



SELECTION

IN-LINE HELICAL REDUCER (ILH)

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

SIZE: H_682

60 HZ

DOUBLE 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
3.49	Output RPM	-	-	-	-	-	-	-	-	-	989	501	332	989	501	332	989	501	332
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.44	10.37	6.87	27.38	13.89	9.20	39.98	26.64	18.15
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	1303	1303	1303	1745	1745	1745	2549	3349	3441
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	713	742	(A)	843	877	(A)	948	986
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A)	1498	904	(A)	1498	904	(A)	1498	1466
4.22	Output RPM	-	-	-	-	-	-	-	-	-	818	415	275	818	415	275	818	415	275
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.40	10.35	6.86	27.31	13.85	9.18	37.46	24.96	17.08
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	1573	1573	1573	2106	2106	2106	2888	3794	3915
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	713	742	(A)	843	877	(A)	947	985
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A)	1473	1466	(A)	1473	1466	(A)	1473	1466
5.06	Output RPM	-	-	-	682	346	229	682	346	229	682	346	229	682	346	229	682	346	229
	Input HP (Max) (C)	-	-	-	4.84	2.46	1.63	9.86	5.00	3.32	20.41	10.35	6.86	27.34	13.87	9.19	34.92	23.27	15.78
	Output Torque, In-Lb	-	-	-	448	448	448	912	912	912	1887	1887	1887	2527	2527	2527	3228	4241	4337
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	453	471	(A)	711	740	(A)	840	875	(A)	947	985
	OHL Output Shaft (B)	-	-	-	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057
5.93	Output RPM	-	-	-	582	295	196	582	295	196	582	295	196	582	295	196	582	295	196
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.87	27.34	13.87	9.19	32.62	20.31	13.46
	Output Torque, In-Lb	-	-	-	525	525	525	1069	1069	1069	2212	2212	2212	2962	2962	2962	3534	4337	4337
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	454	472	(A)	707	737	(A)	836	872	(A)	952	992
	OHL Output Shaft (B)	-	-	-	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057
6.72	Output RPM	-	-	-	-	-	-	-	-	-	513	260	173	513	260	173	513	260	173
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.87	9.19	37.03	24.68	17.31
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	2507	2507	2507	3356	3356	3356	4546	5973	6320
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	713	742	(A)	843	877	(A)	953	986
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A)	1466	1057	(A)	1466	1057	(A)	1466	1057
8.11	Output RPM	-	-	-	-	-	-	-	-	-	425	216	143	425	216	143	425	216	143
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.41	10.35	6.86	27.33	13.86	9.19	33.73	22.48	15.77
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	3024	3024	3024	4049	4049	4049	4997	6565	6948
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	713	742	(A)	843	877	(A)	954	985
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A)	1057	962	(A)	1057	962	(A)	1057	962
9.73	Output RPM	-	-	-	355	180	119	355	180	119	355	180	119	355	180	119	355	180	119
	Input HP (Max) (C)	-	-	-	4.84	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.86	27.34	13.87	9.19	30.28	20.17	13.39
	Output Torque, In-Lb	-	-	-	861	861	861	1753	1753	1753	3629	3629	3629	4859	4859	4859	5382	7067	7081
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	453	471	(A)	711	740	(A)	840	875	(A)	955	985
	OHL Output Shaft (B)	-	-	-	1466	1057	962	1466	1057	962	1466	1057	962	1466	1057	962	1466	1057	962
11.40	Output RPM	-	-	-	303	154	102	303	154	102	303	154	102	303	154	102	303	154	102
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.87	5.01	3.32	20.43	10.36	6.87	27.25	13.87	9.20	27.25	17.25	11.43
	Output Torque, In-Lb	-	-	-	1009	1009	1009	2055	2055	2055	4254	4254	4254	5676	5696	5696	5676	7081	7081
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	454	472	(A)	707	737	(A)	836	872	(A)	957	992
	OHL Output Shaft (B)	-	-	-	1466	962	962	1466	962	962	1466	962	962	1466	962	962	1466	962	962
13.59	Output RPM	-	-	-	254	129	85	254	129	85	254	129	85	254	129	85	254	129	85
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.87	24.22	13.74	9.19	24.22	14.47	9.59
	Output Torque, In-Lb	-	-	-	1203	1203	1203	2449	2449	2449	5070	5070	5070	6013	6726	6789	6013	7081	7081
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	456	470	(A)	708	738	(A)	838	873	(A)	957	990
	OHL Output Shaft (B)	-	-	-	1466	962	1306	1466	962	1306	1466	962	1306	1466	962	1306	1466	962	1306

