configuration not available

MOUNTING POSITIONS PAGE ILH-6	SELECTION OIL QUANTITIES PAGE ILH-6	SELECTION GEARMOTOR PAGE ILH-60	DIMENSIONS PAGE ILH-110
----------------------------------	--	------------------------------------	----------------------------



SELECTION

IN-LINE HELICAL REDUCER (ILH)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

SIZE: H_882

60 HZ

DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
41.90	Output RPM	82	42	28	82	42	28	82	42	28	-	-	-	-	-	-
	Input HP (Max) (C)	7.54	3.94	2.72	12.13	6.60	4.54	15.14	9.19	5.83	-	-	-	-	-	-
	Output Torque, In-Lb	5771	5941	6195	9286	9964	10336	11589	13862	13268	-	-	-	-	-	-
	OHL Input Shaft (A)	453	471	(A)	369	641	(A)	160	665	-	-	-	-	-	-	-
	OHL Output Shaft (B)	3437	4471	4856	3437	4471	4856	3437	4471	4856	-	-	-	-	-	-
45.76	Output RPM	75	38	25	75	38	25	75	38	25	-	-	-	-	-	-
	Input HP (Max) (C)	7.19	3.75	2.59	11.24	6.11	4.20	13.99	8.50	4.35	-	-	-	-	-	-
	Output Torque, In-Lb	6009	6187	6448	9392	10074	10454	11695	14015	10819	-	-	-	-	-	-
	OHL Input Shaft (A)	453	474	(A)	364	743	(A)	157	876	-	-	-	-	-	-	-
	OHL Output Shaft (B)	3437	4856	4856	3437	4856	4856	3437	4856	4856	-	-	-	-	-	-
50.73	Output RPM	68	34	23	68	34	23	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	6.75	3.53	2.44	9.01	5.58	3.35	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	6254	6441	6716	8352	10198	9230	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	456	474	(A)	(A)	(A)	(A)	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	3437	4856	4856	3437	4856	4856	-	-	-	-	-	-	-	-	-

NOTES:

(A) (B) (C) - See Footnotes page on inside back cover

Blank areas (-) indicate configuration not available

MOUNTING POSITIONS PAGE ILH-6	SELECTION OIL QUANTITIES PAGE ILH-6	SELECTION GEARMOTOR PAGE ILH-60	DIMENSIONS PAGE ILH-110
----------------------------------	--	------------------------------------	----------------------------



SELECTION

IN-LINE HELICAL REDUCER (ILH)

