



# SELECTION

## IN-LINE HELICAL REDUCER (ILH)

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

SIZE: H\_1082

60 HZ

### DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
5.51	Output RPM	-	-	-	626	318	211	626	318	211	626	318	211
	Input HP (Max) (C)	-	-	-	64.51	32.72	21.69	89.59	45.44	30.12	139.62	75.54	50.76
	Output Torque, In-Lb	-	-	-	6493	6493	6493	9018	9018	9018	14054	14990	15195
	OHL Input Shaft	-	-	-	(A)	949	988	(A)	1473	1584	(A)	1695	2041
	OHL Output Shaft (B)	-	-	-	(A)	3312	3705	(A)	3312	3705	(A)	3312	3705
6.41	Output RPM	-	-	-	538	273	181	538	273	181	538	273	181
	Input HP (Max) (C)	-	-	-	64.52	32.73	21.69	89.60	45.45	30.13	124.69	67.46	45.32
	Output Torque, In-Lb	-	-	-	7555	7555	7555	10492	10492	10492	14601	15573	15785
	OHL Input Shaft	-	-	-	(A)	948	987	(A)	1440	1577	(A)	1714	2062
	OHL Output Shaft (B)	-	-	-	(A)	3312	3705	(A)	3312	3705	(A)	3312	3705
7.10	Output RPM	486	246	163	486	246	163	486	246	163	486	246	163
	Input HP (Max) (C)	27.35	13.87	9.19	64.55	32.75	21.71	89.65	45.47	30.14	115.29	62.38	41.35
	Output Torque, In-Lb	3547	3547	3547	8373	8373	8373	11628	11628	11628	14954	15950	15950
	OHL Input Shaft	(A)	838	873	(A)	943	984	(A)	1412	1585	(A)	1724	2081
	OHL Output Shaft (B)	(A)	3705	3705	(A)	3705	3705	(A)	3705	3705	(A)	3705	3705
8.27	Output RPM	-	-	-	417	212	140	417	212	140	417	212	140
	Input HP (Max) (C)	-	-	-	64.56	32.75	21.71	89.66	45.48	30.15	146.32	92.12	61.06
	Output Torque, In-Lb	-	-	-	9753	9753	9753	13545	13545	13545	22105	27438	27438
	OHL Input Shaft	-	-	-	(A)	949	988	(A)	1473	1584	(A)	1518	1891
	OHL Output Shaft (B)	-	-	-	(A)	3705	4037	(A)	3705	4037	(A)	3705	4037
9.62	Output RPM	-	-	-	359	182	121	359	182	121	359	182	121
	Input HP (Max) (C)	-	-	-	64.57	32.75	21.71	89.67	45.49	30.15	132.90	79.20	52.50
	Output Torque, In-Lb	-	-	-	11348	11348	11348	15759	15759	15759	23356	27438	27438
	OHL Input Shaft	-	-	-	(A)	948	987	(A)	1439	1577	(A)	1588	1945
	OHL Output Shaft (B)	-	-	-	3312	3705	4037	3312	3705	4037	3312	3705	4037
10.67	Output RPM	323	164	109	323	164	109	323	164	109	323	164	109
	Input HP (Max) (C)	27.33	13.86	9.19	64.52	32.73	21.69	89.61	45.45	30.13	124.28	71.40	47.33
	Output Torque, In-Lb	5327	5327	5327	12577	12577	12577	17466	17466	17466	24224	27438	27438
	OHL Input Shaft	(A)	838	873	(A)	943	984	(A)	1413	1585	(A)	1621	1978
	OHL Output Shaft (B)	3312	3705	4037	3312	3705	4037	3312	3705	4037	3312	3705	4037
12.68	Output RPM	272	138	91	272	138	91	272	138	91	272	138	91
	Input HP (Max) (C)	27.33	13.86	9.19	64.36	32.73	21.69	84.97	45.45	30.13	111.07	60.08	39.83
	Output Torque, In-Lb	6331	6331	6331	14908	14945	14945	19682	20755	20755	25729	27438	27438
	OHL Input Shaft	(A)	843	869	(A)	949	988	(A)	1360	1578	(A)	1668	2024
	OHL Output Shaft (B)	3312	4037	4288	3312	4037	4288	3312	4037	4288	3312	4037	4288
14.63	Output RPM	236	120	79	236	120	79	236	120	79	236	120	79
	Input HP (Max) (C)	27.34	13.87	9.19	62.19	32.74	21.70	79.92	43.55	28.97	100.19	52.08	34.52
	Output Torque, In-Lb	7306	7306	7306	16620	17248	17248	21360	22945	23024	26776	27438	27438
	OHL Input Shaft	(A)	843	877	(A)	951	983	(A)	1332	1588	(A)	1702	2060
	OHL Output Shaft (B)	3705	4037	4288	3705	4037	4288	3705	4037	4288	3705	4037	4288
17.19	Output RPM	201	102	67	201	102	67	201	102	67	201	102	67
	Input HP (Max) (C)	27.34	13.87	9.19	59.33	31.85	21.45	74.14	40.41	26.87	87.37	44.32	29.38
	Output Torque, In-Lb	8585	8585	8585	18631	19720	20034	23282	25015	25098	27438	27438	27438
	OHL Input Shaft	(A)	842	877	(A)	951	989	(A)	1266	1585	(A)	1734	2092
	OHL Output Shaft (B)	3705	4037	4288	3705	4037	4288	3705	4037	4288	3705	4037	4288

