

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_383

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D			180TC 100D		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
5.65	Output RPM	610	310	205	610	310	205	610	310	205	610	310	205
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.99	5	3.27	6.99	5.6	3.27
	Output Torque, In-Lb	411	411	411	500	500	500	722	1019	1004	722	1140	1004
	OHL Input Shaft (A)	209	218	(A)	346	360	(A)	456	475	(A)	711	742	742
	OHL Output Shaft (B)	(A)	589	620	(A)	589	620	(A)	589	620	(A)	589	620
6.22	Output RPM	555	281	187	555	281	187	555	281	187	555	281	187
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.57	5	3.07	6.57	5.26	3.07
	Output Torque, In-Lb	452	452	452	550	550	550	746	1120	1038	746	1177	1038
	OHL Input Shaft (A)	211	217	(A)	346	360	(A)	456	475	(A)	711	742	742
	OHL Output Shaft (B)	(A)	589	620	(A)	589	620	(A)	589	620	(A)	589	620
7.22	Output RPM	478	242	161	478	242	161	478	242	161	478	242	161
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.95	4.76	2.78	5.95	4.76	2.78
	Output Torque, In-Lb	525	525	525	639	639	639	786	1237	1092	786	1237	1092
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	456	475	(A)	712	743	743
	OHL Output Shaft (B)	(A)	620	620	(A)	620	620	(A)	620	620	(A)	620	620
7.82	Output RPM	441	224	148	441	224	148	441	224	148	441	224	148
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.65	4.51	2.64	5.65	4.51	2.64
	Output Torque, In-Lb	569	569	569	692	692	692	807	1270	1122	807	1270	1122
	OHL Input Shaft (A)	210	219	(A)	346	360	(A)	456	471	(A)	713	743	743
	OHL Output Shaft (B)	(A)	620	617	(A)	620	617	(A)	620	617	(A)	620	617
8.85	Output RPM	390	198	131	390	198	131	390	198	131	390	198	131
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.21	4.15	2.43	5.21	4.15	2.43
	Output Torque, In-Lb	643	643	643	783	783	783	841	1322	1169	841	1322	1169
	OHL Input Shaft (A)	209	218	(A)	346	360	(A)	456	471	(A)	713	743	743
	OHL Output Shaft (B)	589	620	617	589	620	617	589	620	617	589	620	617
9.72	Output RPM	355	180	119	355	180	119	355	180	119	355	180	119
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	4.89	3.9	2.29	4.89	3.9	2.29
	Output Torque, In-Lb	707	707	707	860	860	860	868	1364	1207	868	1364	1207
	OHL Input Shaft (A)	210	217	(A)	346	360	(A)	456	472	(A)	713	743	743
	OHL Output Shaft (B)	589	620	617	589	620	617	589	620	617	589	620	617
10.72	Output RPM	322	163	108	322	163	108	322	163	108	322	163	108
	Input HP (Max) (C)	3.98	2.02	1.34	4.58	2.46	1.63	4.58	3.64	2.14	4.58	3.64	2.14
	Output Torque, In-Lb	731	779	779	896	949	949	896	1404	1246	896	1404	1246
	OHL Input Shaft (A)	209	217	(A)	345	359	(A)	457	471	(A)	713	743	743
	OHL Output Shaft (B)	589	620	617	589	620	617	589	620	617	589	620	617
11.50	Output RPM	300	152	101	300	152	101	300	152	101	300	152	101
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.99	5	3.27	6.99	5.34	3.27
	Output Torque, In-Lb	836	836	836	1018	1018	1018	1468	2072	2042	1468	2213	2042
	OHL Input Shaft (A)	209	218	(A)	346	360	(A)	456	475	(A)	712	742	742
	OHL Output Shaft (B)	589	617	617	589	617	617	589	617	617	589	617	617
12.65	Output RPM	273	138	92	273	138	92	273	138	92	273	138	92
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.57	4.86	3.07	6.57	4.86	3.07
	Output Torque, In-Lb	920	920	920	1120	1120	1120	1518	2213	2111	1518	2213	2111
	OHL Input Shaft (A)	211	217	(A)	346	360	(A)	456	475	(A)	713	742	742
	OHL Output Shaft (B)	589	617	726	589	617	726	589	617	726	589	617	726

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-90	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	---------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_383

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			180TC 100D		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
14.69	Output RPM	235	119	79	235	119	79	235	119	79	235	119	79
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.95	4.18	2.77	5.95	4.18	2.77
	Output Torque, In-Lb	1068	1068	1068	1301	1301	1301	1598	2213	2213	1598	2213	2213
	OHL Input Shaft (A)	(A)	210	219	(A)	346	360	(A)	457	470	(A)	714	743
	OHL Output Shaft (B)	620	617	726	620	617	726	620	617	726	620	617	726
15.91	Output RPM	217	110	73	217	110	73	217	110	73	217	110	73
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.65	3.86	2.56	5.65	3.86	2.56
	Output Torque, In-Lb	1157	1157	1157	1408	1408	1408	1642	2213	2213	1642	2213	2213
	OHL Input Shaft (A)	(A)	210	219	(A)	346	360	(A)	453	472	(A)	714	743
	OHL Output Shaft (B)	620	617	726	620	617	726	620	617	726	620	617	726
17.99	Output RPM	192	97	65	192	97	65	192	97	65	192	97	65
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.21	3.41	2.26	5.21	3.41	2.26
	Output Torque, In-Lb	1308	1308	1308	1593	1593	1593	1711	2213	2213	1711	2213	2213
	OHL Input Shaft (A)	(A)	209	218	(A)	346	360	(A)	453	472	(A)	714	743
	OHL Output Shaft (B)	620	726	726	620	726	726	620	726	726	620	726	726
19.78	Output RPM	175	89	59	175	89	59	175	89	59	175	89	59
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	4.89	3.11	2.06	4.89	3.11	2.06
	Output Torque, In-Lb	1438	1438	1438	1750	1750	1750	1766	2213	2213	1766	2213	2213
	OHL Input Shaft (A)	(A)	210	217	(A)	346	360	(A)	454	473	(A)	715	744
	OHL Output Shaft (B)	620	726	926	620	726	926	620	726	926	620	726	926
21.81	Output RPM	158	80	53	158	80	53	158	80	53	158	80	53
	Input HP (Max) (C)	3.98	2.02	1.34	4.58	2.46	1.63	4.58	2.82	1.87	4.58	2.82	1.87
	Output Torque, In-Lb	1488	1586	1586	1824	1931	1931	1824	2213	2213	1824	2213	2213
	OHL Input Shaft (A)	(A)	210	217	(A)	345	359	(A)	455	474	(A)	715	744
	OHL Output Shaft (B)	617	726	926	617	726	926	617	726	926	617	726	926
24.16	Output RPM	143	72	48	143	72	48	143	72	48	143	72	48
	Input HP (Max) (C)	3.98	1.89	1.34	4.27	2.46	1.63	4.27	2.54	1.69	4.27	2.54	1.69
	Output Torque, In-Lb	1538	1648	1757	1886	2138	2138	1886	2213	2213	1886	2213	2213
	OHL Input Shaft (A)	(A)	209	217	(A)	345	359	(A)	456	474	(A)	715	744
	OHL Output Shaft (B)	617	726	926	617	726	926	617	726	926	617	726	926
26.90	Output RPM	128	65	43	128	65	43	128	65	43	128	65	43
	Input HP (Max) (C)	3.87	1.76	1.34	3.97	2.28	1.51	3.97	2.28	1.51	3.97	2.28	1.51
	Output Torque, In-Lb	1900	1701	1956	1952	2213	2213	1952	2213	2213	1952	2213	2213
	OHL Input Shaft (A)	(A)	209	217	(A)	345	359	(A)	456	475	(A)	715	744
	OHL Output Shaft (B)	617	726	926	617	726	926	617	726	926	617	726	926
28.70	Output RPM	120	61	40	120	61	40	120	61	40	120	61	40
	Input HP (Max) (C)	3.98	2.02	1.34	4.07	2.14	1.42	4.07	2.14	1.42	4.07	2.14	1.42
	Output Torque, In-Lb	2088	2088	2088	2133	2213	2213	2133	2213	2213	2133	2213	2213
	OHL Input Shaft (A)	(A)	209	218	(A)	346	360	(A)	457	476	(A)	713	741
	OHL Output Shaft (B)	617	926	926	617	926	926	617	926	926	617	926	926
31.59	Output RPM	109	55	37	109	55	37	109	55	37	109	55	37
	Input HP (Max) (C)	3.80	1.94	1.29	3.80	1.94	1.29	3.80	1.91	1.29	3.80	1.94	1.29
	Output Torque, In-Lb	2195	2213	2213	2195	2213	2213	2195	2213	2213	2195	2213	2213
	OHL Input Shaft (A)	(A)	209	218	(A)	346	360	(A)	453	472	(A)	713	742
	OHL Output Shaft (B)	617	926	1150	617	926	1150	617	926	1150	617	926	1150

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-90	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	---------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_383

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

60 HZ

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D			180TC 100D		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
36.69	Output RPM	94	48	32	94	48	32	94	48	32	94	48	32
	Input HP (Max) (C)	3.30	1.68	1.11	3.30	1.67	1.11	3.30	1.67	1.11	3.30	1.67	1.11
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	209	218	(A)	344	357	(A)	454	472	(A)	714	743	743
	OHL Output Shaft (B)	726	926	1150	726	926	1150	726	926	1150	726	926	1150
39.73	Output RPM	87	44	29	87	44	29	87	44	29	87	44	29
	Input HP (Max) (C)	3.05	1.55	1.03	3.05	1.55	1.03	3.05	1.55	1.03	3.05	1.55	1.03
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	210	218	(A)	343	357	(A)	455	473	(A)	714	743	743
	OHL Output Shaft (B)	726	926	1150	726	926	1150	726	926	1150	726	926	1150
44.94	Output RPM	77	39	26	77	39	26	77	39	26	77	39	26
	Input HP (Max) (C)	2.70	1.37	0.91	2.70	1.37	0.91	2.70	1.37	0.91	2.70	1.37	0.91
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	210	219	(A)	344	358	(A)	456	474	(A)	714	743	743
	OHL Output Shaft (B)	726	1150	1150	726	1150	1150	726	1150	1150	726	1150	1150
49.38	Output RPM	70	35	24	70	35	24	70	35	24	70	35	24
	Input HP (Max) (C)	2.45	1.24	0.83	2.45	1.24	0.82	2.45	1.24	0.82	2.45	1.24	0.82
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	211	219	(A)	345	359	(A)	456	474	(A)	714	743	743
	OHL Output Shaft (B)	726	1150	1411	726	1150	1411	726	1150	1411	726	1150	1411
54.47	Output RPM	63	32	21	63	32	21	63	32	21	63	32	21
	Input HP (Max) (C)	2.22	1.13	0.75	2.22	1.13	0.75	2.22	1.13	0.75	2.22	1.13	0.75
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	211	219	(A)	345	359	(A)	456	475	(A)	715	744	744
	OHL Output Shaft (B)	926	1150	1411	926	1150	1411	926	1150	1411	926	1150	1411
60.33	Output RPM	57	29	19	57	29	19	57	29	19	57	29	19
	Input HP (Max) (C)	2.01	1.02	0.68	2.01	1.02	0.68	2.01	1.02	0.68	2.01	1.02	0.68
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	211	219	(A)	346	359	(A)	457	475	(A)	715	744	744
	OHL Output Shaft (B)	926	1150	1411	926	1150	1411	926	1150	1411	926	1150	1411
67.18	Output RPM	51	26	17	51	26	17	51	26	17	51	26	17
	Input HP (Max) (C)	1.80	0.91	0.61	1.80	0.91	0.61	1.80	0.91	0.61	1.80	0.91	0.61
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	211	220	(A)	346	360	(A)	457	475	(A)	715	744	744
	OHL Output Shaft (B)	926	1150	1411	926	1150	1411	926	1150	1411	926	1150	1411
77.09	Output RPM	45	23	15	45	23	15	45	23	15	45	23	15
	Input HP (Max) (C)	1.57	0.8	0.53	1.57	0.8	0.53	1.57	0.8	0.53	1.57	0.8	0.53
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213	2213
	OHL Input Shaft (A)	211	220	(A)	346	360	(A)	457	475	(A)	715	744	744
	OHL Output Shaft (B)	926	1411	1411	926	1411	1411	926	1411	1411	926	1411	1411
85.33	Output RPM	40	21	13	40	21	13	40	21	13	-	-	-
	Input HP (Max) (C)	1.42	0.72	0.48	1.42	0.72	0.48	1.42	0.72	0.48	-	-	-
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	-	-	-
	OHL Input Shaft (A)	211	220	(A)	346	360	(A)	457	476	(A)	-	-	-
	OHL Output Shaft (B)	1150	1411	1411	1150	1411	1411	1150	1411	1411	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-90	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	---------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_383

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			180TC 100D		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
97.05	Output RPM	36	18	12	36	18	12	36	18	12	-	-	-
	Input HP (Max) (C)	1.25	0.63	0.42	1.25	0.63	0.42	1.25	0.63	0.42	-	-	-
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	-	-	-
	OHL Input Shaft (A)	(A)	210	218	(A)	346	360	(A)	457	475	-	-	-
	OHL Output Shaft (B)	1150	1411	1411	1150	1411	1411	1150	1411	1411	-	-	-
110.75	Output RPM	31	16	11	31	16	11	31	16	11	-	-	-
	Input HP (Max) (C)	1.09	0.55	0.37	1.09	0.55	0.37	1.09	0.55	0.37	-	-	-
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	2213	2213	2213	-	-	-
	OHL Input Shaft (A)	(A)	210	218	(A)	346	360	(A)	457	476	-	-	-
	OHL Output Shaft (B)	1150	1411	1411	1150	1411	1411	1150	1411	1411	-	-	-
124.78	Output RPM	28	14	9	28	14	9	-	-	-	-	-	-
	Input HP (Max) (C)	0.97	0.49	0.33	0.97	0.49	0.33	-	-	-	-	-	-
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	-	-	-	-	-	-
	OHL Input Shaft (A)	(A)	210	219	(A)	346	360	-	-	-	-	-	-
	OHL Output Shaft (B)	1150	1411	1411	1150	1411	1411	-	-	-	-	-	-
139.44	Output RPM	25	13	8	25	13	8	-	-	-	-	-	-
	Input HP (Max) (C)	0.87	0.44	0.29	0.87	0.44	0.29	-	-	-	-	-	-
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	-	-	-	-	-	-
	OHL Input Shaft (A)	(A)	211	219	(A)	346	360	-	-	-	-	-	-
	OHL Output Shaft (B)	1411	1411	1411	1411	1411	1411	-	-	-	-	-	-
159.04	Output RPM	22	11	7	22	11	7	-	-	-	-	-	-
	Input HP (Max) (C)	0.76	0.39	0.26	0.76	0.39	0.26	-	-	-	-	-	-
	Output Torque, In-Lb	2213	2213	2213	2213	2213	2213	-	-	-	-	-	-
	OHL Input Shaft (A)	(A)	211	219	(A)	346	360	-	-	-	-	-	-
	OHL Output Shaft (B)	1411	1411	1411	1411	1411	1411	-	-	-	-	-	-
179.13	Output RPM	19	10	7	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	0.68	0.34	0.23	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	2213	2213	2213	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	(A)	211	219	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	1411	1411	1411	-	-	-	-	-	-	-	-	-

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

Blank areas (-) indicate configuration not available

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-90	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	---------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_483