SIZE: H_883

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

60 HZ

TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			-- 80D 80			140TC 90D 90			180TC 100D 100			-- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
34.14	Output RPM	-	-	-	-	-	-	-	-	-	101	51	34	101	51	34	101	51	34
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	17.70	10.36	6.87	17.70	12.09	8.02	17.70	12.09	8.02
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	11041	12734	12734	11041	14870	14870	11041	14870	14870
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	713	742	(A)	839	873	(A)	958	997
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	2954	4471	4856	2954	4471	4856	2954	4471	4856
41.19	Output RPM	-	-	-	-	-	-	-	-	-	84	42	28	84	42	28	84	42	28
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	15.47	10.02	6.64	15.47	10.02	6.64	15.47	10.02	6.64
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	11639	14870	14870	11639	14870	14870	11639	14870	14870
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	713	742	(A)	839	873	(A)	958	997
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	3437	4471	4856	3437	4471	4856	3437	4471	4856
49.42	Output RPM	-	-	-	70	35	23	70	35	23	70	35	23	70	35	23	70	35	23
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.00	3.32	13.52	8.35	5.54	13.52	8.35	5.54	13.52	8.35	5.54
	Output Torque, In-Lb	-	-	-	4374	4374	4374	8905	8905	8905	12204	14870	14870	12204	14870	14870	12204	14870	14870
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	454	473	(A)	714	743	(A)	839	876	(A)	959	998
	OHL Output Shaft (B)	-	-	-	3437	4856	4856	3437	4856	4856	3437	4856	4856	3437	4856	4856	3437	4856	4856
57.93	Output RPM	-	-	-	60	30	20	60	30	20	60	30	20	60	30	20	60	30	20
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.00	3.32	12.04	7.13	4.72	12.04	7.13	4.72	12.04	7.13	4.72
	Output Torque, In-Lb	-	-	-	5128	5128	5128	10439	10439	10439	12746	14870	14870	12746	14870	14870	12746	14870	14870
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	452	471	(A)	709	739	(A)	839	878	(A)	959	998
	OHL Output Shaft (B)	-	-	-	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856
69.05	Output RPM	-	-	-	50	25	17	50	25	17	50	25	17	50	25	17	50	25	17
	Input HP (Max) (C)	-	-	-	4.84	2.46	1.63	9.86	5.00	3.32	10.62	5.98	3.96	10.62	5.98	3.96	10.62	5.98	3.96
	Output Torque, In-Lb	-	-	-	6111	6111	6111	12441	12441	12441	13396	14870	14870	13396	14870	14870	13396	14870	14870
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	456	474	(A)	709	739	(A)	839	879	(A)	959	998
	OHL Output Shaft (B)	-	-	-	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856
74.88	Output RPM	46	23	15	46	23	15	46	23	15	46	23	15	46	23	15	-	-	-
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.32	10.03	5.51	3.66	10.03	5.51	3.65	-	-	-
	Output Torque, In-Lb	5444	5444	5444	6628	6628	6628	13493	13493	13493	13715	14870	14870	13715	14870	14870	-	-	-
	OHL Input Shaft	(A)	219	226	(A)	346	360	(A)	456	474	(A)	711	740	(A)	839	879	-	-	-
	OHL Output Shaft (B)	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856	-	-	-
83.58	Output RPM	41	21	14	41	21	14	41	21	14	41	21	14	41	21	14	-	-	-
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.28	4.94	3.27	9.28	4.94	3.27	9.28	4.94	3.27	-	-	-
	Output Torque, In-Lb	6077	6077	6077	7398	7398	7398	14166	14870	14870	14166	14870	14870	14166	14870	14870	-	-	-
	OHL Input Shaft	(A)	219	228	(A)	346	360	(A)	455	474	(A)	712	741	(A)	839	879	-	-	-
	OHL Output Shaft (B)	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856	4471	4856	4856	-	-	-
90.53	Output RPM	38	19	13	38	19	13	38	19	13	38	19	13	38	19	13	-	-	-
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	8.77	4.56	3.02	8.77	4.56	3.02	8.77	4.56	3.02	-	-	-
	Output Torque, In-Lb	6582	6582	6582	8013	8013	8013	14505	14870	14870	14505	14870	14870	14505	14870	14870	-	-	-
	OHL Input Shaft	(A)	218	227	(A)	346	360	(A)	456	474	(A)	713	742	(A)	839	879	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-
102.61	Output RPM	34	17	11	34	17	11	34	17	11	34	17	11	-	-	-	-	-	-
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	7.93	4.02	2.67	7.93	4.02	2.67	-	-	-	-	-	-
	Output Torque, In-Lb	7460	7460	7460	9082	9082	9082	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft	(A)	217	226	(A)	346	360	(A)	456	475	(A)	713	743	-	-	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-	-

(A) (B) (C) - See Footnotes page on inside back cover

Blank areas (-) indicate configuration not available

MOUNTING POSITIONS PAGE ILH-6	SELECTION OIL QUANTITIES PAGE ILH-6	SELECTION GEARMOTOR PAGE ILH-60	DIMENSIONS PAGE ILH-110
----------------------------------	--	------------------------------------	----------------------------



SELECTION

IN-LINE HELICAL REDUCER (ILH)