(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  
DOUBLE REDUCTION

SIZE: H\_1082  
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
19.48	Output RPM	177	90	60	177	90	60	177	90	60	177	90	60
	Input HP (Max) (C)	27.34	13.87	9.19	56.88	30.54	20.57	69.86	38.07	25.32	77.10	39.11	25.92
	Output Torque, In-Lb	9728	9728	9728	20243	21426	21771	24860	26711	26801	27438	27438	27438
	OHL Input Shaft (A)	839	874	(A)	935	988	(A)	1199	1567	(A)	1756	2113	
	OHL Output Shaft (B)	3705	4288	5138	3705	4288	5138	3705	4288	5138	3705	4288	5138
22.86	Output RPM	151	77	51	151	77	51	151	77	51	151	77	51
	Input HP (Max) (C)	27.34	13.87	9.19	51.23	28.78	19.38	64.94	33.33	22.09	65.70	33.33	22.09
	Output Torque, In-Lb	11416	11416	11416	21395	23697	24068	27119	27438	27438	27438	27438	27438
	OHL Input Shaft (A)	840	869	(A)	646	983	(A)	1206	1575	(A)	1779	2137	
	OHL Output Shaft (B)	4037	4288	5138	4037	4288	5138	4037	4288	5138	4037	4288	5138
24.94	Output RPM	138	70	47	138	70	47	138	70	47	138	70	47
	Input HP (Max) (C)	27.17	13.87	9.19	47.69	27.82	18.74	60.22	30.55	20.25	60.22	30.55	20.25
	Output Torque, In-Lb	12381	12454	12454	21728	24992	25389	27438	27438	27438	27438	27438	27438
	OHL Input Shaft (A)	756	873	(A)	480	991	(A)	1235	1584	(A)	1791	2147	
	OHL Output Shaft (B)	4037	4288	5138	4037	4288	5138	4037	4288	5138	4037	4288	5138
27.20	Output RPM	127	64	43	127	64	43	127	64	43	127	64	43
	Input HP (Max) (C)	26.07	13.87	9.19	44.37	26.98	18.17	55.13	27.96	18.54	55.13	27.96	18.54
	Output Torque, In-Lb	12955	13585	13585	22049	26426	26846	27394	27394	27394	27394	27394	27394
	OHL Input Shaft (A)	611	869	(A)	286	944	(A)	1262	1580	(A)	1802	2159	
	OHL Output Shaft (B)	4037	4288	5138	4037	4288	5138	4037	4288	5138	4037	4288	5138
29.35	Output RPM	118	60	40	118	60	40	118	60	40	118	60	40
	Input HP (Max) (C)	25.11	13.44	9.08	41.60	25.65	17.21	51.17	25.96	17.21	51.17	25.96	17.21
	Output Torque, In-Lb	13463	14205	14477	22307	27110	27438	27438	27438	27438	27438	27438	27438
	OHL Input Shaft (A)	544	876	(A)	221	896	(A)	1281	1583	(A)	1809	2166	
	OHL Output Shaft (B)	4037	5138	5138	4037	5138	5138	4037	5138	5138	4037	5138	5138
32.81	Output RPM	105	53	35	105	53	35	105	53	35	-	-	-
	Input HP (Max) (C)	23.72	12.70	8.58	37.81	23.22	15.39	45.78	23.22	15.39	-	-	-
	Output Torque, In-Lb	14219	15004	15292	22664	27437	27437	27437	27437	27437	-	-	-
	OHL Input Shaft (A)	459	813	(A)	240	975	(A)	1307	1580	-	-	-	-
	OHL Output Shaft (B)	4037	5138	6261	4037	5138	6261	4037	5138	6261	-	-	-
35.14	Output RPM	98	50	33	98	50	33	98	50	33	-	-	-
	Input HP (Max) (C)	22.37	12.30	8.31	35.62	21.68	14.37	42.74	21.68	14.37	-	-	-
	Output Torque, In-Lb	14358	15560	15858	22869	27438	27438	27438	27438	27438	-	-	-
	OHL Input Shaft (A)	399	750	(A)	283	987	(A)	1323	1583	-	-	-	-
	OHL Output Shaft (B)	4288	5138	6261	4288	5138	6261	4288	5138	6261	-	-	-
37.79	Output RPM	91	46	31	91	46	31	-	-	-	-	-	-
	Input HP (Max) (C)	20.99	11.88	8.03	33.43	20.16	13.36	-	-	-	-	-	-
	Output Torque, In-Lb	14489	16170	16481	23081	27438	27438	-	-	-	-	-	-
	OHL Input Shaft (A)	330	680	(A)	325	989	-	-	-	-	-	-	-
	OHL Output Shaft (B)	4288	5138	6261	4288	5138	6261	-	-	-	-	-	-
40.82	Output RPM	85	43	28	85	43	28	-	-	-	-	-	-
	Input HP (Max) (C)	19.61	11.50	7.77	31.23	18.66	12.37	-	-	-	-	-	-
	Output Torque, In-Lb	14626	16900	17224	23286	27438	27438	-	-	-	-	-	-
	OHL Input Shaft (A)	248	594	(A)	368	991	-	-	-	-	-	-	-
	OHL Output Shaft (B)	4288	5138	6261	4288	5138	6261	-	-	-	-	-	-