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

60 HZ

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
7.22	Output RPM	478	242	161	478	242	161	478	242	161	478	242	161
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.86	5.01	3.32	12.95	9.90	6.05
	Output Torque, In-Lb	525	525	525	639	640	639	1301	1302	1302	1708	2573	2375
	OHL Input Shaft (A)	(A)	218	227	(A)	346	360	(A)	456	475	(A)	710	738
	OHL Output Shaft (B)	(A)	1032	1032	(A)	1032	1032	(A)	1032	1032	(A)	1032	1032
8.40	Output RPM	411	208	138	411	208	138	411	208	138	411	208	138
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.86	5.01	3.32	11.71	8.51	5.47
	Output Torque, In-Lb	611	611	611	743	744	743	1513	1514	1514	1797	2573	2498
	OHL Input Shaft (A)	(A)	217	226	(A)	346	360	(A)	456	475	(A)	711	739
	OHL Output Shaft (B)	(A)	1032	1110	(A)	1032	1110	(A)	1032	1110	(A)	1032	1110
9.32	Output RPM	370	188	125	370	188	125	370	188	125	370	188	125
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	10.92	7.67	5.08
	Output Torque, In-Lb	678	678	678	825	825	825	1679	1680	1680	1859	2573	2572
	OHL Input Shaft (A)	(A)	219	228	(A)	346	360	(A)	455	475	(A)	712	740
	OHL Output Shaft (B)	(A)	1032	1110	(A)	1032	1110	(A)	1032	1110	(A)	1032	1110
10.15	Output RPM	340	172	114	340	172	114	340	172	114	340	172	114
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.86	4.99	3.32	10.31	7.04	4.66
	Output Torque, In-Lb	738	738	738	898	899	898	1772	1825	1828	1912	2573	2572
	OHL Input Shaft (A)	(A)	219	228	(A)	346	360	(A)	454	475	(A)	712	741
	OHL Output Shaft (B)	(A)	1032	1110	(A)	1032	1110	(A)	1032	1110	(A)	1032	1110
11.95	Output RPM	289	146	97	289	146	97	340	146	97	340	146	97
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	12.95	8.70	6.05
	Output Torque, In-Lb	869	869	869	1058	1059	1058	2154	2155	2154	2827	3747	3930
	OHL Input Shaft (A)	(A)	218	227	(A)	346	360	(A)	456	475	(A)	710	738
	OHL Output Shaft (B)	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149
13.90	Output RPM	248	126	84	248	126	84	248	126	84	248	126	84
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.86	5.01	3.32	11.71	7.83	5.27
	Output Torque, In-Lb	1011	1011	1011	1230	1231	1230	2504	2506	2504	2973	3921	3983
	OHL Input Shaft (A)	(A)	218	227	(A)	346	360	(A)	456	475	(A)	711	740
	OHL Output Shaft (B)	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149
15.42	Output RPM	224	113	75	224	113	75	224	113	75	224	113	75
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	10.92	7.17	4.75
	Output Torque, In-Lb	1121	1122	1121	1365	1366	1365	2779	2780	2779	3077	3985	3983
	OHL Input Shaft (A)	(A)	217	226	(A)	346	360	(A)	455	475	(A)	712	741
	OHL Output Shaft (B)	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149
16.79	Output RPM	205	104	69	205	104	69	205	104	69	205	104	69
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	9.56	4.99	3.32	10.31	6.59	4.37
	Output Torque, In-Lb	1221	1222	1221	1486	1487	1486	2933	3019	3026	3164	3985	3983
	OHL Input Shaft (A)	(A)	219	228	(A)	346	360	(A)	454	475	(A)	713	742
	OHL Output Shaft (B)	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149	(A)	1110	1149
18.78	Output RPM	184	93	62	184	93	62	184	93	62	184	93	62
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.40	1.63	9.10	4.75	3.28	9.56	5.89	3.90
	Output Torque, In-Lb	1366	1366	1366	1662	1626	1662	3123	3216	3350	3281	3985	3983
	OHL Input Shaft (A)	(A)	219	228	(A)	346	360	(A)	454	475	(A)	714	743
	OHL Output Shaft (B)	(A)	1149	1226	(A)	1149	1226	(A)	1149	1226	(A)	1149	1226

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-122	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_483

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
20.54	Output RPM	168	85	57	168	85	57	168	85	57	168	85	57
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.26	1.63	8.73	4.56	3.15	9.00	5.39	3.57
	Output Torque, In-Lb	1489	1494	1494	1818	1675	1818	3276	3373	3514	3378	3985	3983
	OHL Input Shaft (A)	(A)	218	227	(A)	346	360	(A)	454	475	(A)	714	743
	OHL Output Shaft (B)	1032	1149	1226	1032	1149	1226	1032	1149	1226	1032	1149	1226
22.54	Output RPM	153	78	52	153	78	52	153	78	52	153	78	52
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.12	1.63	8.35	4.36	3.01	8.45	4.91	3.25
	Output Torque, In-Lb	1533	1640	1639	1995	1724	1995	3437	3540	3688	3480	3985	3983
	OHL Input Shaft (A)	(A)	217	227	(A)	346	360	(A)	454	475	(A)	708	738
	OHL Output Shaft (B)	1110	1149	1226	1110	1149	1226	1110	1149	1226	1110	1149	1226
24.85	Output RPM	139	70	47	139	70	47	139	70	47	139	70	47
	Input HP (Max) (C)	3.98	1.98	1.34	4.85	1.98	1.63	7.91	4.15	2.87	7.91	4.45	2.95
	Output Torque, In-Lb	1577	1774	1807	2200	1774	2200	3589	3717	3873	3589	3985	3983
	OHL Input Shaft (A)	(A)	218	227	(A)	346	359	(A)	454	475	(A)	710	739
	OHL Output Shaft (B)	1110	1149	1226	1110	1149	1226	1110	1149	1226	1110	1149	1226
27.55	Output RPM	125	64	42	125	64	42	125	64	42	125	64	42
	Input HP (Max) (C)	3.87	1.84	1.34	4.84	1.84	1.63	7.37	3.94	2.66	7.37	4.04	2.66
	Output Torque, In-Lb	1945	1824	2003	2438	1824	2438	3708	3909	3983	3708	3985	3983
	OHL Input Shaft (A)	(A)	217	227	(A)	346	359	(A)	453	475	(A)	711	739
	OHL Output Shaft (B)	1110	1149	1226	1110	1149	1226	1110	1149	1226	1110	1149	1226
28.90	Output RPM	119	61	40	119	61	40	119	61	40	119	61	40
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.70	3.83	2.54	6.70	3.83	2.54
	Output Torque, In-Lb	2101	2102	2101	2558	2559	2558	3535	3985	3983	3535	3985	3983
	OHL Input Shaft (A)	(A)	218	227	(A)	346	358	(A)	455	473	(A)	715	744
	OHL Output Shaft (B)	1110	1226	1226	1110	1226	1226	1110	1226	1226	1110	1226	1226
33.60	Output RPM	103	52	35	103	52	35	103	52	35	103	52	35
	Input HP (Max) (C)	3.98	2.02	1.34	4.84	2.46	1.63	6.02	3.29	2.18	6.02	3.29	2.18
	Output Torque, In-Lb	2443	2444	2443	2974	2976	2974	3698	3985	3983	3698	3985	3983
	OHL Input Shaft (A)	(A)	218	226	(A)	346	360	(A)	456	474	(A)	715	744
	OHL Output Shaft (B)	1110	1226	1591	1110	1226	1591	1110	1226	1591	1110	1226	1591
37.28	Output RPM	93	47	31	93	47	31	93	47	31	93	47	31
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.60	2.97	1.97	5.60	2.97	1.97
	Output Torque, In-Lb	2711	2712	2711	3300	3302	3300	3815	3985	3983	3815	3985	3983
	OHL Input Shaft (A)	(A)	217	228	(A)	346	360	(A)	456	475	(A)	715	744
	OHL Output Shaft (B)	1149	1226	1591	1149	1226	1591	1149	1226	1591	1149	1226	1591
40.60	Output RPM	85	43	29	85	43	29	85	43	29	85	43	29
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.28	2.73	1.81	5.28	2.73	1.81
	Output Torque, In-Lb	2952	2954	2952	3594	3596	3594	3914	3985	3983	3914	3985	3983
	OHL Input Shaft (A)	(A)	219	228	(A)	346	360	(A)	457	475	(A)	715	744
	OHL Output Shaft (B)	1149	1226	1591	1149	1226	1591	1149	1226	1591	1149	1226	1591
45.41	Output RPM	76	39	26	76	39	26	76	39	26	76	39	26
	Input HP (Max) (C)	3.98	2.02	1.34	4.80	2.44	1.61	4.80	2.44	1.61	4.80	2.44	1.61
	Output Torque, In-Lb	3301	3303	3301	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	(A)	219	227	(A)	346	360	(A)	457	475	(A)	708	737
	OHL Output Shaft (B)	1149	1591	1591	1149	1591	1591	1149	1591	1591	1149	1591	1591

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-122	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_483

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

60 HZ

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
49.65	Output RPM	70	35	23	70	35	23	70	35	23	70	35	23
	Input HP (Max) (C)	3.98	2.02	1.34	4.39	2.23	1.48	4.39	2.23	1.48	4.39	2.23	1.48
	Output Torque, In-Lb	3599	3612	3609	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	218	227	(A)	346	360	(A)	457	475	(A)	738		
	OHL Output Shaft (B)	1149	1591	1878	1149	1591	1878	1149	1591	1878	1149	1591	1878
54.49	Output RPM	63	32	21	63	32	21	63	32	21	63	32	21
	Input HP (Max) (C)	3.98	2.02	1.34	4.00	2.03	1.35	4.00	2.03	1.35	4.00	2.03	1.35
	Output Torque, In-Lb	3705	3964	3962	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	217	227	(A)	346	360	(A)	457	476	((A)	(A)	740	
	OHL Output Shaft (B)	1226	1591	1878	1226	1591	1878	1226	1591	1878	1226	1591	1878
60.08	Output RPM	57	29	19	57	29	19	57	29	19	57	29	19
	Input HP (Max) (C)	3.63	1.84	1.22	3.63	1.84	1.22	3.63	1.84	1.22	3.63	1.84	1.22
	Output Torque, In-Lb	3812	3985	3983	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	218	226	(A)	346	360	(A)	457	476	(A)	(A)	741	
	OHL Output Shaft (B)	1226	1591	1878	1226	1591	1878	1226	1591	1878	1226	1591	1878
66.60	Output RPM	52	26	17	52	26	17	52	26	17	52	26	17
	Input HP (Max) (C)	3.27	1.66	1.10	3.27	1.66	1.10	3.27	1.66	1.10	3.27	1.66	1.10
	Output Torque, In-Lb	3918	3985	3983	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	217	227	(A)	346	360	(A)	457	476	(A)	(A)	741	
	OHL Output Shaft (B)	1226	1591	1878	1226	1591	1878	1226	1591	1878	1226	1591	1878
75.45	Output RPM	46	23	15	46	23	15	46	23	15	46	23	15
	Input HP (Max) (C)	2.89	1.47	0.97	2.89	1.47	0.97	2.89	1.47	0.97	2.89	1.47	0.97
	Output Torque, In-Lb	3983	3985	3983	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	218	228	(A)	346	360	(A)	453	471	(A)	(A)	742	
	OHL Output Shaft (B)	1226	1878	1878	1226	1878	1878	1226	1878	1878	1226	1878	1878
83.25	Output RPM	41	21	14	41	21	14	41	21	14	41	21	14
	Input HP (Max) (C)	2.62	1.33	0.88	2.62	1.33	0.88	2.62	1.33	0.88	2.62	1.33	0.88
	Output Torque, In-Lb	3983	3985	3983	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	219	228	(A)	346	360	(A)	453	472	(A)	(A)	742	
	OHL Output Shaft (B)	1226	1878	1878	1226	1878	1878	1226	1878	1878	1226	1878	1878
94.12	Output RPM	37	19	12	37	19	12	37	19	12	37	19	12
	Input HP (Max) (C)	2.32	1.18	0.78	2.32	1.18	0.78	2.32	1.18	0.78	2.32	1.18	0.78
	Output Torque, In-Lb	3989	3985	3983	3983	3985	3983	3983	3985	3983	3983	3985	3983
	OHL Input Shaft (A)	219	228	(A)	343	357	(A)	454	473	(A)	(A)	743	
	OHL Output Shaft (B)	1591	1878	1878	1591	1878	1878	1591	1878	1878	1591	1878	1878
107.47	Output RPM	32	16	11	32	16	11	32	16	11	-	-	-
	Input HP (Max) (C)	2.03	1.03	0.68	2.03	1.03	0.68	2.03	1.03	0.68	-	-	-
	Output Torque, In-Lb	3983	3985	3983	3983	3985	3983	3983	3985	3983	-	-	-
	OHL Input Shaft (A)	219	227	(A)	344	358	(A)	455	474	-	-	-	
	OHL Output Shaft (B)	1591	1878	1878	1591	1878	1878	1591	1878	1878	-	-	-
122.19	Output RPM	28	14	10	28	14	10	28	14	10	-	-	-
	Input HP (Max) (C)	1.78	0.91	0.60	1.78	0.91	0.60	1.78	0.91	0.60	-	-	-
	Output Torque, In-Lb	3983	3985	3983	3983	3985	3983	3983	3985	3983	-	-	-
	OHL Input Shaft (A)	219	227	(A)	345	358	(A)	456	474	-	-	-	
	OHL Output Shaft (B)	1591	1878	1878	1591	1878	1878	1591	1878	1878	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-122	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_483

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
130.78	Output RPM	26	13	9	26	13	9	26	13	9	-	-	-
	Input HP (Max) (C)	1.67	0.85	0.56	1.67	0.85	0.56	1.67	0.85	0.56	-	-	-
	Output Torque, In-Lb	3983	3985	3983	3983	3985	3983	3983	3985	3983	-	-	-
	OHL Input Shaft (A)	220	227	(A)	345	359	(A)	456	474	-	-	-	-
	OHL Output Shaft (B)	1591	1878	1878	1591	1878	1878	1591	1878	1878	-	-	-
150.76	Output RPM	23	12	8	23	12	8	-	-	-	-	-	-
	Input HP (Max) (C)	1.45	0.73	0.49	1.45	0.73	0.49	-	-	-	-	-	-
	Output Torque, In-Lb	3983	3985	3983	3983	3985	3983	-	-	-	-	-	-
	OHL Input Shaft (A)	218	228	(A)	345	359	-	-	-	-	-	-	-
	OHL Output Shaft (B)	1878	1878	1878	1878	1878	1878	-	-	-	-	-	-
169.53	Output RPM	20	10	7	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.29	0.65	0.43	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	3983	3985	3983	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	219	228	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	1878	1878	1878	-	-	-	-	-	-	-	-	-

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

Blank areas (-) indicate configuration not available

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-122	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
5.36	Output RPM	-	-	-	644	326	216	644	326	216	644	326	216	644	326	216
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	23.72	13.88	9.19
	Output Torque, In-Lb	-	-	-	475	475	475	966	967	966	2000	2001	2000	2323	2679	2678
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	453	471	(A)	711	740	(A)	840	875
	OHL Output Shaft (B)	-	-	-	(A)	2503	2503	(A)	2503	2503	(A)	2503	2503	(A)	2503	2503
6.44	Output RPM	-	-	-	536	272	180	536	272	180	536	272	180	536	272	180
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	20.98	13.88	9.19
	Output Torque, In-Lb	-	-	-	570	570	570	1161	1161	1161	2403	2404	2403	2469	3219	3217
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	454	472	(A)	708	737	(A)	835	871
	OHL Output Shaft (B)	-	-	-	(A)	2503	2503	(A)	2503	2503	(A)	2503	2503	(A)	2503	2503
7.58	Output RPM	-	-	-	455	231	153	455	231	153	455	231	153	455	231	153
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.60	9.86	5.00	3.32	18.80	10.36	6.87	18.80	13.88	8.79
	Output Torque, In-Lb	-	-	-	671	672	671	1366	1367	1366	2604	2830	2829	2604	3790	3621
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	452	471	(A)	709	739	(A)	835	875
	OHL Output Shaft (B)	-	-	-	(A)	2503	2503	(A)	2503	2503	(A)	2503	2503	(A)	2503	2503
8.50	Output RPM	406	206	137	406	206	137	406	206	137	406	206	137	406	206	137
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	17.41	10.36	6.87	17.41	13.88	8.14
	Output Torque, In-Lb	618	618	618	752	753	752	1531	1532	1531	2702	3171	3170	2702	4246	3757
	OHL Input Shaft	(A)	215	227	(A)	346	360	(A)	456	474	(A)	706	736	(A)	837	871
	OHL Output Shaft (B)	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503
9.52	Output RPM	362	184	122	362	184	122	362	184	122	362	184	122	362	184	122
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	16.11	10.36	6.86	16.11	13.76	7.53
	Output Torque, In-Lb	692	693	692	843	843	843	1716	1717	1716	2803	3554	3552	2803	4721	3897
	OHL Input Shaft	(A)	217	226	(A)	346	360	(A)	456	474	(A)	711	740	(A)	838	872
	OHL Output Shaft (B)	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503
10.40	Output RPM	332	168	112	332	168	112	332	168	112	332	168	112	332	168	112
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	15.18	10.36	6.87	15.18	12.94	7.10
	Output Torque, In-Lb	756	756	756	920	921	920	1873	1874	1873	2883	3880	3878	2883	4846	4008
	OHL Input Shaft	(A)	218	226	(A)	346	360	(A)	455	474	(A)	708	738	(A)	839	873
	OHL Output Shaft (B)	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503
11.94	Output RPM	-	-	-	289	147	97	289	147	97	289	147	97	289	147	97
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	20.49	13.71	9.19
	Output Torque, In-Lb	-	-	-	1057	1058	1057	2152	2153	2152	4455	4458	4455	4471	5896	5965
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	453	471	(A)	709	740	(A)	840	875
	OHL Output Shaft (B)	-	-	-	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503
14.35	Output RPM	-	-	-	240	122	81	240	122	81	240	122	81	240	122	81
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	18.02	10.36	6.86	18.02	12.06	8.43
	Output Torque, In-Lb	-	-	-	1270	1271	1270	2585	2587	2585	4724	5355	5352	4724	6231	6569
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	454	472	(A)	709	737	(A)	842	875
	OHL Output Shaft (B)	-	-	-	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503
16.89	Output RPM	-	-	-	204	104	69	204	104	69	204	104	69	204	104	69
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	16.08	10.36	6.87	16.08	10.75	7.52
	Output Torque, In-Lb	-	-	-	1495	1496	1495	3044	3046	3044	4962	6305	6302	4962	6543	6899
	OHL Input Shaft	-	-	-	(A)	346	360	(A)	452	471	(A)	710	739	(A)	843	877
	OHL Output Shaft (B)	-	-	-	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503	2503