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

Blank areas (-) indicate configuration not available

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SELECTION

IN-LINE HELICAL REDUCER (ILH)

SIZE: H_682

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

60 HZ

DOUBLE 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
14.74	Output RPM	234	119	79	234	119	79	234	119	79	234	119	79	234	119	79	234	119	79
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.32	19.95	10.36	6.87	22.93	13.25	8.84	22.92	13.34	8.84
	Output Torque, In-Lb	1072	1072	1072	1305	1305	1305	2656	2656	2656	5373	5499	5499	6173	7031	7081	6173	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 1057	218 962	226 1306	(A) 1057	346 962	360 1306	(A) 1057	456 962	474 1306	(A) 1057	712 962	736 1306	(A) 1057	828 962	872 1306	(A) 1057	958 1306	991 1306
16.45	Output RPM	210	106	71	210	106	71	210	106	71	210	106	71	210	106	71	210	106	71
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.87	5.00	3.32	18.96	9.95	6.85	21.29	11.95	7.92	21.29	11.95	7.92
	Output Torque, In-Lb	1196	1196	1196	1456	1456	1456	2965	2965	2965	5698	5892	6123	6398	7081	7081	6398	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 1057	218 962	226 1306	(A) 1057	346 962	360 1306	(A) 1057	456 962	474 1306	(A) 1057	695 962	740 1306	(A) 1057	840 962	870 1306	(A) 1057	950 1306	995 1306
17.82	Output RPM	194	98	65	194	98	65	194	98	65	194	98	65	194	98	65	194	98	65
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.00	3.32	18.23	9.56	6.59	20.16	11.03	7.31	20.16	11.03	7.31
	Output Torque, In-Lb	1296	1296	1296	1577	1577	1577	3211	3211	3211	5936	6136	6378	6564	7081	7081	6564	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 1057	217 1306	226 1306	(A) 1057	346 1306	360 1306	(A) 1057	455 1306	474 1306	(A) 1057	660 1306	740 1306	(A) 1057	837 1306	872 1306	(A) 1057	949 1306	996 1306
20.20	Output RPM	171	87	57	171	87	57	171	87	57	171	87	57	171	87	57	171	87	57
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.47	4.94	3.32	17.10	8.97	6.18	18.52	9.73	6.45	18.52	9.73	6.45
	Output Torque, In-Lb	1469	1469	1469	1788	1788	1788	3493	3593	3639	6309	6524	6781	6833	7081	7081	6833	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 1057	219 1306	228 1940	(A) 1057	346 1306	360 1940	(A) 1057	454 1306	472 1940	(A) 1057	602 1306	739 1940	(A) 1057	840 1306	875 1940	(A) 1057	952 1306	997 1940
21.76	Output RPM	159	80	53	159	80	53	159	80	53	159	80	53	159	80	53	159	80	53
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.11	4.76	3.29	16.46	8.63	5.95	17.60	9.04	5.99	17.60	9.04	5.99
	Output Torque, In-Lb	1582	1582	1582	1926	1926	1926	3622	3727	3885	6542	6765	7032	6995	7081	7081	6995	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 962	218 1306	227 1940	(A) 962	346 1306	360 1940	(A) 962	454 1306	471 1940	(A) 962	566 1306	739 1940	(A) 962	841 1306	876 1940	(A) 962	953 1306	997 1940
23.53	Output RPM	147	74	49	147	74	49	147	74	49	147	74	49	147	74	49	147	74	49
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	8.74	4.56	3.15	15.81	8.29	5.54	16.47	8.36	5.54	16.47	8.36	5.54
	Output Torque, In-Lb	1711	1711	1711	2082	2082	2082	3758	3867	4031	6794	7025	7081	7081	7081	7081	7081	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 962	218 1306	227 1940	(A) 962	346 1306	360 1940	(A) 962	454 1306	471 1940	(A) 962	525 1306	740 1940	(A) 962	842 1306	877 1940	(A) 962	955 1306	990 1940
25.55	Output RPM	135	68	45	135	68	45	135	68	45	135	68	45	135	68	45	135	68	45
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	8.36	4.36	3.01	14.88	7.70	5.10	15.17	7.70	5.10	15.17	7.70	5.10
	Output Torque, In-Lb	1858	1858	1858	2261	2261	2261	3901	4014	4185	6943	7081	7081	7081	7081	7081	7081	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 962	218 1306	226 1940	(A) 962	345 1306	359 1940	(A) 962	454 1306	471 1940	(A) 962	536 1306	741 1940	(A) 962	843 1306	877 1940	(A) 962	956 1306	989 1940
28.25	Output RPM	122	62	41	122	62	41	122	62	41	122	62	41	122	62	41	122	62	41
	Input HP (Max) (C)	3.69	2.01	1.34	4.84	2.46	1.63	7.90	4.12	2.85	13.72	6.96	4.61	13.72	6.96	4.61	13.72	6.96	4.61
	Output Torque, In-Lb	1904	2040	2054	2500	2500	2500	4075	4195	4373	7081	7081	7081	7081	7081	7081	7081	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 962	217 1940	226 1940	(A) 962	345 1940	359 1940	(A) 962	454 1940	471 1940	(A) 962	566 1940	742 1940	(A) 962	843 1940	878 1940	(A) 962	957 1940	992 1940
30.60	Output RPM	113	57	38	113	57	38	113	57	38	113	57	38	113	57	38	113	57	38
	Input HP (Max) (C)	3.46	1.88	1.29	4.85	2.46	1.63	7.55	3.94	2.73	12.67	6.43	4.26	12.67	6.43	4.26	12.67	6.43	4.26
	Output Torque, In-Lb	1934	2072	2147	2709	2709	2709	4222	4346	4531	7081	7081	7081	7081	7081	7081	7081	7081	7081
	OHL Input Shaft OHL Output Shaft (B)	(A) 962	218 1940	227 2765	(A) 962	344 1940	358 2765	(A) 962	453 1940	471 2765	(A) 962	587 1940	742 2765	(A) 962	844 1940	878 2765	(A) 962	957 1940	993 2765