(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\_1082

60 HZ

### DOUBLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
44.31	Output RPM	78	39	26	78	39	26	-	-	-	-	-	-
	Input HP (Max) (C)	18.24	11.12	7.51	29.03	17.19	11.40	-	-	-	-	-	-
	Output Torque, In-Lb	14761	17748	18089	23497	27438	27438	-	-	-	-	-	-
	OHL Input Shaft (A)	147	496	496	(A) 409	993	993	-	-	-	-	-	-
	OHL Output Shaft (B)	4288	6261	6261	4288	6261	6261	-	-	-	-	-	-
48.38	Output RPM	71	36	24	71	36	24	-	-	-	-	-	-
	Input HP (Max) (C)	16.86	10.36	7.12	24.98	15.75	9.28	-	-	-	-	-	-
	Output Torque, In-Lb	14897	18052	18727	22080	27438	24389	-	-	-	-	-	-
	OHL Input Shaft (A)	126	428	428	(A) 446	990	990	-	-	-	-	-	-
	OHL Output Shaft (B)	4288	6261	7343	4288	6261	7343	-	-	-	-	-	-

### NOTES:

(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  
TRIPLE REDUCTION

SIZE: H\_1083  
60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 80D 80			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	3450	1750	1160
42.61	Output RPM	-	-	-	-	-	-	-	-	-	81	41	27	81	41	27	81	41	27
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	27.34	13.87	9.19	29.23	17.88	11.85	29.23	17.88	11.85
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	21283	21283	21283	22749	27438	27438	22749	27438	27438
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	838	873	(A)	950	990	(A)	1530	1594
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	4288	5138	6261	4288	5138	6261	4288	5138	6261
51.97	Output RPM	-	-	-	-	-	-	66	34	22	66	34	22	66	34	22	66	34	22
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	25.76	13.87	9.19	25.76	14.66	9.72	25.76	14.66	9.72
	Output Torque, In-Lb	-	-	-	-	-	-	19387	19387	19387	24460	25958	25958	24460	27438	27438	24460	27438	27438
	OHL Input Shaft	-	-	-	-	-	-	(A)	713	742	(A)	843	868	(A)	955	994	(A)	1533	1596
	OHL Output Shaft (B)	-	-	-	-	-	-	4288	6261	7343	4288	6261	7343	4288	6261	7343	4288	6261	7343
60.90	Output RPM	-	-	-	-	-	-	57	29	19	57	29	19	57	29	19	57	29	19
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	23.06	12.51	8.29	23.06	12.51	8.29	23.06	12.51	8.29
	Output Torque, In-Lb	-	-	-	-	-	-	22716	22716	22716	27438	27438	25651	27438	27438	25651	27438	27438	27438
	OHL Input Shaft	-	-	-	-	-	-	(A)	713	742	(A)	835	870	(A)	957	996	(A)	1534	1597
	OHL Output Shaft (B)	-	-	-	-	-	-	5138	6261	7343	5138	6261	7343	5138	6261	7343	5138	6261	7343
71.59	Output RPM	48	24	16	48	24	16	48	24	16	48	24	16	48	24	16	-	-	-
	Input HP (Max) (C)	4.84	2.46	1.63	9.86	5.00	3.32	20.42	10.36	6.87	20.59	10.64	7.05	20.59	10.64	7.05	-	-	-
	Output Torque, In-Lb	6336	6336	6336	12899	12899	12899	26703	26703	26703	26927	27438	27438	26927	27438	27438	-	-	-