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-154	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
18.93	Output RPM	182	92	61	182	92	61	182	92	61	182	92	61	182	92	61
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	14.85	9.93	6.87	14.85	9.93	6.94
	Output Torque, In-Lb	1376	1377	1376	1675	1676	1675	3411	3413	3411	5134	6770	7061	5134	6770	7138
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	215 2503	227 2503	(A) 2503	346 2503	360 2503	(A) 2503	456 2503	474 2503	(A) 2503	710 2503	736 2503	(A) 2503	843 2503	877 2503
21.22	Output RPM	163	82	55	163	82	55	163	82	55	163	82	55	163	82	55
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	13.71	9.17	6.30	13.71	9.17	6.30
	Output Torque, In-Lb	1542	1543	1542	1878	1879	1878	3823	3825	3823	5313	7005	7258	5313	7005	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	217 2503	226 2503	(A) 2503	346 2503	360 2503	(A) 2503	456 2503	474 2503	(A) 2503	707 2503	737 2503	(A) 2503	844 2503	878 2503
23.16	Output RPM	149	76	50	149	76	50	149	76	50	149	76	50	149	76	50
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	12.89	8.62	5.77	12.89	8.62	5.77
	Output Torque, In-Lb	1684	1685	1684	2050	2051	2050	4173	4175	4173	5454	7192	7258	5454	7192	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	218 2503	226 2503	(A) 2503	346 2503	360 2503	(A) 2503	455 2503	474 2503	(A) 2503	709 2503	739 2503	(A) 2503	844 2503	878 2503
25.42	Output RPM	136	69	46	136	69	46	136	69	46	136	69	46	136	69	46
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	12.08	7.93	5.25	12.08	7.93	5.25
	Output Torque, In-Lb	1848	1849	1848	2250	2251	2250	4581	4583	4581	5609	7262	7258	5609	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	218 2503	228 2503	(A) 2503	346 2503	360 2503	(A) 2503	454 2503	473 2503	(A) 2503	711 2503	737 2503	(A) 2503	844 2503	879 2503
27.99	Output RPM	123	63	41	123	63	41	123	63	41	123	63	41	123	63	41
	Input HP (Max) (C)	3.98	2.02	1.35	4.85	2.46	1.63	9.86	5.01	3.32	11.29	7.20	4.77	11.29	7.20	4.77
	Output Torque, In-Lb	2035	2036	2035	2478	2479	2478	5044	5047	5044	5773	7262	7258	5773	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	217 2503	227 2503	(A) 2503	346 2503	360 2503	(A) 2503	453 2503	472 2503	(A) 2503	713 2503	739 2503	(A) 2503	836 2503	871 2503
30.38	Output RPM	114	58	38	114	58	38	114	58	38	114	58	38	114	58	38
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	10.66	6.64	4.40	10.66	6.42	4.40
	Output Torque, In-Lb	2209	2210	2209	2689	2691	2689	5474	5478	5474	5916	7262	7258	5916	7027	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	218 2503	227 2503	(A) 2503	346 2503	360 2503	(A) 2503	452 2503	470 2503	(A) 2503	714 2503	740 2503	(A) 2503	838 2503	873 2503
32.78	Output RPM	-	-	-	105	53	35	105	53	35	105	53	35	105	53	35
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	8.90	5.01	3.32	8.90	5.95	4.07	8.90	6.15	4.07
	Output Torque, In-Lb	-	-	-	2902	2903	2902	5332	5910	5907	5332	7027	7258	5332	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 2503	346 2503	360 2503	(A) 2503	453 2503	471 2503	(A) 2503	714 2503	742 2503	(A) 2503	845 2503	879 2503
39.39	Output RPM	-	-	-	88	44	30	88	44	30	88	44	30	88	44	30
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	7.83	5.01	3.32	7.83	5.12	3.39	7.83	5.12	3.39
	Output Torque, In-Lb	-	-	-	3486	3488	3486	5633	7101	7096	5633	7262	7258	5633	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 2503	346 2503	360 2503	(A) 2503	454 2503	472 2503	(A) 2503	715 2503	743 2503	(A) 2503	845 2503	879 2503
46.37	Output RPM	-	-	-	74	38	25	74	38	25	74	38	25	74	38	25
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	6.98	4.35	2.88	6.98	4.35	2.88	6.98	4.35	2.88
	Output Torque, In-Lb	-	-	-	4104	4107	4104	5915	7262	7258	5915	7262	7258	5915	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 2503	346 2503	360 2503	(A) 2503	453 2503	472 2503	(A) 2503	715 2503	743 2503	(A) 2503	845 2503	879 2503

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-154	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_683
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		56C 71D 71			--- 80D 80			140TC 90D 90			180TC 100D 100			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
51.96	Output RPM	66	34	22	66	34	22	66	34	22	66	34	22	66	34	22
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.45	3.88	2.57	6.45	3.88	2.57	6.45	3.88	2.57
	Output Torque, In-Lb	3778	3780	3778	4599	4602	4599	6121	7262	7258	6121	7262	7258	6121	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 215 2503	227 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 455 2503	473 2503	(A) 2503	(A) 715 2503	744 2503	(A) 2503	(A) 845 2503	871 2503	(A) 2503
58.23	Output RPM	59	30	20	59	30	20	59	30	20	59	30	20	59	30	20
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.95	3.46	2.29	5.95	3.46	2.29	5.95	3.46	2.29
	Output Torque, In-Lb	4234	4236	4234	5154	5157	5154	6334	7262	7258	6334	7262	7258	6334	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 217 2503	226 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 456 2503	474 2503	(A) 2503	(A) 715 2503	744 2503	(A) 2503	(A) 837 2503	873 2503	(A) 2503
63.57	Output RPM	54	28	18	54	28	18	54	28	18	54	28	18	54	28	18
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.60	3.17	2.10	5.60	3.17	2.10	5.60	3.17	2.10
	Output Torque, In-Lb	4622	4624	4622	5627	5630	5627	6503	7262	7258	6503	7262	7258	6503	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2503	226 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 456 2503	474 2503	(A) 2503	(A) 708 2503	744 2503	(A) 2503	(A) 839 2503	873 2503	(A) 2503
69.78	Output RPM	49	25	17	49	25	17	49	25	17	49	25	17	49	25	17
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	5.25	2.89	1.91	5.25	2.89	1.91	5.25	2.89	1.91
	Output Torque, In-Lb	5073	5076	5073	6176	6180	6176	6688	7262	7258	6688	7262	7258	6688	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2503	228 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 456 2503	475 2503	(A) 2503	(A) 709 2503	744 2503	(A) 2503	(A) 840 2503	874 2503	(A) 2503
76.84	Output RPM	45	23	15	45	23	15	45	23	15	45	23	15	45	23	15
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	4.90	2.62	1.74	4.90	2.62	1.74	4.90	2.62	1.74
	Output Torque, In-Lb	5586	5590	5586	6801	6805	6801	6883	7262	7258	6883	7262	7258	6883	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 217 2503	227 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 457 2503	475 2503	(A) 2503	(A) 709 2503	737 2503	(A) 2503	(A) 841 2503	876 2503	(A) 2503
83.40	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	4.63	2.42	1.60	4.63	2.42	1.60	4.63	2.42	1.60	4.63	2.42	1.60
	Output Torque, In-Lb	6063	6067	6063	7055	7262	7258	7055	7262	7258	7055	7262	7258	7055	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2503	227 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 457 2503	475 2503	(A) 2503	(A) 710 2503	737 2503	(A) 2503	(A) 842 2503	876 2503	(A) 2503
90.89	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	4.36	2.22	1.47	4.36	2.22	1.47	4.36	2.22	1.47	4.36	2.22	1.47
	Output Torque, In-Lb	6418	6612	6608	7239	7262	7258	7239	7262	7258	7239	7262	7258	7239	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 218 2503	226 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 457 2503	476 2503	(A) 2503	(A) 708 2503	738 2503	(A) 2503	(A) 842 2503	877 2503	(A) 2503
99.55	Output RPM	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12
	Input HP (Max) (C)	3.98	1.97	1.34	3.99	2.03	1.34	3.99	2.03	1.34	3.99	2.03	1.34	3.99	2.03	1.34
	Output Torque, In-Lb	6559	7046	7237	7258	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 217 2503	227 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 457 2503	476 2503	(A) 2503	(A) 709 2503	739 2503	(A) 2503	(A) 843 2503	877 2503	(A) 2503
109.64	Output RPM	32	16	11	32	16	11	32	16	11	32	16	11	32	16	11
	Input HP (Max) (C)	3.62	1.82	1.22	3.62	1.84	1.22	3.62	1.84	1.22	3.62	1.84	1.22	3.62	1.84	1.22
	Output Torque, In-Lb	6699	7197	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 209 2503	219 2503	(A) 2503	(A) 346 2503	360 2503	(A) 2503	(A) 457 2503	476 2503	(A) 2503	(A) 709 2503	740 2503	(A) 2503	(A) 843 2503	878 2503	(A) 2503

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-154	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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			--- 112D 112		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
126.09	Output RPM	27	14	9	27	14	9	27	14	9	27	14	9	27	14	9
	Input HP (Max) (C)	3.15	1.60	1.06	3.15	1.60	1.06	3.15	1.60	1.06	3.15	1.60	1.06	3.15	1.60	1.06
	Output Torque, In-Lb	6890	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	210 2503	219 2503	(A) 2503	346 2503	360 2503	(A) 2503	457 2503	476 2503	(A) 2503	710 2503	741 2503	(A) 2503	844 2503	878 2503
136.60	Output RPM	25	13	9	25	13	9	25	13	9	25	13	9	25	13	9
	Input HP (Max) (C)	2.91	1.48	0.98	2.91	1.48	0.98	2.91	1.48	0.98	2.91	1.48	0.98	2.91	1.48	0.98
	Output Torque, In-Lb	6992	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	209 2503	219 2503	(A) 2503	346 2503	360 2503	(A) 2503	457 2503	476 2503	(A) 2503	709 2503	741 2503	(A) 2503	844 2503	879 2503
150.98	Output RPM	23	12	8	23	12	8	23	12	8	23	12	8	-	-	-
	Input HP (Max) (C)	2.63	1.34	0.88	2.63	1.34	0.88	2.63	1.34	0.88	2.63	1.34	0.88	-	-	-
	Output Torque, In-Lb	7112	7262	7258	7258	7262	7258	7258	7262	7258	7258	7262	7258	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	210 2503	218 2503	(A) 2503	346 2503	360 2503	(A) 2503	453 2503	472 2503	(A) 2503	710 2503	742 2503	-	-	-
176.14	Output RPM	20	10	7	20	10	7	20	10	7	-	-	-	-	-	-
	Input HP (Max) (C)	2.26	1.14	0.76	2.26	1.14	0.76	2.26	1.14	0.76	-	-	-	-	-	-
	Output Torque, In-Lb	7258	7262	7258	7258	7262	7258	7258	7262	7258	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	211 2503	218 2503	(A) 2503	343 2503	357 2503	(A) 2503	455 2503	473 2503	-	-	-	-	-	-
196.07	Output RPM	18	9	6	18	9	6	18	9	6	-	-	-	-	-	-
	Input HP (Max) (C)	2.03	1.03	0.68	2.03	1.03	0.68	2.03	1.03	0.68	-	-	-	-	-	-
	Output Torque, In-Lb	7258	7262	7258	7258	7262	7258	7258	7262	7258	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	211 2503	220 2503	(A) 2503	344 2503	357 2503	(A) 2503	455 2503	473 2503	-	-	-	-	-	-
215.68	Output RPM	16	8	5	16	8	5	16	8	5	-	-	-	-	-	-
	Input HP (Max) (C)	1.84	0.93	0.62	1.84	0.93	0.62	1.84	0.93	0.62	-	-	-	-	-	-
	Output Torque, In-Lb	7258	7262	7258	7258	7262	7258	7258	7262	7258	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	211 2503	219 2503	(A) 2503	344 2503	358 2503	(A) 2503	455 2503	474 2503	-	-	-	-	-	-
243.72	Output RPM	14	7	5	14	7	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.63	0.83	0.55	1.63	0.83	0.55	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	7258	7262	7258	7258	7262	7258	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 2503	211 2503	220 2503	(A) 2503	345 2503	358 2503	-	-	-	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-154	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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
5.54	Output RPM	-	-	-	-	-	-	-	-	-	622	316	209	622	316	209	622	316	209
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	42.96	26.94	18.12
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	2068	2069	2068	2769	2770	2769	4350	5377	5459
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 947	994	994
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) 4505	4512	(A) 4505	4512	(A) 4505	4512	(A) 4505	4512	4512
6.69	Output RPM	-	-	-	-	-	-	-	-	-	516	262	173	516	262	173	516	262	173
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	37.92	25.39	17.09
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	2495	2496	2495	3340	3342	3340	4633	6116	6209
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 946	994	994
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) 4505	4512	(A) 4505	4512	(A) 4505	4512	(A) 4505	4512	4512
8.03	Output RPM	-	-	-	430	218	145	430	218	145	430	218	145	430	218	145	430	218	145
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	33.57	23.75	15.69
	Output Torque, In-Lb	-	-	-	710	711	710	1446	1447	1446	2994	2995	2994	4008	4011	4008	4922	6865	6843
	OHL Input Shaft	-	-	-	(A) 346	360	(A) 453	471	(A) 453	471	(A) 711	740	(A) 840	876	(A) 840	876	(A) 948	995	995
	OHL Output Shaft (B)	-	-	-	(A) 4512	4512	(A) 4512	4512	(A) 4512	4512	(A) 4512	4512	(A) 4512	4512	(A) 4512	4512	(A) 4512	4512	4512
9.41	Output RPM	-	-	-	367	186	123	367	186	123	367	186	123	367	186	123	367	186	123
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	30.16	22.21	14.10
	Output Torque, In-Lb	-	-	-	833	833	833	1695	1696	1695	3509	3511	3509	4699	4701	4698	5184	7526	7207
	OHL Input Shaft	-	-	-	(A) 346	360	(A) 454	472	(A) 454	472	(A) 707	739	(A) 836	876	(A) 836	876	(A) 951	995	995
	OHL Output Shaft (B)	-	-	-	4505	4512	4512	4505	4512	4512	4505	4512	4512	4505	4512	4512	4505	4512	4512
11.64	Output RPM	-	-	-	-	-	-	-	-	-	296	150	100	296	150	100	296	150	100
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	35.95	26.93	16.81
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	4342	4344	4342	5814	5817	5814	7645	11290	10630
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 947	994	994
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	4505	4512	4512	4505	4512	4512	4505	4512	4512
14.04	Output RPM	-	-	-	-	-	-	-	-	-	246	125	83	246	125	83	246	125	83
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	31.53	24.90	14.74
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	5238	5241	5238	7014	7018	7014	8089	12592	11246
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 948	994	994
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512
16.85	Output RPM	-	-	-	205	104	69	205	104	69	205	104	69	205	104	69	205	104	69
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	27.75	21.91	12.97
	Output Torque, In-Lb	-	-	-	1492	1492	1492	3036	3038	3036	6286	6290	6286	8417	8422	8417	8544	13299	11879
	OHL Input Shaft	-	-	-	(A) 346	360	(A) 453	471	(A) 453	471	(A) 711	740	(A) 840	876	(A) 840	876	(A) 951	995	995
	OHL Output Shaft (B)	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
19.75	Output RPM	-	-	-	175	89	59	175	89	59	175	89	59	175	89	59	175	89	59
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	24.83	13.88	9.19	24.83	19.60	11.61
	Output Torque, In-Lb	-	-	-	1748	1749	1748	3559	3561	3559	7368	7373	7368	8960	9872	9866	8960	13947	12458
	OHL Input Shaft	-	-	-	(A) 346	360	(A) 454	472	(A) 454	472	(A) 707	739	(A) 836	866	(A) 836	866	(A) 953	996	996
	OHL Output Shaft (B)	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
23.54	Output RPM	-	-	-	147	74	49	147	74	49	147	74	49	147	74	49	147	74	49
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	21.96	13.75	9.19	21.96	17.23	10.27
	Output Torque, In-Lb	-	-	-	2084	2085	2084	4242	4244	4242	8782	8787	8782	9444	11656	11758	9444	14612	13131
	OHL Input Shaft	-	-	-	(A) 346	360	(A) 456	474	(A) 456	474	(A) 708	738	(A) 838	853	(A) 838	853	(A) 955	996	996
	OHL Output Shaft (B)	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-186	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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	
25.53	Output RPM	135	69	45	135	69	45	135	69	45	135	69	45	135	69	45	135	69	45	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	19.95	10.36	6.87	20.75	13.25	8.95	20.75	15.89	9.70	
	Output Torque, In-Lb	1856	1857	1856	2260	2261	2260	4601	4603	4601	9305	9530	9524	9677	12185	12411	9677	14612	13455	
	OHL Input Shaft (A)	218	225	225	(A) 346	360	(A) 456	475	(A) 456	475	(A) 712	738	(A) 828	819	(A) 828	819	(A) 956	997	(A) 956	997
	OHL Output Shaft (B)	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
28.50	Output RPM	121	61	41	121	61	41	121	61	41	121	61	41	121	61	41	121	61	41	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	18.96	9.95	6.85	19.21	12.58	8.49	19.21	14.24	8.98	
	Output Torque, In-Lb	2072	2073	2072	2523	2524	2523	5135	5138	5135	9869	10212	10605	10003	12912	13152	10003	14612	13907	
	OHL Input Shaft (A)	218	226	226	(A) 346	360	(A) 456	475	(A) 456	475	(A) 695	738	(A) 773	770	(A) 773	770	(A) 957	997	(A) 957	997
	OHL Output Shaft (B)	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
30.87	Output RPM	112	57	38	112	57	38	112	57	38	112	57	38	112	57	38	112	57	38	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	9.86	5.01	3.32	18.16	9.57	6.59	18.16	12.10	8.17	18.16	13.14	8.49	
	Output Torque, In-Lb	2244	2246	2244	2732	2734	2732	5562	5565	5562	10243	10635	11047	10243	13452	13702	10243	14612	14241	
	OHL Input Shaft (A)	217	226	226	(A) 346	360	(A) 455	475	(A) 455	475	(A) 660	737	(A) 729	733	(A) 729	733	(A) 958	997	(A) 958	997
	OHL Output Shaft (B)	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
34.40	Output RPM	-	-	-	-	-	-	-	-	-	100	51	34	100	51	34	100	51	34	
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	18.13	10.36	6.87	18.13	11.80	7.81	18.13	11.80	7.81	
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	11393	12837	12830	11393	14612	14604	11393	14612	14604	
	OHL Input Shaft (A)	-	-	-	-	-	-	-	-	-	(A) 713	742	(A) 840	874	(A) 840	874	(A) 958	997	(A) 958	997
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
41.50	Output RPM	-	-	-	-	-	-	-	-	-	83	42	28	83	42	28	83	42	28	
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	15.90	9.78	6.48	15.90	9.78	6.48	15.90	9.78	6.48	
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	12055	14612	14604	12055	14612	14604	12055	14612	14604	
	OHL Input Shaft (A)	-	-	-	-	-	-	-	-	-	(A) 713	742	(A) 839	874	(A) 839	874	(A) 958	997	(A) 958	997
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
49.80	Output RPM	-	-	-	69	35	23	69	35	23	69	35	23	69	35	23	69	35	23	
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	13.99	8.15	5.40	13.99	8.15	5.54	13.99	8.15	5.40	
	Output Torque, In-Lb	-	-	-	4407	4410	4407	8972	8977	8972	12730	14612	14604	12730	14612	14604	12730	14612	14604	
	OHL Input Shaft (A)	-	-	-	(A) 346	360	(A) 453	471	(A) 453	471	(A) 708	737	(A) 842	876	(A) 842	876	(A) 959	998	(A) 959	998
	OHL Output Shaft (B)	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
58.37	Output RPM	-	-	-	59	30	20	59	30	20	59	30	20	59	30	20	59	30	20	
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	12.52	6.95	4.60	12.52	6.95	4.60	12.52	6.95	4.60	
	Output Torque, In-Lb	-	-	-	5166	5169	5166	10517	10523	10517	13353	14612	14604	13353	14612	14604	13353	14612	14604	
	OHL Input Shaft (A)	-	-	-	(A) 346	360	(A) 454	472	(A) 454	472	(A) 707	737	(A) 844	878	(A) 844	878	(A) 959	998	(A) 959	998
	OHL Output Shaft (B)	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
69.57	Output RPM	-	-	-	50	25	17	50	25	17	50	25	17	50	25	17	50	25	17	
	Input HP (Max) (C)	-	-	-	4.85	2.46	1.63	9.86	5.01	3.32	11.08	5.83	3.86	11.08	5.83	3.86	11.08	5.83	3.86	
	Output Torque, In-Lb	-	-	-	6157	6161	6157	12535	12542	12535	14076	14612	14604	14076	14612	14604	14076	14612	14604	
	OHL Input Shaft (A)	-	-	-	(A) 346	360	(A) 456	474	(A) 456	474	(A) 711	740	(A) 844	879	(A) 844	879	(A) 959	998	(A) 959	998
	OHL Output Shaft (B)	-	-	-	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512
75.45	Output RPM	46	23	15	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	5.01	3.32	10.46	5.38	3.56	10.46	5.38	3.56	10.46	5.38	3.56	
	Output Torque, In-Lb	5484	5489	5485	6678	6682	6678	13594	13602	13594	14423	14612	14604	14423	14612	14604	14423	14612	14604	
	OHL Input Shaft (A)	(A) 218	225	225	(A) 346	360	(A) 456	475	(A) 456	475	(A) 712	741	(A) 845	879	(A) 845	879	(A) 959	998	(A) 959	998
	OHL Output Shaft (B)	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512	4512