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

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SELECTION

IN-LINE HELICAL REDUCER (ILH)

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

SIZE: H_682

60 HZ

DOUBLE 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
34.49	Output RPM	100	51	34	100	51	34	100	51	34	100	51	37	100	51	34	-	-	-
	Input HP (Max) (C)	3.14	1.70	1.17	4.84	2.46	1.63	7.06	3.69	2.55	11.24	5.70	3.78	11.24	5.70	3.78	-	-	-
	Output Torque, In-Lb	1975	2116	2193	3052	3052	3052	4449	4582	4777	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	218	227	(A)	344	357	(A)	453	471	(A)	617	739	(A)	844	879	-	-	-	-
	OHL Output Shaft (B)	962	1940	2765	962	1940	2765	962	1940	2765	962	1940	2765	962	1940	2765	-	-	-
37.76	Output RPM	91	46	31	91	46	31	91	46	31	91	46	37	91	46	31	-	-	-
	Input HP (Max) (C)	2.90	1.58	1.08	4.60	2.46	1.63	6.72	3.51	2.43	10.27	5.21	3.45	10.24	5.21	3.45	-	-	-
	Output Torque, In-Lb	2004	2146	2225	3176	3342	3342	4636	4773	4978	7081	7081	7081	7063	7081	7081	-	-	-
	OHL Input Shaft (A)	218	227	(A)	343	356	(A)	457	472	(A)	637	740	(A)	845	879	-	-	-	-
	OHL Output Shaft (B)	1306	1940	2765	1306	1940	2765	1306	1940	2765	1306	1940	2765	1306	1940	2765	-	-	-
42.06	Output RPM	82	42	28	82	42	28	82	42	28	82	42	37	-	-	-	-	-	-
	Input HP (Max) (C)	2.65	1.44	0.99	4.31	2.36	1.55	6.29	3.29	2.27	7.77	4.67	2.89	-	-	-	-	-	-
	Output Torque, In-Lb	2036	2181	2260	3310	3576	3550	4834	4977	5189	5970	7081	6602	-	-	-	-	-	-
	OHL Input Shaft (A)	218	227	(A)	343	356	(A)	457	472	(A)	---	741	-	-	-	-	-	-	-
	OHL Output Shaft (B)	1306	1940	2765	1306	1940	2765	1306	1940	2765	1306	1940	2765	-	-	-	-	-	-
48.09	Output RPM	72	36	24	72	36	24	72	36	24	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	2.36	1.28	0.88	3.94	2.16	1.42	5.83	3.04	2.10	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	2073	2220	2301	3463	3747	3715	5118	5272	5497	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	219	227	(A)	343	356	(A)	457	475	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	1306	2765	3091	1306	2765	3091	1306	2765	3091	-	-	-	-	-	-	-	-	-

NOTES:

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

IN-LINE HELICAL REDUCER (ILH)