	OHL Input Shaft	(A)	346	360	(A)	452	470	(A)	711	740	(A)	839	874	(A)	958	997	-	-	-
	OHL Output Shaft (B)	5138	7343	7343	5138	7343	7343	5138	7343	7343	5138	7343	7343	5138	7343	7343	-	-	-
82.14	Output RPM	42	21	14	42	21	14	42	21	14	42	21	14	42	21	14	-	-	-
	Input HP (Max) (C)	4.84	2.46	1.63	9.86	5.00	3.32	18.29	9.28	6.15	18.29	9.28	6.15	18.29	9.28	6.15	-	-	-
	Output Torque, In-Lb	7270	7270	7270	14799	14799	14799	27438	27438	27438	27438	27438	27438	27438	27438	27438	-	-	-
	OHL Input Shaft	(A)	346	360	(A)	453	472	(A)	712	741	(A)	838	872	(A)	958	997	-	-	-
	OHL Output Shaft (B)	5138	7343	7343	5138	7343	7343	5138	7343	7343	5138	7343	7343	5138	7343	7343	-	-	-
96.94	Output RPM	36	18	12	36	18	12	36	18	12	36	18	12	36	18	12	-	-	-
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	15.49	7.86	5.21	15.49	7.86	5.21	15.49	7.86	5.21	-	-	-
	Output Torque, In-Lb	8580	8580	8580	17467	17467	17467	27438	27438	27438	27438	27438	27438	27438	27438	27438	-	-	-
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	713	743	(A)	841	875	(A)	958	998	-	-	-
	OHL Output Shaft (B)	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	-	-	-
105.08	Output RPM	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11	-	-	-
	Input HP (Max) (C)	4.84	2.46	1.63	9.86	5.00	3.32	14.29	7.25	4.81	14.29	7.25	4.81	14.29	7.25	4.81	-	-	-
	Output Torque, In-Lb	9300	9300	9300	18933	18933	18933	27438	27438	27438	27438	27438	27438	27438	27438	27438	-	-	-
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	714	743	(A)	842	876	(A)	959	998	-	-	-
	OHL Output Shaft (B)	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	-	-	-
116.83	Output RPM	30	15	10	30	15	10	30	15	10	30	15	10	30	15	10	-	-	-
	Input HP (Max) (C)	4.84	2.46	1.63	9.86	5.00	3.32	12.86	6.52	4.32	12.86	6.52	4.32	12.86	6.52	4.32	-	-	-
	Output Torque, In-Lb	10340	10340	10340	21050	21050	21050	27438	27438	27438	27438	27438	27438	27438	27438	27438	-	-	-
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	714	736	(A)	843	877	(A)	959	998	-	-	-
	OHL Output Shaft (B)	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	-	-	-
126.90	Output RPM	27	14	9	27	14	9	27	14	9	27	14	9	27	14	9	-	-	-
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	11.84	6.00	3.98	11.84	6.00	3.98	11.84	6.00	3.98	-	-	-
	Output Torque, In-Lb	11232	11232	11232	22865	22865	22865	27438	27438	27438	27438	27438	27438	27438	27438	27438	-	-	-
	OHL Input Shaft	(A)	346	360	(A)	455	473	(A)	708	738	(A)	843	878	(A)	959	998	-	-	-
	OHL Output Shaft (B)	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	6261	7343	7343	-	-	-