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-186	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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	
84.21	Output RPM	41	21	14	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	9.49	4.82	3.19	9.49	4.82	3.19	9.49	4.82	3.19	9.49	4.82	3.19	
	Output Torque, In-Lb (A)	6123	6126	6123	7454	7458	7454	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	218	226	(A)	346	360	(A)	456	475	(A)	713	742	(A)	845	879	(A)	845	879	(A)	989
91.22	Output RPM	38	19	13	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	8.76	4.45	2.95	8.76	4.45	2.95	8.76	4.45	2.95	8.76	4.45	2.95	
	Output Torque, In-Lb (A)	6632	6636	6632	8073	8078	8073	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	217	226	(A)	346	360	(A)	456	475	(A)	713	742	(A)	845	879	(A)	845	879	(A)	990
103.38	Output RPM	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	7.73	3.92	2.60	7.73	3.92	2.60	7.73	3.92	2.60	7.73	3.92	2.60	
	Output Torque, In-Lb (A)	7516	7521	7516	9150	9156	9150	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	219	228	(A)	346	360	(A)	452	471	(A)	714	743	(A)	845	879	(A)	845	879	(A)	993
111.37	Output RPM	31	16	10	31	16	10	31	16	10	31	16	10	31	16	10	31	16	10	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	7.18	3.64	2.41	7.08	3.64	2.41	7.18	3.64	2.41	7.18	3.64	2.41	
	Output Torque, In-Lb (A)	8097	8102	8097	9857	9863	9857	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	218	227	(A)	346	360	(A)	452	472	(A)	714	743	(A)	845	879	(A)	845	879	(A)	993
120.42	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.64	3.37	2.23	6.64	3.37	2.23	6.64	3.37	2.23	6.64	3.37	2.23	
	Output Torque, In-Lb (A)	8755	8760	8755	10658	10665	10658	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	218	227	(A)	346	360	(A)	454	471	(A)	714	743	(A)	845	879	(A)	845	879	(A)	994
130.77	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9	26	13	9	26	13	9	
	Input HP (Max) (C)	3.98	2.02	1.34	4.85	2.46	1.63	6.11	3.10	2.06	6.11	3.10	2.06	6.11	3.10	2.06	6.11	3.10	2.06	
	Output Torque, In-Lb (A)	9507	9513	9087	11574	11581	11574	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	218	226	(A)	345	359	(A)	454	472	(A)	714	743	(A)	845	879	(A)	845	879	(A)	995
144.58	Output RPM	24	12	8	24	12	8	24	12	8	24	12	8	24	12	8	24	12	8	
	Input HP (Max) (C)	3.98	2.01	1.34	4.85	2.46	1.63	5.53	2.81	1.86	5.53	2.81	1.86	5.53	2.81	1.86	5.53	2.81	1.86	
	Output Torque, In-Lb (A)	10511	10445	10511	12797	12804	12797	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	217	227	(A)	345	359	(A)	454	473	(A)	714	744	(A)	845	872	(A)	845	872	(A)	996
156.63	Output RPM	22	11	7	22	11	7	22	11	7	22	11	7	22	11	7	22	11	7	
	Input HP (Max) (C)	3.98	1.88	1.34	4.85	2.46	1.63	5.10	2.59	1.72	5.10	2.59	1.72	5.10	2.59	1.72	5.10	2.59	1.72	
	Output Torque, In-Lb (A)	11387	10610	11387	13863	13871	13863	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604
	OHL Input Shaft (A)	218	227	(A)	345	359	(A)	455	474	(A)	715	744	(A)	845	874	(A)	845	874	(A)	996
176.50	Output RPM	20	10	7	20	10	7	20	10	7	20	10	7	20	10	7	-	-	-	
	Input HP (Max) (C)	3.88	1.70	1.34	4.53	2.30	1.52	4.53	2.30	1.52	4.53	2.30	1.52	4.53	2.30	1.52	-	-	-	
	Output Torque, In-Lb (A)	12521	10834	12832	14604	14612	14604	14604	14612	14604	14604	14612	14604	14604	14612	14604	-	-	-	-
	OHL Input Shaft (A)	218	226	(A)	345	359	(A)	456	474	(A)	714	744	(A)	845	874	(A)	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-186	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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
193.24	Output RPM	18	9	6	18	9	6	18	9	6	18	9	6	18	9	6	-	-	-
	Input HP (Max) (C)	3.23	1.58	1.33	3.23	2.10	1.39	3.23	2.10	1.39	3.23	2.10	1.39	3.23	2.10	1.39	-	-	-
	Output Torque, In-Lb	11392	10992	13942	11393	14612	14604	11392	14612	14604	11393	14612	14604	11393	14612	14604	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4512	218 4512	226 4512	(A) 4512	345 4512	359 4512	(A) 4512	456 4512	475 4512	(A) 4512	714 4512	744 4512	(A) 4512	(A) 4512	(A) 4512	(A) 4512	-	-
215.25	Output RPM	16	8	5	16	8	5	16	8	5	16	8	5	-	-	-	-	-	-
	Input HP (Max) (C)	3.46	1.44	1.25	3.71	1.88	1.25	3.71	1.88	1.25	3.71	1.88	1.25	-	-	-	-	-	-
	Output Torque, In-Lb	13609	11169	14584	14604	14612	14604	14604	14612	14604	14604	14612	14604	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4512	218 4512	228 4512	(A) 4512	345 4512	359 4512	(A) 4512	456 4512	475 4512	(A) 4512	714 4512	744 4512	-	-	-	-	-	-
246.13	Output RPM	14	7	5	14	7	5	14	7	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	3.20	1.28	1.09	3.25	1.65	1.09	3.25	1.65	1.09	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	14369	11368	14604	14604	14612	14604	14604	14612	14604	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4512	218 4512	228 4512	(A) 4512	346 4512	360 4512	(A) 4512	457 4512	475 4512	-	-	-	-	-	-	-	-	-
272.95	Output RPM	13	6	4	13	6	4	13	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	2.93	1.17	0.98	2.93	1.49	0.98	2.93	1.49	0.98	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	14604	11508	14604	14604	14612	14604	14604	14612	14604	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4512	219 4512	227 4512	(A) 4512	346 4512	360 4512	(A) 4512	457 4512	475 4512	-	-	-	-	-	-	-	-	-
302.68	Output RPM	11	6	4	11	6	4	11	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	2.64	1.07	0.89	2.64	1.34	0.89	2.64	1.34	0.89	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	14604	11638	14604	11993	14612	13268	11993	14612	13268	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 4512	219 4512	228 4512	(A) 4512	346 4512	360 4512	(A) 4512	457 4512	475 4512	-	-	-	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-186	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1083
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate 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
7.68	Output RPM	-	-	-	-	-	-	-	-	-	449	228	151	449	228	151	449	228	151
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	27.34	13.88	9.19	56.19	30.20	20.32	81.12	45.36	30.14
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	3834	3836	3834	7880	8348	8475	11375	12540	12569
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A) 838	872	(A) 838	872	(A) 946	993	(A) 1380	1574	1574
OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	5586	
9.36	Output RPM	-	-	-	-	-	-	368	187	124	368	187	124	368	187	124	368	187	124
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	53.27	28.63	19.27	69.65	37.72	25.33
	Output Torque, In-Lb	-	-	-	-	-	-	3492	3494	3492	4676	4679	4676	9111	9655	9801	11912	12718	12883
	OHL Input Shaft	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 952	993	(A) 1414	1575	1575	
OHL Output Shaft (B)	-	-	-	-	-	-	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	
10.97	Output RPM	-	-	-	-	-	-	314	160	106	314	160	106	314	160	106	314	160	106
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	50.56	27.18	18.29	60.13	32.56	21.86
	Output Torque, In-Lb	-	-	-	-	-	-	4092	4094	4092	5479	5482	5479	10133	10737	10903	12050	12862	13027
	OHL Input Shaft	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 952	994	(A) 1435	1586	1586	
OHL Output Shaft (B)	-	-	-	-	-	-	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	
12.90	Output RPM	268	136	90	268	136	90	268	136	90	268	136	90	268	136	90	268	136	90
	Input HP (Max) (C)	3.64	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.87	9.19	47.55	25.56	17.21	51.74	28.01	18.81
	Output Torque, In-Lb	857	1142	1141	2324	2325	2324	4810	4813	4810	6441	6444	6441	11203	11871	12056	12188	13010	13180
	OHL Input Shaft	(A) 346	360	(A) 453	471	(A) 5586	5586	(A) 711	741	(A) 841	876	(A) 841	876	(A) 950	993	(A) 1452	1591	1591	
OHL Output Shaft (B)	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	
13.74	Output RPM	-	-	-	-	-	-	-	-	-	251	127	84	251	127	84	251	127	84
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	27.34	13.88	9.19	56.19	30.20	20.32	70.38	42.72	30.14
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	6861	6865	6861	14101	14939	15166	17662	21134	22493
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A) 838	872	(A) 838	872	(A) 946	993	(A) 1408	1574	1574
OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	(A) 5586	5586	5586	
16.75	Output RPM	-	-	-	-	-	-	206	104	69	206	104	69	206	104	69	206	104	69
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	53.27	28.64	19.27	61.24	37.17	26.73
	Output Torque, In-Lb	-	-	-	-	-	-	6250	6253	6250	8368	8373	8368	16305	17279	17540	18744	22429	24330
	OHL Input Shaft	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 952	993	(A) 1418	1587	1587	
OHL Output Shaft (B)	-	-	-	-	-	-	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
19.63	Output RPM	-	-	-	-	-	-	178	90	60	178	90	60	178	90	60	178	90	60
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.51	6.87	27.34	14.07	9.19	50.56	27.55	18.29	54.82	33.74	23.06
	Output Torque, In-Lb	-	-	-	-	-	-	7323	7327	7323	9808	9811	9805	18134	19214	19511	19659	23527	24602
	OHL Input Shaft	-	-	-	-	-	-	(A) 713	742	(A) 843	877	(A) 843	877	(A) 952	994	(A) 1423	1579	1579	
OHL Output Shaft (B)	-	-	-	-	-	-	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
23.08	Output RPM	149	76	50	149	76	50	149	76	50	149	76	50	149	76	50	149	76	50
	Input HP (Max) (C)	3.64	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	47.55	25.56	17.21	48.93	29.56	19.85
	Output Torque, In-Lb	1533	2044	2043	4158	4161	4158	8608	8613	8608	11526	11533	11526	20048	21244	21575	20629	24570	24886
	OHL Input Shaft	(A) 346	360	(A) 453	471	(A) 5586	5586	(A) 711	741	(A) 841	876	(A) 841	876	(A) 950	993	(A) 1428	1587	1587	
OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
26.48	Output RPM	130	66	44	130	66	44	130	66	44	130	66	44	130	66	44	130	66	44
	Input HP (Max) (C)	3.50	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	44.46	24.08	16.22	44.46	26.02	17.47
	Output Torque, In-Lb	1694	2345	2344	4771	4774	4771	9877	9882	9877	13225	13232	13224	21504	22967	23331	21504	24813	25130
	OHL Input Shaft	(A) 346	360	(A) 454	473	(A) 5586	5586	(A) 709	738	(A) 838	874	(A) 838	874	(A) 948	993	(A) 1443	1591	1591	
OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-218	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_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
31.25	Output RPM	110	56	37	110	56	37	110	56	37	110	56	37	110	56	37	110	56	37
	Input HP (Max) (C)	3.32	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	39.58	22.30	14.98	39.58	22.31	14.98
	Output Torque, In-Lb	1894	2768	2766	5631	5634	5631	11657	11664	11657	15608	15617	15608	22599	25101	25427	22599	25105	25427
	OHL Input Shaft	(A)	346	360	(A)	456	470	(A)	710	740	(A)	839	873	(A)	946	992	(A)	1457	1593
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
33.87	Output RPM	102	52	34	102	52	34	102	52	34	102	52	34	102	52	34	102	52	34
	Input HP (Max) (C)	3.22	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	37.41	20.70	13.90	37.41	20.70	13.90
	Output Torque, In-Lb	1993	3000	2998	6103	6107	6103	12635	12642	12635	16918	16928	16918	23150	25248	25574	23150	25248	25575
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	707	739	(A)	757	873	(A)	948	992	(A)	1463	1595
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
36.44	Output RPM	-	-	-	-	-	-	-	-	-	95	48	32	95	48	32	95	48	32
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	27.34	13.88	9.19	31.72	19.24	13.41	31.72	19.24	13.41
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	18199	18209	18199	21116	25251	26553	21116	25251	26552
	OHL Input Shaft	-	-	-	-	-	-	-	-	-	(A)	838	872	(A)	953	990	(A)	1530	1591
	OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	5586	5586	5586	5586	5586	5586	5586	5586	5586
44.44	Output RPM	-	-	-	-	-	-	78	39	26	78	39	26	78	39	26	78	39	26
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	27.61	16.60	11.00	27.61	16.60	11.00
	Output Torque, In-Lb	-	-	-	-	-	-	16578	16587	16578	22197	22210	22197	22416	26568	26553	22416	26568	26553
	OHL Input Shaft	-	-	-	-	-	-	(A)	713	742	(A)	843	877	(A)	950	989	(A)	1531	1595
	OHL Output Shaft (B)	-	-	-	-	-	-	(A)	5586	5586	(A)	5586	5586	(A)	5586	5586	(A)	5586	5586
52.08	Output RPM	-	-	-	-	-	-	66	34	22	66	34	22	66	34	22	66	34	22
	Input HP (Max) (C)	-	-	-	-	-	-	20.42	10.36	6.87	24.71	13.88	9.19	24.71	14.17	9.38	24.71	14.17	9.38
	Output Torque, In-Lb	-	-	-	-	-	-	19425	19436	19425	23507	26024	26010	23507	26568	26553	23507	26568	26553
	OHL Input Shaft	-	-	-	-	-	-	(A)	713	742	(A)	843	877	(A)	954	993	(A)	1533	1596
	OHL Output Shaft (B)	-	-	-	-	-	-	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
61.22	Output RPM	56	29	19	56	29	19	56	29	19	56	29	19	56	29	19	56	29	19
	Input HP (Max) (C)	3.64	2.46	1.63	9.86	5.01	3.32	20.42	10.36	6.87	22.06	12.05	7.98	20.04	12.05	7.98	22.06	12.05	7.98
	Output Torque, In-Lb	4067	5421	5418	11030	11036	11030	22834	22847	22834	24675	26568	26553	24674	26568	26553	24675	26568	26553
	OHL Input Shaft	(A)	346	360	(A)	453	471	(A)	711	741	(A)	843	878	(A)	956	995	(A)	1534	1596
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
70.24	Output RPM	49	25	17	49	25	17	49	25	17	49	25	17	49	25	17	49	25	17
	Input HP (Max) (C)	3.50	2.46	1.63	9.86	5.01	3.32	20.04	10.36	6.87	20.04	10.50	6.96	17.53	10.50	6.96	20.04	10.50	6.96
	Output Torque, In-Lb	4493	6220	6217	12655	12662	12655	25711	26213	26199	25711	26568	26553	25710	26568	26553	25711	26568	26553
	OHL Input Shaft	(A)	346	360	(A)	454	473	(A)	709	738	(A)	836	871	(A)	957	997	(A)	1534	1597
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
82.90	Output RPM	42	21	14	42	21	14	42	21	14	42	21	14	42	21	14	42	21	14
	Input HP (Max) (C)	3.32	2.46	1.63	9.86	5.01	3.32	17.53	8.90	5.90	17.53	8.90	5.90	16.18	8.90	5.90	17.53	8.90	5.90
	Output Torque, In-Lb	5024	7341	7337	14936	14945	14936	26553	26568	26553	26553	26568	26553	26552	26568	26553	26553	26568	26553
	OHL Input Shaft	(A)	346	360	(A)	456	470	(A)	711	741	(A)	840	870	(A)	958	997	(A)	1534	1597
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586
89.85	Output RPM	38	19	13	38	19	13	38	19	13	38	19	13	38	19	13	38	19	13
	Input HP (Max) (C)	3.22	2.46	1.63	9.86	5.01	3.32	16.18	8.21	5.44	16.18	8.21	5.44	14.55	8.21	5.44	16.18	8.21	5.44
	Output Torque, In-Lb	5286	7957	7953	16190	16199	16190	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553	26568	26553
	OHL Input Shaft	(A)	346	360	(A)	456	474	(A)	712	742	(A)	837	872	(A)	958	997	(A)	1534	1597
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-218	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