SIZE: H_683

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		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
37.80	Output RPM	-	-	-	91	46	31	91	46	31	91	46	31
	Input HP (Max) (C)	-	-	-	4.84	2.46	1.63	7.84	5.00	3.32	7.84	5.20	3.45
	Output Torque, In-Lb	-	-	-	3346	3346	3346	5415	6811	6811	5415	7081	7081
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	453	471	(A)	714	743
	OHL Output Shaft (B)	-	-	-	1306	1940	2765	1306	1940	2765	1306	1940	2765
45.41	Output RPM	-	-	-	76	39	26	76	39	26	76	39	26
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	6.97	4.33	2.87	6.97	4.33	2.87
	Output Torque, In-Lb	-	-	-	4019	4019	4019	5780	7081	7081	5780	7081	7081
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	455	473	(A)	715	744
	OHL Output Shaft (B)	-	-	-	1306	2765	2765	1306	2765	2765	1306	2765	2765
53.47	Output RPM	-	-	-	65	33	22	65	33	22	65	33	22
	Input HP (Max) (C)	-	-	-	4.84	2.46	1.63	6.18	3.68	2.44	6.18	3.68	2.44
	Output Torque, In-Lb	-	-	-	4732	4732	4732	6039	7081	7081	6039	7081	7081
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	456	474	(A)	715	744
	OHL Output Shaft (B)	-	-	-	1306	2765	3091	1306	2765	3091	1306	2765	3091
59.91	Output RPM	58	29	19	58	29	19	58	29	19	58	29	19
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.70	3.28	2.18	5.70	3.28	2.18
	Output Torque, In-Lb	4356	4356	4356	5303	5303	5303	6234	7081	7081	6234	7081	7081
	OHL Input Shaft	(A)	218	227	(A)	346	360	(A)	456	475	(A)	715	744
	OHL Output Shaft (B)	1940	2765	3091	1940	2765	3091	1940	2765	3091	1940	2765	3091
67.14	Output RPM	51	26	17	51	26	17	51	26	17	51	26	17
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.25	2.93	1.94	5.25	2.93	1.94
	Output Torque, In-Lb	4882	4882	4882	5943	5943	5943	6440	7081	7081	6440	7081	7081
	OHL Input Shaft	(A)	217	226	(A)	346	360	(A)	457	475	(A)	708	737
	OHL Output Shaft (B)	1940	2765	3091	1940	2765	3091	1940	2765	3091	1940	2765	3091
73.30	Output RPM	47	24	16	47	24	16	47	24	16	47	24	16
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	4.93	2.68	1.78	4.93	2.68	1.78
	Output Torque, In-Lb	5329	5329	5329	6487	6487	6487	6606	7081	7081	6606	7081	7081
	OHL Input Shaft	(A)	219	228	(A)	346	360	(A)	457	475	(A)	708	737
	OHL Output Shaft (B)	1940	3091	3091	1940	3091	3091	1940	3091	3091	1940	3091	3091
80.46	Output RPM	43	22	14	43	22	14	43	22	14	43	22	14
	Input HP (Max) (C)	3.98	2.02	1.34	4.62	2.44	1.62	4.62	2.44	1.62	4.62	2.44	1.62
	Output Torque, In-Lb	5850	5850	5850	6789	7081	7081	6789	7081	7081	6789	7081	7081
	OHL Input Shaft	(A)	219	227	(A)	346	360	(A)	457	476	(A)	710	738
	OHL Output Shaft (B)	1940	3091	3170	1940	3091	3170	1940	3091	3170	1940	3091	3170
88.59	Output RPM	39	20	13	39	20	13	39	20	13	-	-	-
	Input HP (Max) (C)	3.98	2.02	1.34	4.32	2.22	1.47	4.32	2.22	1.47	-	-	-
	Output Torque, In-Lb	6441	6441	6441	6988	7081	7081	6988	7081	7081	-	-	-
	OHL Input Shaft	(A)	218	227	(A)	346	360	(A)	457	476	-	-	-
	OHL Output Shaft (B)	2765	3091	3170	2765	3091	3170	2765	3091	3170	-	-	-
96.16	Output RPM	36	18	12	36	18	12	36	18	12	-	-	-
	Input HP (Max) (C)	3.98	2.02	1.34	4.03	2.04	1.36	4.03	2.04	1.36	-	-	-
	Output Torque, In-Lb	6991	6991	6991	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft	(A)	217	226	(A)	346	360	(A)	457	476	-	-	-
	OHL Output Shaft (B)	2765	3091	3170	2765	3091	3170	2765	3091	3170	-	-	-