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

SIZE: H_883

60 HZ

TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
110.54	Output RPM	31	16	10	31	16	10	31	16	10	31	16	10	-	-	-	-	-	-
	Input HP (Max) (C)	3.88	2.02	1.34	4.84	2.46	1.63	7.36	3.74	2.48	7.36	3.74	2.48	-	-	-	-	-	-
	Output Torque, In-Lb	7845	8036	8036	9783	9783	9783	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft (A)	218	227	(A)	346	359	(A)	457	475	(A)	457	475	(A)	714	743	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-
119.52	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10	-	-	-	-	-	-
	Input HP (Max) (C)	3.66	1.99	1.34	4.85	2.46	1.63	6.81	3.45	2.29	6.81	3.45	2.29	-	-	-	-	-	-
	Output Torque, In-Lb	7983	8551	8690	10579	10579	10579	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft (A)	217	226	(A)	345	359	(A)	457	475	(A)	457	475	(A)	714	743	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-
129.79	Output RPM	27	13	9	27	13	9	27	13	9	27	13	9	-	-	-	-	-	-
	Input HP (Max) (C)	3.43	1.86	1.28	4.84	2.46	1.63	6.27	3.18	2.11	6.27	3.18	2.11	-	-	-	-	-	-
	Output Torque, In-Lb	8125	8702	9019	11487	11487	11487	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft (A)	218	226	(A)	345	359	(A)	453	471	(A)	453	471	(A)	714	743	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-
143.50	Output RPM	24	12	8	24	12	8	24	12	8	24	12	8	-	-	-	-	-	-
	Input HP (Max) (C)	3.16	1.72	1.18	4.84	2.46	1.63	5.67	2.88	1.91	5.67	2.88	1.91	-	-	-	-	-	-
	Output Torque, In-Lb	8286	8876	9200	12701	12701	12701	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft (A)	218	226	(A)	344	358	(A)	454	471	(A)	454	471	(A)	714	743	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-
155.46	Output RPM	22	11	7	22	11	7	22	11	7	22	11	7	-	-	-	-	-	-
	Input HP (Max) (C)	2.96	1.61	1.11	4.84	2.46	1.63	5.24	2.66	1.76	5.24	2.66	1.76	-	-	-	-	-	-
	Output Torque, In-Lb	8408	9007	9337	13759	13759	13759	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft (A)	218	226	(A)	344	358	(A)	453	472	(A)	453	472	(A)	714	744	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-
175.18	Output RPM	20	10	7	20	10	7	20	10	7	20	10	7	-	-	-	-	-	-
	Input HP (Max) (C)	2.68	1.46	1.00	4.65	2.36	1.56	4.65	2.36	1.56	4.65	2.36	1.56	-	-	-	-	-	-
	Output Torque, In-Lb	8583	9190	9525	14870	14870	14870	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-
	OHL Input Shaft (A)	218	227	(A)	343	357	(A)	455	473	(A)	455	473	(A)	715	744	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-
191.80	Output RPM	18	9	6	18	9	6	18	9	6	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	2.48	1.35	0.93	4.24	2.15	1.43	4.24	2.15	1.43	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	8701	9320	9659	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	218	227	(A)	344	358	(A)	455	474	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-	-	-	-	-
213.64	Output RPM	16	8	5	16	8	5	16	8	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	2.26	1.23	0.84	3.81	1.93	1.28	3.81	1.93	1.28	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	8834	9461	9807	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	219	227	(A)	345	359	(A)	456	474	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-	-	-	-	-
244.29	Output RPM	14	7	5	14	7	5	14	7	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	2.01	1.09	0.75	3.33	1.69	1.12	3.33	1.69	1.12	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	8985	9623	9974	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	219	227	(A)	345	359	(A)	456	475	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	4856	4856	4856	4856	4856	4856	4856	4856	4856	-	-	-	-	-	-	-	-	-

(A) (B) (C) - See Footnotes page on inside back cover
Blank areas (-) indicate configuration not available

MOUNTING POSITIONS PAGE ILH-6	SELECTION OIL QUANTITIES PAGE ILH-6	SELECTION GEARMOTOR PAGE ILH-60	DIMENSIONS PAGE ILH-110
----------------------------------	--	------------------------------------	----------------------------



SELECTION

IN-LINE HELICAL REDUCER (ILH)

SIZE: H_883

Service Factor 1.0 - Clamp Collar / 3 Pc Coupled / Separate

60 HZ

TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112			210TC 132D 132		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
270.90	Output RPM	13	6	4	13	6	4	13	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.84	1.00	0.69	3.00	1.52	1.01	3.00	1.52	1.01	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	9091	9735	10091	14870	14870	14870	14870	14870	14870	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4856	219 4856	228 4856	(A) 4856	345 4856	359 4856	(A) 4856	456 4856	475 4856	-	-	-	-	-	-	-	-	-
300.41	Output RPM	11	6	4	11	6	4	11	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.67	0.91	0.62	2.17	1.37	0.81	2.17	1.37	0.81	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	9186	9840	10199	11903	14870	13169	11903	14870	13169	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4856	219 4856	228 4856	(A) 4856	346 4856	360 4856	(A) 4856	457 4856	476 4856	-	-	-	-	-	-	-	-	-

NOTES:

(A) (B) (C) - See Footnotes page on inside back cover
Blank areas (-) indicate configuration not available

MOUNTING POSITIONS PAGE ILH-6	SELECTION OIL QUANTITIES PAGE ILH-6	SELECTION GEARMOTOR PAGE ILH-60	DIMENSIONS PAGE ILH-110
----------------------------------	--	------------------------------------	----------------------------