**SIZE: B_1083
60 HZ**

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate 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	
99.90	Output RPM	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12	
	Input HP (Max) (C)	3.08	2.46	1.63	9.86	5.01	3.32	14.55	7.38	4.89	14.55	7.38	4.89	13.39	7.38	4.89	14.55	7.38	4.89	
	Output Torque, In-Lb	5629	8847	8842	18000	18011	18000	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 346 5586	360 5586	(A) 456 5586	474 5586	(A) 5586 5586	5586 5586	(A) 713 5586	742 5586	(A) 5586 5586	(A) 840 5586	874 5586	(A) 959 5586	998 5586	(A) 959 5586	998 5586	(A) 1534 5586	(A) 1534 5586	1597 5586
108.52	Output RPM	32	16	11	32	16	11	32	16	11	32	16	11	32	16	11	32	16	11	
	Input HP (Max) (C)	2.97	2.46	1.63	9.86	5.01	3.32	13.39	6.80	4.50	13.39	6.80	4.50	12.11	6.80	4.50	13.39	6.80	4.50	
	Output Torque, In-Lb	5896	9610	9605	19553	19564	19552	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 346 5586	360 5586	(A) 455 5586	475 5586	(A) 5586 5586	5586 5586	(A) 714 5586	743 5586	(A) 5586 5586	(A) 841 5586	875 5586	(A) 959 5586	998 5586	(A) 959 5586	998 5586	(A) 1534 5586	(A) 1534 5586	1597 5586
120.03	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10	
	Input HP (Max) (C)	2.83	2.46	1.63	9.86	5.01	3.32	12.11	6.15	4.07	12.11	6.15	4.07	11.29	6.15	4.07	12.11	6.15	4.07	
	Output Torque, In-Lb	6216	10630	10624	21628	21640	21627	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 346 5586	360 5586	(A) 454 5586	475 5586	(A) 5586 5586	5586 5586	(A) 714 5586	743 5586	(A) 5586 5586	(A) 842 5586	877 5586	(A) 959 5586	998 5586	(A) 959 5586	998 5586	(A) 1534 5586	(A) 1534 5586	1597 5586
128.86	Output RPM	27	14	9	27	14	9	27	14	9	27	14	9	27	14	9	27	14	9	
	Input HP (Max) (C)	2.73	2.46	1.63	9.63	5.01	3.32	11.28	5.72	3.79	11.28	5.72	3.79	10.47	5.72	3.79	11.28	5.72	3.79	
	Output Torque, In-Lb	6438	11412	11406	22676	23232	23218	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553	26568	26553	26553
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 346 5586	360 5586	(A) 453 5586	475 5586	(A) 5586 5586	5586 5586	(A) 714 5586	736 5586	(A) 5586 5586	(A) 843 5586	877 5586	(A) 946 5586	998 5586	(A) 946 5586	998 5586	(A) 1534 5586	(A) 1534 5586	1597 5586
138.87	Output RPM	25	13	8	25	13	8	25	13	8	25	13	8	25	13	8	-	-	-	
	Input HP (Max) (C)	2.63	2.46	1.63	9.26	4.84	3.32	10.47	5.31	3.52	10.47	5.31	3.52	9.67	5.31	3.52	-	-	-	
	Output Torque, In-Lb	6668	12298	12291	23489	24183	25021	26553	26568	26553	26553	26568	26553	26553	26568	26556	-	-	-	
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 346 5586	360 5586	(A) 452 5586	474 5586	(A) 5586 5586	5586 5586	(A) 708 5586	738 5586	(A) 5586 5586	(A) 843 5586	878 5586	(A) 946 5586	998 5586	-	-	-	-	-
150.31	Output RPM	23	12	8	23	12	8	23	12	8	23	12	8	23	12	8	-	-	-	
	Input HP (Max) (C)	2.52	2.46	1.63	8.87	4.63	3.20	9.67	4.91	3.25	9.67	4.91	3.25	8.89	4.91	3.25	-	-	-	
	Output Torque, In-Lb	6907	13311	13304	24350	25073	26122	26553	26568	26553	26553	26568	26553	26553	26568	26553	-	-	-	
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 345 5586	359 5586	(A) 452 5586	474 5586	(A) 5586 5586	5586 5586	(A) 709 5586	736 5586	(A) 5586 5586	(A) 843 5586	878 5586	(A) 946 5586	998 5586	-	-	-	-	-
163.51	Output RPM	21	11	7	21	11	7	21	11	7	21	11	7	21	11	7	-	-	-	
	Input HP (Max) (C)	2.40	2.46	1.63	8.46	4.42	2.99	8.89	4.51	2.99	8.89	4.51	2.99	8.12	4.51	2.99	-	-	-	
	Output Torque, In-Lb	7159	14480	14472	25277	26033	26552	26553	26568	26553	26553	26568	26553	26553	26568	26553	-	-	-	
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 345 5586	359 5586	(A) 454 5586	474 5586	(A) 5586 5586	5586 5586	(A) 709 5586	738 5586	(A) 5586 5586	(A) 844 5586	878 5586	(A) 946 5586	998 5586	-	-	-	-	-
178.90	Output RPM	19	10	6	19	10	6	19	10	6	19	10	6	-	-	-	-	-	-	
	Input HP (Max) (C)	2.27	2.46	1.63	8.05	4.12	2.73	8.12	4.12	2.73	8.12	4.12	2.73	-	-	-	-	-	-	
	Output Torque, In-Lb	7425	15844	15834	26296	26568	26552	26553	26568	26553	26553	26568	26553	-	-	-	-	-	-	
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 345 5586	359 5586	(A) 452 5586	474 5586	(A) 5586 5586	5586 5586	(A) 710 5586	739 5586	(A) 5586 5586	(A) 844 5586	879 5586	-	-	-	-	-	-	-
201.11	Output RPM	17	9	6	17	9	6	17	9	6	17	9	6	-	-	-	-	-	-	
	Input HP (Max) (C)	2.12	2.46	1.63	7.23	3.67	2.43	7.23	3.67	2.43	7.23	3.67	2.43	-	-	-	-	-	-	
	Output Torque, In-Lb	7773	17810	17800	26553	26568	26552	26553	26568	26553	26553	26568	26553	-	-	-	-	-	-	
	OHL Input Shaft OHL Output Shaft (B)	(A) 5586 5586	(A) 344 5586	359 5586	(A) 454 5586	474 5586	(A) 5586 5586	5586 5586	(A) 711 5586	740 5586	(A) 5586 5586	(A) 879 5586	-	-	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-218	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1083

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		---			140TC			180TC			---			210TC			250TC		
		80D 80			90D 90			100D 100			112D 112			132D 132			160D 160		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
219.64	Output RPM	16	8	5	16	8	5	16	8	5	16	8	5	-	-	-	-	-	-
	Input HP (Max) (C)	2.00	2.46	1.63	6.62	3.36	2.23	6.62	3.36	2.23	6.62	3.36	2.23	-	-	-	-	-	-
	Output Torque, In-Lb (A)	8042	19451	19440	26553	26568	26552	26553	26568	26553	26553	26568	26553	-	-	-	-	-	-
	OHL Input Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	5586	-	-	-	-	-	-
243.47	Output RPM	14	7	5	14	7	5	14	7	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.88	2.37	1.55	5.97	3.03	2.01	5.97	3.03	2.01	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb (A)	8373	20802	20562	26553	26568	26553	26553	26553	26553	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	5586	5586	5586	-	-	-	-	-	-	-	-	-
278.10	Output RPM	12	6	4	12	6	4	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.72	2.17	1.42	5.23	2.65	1.76	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb (A)	8761	21764	21461	26553	26568	26553	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	-	-	-	-	-	-	-	-	-	-	-	-
307.24	Output RPM	11	6	4	11	6	4	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	1.61	2.03	1.32	4.73	2.40	1.59	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb (A)	9029	22430	22082	22970	26568	25389	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	5586	5586	5586	5586	5586	5586	-	-	-	-	-	-	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-218	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1283
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 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	3450	1750	1160	3450	1750	1160
7.10	Output RPM	-	-	-	-	-	-	-	-	-	486	246	163	486	246	163	486	246	163
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	64.54	32.76	21.70	89.63	45.49	30.14	140.63	92.65	61.38
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	8374	8378	8373	11629	11635	11628	18245	23697	23683
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	949 6907	989 6907	(A) (A)	1473 6907	1586 6907	(A) (A)	1534 6907	1955 6907
8.26	Output RPM	-	-	-	-	-	-	-	-	-	418	212	140	418	212	140	418	212	140
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	64.54	32.76	21.70	89.64	45.49	30.14	127.06	85.54	57.44
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	9742	9748	9742	13529	13537	13529	19179	25452	25785
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	948 6907	989 6907	(A) (A)	1439 6907	1586 6907	(A) (A)	1551 6907	1911 6907
9.16	Output RPM	-	-	-	-	-	-	377	191	127	377	191	127	377	191	127	377	191	127
	Input HP (Max) (C)	-	-	-	-	-	-	27.34	13.87	9.19	64.54	32.76	21.70	89.63	45.49	30.14	118.56	78.21	52.51
	Output Torque, In-Lb	-	-	-	-	-	-	4574	4576	4574	10798	10804	10797	14995	15003	14995	19835	25796	26125
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) (A)	838 6907	873 6907	(A) (A)	943 6907	990 6907	(A) (A)	1413 6907	1585 6907	(A) (A)	1551 6907	1889 6907
10.88	Output RPM	-	-	-	317	161	107	317	161	107	317	161	107	317	161	107	317	161	107
	Input HP (Max) (C)	-	-	-	20.42	10.42	6.87	27.34	13.95	9.19	64.38	32.94	21.70	84.99	45.75	30.14	105.49	67.60	45.14
	Output Torque, In-Lb	-	-	-	4059	4061	4059	5435	5438	5435	12798	12838	12830	16896	17829	17818	20970	26345	26690
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) (A)	713 6907	742 6907	(A) (A)	843 6907	869 6907	(A) (A)	949 6907	988 6907	(A) (A)	1360 6907	1583 6907	(A) (A)	1579 6907	1924 6907
12.56	Output RPM	-	-	-	275	139	92	275	139	92	275	139	92	275	139	92	275	139	92
	Input HP (Max) (C)	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	62.19	32.76	21.70	79.92	43.57	28.97	95.70	59.21	39.75
	Output Torque, In-Lb	-	-	-	4685	4687	4685	6273	6276	6273	14267	14816	14808	18336	19709	19765	21956	26782	27126
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) (A)	713 6907	742 6907	(A) (A)	843 6907	877 6907	(A) (A)	951 6907	985 6907	(A) (A)	1332 6907	1582 6907	(A) (A)	1602 6907	1949 6907
13.00	Output RPM	-	-	-	-	-	-	-	-	-	265	135	89	265	135	89	265	135	89
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	64.54	32.76	21.70	89.63	45.49	30.14	125.35	75.26	55.79
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	15329	15338	15329	21289	21301	21288	29772	35237	39410
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	949 6907	989 6907	(A) (A)	1473 6907	1586 6907	(A) (A)	1700 6907	1969 6907
15.13	Output RPM	-	-	-	-	-	-	-	-	-	228	116	77	228	116	77	228	116	77
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	64.54	32.76	21.70	89.63	45.49	30.14	112.74	67.69	48.49
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	17835	17845	17834	24768	24782	24767	31153	36876	39847
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	948 6907	989 6907	(A) (A)	1439 6907	1586 6907	(A) (A)	1712 6907	2008 6907
16.76	Output RPM	-	-	-	-	-	-	206	104	69	206	104	69	206	104	69	206	104	69
	Input HP (Max) (C)	-	-	-	-	-	-	27.34	13.85	9.19	64.54	32.76	21.70	89.63	45.49	30.14	104.92	62.99	44.07
	Output Torque, In-Lb	-	-	-	-	-	-	8373	8360	8373	19767	19778	19766	27451	27467	27450	32134	38032	40141
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) (A)	838 6907	873 6907	(A) (A)	943 6907	990 6907	(A) (A)	1413 6907	1585 6907	(A) (A)	1717 6907	2033 6907
19.92	Output RPM	-	-	-	173	88	58	173	88	58	173	88	58	173	88	58	173	88	58
	Input HP (Max) (C)	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	64.38	32.76	21.70	84.99	45.49	30.14	92.98	55.82	37.56
	Output Torque, In-Lb	-	-	-	7431	7435	7431	9950	9956	9950	23429	23503	23489	30931	32639	32620	33838	40048	40654
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) (A)	713 6907	742 6907	(A) (A)	843 6907	869 6907	(A) (A)	949 6907	988 6907	(A) (A)	1360 6907	1583 6907	(A) (A)	1723 6907	2070 6907

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-250	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1283