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

Blank areas (-) indicate configuration not available

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SELECTION

IN-LINE HELICAL REDUCER (ILH)

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

SIZE: H_683

60 HZ

TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
104.80	Output RPM	33	17	11	33	17	11	33	17	11	-	-	-
	Input HP (Max) (C)	3.70	1.88	1.24	3.70	1.88	1.24	3.70	1.88	1.24	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	218	218	227	(A)	346	360	(A)	457	476	-	-	-
	OHL Output Shaft (B)	2765	3091	3170	2765	3091	3170	2765	3091	3170	-	-	-
114.78	Output RPM	30	15	10	30	15	10	30	15	10	-	-	-
	Input HP (Max) (C)	3.38	1.71	1.14	3.38	1.71	1.14	3.38	1.71	1.14	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	218	218	227	(A)	346	360	(A)	457	476	-	-	-
	OHL Output Shaft (B)	2765	3170	3170	2765	3170	3170	2765	3170	3170	-	-	-
126.41	Output RPM	27	14	9	27	14	9	27	14	9	-	-	-
	Input HP (Max) (C)	3.07	1.56	1.03	3.07	1.56	1.03	3.07	1.56	1.03	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	219	219	227	(A)	346	360	(A)	453	471	-	-	-
	OHL Output Shaft (B)	2765	3170	3170	2765	3170	3170	2765	3170	3170	-	-	-
145.38	Output RPM	24	12	8	24	12	8	24	12	8	-	-	-
	Input HP (Max) (C)	2.67	1.35	0.90	2.67	1.35	0.90	2.67	1.35	0.90	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	219	219	228	(A)	346	360	(A)	454	472	-	-	-
	OHL Output Shaft (B)	3091	3170	3170	3091	3170	3170	3091	3170	3170	-	-	-
157.50	Output RPM	22	11	7	22	11	7	22	11	7	-	-	-
	Input HP (Max) (C)	2.46	1.25	0.83	2.46	1.25	0.83	2.46	1.25	0.83	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	219	219	226	(A)	343	357	(A)	454	473	-	-	-
	OHL Output Shaft (B)	3091	3170	3170	3091	3170	3170	3091	3170	3170	-	-	-
174.08	Output RPM	20	10	7	20	10	7	20	10	7	-	-	-
	Input HP (Max) (C)	2.23	1.13	0.75	2.23	1.13	0.75	2.23	1.13	0.75	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	219	219	227	(A)	344	357	(A)	455	473	-	-	-
	OHL Output Shaft (B)	3091	3170	3170	3091	3170	3170	3091	3170	3170	-	-	-
203.09	Output RPM	17	9	6	17	9	6	17	9	6	-	-	-
	Input HP (Max) (C)	1.91	0.97	0.64	1.91	0.97	0.64	1.91	0.97	0.64	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	218	218	227	(A)	345	358	(A)	456	474	-	-	-
	OHL Output Shaft (B)	3091	3170	3170	3091	3170	3170	3091	3170	3170	-	-	-
226.07	Output RPM	15	8	5	15	8	5	15	8	5	-	-	-
	Input HP (Max) (C)	1.71	0.87	0.58	1.71	0.87	0.58	1.71	0.87	0.58	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	219	219	227	(A)	345	359	(A)	456	474	-	-	-
	OHL Output Shaft (B)	3170	3170	3170	3170	3170	3170	3170	3170	3170	-	-	-
248.68	Output RPM	14	7	5	14	7	5	14	7	5	-	-	-
	Input HP (Max) (C)	1.56	0.79	0.52	1.56	0.79	0.52	1.56	0.79	0.52	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	7081	7081	7081	-	-	-
	OHL Input Shaft (A)	219	219	228	(A)	345	359	(A)	456	475	-	-	-
	OHL Output Shaft (B)	3170	3170	3170	3170	3170	3170	3170	3170	3170	-	-	-

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

Blank areas (-) indicate configuration not available

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ILH-30



SELECTION

IN-LINE HELICAL REDUCER (ILH)

SIZE: H_683

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		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
281.01	Output RPM	12	6	4	12	6	4	-	-	-	-	-	-
	Input HP (Max) (C)	1.38	0.70	0.46	1.38	0.70	0.46	-	-	-	-	-	-
	Output Torque, In-Lb	7081	7081	7081	7081	7081	7081	-	-	-	-	-	-
	OHL Input Shaft (A)	(A)	219	228	(A)	346	359	-	-	-	-	-	-
	OHL Output Shaft (B)	3170	3170	3170	3170	3170	3170	-	-	-	-	-	-

NOTES:

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

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