

RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.25	65	26.90	726	242	3	7.03	B_383GH71C4
	55	31.59	926	284	3	7.79	
	48	36.69	926	330	3	6.71	
	44	39.73	926	358	3	6.18	
	39	44.94	1150	405	3	5.46	
	35	49.38	1150	445	3	4.97	
	32	54.47	1150	490	3	4.52	
	29	60.33	1150	543	3	4.08	
	26	67.18	1150	605	3	3.66	
	23	77.09	1411	694	3	3.19	
	21	85.33	1411	768	3	2.88	
	18	97.05	1411	874	3	2.53	
	16	110.75	1411	997	3	2.22	
	14	124.78	1411	1123	3	1.97	
	13	139.43	1411	1255	3	1.76	
	11	159.04	1411	1432	3	1.55	
	10	179.13	1411	1613	3	1.37	
	64	27.55	1149	248	3	7.35	B_483GH71C4
	29	60.08	1591	541	3	7.36	
	26	66.60	1591	600	3	6.64	
	23	75.45	1878	679	3	5.87	
	21	83.25	1878	750	3	5.31	
	19	94.12	1878	847	3	4.70	
	16	107.47	1878	968	3	4.11	
	14	122.19	1878	1100	3	3.62	
	13	130.78	1878	1177	3	3.38	
	12	150.76	1878	1357	3	2.94	
	10	169.53	1878	1526	3	2.61	
	16	109.64	2503	987	3	7.29	B_683GH71C4
	14	126.09	2503	1135	3	6.39	
	13	136.60	2503	1230	3	5.90	
	12	150.98	2503	1359	3	5.34	
	10	176.14	2503	1586	3	4.58	
	9	196.07	2503	1765	3	4.11	
	8	215.68	2503	1942	3	3.74	
	7	243.72	2503	2194	3	3.31	
10	176.50	4512	1589	3	6.81	B_883GH71C4	
9	193.24	4512	1740	3	6.31		
8	215.25	4512	1938	3	5.76		
7	246.13	4512	2216	3	5.13		
6	272.95	4512	2458	3	4.68		
6	302.68	4512	2725	3	4.27		
0.33	310	5.65	589	67	3	6.13	B_383GH71D4
	281	6.22	589	74	3	6.11	

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
0.33 (CONT.)	242	7.22	620	86	3	6.11	B_383GH71D4	
	224	7.82	620	93	3	6.11		
	198	8.85	620	105	3	6.12		
	180	9.72	620	116	3	6.09		
	163	10.72	620	127	3	6.14		
	152	11.50	617	137	3	6.10		
	138	12.65	617	150	3	6.13		
	119	14.69	617	175	3	6.10		
	110	15.91	617	189	3	6.12		
	97	17.99	726	214	3	6.11		
	88	19.78	726	235	3	6.12		
	80	21.81	726	259	3	6.12		
	72	24.16	726	287	3	5.74		
	65	26.90	726	320	3	5.32		
	61	28.72	926	341	3	6.12		
	55	31.59	926	375	3	5.90		
	48	36.69	926	436	3	5.08		
	44	39.73	926	472	3	4.69		
	39	44.94	1150	534	3	4.14		
	35	49.38	1150	587	3	3.77		
	32	54.47	1150	647	3	3.42		
	29	60.33	1150	717	3	3.09		
	26	67.18	1150	798	3	2.77		
	23	77.09	1141	916	3	2.42		
	21	85.33	1141	1014	3	2.18		
	18	97.05	1141	1153	3	1.92		
	16	110.75	1141	1316	3	1.68		
	14	124.78	1141	1483	3	1.49		
	13	139.43	1141	1657	3	1.34		
	11	159.04	1141	1890	3	1.17		
	10	179.13	1141	2129	3	1.04		
	188	9.32	1032	111	3	6.10		B_483GH71D4
	172	10.15	1032	121	3	6.10		
	113	15.42	1110	183	3	6.13		
	104	16.79	1110	200	3	6.10		
	93	18.78	1149	223	3	6.12		
85	20.54	1149	244	3	6.12			
78	22.54	1149	268	3	6.11			
70	24.85	1149	295	3	6.01			
64	27.55	1149	327	3	5.57			
61	28.90	1266	343	3	6.13			
52	33.60	1266	399	3	6.12			
47	37.28	1266	443	3	6.12			
43	40.60	1266	483	3	6.11			