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 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	3450	1750	1160	3450	1750	1160
22.92	Output RPM	-	-	-	151	76	51	151	76	51	151	76	51	151	76	51	151	76	51
	Input HP (Max) (C)	-	-	-	20.42	10.39	6.87	27.34	13.92	9.19	62.19	32.86	21.70	79.92	43.71	28.97	84.10	49.11	32.88
	Output Torque, In-Lb	-	-	-	8576	8581	8576	11483	11490	11483	26119	27124	27108	33568	36082	36184	35324	40539	41076
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 6907	713 6907	742 6907	(A) 6907	843 6907	877 6907	(A) 6907	951 6907	985 6907	(A) 6907	1332 6907	1582 6907	(A) 6907	1745 6907	2094 6907
27.02	Output RPM	128	65	43	128	65	43	128	65	43	128	65	43	128	65	43	128	65	43
	Input HP (Max) (C)	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	59.33	31.87	21.45	74.14	40.43	26.87	75.14	42.16	28.32
	Output Torque, In-Lb	4868	4870	4868	10077	10083	10077	13493	13500	13493	29280	31010	31485	36590	39336	39443	37081	41016	41564
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907	453 6907	471 6907	(A) 6907	711 6907	740 6907	(A) 6907	842 6907	877 6907	(A) 6907	951 6907	991 6907	(A) 6907	1266 6907	1581 6907	(A) 6907	1768 6907	2166 6907
30.61	Output RPM	113	57	38	113	57	38	113	57	38	113	57	38	113	57	38	113	57	38
	Input HP (Max) (C)	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	56.88	30.56	20.57	68.84	37.54	25.01	68.84	37.54	25.01
	Output Torque, In-Lb	5516	5519	5516	11419	11426	11419	15290	15299	15290	31813	33693	34214	38498	41391	41599	38498	41391	41600
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907	454 6907	473 6907	(A) 6907	708 6907	738 6907	(A) 6907	839 6907	875 6907	(A) 6907	935 6907	989 6907	(A) 6907	1255 6907	1580 6907	(A) 6907	1782 6907	2136 6907
35.92	Output RPM	96	49	32	96	49	32	96	49	32	96	49	32	96	49	32	96	49	32
	Input HP (Max) (C)	9.86	5.01	3.32	20.42	10.36	6.87	27.34	13.88	9.19	51.24	28.80	19.38	59.69	32.17	21.31	59.69	32.17	21.31
	Output Torque, In-Lb	6473	6477	6473	13400	13408	13400	17942	17953	17942	33626	37263	37825	39173	41623	41599	39173	41623	41600
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907	456 6907	470 6907	(A) 6907	709 6907	739 6907	(A) 6907	840 6907	874 6907	(A) 6907	946 6907	986 6907	(A) 6907	1271 6907	1587 6907	(A) 6907	1802 6907	2159 6907
39.19	Output RPM	88	45	30	88	45	30	88	45	30	88	45	30	88	45	30	88	45	30
	Input HP (Max) (C)	9.86	5.01	3.32	20.42	10.36	6.87	27.18	13.88	9.19	47.70	27.84	18.74	54.34	29.47	19.54	54.34	29.47	19.54
	Output Torque, In-Lb	7061	7065	7061	14618	14627	14618	19457	19585	19573	34151	39300	39901	38904	41587	41599	38904	41587	41600
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907	456 6907	474 6907	(A) 6907	712 6907	738 6907	(A) 6907	755 6907	874 6907	(A) 6907	946 6907	994 6907	(A) 6907	1298 6907	1585 6907	(A) 6907	1813 6907	2170 6907
41.38	Output RPM	-	-	-	-	-	-	-	-	-	83	42	28	83	42	28	83	42	28
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	48.18	27.93	18.50	48.18	27.93	18.50	48.18	27.93	18.50
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	36425	41600	36425	41623	41600	36425	41623	41600	
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	- -	- -	- -	- -	- -	- -	6907 6907	6907 6907	6907 6907	6907 6907	6907 6907	6907 6907	6907 6907	6907 6907	6907 6907
48.14	Output RPM	-	-	-	-	-	-	-	-	-	72	36	24	72	36	24	72	36	24
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	43.34	24.01	15.90	43.34	24.01	15.90	43.43	24.01	15.90
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	38118	41623	41600	38118	41623	41600	38118	41623	41600
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	- -	- -	- -	- -	- -	- -	(A) 6907	946 6907	986 6907	(A) 6907	1524 6907	1588 6907	(A) 6907	2174 6907	2502 6907
53.36	Output RPM	-	-	-	-	-	65	33	22	65	33	22	65	33	22	65	33	22	
	Input HP (Max) (C)	-	-	-	-	-	27.34	13.88	9.19	40.33	21.66	14.35	40.33	21.66	14.35	40.33	21.66	14.35	
	Output Torque, In-Lb	-	-	-	-	-	26650	26665	26650	39312	41623	41600	39312	41623	41600	39312	41623	41600	
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	- -	- -	6907 6907	6907 6907	6907 6907	6907 6907	(A) 6907	838 6907	873 6907	(A) 6907	950 6907	989 6907	(A) 6907	1527 6907	1590 6907
63.41	Output RPM	-	-	-	54	28	18	54	28	18	54	28	18	54	28	18	54	28	18
	Input HP (Max) (C)	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	35.11	18.23	12.08	35.11	18.23	12.08	35.11	18.23	12.08
	Output Torque, In-Lb	-	-	-	23651	23665	23651	31669	31686	31669	40669	41623	41600	40669	41623	41600	40669	41623	41600
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	6907 6907	713 6907	742 6907	(A) 6907	843 6907	869 6907	(A) 6907	947 6907	987 6907	(A) 6907	1531 6907	1594 6907	(A) 6907	2198 6907	2503 6907

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-250	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1283

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 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	3450	1750	1160	3450	1750	1160
73.18	Output RPM	-	-	-	47	24	16	47	24	16	47	24	16	47	24	16	47	24	16
	Input HP (Max) (C)	-	-	-	20.42	10.36	6.87	27.34	13.88	9.19	30.75	15.79	10.46	30.75	15.79	10.46	30.75	15.79	10.46
	Output Torque, In-Lb	-	-	-	27296	27311	27296	36549	36569	36549	41104	41623	41600	41104	41623	41600	41104	41623	41600
	OHL Input Shaft	-	-	-	(A)	713	742	(A)	843	877	(A)	952	992	(A)	1532	1595	(A)	2209	2503
	OHL Output Shaft (B)	-	-	-	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
85.98	Output RPM	40	20	13	40	20	13	40	20	13	40	20	13	40	20	13	40	20	13
	Input HP (Max) (C)	9.86	5.01	3.32	20.42	10.36	6.87	26.48	13.44	8.90	26.48	13.44	8.90	26.48	13.44	8.90	26.48	13.44	8.90
	Output Torque, In-Lb	15493	15501	15493	32073	32091	32073	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600
	OHL Input Shaft	(A)	453	471	(A)	711	740	(A)	842	877	(A)	955	994	(A)	1533	1596	(A)	2220	2503
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
97.44	Output RPM	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12
	Input HP (Max) (C)	9.86	5.01	3.32	20.42	10.36	6.87	23.37	11.86	7.86	23.37	11.86	7.86	23.37	11.86	7.86	23.37	11.86	7.86
	Output Torque, In-Lb	17556	17566	17556	36345	36365	36345	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600
	OHL Input Shaft	(A)	454	473	(A)	708	738	(A)	843	878	(A)	956	996	(A)	1534	1596	(A)	2227	2503
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
114.34	Output RPM	30	15	10	30	15	10	30	15	10	30	15	10	30	15	10	30	15	10
	Input HP (Max) (C)	9.86	5.01	3.32	19.92	10.11	6.70	19.92	10.11	6.70	19.92	10.11	6.70	19.92	10.11	6.70	19.92	10.11	6.70
	Output Torque, In-Lb	20602	20614	20602	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600
	OHL Input Shaft	(A)	456	470	(A)	710	740	(A)	844	878	(A)	958	997	(A)	1534	1597	(A)	2234	2480
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
124.74	Output RPM	28	14	9	28	14	9	28	14	9	28	14	9	28	14	9	28	14	9
	Input HP (Max) (C)	9.86	5.01	3.32	18.26	9.27	6.14	18.26	9.27	6.14	18.26	9.27	6.14	18.26	9.27	6.14	18.26	9.27	6.14
	Output Torque, In-Lb	22475	22488	22475	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600
	OHL Input Shaft	(A)	456	474	(A)	706	736	(A)	836	871	(A)	958	997	(A)	1534	1597	(A)	2238	2481
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
136.07	Output RPM	25	13	9	25	13	9	25	13	9	25	13	9	25	13	9	25	13	9
	Input HP (Max) (C)	9.86	5.01	3.32	16.74	8.49	5.63	16.74	8.49	5.63	16.74	8.49	5.63	16.74	8.49	5.63	16.74	8.49	5.63
	Output Torque, In-Lb	24516	24530	24516	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600
	OHL Input Shaft	(A)	456	475	(A)	708	738	(A)	838	873	(A)	958	997	(A)	1534	1597	(A)	2241	2485
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
146.84	Output RPM	23	12	8	23	12	8	23	12	8	23	12	8	23	12	8	23	12	8
	Input HP (Max) (C)	9.86	5.01	3.32	15.51	7.87	5.21	15.51	7.87	5.21	15.51	7.87	5.21	15.51	7.87	5.21	15.51	7.87	5.21
	Output Torque, In-Lb	26457	26472	26456	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600
	OHL Input Shaft	(A)	455	475	(A)	710	740	(A)	839	871	(A)	958	998	(A)	1534	1597	(A)	2240	2489
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907
164.11	Output RPM	21	11	7	21	11	7	21	11	7	21	11	7	21	11	7	-	-	-
	Input HP (Max) (C)	9.86	5.01	3.32	13.88	7.04	4.67	13.88	7.04	4.67	13.88	7.04	4.67	13.88	7.04	4.67	-	-	-
	Output Torque, In-Lb	29570	29587	29569	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600	-	-	-
	OHL Input Shaft	(A)	454	475	(A)	711	741	(A)	838	873	(A)	959	998	(A)	1534	1597	-	-	-
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	-	-	-
175.80	Output RPM	20	10	7	20	10	7	20	10	7	20	10	7	20	10	7	-	-	-
	Input HP (Max) (C)	9.59	5.01	3.32	12.95	6.57	4.36	12.95	6.57	4.36	12.95	6.57	4.36	12.95	6.57	4.36	-	-	-
	Output Torque, In-Lb	30812	31693	31675	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	41623	41600	-	-	-
	OHL Input Shaft	(A)	452	475	(A)	712	741	(A)	839	874	(A)	959	998	(A)	1534	1597	-	-	-
	OHL Output Shaft (B)	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	6907	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-250	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1283

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		140TC 90D 90			180TC 100D 100			--- 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	3450	1750	1160	3450	1750	1160
189.04	Output RPM	18	9	6	18	9	6	18	9	6	18	9	6	-	-	-	-	-	-
	Input HP (Max) (C)	9.22	4.82	3.32	12.05	6.11	4.05	12.05	6.11	4.05	12.05	6.11	4.05	-	-	-	-	-	-
	Output Torque, In-Lb	31846	32784	34061	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907 6907	452 6907	474 6907	(A) 6907 6907	713 6907	742 6907	(A) 6907 6907	840 6907	875 6907	(A) 6907 6907	959 6907	998 6907	-	-	-	-	-	-
204.18	Output RPM	17	9	6	17	9	6	17	9	6	17	9	6	-	-	-	-	-	-
	Input HP (Max) (C)	8.83	4.61	3.19	11.15	5.66	3.75	11.15	5.66	3.75	11.15	5.66	3.75	-	-	-	-	-	-
	Output Torque, In-Lb	32937	33915	35335	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907 6907	452 6907	474 6907	(A) 6907 6907	713 6907	742 6907	(A) 6907 6907	842 6907	876 6907	(A) 6907 6907	959 6907	998 6907	-	-	-	-	-	-
221.64	Output RPM	16	8	5	16	8	5	16	8	5	16	8	5	-	-	-	-	-	-
	Input HP (Max) (C)	8.43	4.40	3.04	10.27	5.21	3.45	10.27	5.21	3.45	10.27	5.21	3.45	-	-	-	-	-	-
	Output Torque, In-Lb	34116	35135	36606	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907 6907	454 6907	474 6907	(A) 6907 6907	714 6907	743 6907	(A) 6907 6907	842 6907	877 6907	(A) 6907 6907	959 6907	998 6907	-	-	-	-	-	-
242.02	Output RPM	14	7	5	14	7	5	14	7	5	14	7	5	-	-	-	-	-	-
	Input HP (Max) (C)	8.01	4.18	2.89	9.41	4.78	3.16	9.41	4.78	3.16	9.41	4.78	3.16	-	-	-	-	-	-
	Output Torque, In-Lb	35412	36473	38002	41600	41623	41600	41600	41623	41600	41600	41623	41600	41600	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907 6907	454 6907	474 6907	(A) 6907 6907	714 6907	743 6907	(A) 6907 6907	843 6907	877 6907	(A) 6907 6907	959 6907	998 6907	-	-	-	-	-	-
270.90	Output RPM	13	6	4	13	6	4	13	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	7.51	3.93	2.71	8.41	4.27	2.83	8.41	4.27	2.83	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	37182	38299	39910	41600	41623	41600	41600	41623	41600	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907 6907	453 6907	474 6907	(A) 6907 6907	714 6907	743 6907	(A) 6907 6907	843 6907	878 6907	-	-	-	-	-	-	-	-	-
295.38	Output RPM	12	6	4	12	6	4	12	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	7.16	3.74	2.58	7.71	3.91	2.59	7.71	3.91	2.59	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	38646	39802	41473	41600	41623	41600	41600	41623	41600	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 6907 6907	453 6907	474 6907	(A) 6907 6907	714 6907	743 6907	(A) 6907 6907	844 6907	878 6907	-	-	-	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-250	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1483

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
4.83	Output RPM	-	-	-	-	-	-	-	-	-	714	362	240	714	362	240	714	362	240
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	89.63	45.49	30.14	182.55	92.65	61.38	247.87	136.15	89.92
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	7910	7915	7910	16110	16120	16110	21875	23688	23602
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	1523 9207	1587 10246	(A) (A)	1739 9207	2148 10246	(A) (A)	2182 9207	2284 10246
6.43	Output RPM	-	-	-	-	-	-	-	-	-	537	272	181	537	272	181	537	272	181
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	89.63	45.49	30.14	181.92	92.65	61.38	209.62	126.51	86.71
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	10525	10531	10524	21361	21448	21435	24613	29288	30281
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	1474 9207	1587 10246	(A) (A)	1631 9207	2075 10246	(A) (A)	2133 9207	2274 10246
7.44	Output RPM	-	-	-	-	-	-	464	235	156	464	235	156	464	235	156	464	235	156
	Input HP (Max) (C)	-	-	-	-	-	-	64.56	32.76	21.70	89.63	45.49	30.14	176.60	92.67	61.38	189.91	116.71	84.42
	Output Torque, In-Lb	-	-	-	-	-	-	8775	8780	8775	12187	12193	12186	24011	24838	24819	25819	31280	34136
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) (A)	948 10246	990 10246	(A) (A)	1442 10246	1588 10246	(A) (A)	1562 10246	2036 10246	(A) (A)	2094 10246	2287 10246
8.79	Output RPM	-	-	-	-	-	-	393	199	132	393	199	132	393	199	132	393	199	132
	Input HP (Max) (C)	-	-	-	-	-	-	64.38	32.76	21.70	84.99	45.49	30.14	167.09	91.75	60.62	169.74	105.76	76.39
	Output Torque, In-Lb	-	-	-	-	-	-	10334	10366	10360	13643	14396	14387	26820	29036	28938	27246	33468	36466
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) (A)	949 10246	990 11162	(A) (A)	1397 10246	1589 11162	(A) (A)	1321 10246	2003 11162	(A) (A)	2058 10246	2285 11162
9.77	Output RPM	-	-	-	-	-	-	-	-	-	353	179	119	353	179	119	353	179	119
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	89.63	45.49	30.14	182.55	92.66	61.38	244.22	136.16	89.92
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	16000	16009	16000	32587	32606	32586	43594	47914	47739
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	1523 10246	1587 11162	(A) (A)	1739 10246	2148 11162	(A) (A)	2182 10246	2284 11162
13.00	Output RPM	-	-	-	-	-	-	-	-	-	265	135	89	265	135	89	265	135	89
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	89.63	45.49	30.14	181.92	92.65	61.38	207.73	126.53	86.71
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	21289	21301	21288	43207	43383	43357	49338	59242	61251
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) (A)	1474 11162	1587 11951	(A) (A)	1631 11162	2075 11951	(A) (A)	2128 11162	2274 11951
15.05	Output RPM	-	-	-	-	-	-	229	116	77	229	116	77	229	116	77	229	116	77
	Input HP (Max) (C)	-	-	-	-	-	-	64.38	32.76	21.70	89.63	45.49	30.14	176.60	92.65	61.38	189.91	116.70	81.15
	Output Torque, In-Lb	-	-	-	-	-	-	20902	17760	17749	24650	24664	24649	48567	50233	50203	52226	63268	66374
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) (A)	948 11162	990 11951	(A) (A)	1442 11162	1588 10246	(A) (A)	1562 11162	2036 11951	(A) (A)	2094 11162	2287 11951
17.77	Output RPM	-	-	-	-	-	-	194	98	65	194	98	65	194	98	65	194	98	65
	Input HP (Max) (C)	-	-	-	-	-	-	64.38	32.76	21.70	84.99	45.49	30.14	167.09	91.76	60.62	169.74	103.53	69.59
	Output Torque, In-Lb	-	-	-	-	-	-	20902	20968	20955	27595	29119	29102	54250	58731	58534	55111	66265	67198
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) (A)	949 11951	990 11951	(A) (A)	1397 10246	1589 10246	(A) (A)	1321 11951	2003 11951	(A) (A)	2120 10246	2285 11951
19.84	Output RPM	-	-	-	174	88	59	174	88	59	174	88	59	174	88	59	174	88	59
	Input HP (Max) (C)	-	-	-	27.34	13.88	9.19	62.19	32.76	21.70	79.92	43.58	28.97	145.01	87.33	57.70	157.48	93.52	62.90
	Output Torque, In-Lb	-	-	-	9911	9917	9911	22543	23411	23397	28973	31142	31230	52568	62412	62215	57090	66834	67818
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) (A)	835 11951	870 12561	(A) (A)	949 10246	991 11951	(A) (A)	1384 11951	1589 12561	(A) (A)	1250 11951	1983 12561	(A) (A)	2192 11951	2285 12561