(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\_1083

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

60 HZ

### TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 80D 80			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	3450	1750	1160	
140.37	Output RPM	25	12	8	25	12	8	25	12	8	25	12	8	-	-	-	-	-	-	
	Input HP (Max) (C)	4.85	2.46	1.63	9.86	5.00	3.32	10.70	5.43	3.60	10.70	5.43	3.60	-	-	-	-	-	-	
	Output Torque, In-Lb	12424	12424	12424	25292	25292	25292	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	
	OHL Input Shaft (A)	346	360	(A)	453	472	(A)	710	736	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-
150.70	Output RPM	23	12	8	23	12	8	23	12	8	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.84	2.46	1.63	9.63	5.00	3.32	9.97	5.06	3.35	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	13338	13338	13338	26520	27153	27153	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	346	360	(A)	454	470	(A)	708	738	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
162.40	Output RPM	21	11	7	21	11	7	21	11	7	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.85	2.46	1.63	9.25	4.69	3.11	9.25	4.69	3.11	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	14374	14374	14374	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	346	360	(A)	453	471	(A)	710	739	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
175.78	Output RPM	20	10	7	20	10	7	20	10	7	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.84	2.46	1.63	8.54	4.33	2.87	8.54	4.33	2.87	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	15558	15558	15558	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	345	359	(A)	453	470	(A)	711	740	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
191.21	Output RPM	18	9	6	18	9	6	18	9	6	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.85	2.46	1.63	7.86	3.98	2.64	7.86	3.98	2.64	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	16924	16924	16924	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	345	359	(A)	453	470	(A)	712	741	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
209.21	Output RPM	16	8	6	16	8	6	16	8	6	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.85	2.46	1.63	7.18	3.64	2.41	7.18	3.64	2.41	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	18518	18518	18518	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	345	358	(A)	452	474	(A)	712	741	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
235.19	Output RPM	15	7	5	15	7	5	15	7	5	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.84	2.46	1.63	6.39	3.24	2.15	6.39	3.24	2.15	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	20816	20816	20816	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	343	357	(A)	456	474	(A)	713	742	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
256.86	Output RPM	13	7	5	13	7	5	13	7	5	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.60	2.46	1.63	5.85	2.97	1.97	5.85	2.97	1.97	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	21583	22734	22734	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	343	356	(A)	456	474	(A)	713	742	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-
284.73	Output RPM	12	6	4	12	6	4	12	6	4	-	-	-	-	-	-	-	-	-	
	Input HP (Max) (C)	4.31	2.37	1.55	5.28	2.68	1.77	5.28	2.68	1.77	-	-	-	-	-	-	-	-	-	
	Output Torque, In-Lb	22424	24314	24048	27438	27438	27438	27438	27438	27438	27438	-	-	-	-	-	-	-	-	
	OHL Input Shaft (A)	343	356	(A)	456	474	(A)	714	743	(A)	844	878	(A)	844	878	(A)	844	878	(A)	844
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-

(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\_1083

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

60 HZ

### TRIPLE REDUCTION

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		--- 80D 80			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	3450	1750	1160
325.21	Output RPM	11	5	4	11	5	4	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	3.94	2.17	1.42	4.62	2.34	1.55	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	23398	25439	25099	27438	27438	27438	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft	(A)	343	356	(A)	(A)	(A)	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-	-	-	-
359.30	Output RPM	10	5	3	10	5	3	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	3.67	2.03	1.32	4.09	2.12	1.41	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	24070	26218	25826	26862	27438	27438	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft	(A)	343	357	(A)	(A)	(A)	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	7343	7343	7343	7343	7343	7343	-	-	-	-	-	-	-	-	-	-	-	-

**NOTES:**

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

Blank areas ( - ) indicate configuration not available

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