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-282	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1483

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
23.19	Output RPM	149	75	50	149	75	50	149	75	50	149	75	50	149	75	50	149	75	50
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.88	9.19	59.33	31.87	21.45	74.14	40.43	26.87	128.69	81.03	54.46	141.61	81.03	54.46
	Output Torque, In-Lb	8649	8654	8649	11581	11588	11581	25132	26617	27024	31406	33762	33854	54513	67670	68609	59983	67670	68611
	OHL Input Shaft OHL Output Shaft (B)	(A) 713 11162	742 11951	742 12561	(A) 843 11162	877 11951	877 12561	(A) 946 11162	990 11951	990 12561	(A) 1370 11162	1589 12561	(A) 1151 11162	1938 12561	(A) 2199 11162	2292 12561	(A) 2199 11162	2292 12561	(A) 2199 11162
26.58	Output RPM	130	66	44	130	66	44	130	66	44	130	66	44	130	66	44	130	66	44
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.88	9.19	56.88	30.56	20.57	69.86	38.10	25.32	115.52	71.44	48.00	128.96	71.44	48.00
	Output Torque, In-Lb	9916	9922	9916	13277	13285	13277	27626	29258	29711	33926	36474	36575	56100	68393	69333	62627	68393	69335
	OHL Input Shaft OHL Output Shaft (B)	(A) 712 11162	741 11951	741 12561	(A) 842 11162	877 11951	877 12561	(A) 952 11162	988 11951	988 12561	(A) 1352 11162	1588 12561	(A) 1213 11162	1873 12561	(A) 2189 11162	2283 12561	(A) 2189 11162	2283 12561	(A) 2189 11162
30.74	Output RPM	-	-	-	112	57	38	112	57	38	112	57	38	112	57	38	112	57	38
	Input HP (Max) (C)	-	-	-	27.34	13.88	9.19	53.58	28.80	19.38	64.94	35.42	23.54	114.77	62.48	41.99	114.77	62.48	41.99
	Output Torque, In-Lb	-	-	-	15351	15359	15350	30083	31881	32361	36463	39207	39308	64442	69154	70112	64442	69154	70112
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) 840 11162	877 12561	877 13027	(A) 953 11162	986 12561	986 13027	(A) 1334 11162	1587 13027	(A) 1268 11162	1824 13027	(A) 2197 11162	2290 12561	(A) 2197 11162	2290 12561	(A) 2197 11162
31.10	Output RPM	-	-	-	-	-	-	-	-	-	111	56	37	111	56	37	111	56	37
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	89.63	45.49	30.14	116.84	63.25	41.90	116.84	63.25	41.90
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	50925	50954	50924	66384	70848	70808	66384	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) 1523 11162	1587 12561	(A) 1957 13027	2313 13027	(A) 2205 11162	2297 13027	(A) 2205 11162	2297 13027	(A) 2205 11162
41.38	Output RPM	-	-	-	-	-	-	-	-	-	83	42	28	83	42	28	83	42	28
	Input HP (Max) (C)	-	-	-	-	-	-	-	-	-	77.27	42.12	28.00	87.78	47.54	31.49	91.66	47.54	31.49
	Output Torque, In-Lb	-	-	-	-	-	-	-	-	-	58413	62775	62944	66357	70848	70806	69288	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	-	-	-	(A) 1504 11951	1592 12561	(A) 2044 13027	2403 13027	(A) 2194 11951	2287 13027	(A) 2194 11951	2287 13027	(A) 2194 11951
47.91	Output RPM	-	-	-	-	-	-	72	37	24	72	37	24	72	37	24	72	37	24
	Input HP (Max) (C)	-	-	-	-	-	-	64.54	32.76	21.70	80.10	41.06	27.20	80.10	41.06	27.20	80.10	41.06	27.20
	Output Torque, In-Lb	-	-	-	-	-	-	56494	56526	56493	70108	70848	70806	70108	70848	70808	70108	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) 948 11951	991 13027	991 13027	(A) 1484 11951	1588 13027	(A) 2044 13027	2403 13027	(A) 2190 11951	2283 13027	(A) 2190 11951	2283 13027	(A) 2190 11951
56.57	Output RPM	-	-	-	-	-	-	61	31	21	61	31	21	61	31	21	61	31	21
	Input HP (Max) (C)	-	-	-	-	-	-	64.38	32.76	21.70	68.52	34.78	23.04	68.52	34.78	23.04	68.52	34.78	23.04
	Output Torque, In-Lb	-	-	-	-	-	-	66528	66736	66697	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	-	-	-	(A) 949 12561	990 13027	990 13027	(A) 1509 13027	1591 13027	(A) 2068 12561	2426 13027	(A) 2199 13027	2292 12561	(A) 2199 13027	2292 12561	(A) 2199 13027
63.16	Output RPM	-	-	-	55	28	18	55	28	18	55	28	18	55	28	18	55	28	18
	Input HP (Max) (C)	-	-	-	27.34	13.88	9.19	61.37	31.15	20.63	61.37	31.15	20.63	61.37	31.15	20.63	61.37	31.15	20.63
	Output Torque, In-Lb	-	-	-	31545	31563	31545	70808	70848	70806	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) 835 12561	870 13027	870 13027	(A) 950 12561	994 13027	994 13027	(A) 1524 13027	1593 13027	(A) 2084 12561	2439 13027	(A) 2202 12561	2295 13027	(A) 2202 12561	2295 13027	(A) 2202 12561
73.80	Output RPM	47	24	16	47	24	16	47	24	16	47	24	16	47	24	16	47	24	16
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.88	9.19	52.52	26.66	17.66	52.52	26.66	17.66	52.52	26.66	17.66	52.52	26.66	17.66
	Output Torque, In-Lb	27528	27544	27528	36860	36881	36860	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	(A) 713 12561	742 13027	742 13027	(A) 843 12561	877 13027	877 13027	(A) 950 12561	995 13027	995 13027	(A) 1531 12561	1594 13027	(A) 2100 12561	2458 13027	(A) 2205 13027	2298 12561	(A) 2205 13027	2298 12561	(A) 2205 13027

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-282	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1483
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
84.61	Output RPM	41	21	14	41	21	14	41	21	14	41	21	14	41	21	14	41	21	14
	Input HP (Max) (C)	20.42	10.36	6.87	27.34	13.88	9.19	45.81	23.25	15.40	45.81	23.25	15.40	45.81	23.25	15.40	45.81	23.25	15.40
	Output Torque, In-Lb	31561	31579	31561	42259	42283	42258	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	(A) 712 12561	741 13027	741 13027	(A) 842 12561	877 13027	877 13027	(A) 954 12561	995 13027	995 13027	(A) 1532 12561	1595 13027	1595 13027	(A) 2113 12561	2468 13027	2468 13027	(A) 2113 12561	2468 13027	(A) 2207 12561
97.82	Output RPM	-	-	-	35	18	12	35	18	12	35	18	12	35	18	12	35	18	12
	Input HP (Max) (C)	-	-	-	27.34	13.88	9.19	39.62	20.11	13.32	39.62	20.11	13.32	39.62	20.11	13.32	39.62	20.11	13.32
	Output Torque, In-Lb	-	-	-	48858	48886	48857	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 840 13027	877 13027	877 13027	(A) 956 13027	996 13027	996 13027	(A) 1521 13027	1585 13027	1585 13027	(A) 2124 13027	2483 13027	2483 13027	(A) 2124 13027	2483 13027	(A) 2208 13027
101.53	Output RPM	34	17	11	34	17	11	34	17	11	34	17	11	34	17	11	34	17	11
	Input HP (Max) (C)	20.42	10.36	6.87	27.18	13.88	9.19	38.17	19.37	12.84	38.17	19.37	12.84	38.17	19.37	12.84	38.17	19.37	12.84
	Output Torque, In-Lb	37873	37894	37872	50410	50740	50710	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	(A) 708 13027	740 13027	740 13027	(A) 839 13027	878 13027	878 13027	(A) 956 13027	996 13027	996 13027	(A) 1522 13027	1586 13027	1586 13027	(A) 2127 13027	2485 13027	2485 13027	(A) 2127 13027	2485 13027	(A) 2209 13027
112.35	Output RPM	31	16	10	31	16	10	31	16	10	31	16	10	31	16	10	31	16	10
	Input HP (Max) (C)	20.42	10.36	6.87	26.07	13.88	9.19	34.50	17.51	11.60	34.50	17.51	11.60	34.50	17.51	11.60	34.50	17.51	11.60
	Output Torque, In-Lb	41908	41932	41907	53509	56146	56112	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	(A) 711 13027	739 13027	739 13027	(A) 835 13027	877 13027	877 13027	(A) 957 13027	997 13027	997 13027	(A) 1520 13027	1583 13027	1583 13027	(A) 2134 13027	2491 13027	2491 13027	(A) 2134 13027	2491 13027	(A) 2209 13027
131.49	Output RPM	26	13	9	26	13	9	26	13	9	26	13	9	26	13	9	26	13	9
	Input HP (Max) (C)	20.36	10.36	6.87	25.11	13.44	9.08	29.48	14.96	9.91	29.48	14.96	9.91	29.48	14.96	9.91	29.48	14.96	9.91
	Output Torque, In-Lb	48895	49075	49046	60305	63665	64845	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	(A) 712 13027	737 13027	737 13027	(A) 838 13027	876 13027	876 13027	(A) 957 13027	988 13027	988 13027	(A) 1525 13027	1589 13027	1589 13027	(A) 2143 13027	2499 13027	2499 13027	(A) 2143 13027	2499 13027	(A) 2210 13027
142.41	Output RPM	24	12	8	24	12	8	24	12	8	24	12	8	24	12	8	24	12	8
	Input HP (Max) (C)	19.23	10.09	6.87	23.72	12.71	8.58	27.22	13.81	9.15	27.22	13.81	9.15	27.22	13.81	9.15	27.22	13.81	9.15
	Output Torque, In-Lb	50033	51758	53117	61716	65162	66372	70808	70848	70808	70808	70848	70808	70808	70848	70808	70808	70848	70808
	OHL Input Shaft OHL Output Shaft (B)	(A) 712 13027	737 13027	737 13027	(A) 838 13027	876 13027	876 13027	(A) 958 13027	990 13027	990 13027	(A) 1527 13027	1590 13027	1590 13027	(A) 2147 13027	2503 13027	2503 13027	(A) 2147 13027	2503 13027	(A) 2210 13027
158.93	Output RPM	22	11	7	22	11	7	22	11	7	22	11	7	22	11	7	-	-	-
	Input HP (Max) (C)	18.57	9.75	6.71	22.96	12.30	8.20	24.39	12.38	8.20	24.39	12.38	8.20	24.39	12.38	8.20	-	-	-
	Output Torque, In-Lb	53928	55811	57958	66677	70405	70806	70808	70848	70808	70808	70848	70808	70808	70848	70808	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 659 13027	736 13027	736 13027	(A) 751 13027	875 13027	875 13027	(A) 949 13027	989 13027	989 13027	(A) 1529 13027	1592 13027	1592 13027	(A) 2153 13027	2503 13027	2503 13027	(A) 2153 13027	-	-
168.50	Output RPM	21	10	7	21	10	7	21	10	7	21	10	7	21	10	7	-	-	-
	Input HP (Max) (C)	17.89	9.39	6.47	22.19	11.67	7.73	23.00	11.67	7.73	23.00	11.67	7.73	23.00	11.67	7.73	-	-	-
	Output Torque, In-Lb	55077	57009	59201	68310	70848	70806	70808	70848	70808	70808	70848	70808	70808	70848	70808	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 639 13027	736 13027	736 13027	(A) 755 13027	875 13027	875 13027	(A) 950 13027	991 13027	991 13027	(A) 1530 13027	1593 13027	1593 13027	(A) 2155 13027	2503 13027	2503 13027	(A) 2155 13027	-	-
191.02	Output RPM	18	9	6	18	9	6	18	9	6	18	9	6	-	-	-	-	-	-
	Input HP (Max) (C)	17.23	9.04	6.23	20.29	10.30	6.82	20.29	10.30	6.82	20.29	10.30	6.82	-	-	-	-	-	-
	Output Torque, In-Lb	60116	62204	64612	70808	70848	70806	70808	70848	70808	70808	70848	70808	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 514 13027	738 13027	738 13027	(A) 786 13027	873 13027	873 13027	(A) 950 13027	992 13027	992 13027	(A) 1531 13027	1594 13027	1594 13027	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-282	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1483

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		180TC 100D 100			--- 112D 112			210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
204.38	Output RPM	17	9	6	17	9	6	17	9	6	17	9	6	-	-	-	-	-	-
	Input HP (Max) (C)	16.58	8.55	5.99	18.96	9.63	6.38	18.96	9.63	6.38	18.96	9.63	6.38	-	-	-	-	-	-
	Output Torque, In-Lb	61904	62906	66524	70808	70848	70806	70808	70848	70808	70808	70848	70808	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 507 13027	(A) 507 13027	(A) 737 13027	(A) 801 13027	(A) 801 13027	(A) 873 13027	(A) 951 13027	(A) 951 13027	(A) 993 13027	(A) 1532 13027	(A) 1532 13027	(A) 1595 13027	-	-	-	-	-	-
214.96	Output RPM	16	8	5	16	8	5	16	8	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	15.93	12.06	5.76	18.03	9.15	6.06	18.03	9.15	6.06	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	62546	63335	67238	70808	70848	70806	70808	70848	70808	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 507 13027	(A) 507 13027	(A) 738 13027	(A) 815 13027	(A) 815 13027	(A) 873 13027	(A) 952 13027	(A) 952 13027	(A) 994 13027	-	-	-	-	-	-	-	-	-
231.95	Output RPM	15	8	5	15	8	5	15	8	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	15.13	11.26	5.48	16.71	8.48	5.62	16.71	8.48	5.62	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	64128	64024	69062	70808	70848	70808	70808	70848	70808	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 507 13027	(A) 507 13027	(A) 737 13027	(A) 830 13027	(A) 830 13027	(A) 874 13027	(A) 953 13027	(A) 953 13027	(A) 995 13027	-	-	-	-	-	-	-	-	-
251.55	Output RPM	14	7	5	14	7	5	14	7	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	14.07	7.13	5.18	15.41	7.81	5.18	15.41	7.81	5.18	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	64653	64739	70806	70808	70848	70808	70808	70848	70808	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 507 13027	(A) 507 13027	(A) 742 13027	(A) 840 13027	(A) 840 13027	(A) 875 13027	(A) 955 13027	(A) 955 13027	(A) 994 13027	-	-	-	-	-	-	-	-	-
274.42	Output RPM	13	6	4	13	6	4	13	6	4	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	13.00	6.62	4.75	14.12	7.17	4.75	14.12	7.17	4.75	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	65181	65438	70808	70808	70848	70808	70808	70848	70808	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 507 13027	(A) 507 13027	(A) 683 13027	(A) 841 13027	(A) 841 13027	(A) 876 13027	(A) 955 13027	(A) 955 13027	(A) 994 13027	-	-	-	-	-	-	-	-	-
306.08	Output RPM	11	6	4	11	6	4	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	11.77	6.01	4.26	12.66	6.43	4.26	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	65793	66221	70808	70808	70848	70808	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft OHL Output Shaft (B)	(A) 507 13027	(A) 507 13027	(A) 700 13027	(A) 842 13027	(A) 842 13027	(A) 877 13027	-	-	-	-	-	-	-	-	-	-	-	-

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

Blank areas (-) indicate configuration not available

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-282	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

QUANTIS

QUANTIS GOLD

ILH

RHB

MSM

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1683
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
6.61	Output RPM	-	-	-	522	265	176	522	265	176	522	265	176	522	265	176
	Input HP (Max) (C)	-	-	-	89.63	45.49	30.14	182.55	92.65	61.38	92.70	116.82	93.51	95.95	120.91	96.78
	Output Torque, In-Lb	-	-	-	10825	10831	10825	22047	22060	22047	11196	27813	33587	11588	28787	34764
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) (A)	1523 13774	1587 15278	(A) (A)	1745 13774	2479 15278	(A) (A)	2188 13774	2281 15278	(A) (A)	2275 13774	2730 15278
8.64	Output RPM	-	-	-	399	203	134	399	203	134	399	203	134	399	203	134
	Input HP (Max) (C)	-	-	-	89.63	45.49	30.14	181.92	92.65	61.38	89.76	113.11	90.54	93.46	117.78	94.27
	Output Torque, In-Lb	-	-	-	14144	14152	14144	28707	28824	28807	14164	35186	42491	14748	36639	44245
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) (A)	1488 15278	1588 16566	(A) (A)	1640 15278	2491 16566	(A) (A)	2193 15278	2284 16566	(A) (A)	2170 15278	2626 16566
10.17	Output RPM	339	172	114	339	172	114	339	172	114	339	172	114	339	172	114
	Input HP (Max) (C)	64.54	32.76	21.70	89.63	45.49	30.14	176.60	92.65	61.38	87.59	110.37	88.35	91.51	114.28	92.31
	Output Torque, In-Lb	11996	12003	11995	16659	16668	16658	32822	33948	33928	16278	40439	48835	17008	41872	51025
	OHL Input Shaft OHL Output Shaft (B)	(A) 13774	948 15278	990 16566	(A) 13774	1451 15278	1588 16566	(A) 13774	1546 15278	2484 16566	(A) 13774	2189 15278	2284 16566	(A) 13774	2067 15278	2548 16566
11.67	Output RPM	296	150	99	296	150	99	296	150	99	296	150	99	296	150	99
	Input HP (Max) (C)	64.38	32.76	21.70	84.99	45.49	30.14	167.09	91.75	60.62	84.19	106.09	84.92	88.33	104.90	89.10
	Output Torque, In-Lb	13723	13767	13758	18118	19118	19107	35618	38560	38431	17947	44583	53840	18830	44083	56491
	OHL Input Shaft OHL Output Shaft (B)	(A) 13774	942 16566	990 17607	(A) 13774	1415 16566	1589 17607	(A) 13774	1334 16566	2007 17607	(A) 13774	2066 16566	2277 17607	(A) 13774	2034 16566	2495 17607
12.41	Output RPM	-	-	-	278	141	94	278	141	94	278	141	94	278	141	94
	Input HP (Max) (C)	-	-	-	89.63	45.49	30.14	182.55	92.66	61.38	92.70	116.82	93.51	95.95	120.91	96.78
	Output Torque, In-Lb	-	-	-	20316	20328	20316	41378	41401	41377	21012	52198	63035	21748	54027	65244
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) 13774	1523 16566	1587 17607	(A) 13774	1745 16566	2479 17607	(A) 13774	2188 16566	2281 17607	(A) 13774	2275 16566	2730 17607
16.21	Output RPM	-	-	-	213	108	72	213	108	72	213	108	72	213	108	72
	Input HP (Max) (C)	-	-	-	89.63	45.49	30.14	181.92	92.65	61.38	89.76	113.10	90.54	93.46	117.77	94.27
	Output Torque, In-Lb	-	-	-	26546	26561	26545	53876	54096	54063	26582	66036	79746	27679	68762	83038
	OHL Input Shaft OHL Output Shaft (B)	-	-	-	(A) 15278	1488 16566	1588 17607	(A) 15278	1640 16566	2491 17607	(A) 15278	2193 16566	2284 17607	(A) 15278	2170 16566	2626 17607
19.09	Output RPM	181	92	61	181	92	61	181	92	61	181	92	61	181	92	61
	Input HP (Max) (C)	64.54	32.76	21.70	89.63	45.49	30.14	176.60	92.65	61.38	87.59	110.37	88.35	91.51	114.28	92.31
	Output Torque, In-Lb	22513	22526	22512	31265	31283	31264	61600	63713	63675	30550	75894	91651	31920	78583	95761
	OHL Input Shaft OHL Output Shaft (B)	(A) 15278	948 17607	990 19423	(A) 15278	1451 17607	1588 19423	(A) 15278	1546 17607	2484 19423	(A) 15278	2189 17607	2284 19423	(A) 15278	2067 17607	2548 19423
21.90	Output RPM	158	80	53	158	80	53	158	80	53	158	80	53	158	80	53
	Input HP (Max) (C)	64.38	32.76	21.70	84.99	45.49	30.14	167.09	91.75	60.62	84.19	106.09	84.92	88.33	104.90	89.10
	Output Torque, In-Lb	25756	25837	25821	34003	35880	35859	66846	72368	72125	33681	83672	101044	35340	82734	106020
	OHL Input Shaft OHL Output Shaft (B)	(A) 16566	942 17607	991 19423	(A) 16566	1415 17607	1589 19423	(A) 16566	1334 17607	2007 19423	(A) 16566	2066 17607	2277 19423	(A) 16566	2034 17607	2495 19423
24.14	Output RPM	143	73	48	143	73	48	143	73	48	143	73	48	143	73	48
	Input HP (Max) (C)	62.19	32.76	21.70	79.92	43.58	28.97	159.05	87.33	57.70	81.64	100.11	82.35	85.91	98.43	86.56
	Output Torque, In-Lb	27420	28476	28459	35241	37880	37987	70131	75916	75676	35997	87022	107992	37881	85562	113524
	OHL Input Shaft OHL Output Shaft (B)	(A) 16566	949 17607	991 19423	(A) 16566	1404 17607	1581 19423	(A) 16566	1280 17607	1994 19423	(A) 16566	2027 17607	2268 19423	(A) 16566	2014 17607	2451 19423

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-314	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1683

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

60 HZ

Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
28.54	Output RPM	121	61	41	121	61	41	121	61	41	121	61	41	121	61	41
	Input HP (Max) (C)	59.33	31.87	21.45	74.14	40.43	26.87	151.27	83.10	54.89	77.92	89.27	74.20	82.35	87.74	74.20
	Output Torque, In-Lb	30936	32763	33265	38658	41559	41673	78873	85423	85116	40629	91759	115070	42937	90186	115070
	OHL Input Shaft OHL Output Shaft (B)	(A) 947 16566	990 19423	990 19423	(A) 1385 16566	1579 19423	(A) 1078 16566	1939 19423	(A) 1078 16566	1939 19423	(A) 1078 16566	(A) 1990 19423	2290 19423	(A) 1979 19423	(A) 1979 16566	2253 19423
32.53	Output RPM	106	54	36	106	54	36	106	54	36	106	54	36	106	54	36
	Input HP (Max) (C)	56.88	30.56	20.57	69.86	38.10	25.32	147.61	81.07	53.56	74.57	81.25	65.79	79.11	79.85	65.79
	Output Torque, In-Lb	33806	35803	36358	41516	44634	44758	87725	94984	94672	44314	95199	116284	47014	93552	116288
	OHL Input Shaft OHL Output Shaft (B)	(A) 952 16566	988 19423	988 18949	(A) 1387 16566	1577 19423	(A) 860 18949	1876 19423	(A) 860 16566	1876 19423	(A) 1967 18949	2292 19423	(A) 1956 16566	(A) 1956 16566	2050 19423	2050
34.55	Output RPM	-	-	-	100	51	34	100	51	34	100	51	34	100	51	34
	Input HP (Max) (C)	-	-	-	89.63	45.49	30.14	165.01	92.65	61.38	92.70	96.07	63.65	95.95	96.07	63.65
	Output Torque, In-Lb	-	-	-	56580	56612	56578	104160	115300	115232	58516	119556	119489	60567	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 1523 16566	1575 19423	(A) 1745 18949	2154 19423	(A) 1745 16566	2154 18949	(A) 2194 19423	2286 18949	(A) 2446 16566	(A) 2446 16566	2785 19423	2785
45.15	Output RPM	-	-	-	76	39	26	76	39	26	76	39	26	76	39	26
	Input HP (Max) (C)	-	-	-	89.63	45.49	30.14	136.83	73.53	48.71	89.76	73.53	48.71	93.46	73.53	48.71
	Output Torque, In-Lb	-	-	-	73928	73970	73926	112855	119556	119489	74030	119556	119489	77086	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	- -	- -	- -	(A) 1488 17607	1574 18949	(A) 1801 18949	2158 17607	(A) 1801 18949	2158 17607	(A) 2192 17607	2287 18949	(A) 2520 17607	(A) 2520 17607	2784 18949	2784
53.18	Output RPM	65	33	22	65	33	22	65	33	22	65	33	22	65	33	22
	Input HP (Max) (C)	64.54	32.76	21.70	89.63	45.49	30.14	122.03	62.43	41.36	87.59	62.43	41.36	91.51	62.43	41.36
	Output Torque, In-Lb	62698	62733	62696	87071	87120	87069	118538	119556	119489	85081	119556	119489	88896	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	(A) 948 17607	990 18949	990 18949	(A) 1451 17607	1584 18949	(A) 1841 17607	2198 18949	(A) 1841 18949	2198 18949	(A) 2202 17607	2295 18949	(A) 2555 17607	(A) 2555 17607	2792 18949	2792
60.99	Output RPM	57	29	19	57	29	19	57	29	19	57	29	19	57	29	19
	Input HP (Max) (C)	64.38	32.76	21.70	84.99	45.49	30.14	107.24	54.43	36.06	84.19	54.43	36.06	88.33	54.43	36.06
	Output Torque, In-Lb	71728	71953	71911	94695	99924	99865	119489	119556	119489	93801	119556	119489	98420	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	(A) 942 19423	991 18949	991 18949	(A) 1415 19423	1582 18949	(A) 1869 19423	2227 18949	(A) 1869 18949	2227 18949	(A) 2206 19423	2299 18949	(A) 2580 19423	(A) 2580 19423	2796 18949	2796
67.22	Output RPM	51	26	17	51	26	17	51	26	17	51	26	17	51	26	17
	Input HP (Max) (C)	62.19	32.76	21.70	79.92	43.58	28.97	97.30	49.38	32.72	81.64	49.38	32.72	85.91	49.38	32.72
	Output Torque, In-Lb	76364	79304	79257	98144	105494	105792	119489	119556	119489	100250	119556	119489	105496	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	(A) 949 19423	991 18949	991 18949	(A) 1404 19423	1590 18949	(A) 1887 19423	2244 18949	(A) 1887 18949	2244 18949	(A) 2207 19423	2299 18949	(A) 2596 19423	(A) 2596 19423	2797 18949	2797
79.49	Output RPM	43	22	15	43	22	15	43	22	15	43	22	15	43	22	15
	Input HP (Max) (C)	59.33	31.87	21.45	74.14	40.43	26.87	82.29	41.76	27.67	77.92	41.76	27.67	82.29	41.76	27.67
	Output Torque, In-Lb	86155	91244	92640	107662	115740	116056	119489	119556	119489	113149	119556	119489	119489	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	(A) 947 19423	990 18949	990 18949	(A) 1385 19423	1590 18949	(A) 1914 19423	2271 18949	(A) 1914 18949	2271 18949	(A) 2208 19423	2300 18949	(A) 2623 19423	(A) 2623 19423	2798 18949	2798
90.60	Output RPM	38	19	13	38	19	13	38	19	13	38	19	13	38	19	13
	Input HP (Max) (C)	56.88	30.56	20.57	69.86	36.64	24.27	72.20	36.64	24.27	72.20	36.64	24.27	72.20	36.64	24.27
	Output Torque, In-Lb	94148	99711	101254	115619	119556	119485	119489	119556	119489	119489	119556	119489	119489	119556	119489
	OHL Input Shaft OHL Output Shaft (B)	(A) 952 18949	988 18949	988 18949	(A) 1387 18949	1590 18949	(A) 1931 18949	2288 18949	(A) 1931 18949	2288 18949	(A) 2209 18949	2301 18949	(A) 2638 18949	(A) 2638 18949	2774 18949	2774

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-314	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1683
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
104.18	Output RPM	33	17	11	33	17	11	33	17	11	33	17	11	33	17	11
	Input HP (Max) (C)	53.58	28.80	19.38	62.79	31.87	21.11	62.79	31.87	21.11	62.79	31.87	21.11	62.79	31.87	21.11
	Output Torque, In-Lb	101966	108058	109688	119489	119556	119485	119489	119556	119489	119489	119556	119489	119489	119556	119489
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 953 18949	987 18949	(A) 1403 18949	1590 18949	(A) 1948 18949	2304 18949	(A) 2191 18949	2284 18949	(A) 2652 18949	2772 18949					
119.09	Output RPM	29	15	10	29	15	10	29	15	10	29	15	10	29	15	10
	Input HP (Max) (C)	51.80	27.84	18.47	54.92	27.88	18.47	54.92	27.88	18.47	54.92	27.88	18.47	54.92	27.88	18.47
	Output Torque, In-Lb	112697	119422	119485	119489	119556	119489	119489	119556	119489	119489	119556	119489	119489	119556	119489
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 951 18949	991 18949	(A) 1417 18949	1588 18949	(A) 1961 18949	2318 18949	(A) 2190 18949	2283 18949	(A) 2665 18949	2781 18949					
138.01	Output RPM	25	13	8	25	13	8	25	13	8	25	13	8	-	-	-
	Input HP (Max) (C)	47.40	24.05	15.94	47.40	24.05	15.94	47.40	24.05	15.94	47.40	24.05	15.94	-	-	-
	Output Torque, In-Lb	119489	119556	119485	119489	119556	119489	119489	119556	119489	119489	119556	119489	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 954 18949	986 18949	(A) 1432 18949	1591 18949	(A) 1974 18949	2331 18949	(A) 2196 18949	2289 18949	-	-	-	-	-	-	-
150.36	Output RPM	23	12	8	23	12	8	23	12	8	23	12	8	-	-	-
	Input HP (Max) (C)	43.50	22.08	14.63	43.50	22.08	14.63	43.50	22.08	14.63	43.50	22.08	14.63	-	-	-
	Output Torque, In-Lb	119489	119556	119489	119489	119556	119489	119489	119556	119489	119489	119556	119489	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 955 18949	994 18949	(A) 1439 18949	1593 18949	(A) 1980 18949	2337 18949	(A) 2200 18949	2293 18949	-	-	-	-	-	-	-
167.50	Output RPM	21	10	7	21	10	7	21	10	7	-	-	-	-	-	-
	Input HP (Max) (C)	39.05	19.82	13.13	39.05	19.82	13.13	39.05	19.82	13.13	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119489	119489	119556	119489	119489	119556	119489	-	-	-	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 956 18949	987 18949	(A) 1446 18949	1594 18949	(A) 1988 18949	2345 18949	-	-	-	-	-	-	-	-	-
177.43	Output RPM	19	10	7	19	10	7	19	10	7	-	-	-	-	-	-
	Input HP (Max) (C)	36.86	18.71	12.40	36.86	18.71	12.40	36.86	18.71	12.40	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119489	119489	119556	119489	119489	119556	119489	-	-	-	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 948 18949	988 18949	(A) 1450 18949	1595 18949	(A) 1992 18949	2349 18949	-	-	-	-	-	-	-	-	-
199.54	Output RPM	17	9	6	17	9	6	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	32.78	16.64	11.02	32.78	16.64	11.02	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119489	119489	119556	119489	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 951 18949	991 18949	(A) 1444 18949	1595 18949	-	-	-	-	-	-	-	-	-	-	-
213.33	Output RPM	16	8	5	16	8	5	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	30.66	15.56	10.31	30.66	15.56	10.31	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119489	119489	119556	119489	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 952 18949	988 18949	(A) 1448 18949	1596 18949	-	-	-	-	-	-	-	-	-	-	-
226.15	Output RPM	15	8	5	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	28.92	14.68	9.72	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119489	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A) OHL Output Shaft (B)	(A) 949 18949	989 18949	-	-	-	-	-	-	-	-	-	-	-	-	-

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

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-314	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------

SELECTION



RIGHT ANGLE HELICAL BEVEL REDUCER (RHB)

SIZE: B_1683
60 HZ

Service Factor 1.0 / Clamp Collar / 3 Pc Coupled / Separate Triple Reduction

NEMA MOTOR FRAME IEC MOTOR FRAME SEPARATE GROUP		210TC 132D 132			250TC 160D 160			280TC 180D/200D 180			320TC 225D 225			360TC 250D 250		
RATIO	OUTPUT RATING DATA	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160	3450	1750	1160
243.80	Output RPM	14	7	5	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	26.83	13.62	9.02	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119489	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	951	991	-	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	18949	18949	18949	-	-	-	-	-	-	-	-	-	-	-	-
264.18	Output RPM	13	7	4	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	24.76	12.57	8.32	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	119489	119556	119485	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	952	995	-	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	18949	18949	18949	-	-	-	-	-	-	-	-	-	-	-	-
287.95	Output RPM	12	6	4	-	-	-	-	-	-	-	-	-	-	-	-
	Input HP (Max) (C)	18.82	10.11	6.81	-	-	-	-	-	-	-	-	-	-	-	-
	Output Torque, In-Lb	98985	104886	106497	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Input Shaft (A)	957	989	-	-	-	-	-	-	-	-	-	-	-	-	-
	OHL Output Shaft (B)	18949	18949	18949	-	-	-	-	-	-	-	-	-	-	-	-

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

Blank areas (-) indicate configuration not available

NOMENCLATURE PAGE RHB-5	STOCK/NON-STOCK PART NUMBERS PAGE RHB-50	DIMENSIONS PAGE RHB-314	THERMAL RATINGS PAGE RHB-364
----------------------------	---------------------------------------------	----------------------------	---------------------------------