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
0.33 (CONT.)	39	45.41	1591	540	3	6.11	B_483GH71D4	
	35	49.65	1591	590	3	6.12		
	32	54.49	1591	648	3	6.11		
	29	60.08	1591	714	3	5.58		
	26	66.60	1591	792	3	5.03		
	23	75.45	1878	897	3	4.44		
	21	83.25	1878	989	3	4.03		
	19	94.12	1878	1119	3	3.56		
	16	107.47	1878	1277	3	3.12		
	14	122.19	1878	1452	3	2.74		
	13	130.78	1878	1554	3	2.56		
	12	150.76	1878	1792	3	2.22		
	10	169.53	1878	2015	3	1.98		
	206	8.50	2503	101	3	6.12		B_683GH71D4
	184	9.52	2503	113	3	6.13		
	168	10.40	2503	124	3	6.10		
	92	18.93	2503	225	3	6.12		
	82	21.22	2503	252	3	6.12		
	76	23.16	2503	275	3	6.12		
	69	25.42	2503	302	3	6.12		
	63	27.99	2503	333	3	6.11		
	58	30.38	2503	361	3	6.12		
	34	51.96	2503	618	3	6.11		
	30	58.23	2503	692	3	6.12		
	28	63.57	2503	756	3	6.11		
	25	69.78	2503	829	3	6.12		
	23	76.84	2503	913	3	6.12		
	21	83.40	2503	991	3	6.12		
	19	90.89	2503	1080	3	6.12		
	18	99.55	2503	1183	3	5.95		
	16	109.64	2503	1303	3	5.52		
	14	126.09	2503	1499	3	4.84		
	13	136.60	2503	1623	3	4.47		
	12	150.98	2503	1794	3	4.05		
	10	176.14	2503	2093	3	3.47		
	9	196.07	2503	2330	3	3.11		
	8	215.68	2503	2563	3	2.83		
	7	243.72	2503	2897	3	2.51		
	69	25.53	4512	303	3	6.13	B_883GH71D4	
61	28.50	4512	339	3	6.11			
57	30.87	4512	367	3	6.12			
23	75.45	4512	897	3	6.12			
21	84.21	4512	1001	3	6.12			
19	91.22	4512	1084	3	6.12			

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-128	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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SELECTION



RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.33 CONT')	17	103.38	4512	1229	3	6.12	B_883GH71D4
	16	111.37	4512	1324	3	6.12	
	15	120.42	4512	1431	3	6.12	
	13	130.77	4512	1554	3	6.12	
	12	144.58	4512	1718	3	6.08	
	11	156.63	4512	1862	3	5.69	
	10	176.50	4512	2098	3	5.16	
	9	193.24	4512	2297	3	4.78	
	8	215.25	4512	2558	3	4.36	
	7	246.13	4512	2925	3	3.88	
	6	272.95	4512	3244	3	3.55	
6	302.68	4512	3597	3	3.23		
0.5	310	5.65	589	102	3	4.03	B_383GH71E4
	281	6.22	589	112	3	4.04	
	242	7.22	620	130	3	4.04	
	224	7.82	620	141	3	4.03	
	198	8.85	620	159	3	4.04	
	180	9.72	620	175	3	4.04	
	163	10.72	620	193	3	4.04	
	152	11.50	617	207	3	4.04	
	138	12.65	617	228	3	4.03	
	119	14.69	617	265	3	4.03	
	110	15.91	617	286	3	4.04	
	97	17.99	726	324	3	4.04	
	88	19.78	726	356	3	4.04	
	80	21.81	726	393	3	4.04	
	72	24.16	726	435	3	3.79	
	65	26.90	726	484	3	3.52	
	61	28.72	926	517	3	4.04	
	55	31.59	926	569	3	3.89	
	48	36.69	926	661	3	3.35	
	44	39.73	926	715	3	3.09	
	39	44.94	1150	809	3	2.74	
	35	49.38	1150	889	3	2.49	
	32	54.47	1150	981	3	2.26	
	29	60.33	1150	1086	3	2.04	
	26	67.18	1150	1210	3	1.83	
	23	77.09	1411	1388	3	1.59	
	21	85.33	1411	1537	3	1.44	
18	97.05	1411	1748	3	1.27		
16	110.75	1411	1994	3	1.11		
242	7.22	1032	130	3	4.04	B_483GH71E4	
208	8.40	1032	151	3	4.04		
188	9.32	1032	168	3	4.03		

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.5 CONT')	172	10.15	1032	183	3	4.03	B_483GH71E4
	146	11.95	1110	215	3	4.04	
	126	13.90	1110	250	3	4.04	
	113	15.42	1110	278	3	4.03	
	104	16.79	1110	302	3	4.04	
	93	18.78	1149	338	3	4.04	
	85	20.54	1149	370	3	4.04	
	78	22.54	1149	406	3	4.04	
	70	24.85	1149	447	3	3.97	
	64	27.55	1149	496	3	3.68	
	61	28.90	1266	520	3	4.04	
	52	33.60	1266	605	3	4.04	
	47	37.28	1266	671	3	4.04	
	43	40.60	1266	731	3	4.04	
	39	45.41	1591	818	3	4.04	
	35	49.65	1591	894	3	4.04	
	32	54.49	1591	981	3	4.04	
	29	60.08	1591	1082	3	3.68	
	26	66.60	1591	1199	3	3.32	
	23	75.45	1878	1359	3	2.93	
21	83.25	1878	1499	3	2.66		
19	94.12	1878	1695	3	2.35		
16	107.47	1878	1935	3	2.06		
14	122.19	1878	2200	3	1.81		
13	130.78	1878	2355	3	1.69		
12	150.76	1878	2715	3	1.47		
10	169.53	1878	3053	3	1.30		
	206	8.50	2503	153	3	4.04	B_683GH71E4
	184	9.52	2503	171	3	4.05	
	168	10.40	2503	187	3	4.04	
	92	18.93	2503	341	3	4.04	
	82	21.22	2503	382	3	4.04	
	76	23.16	2503	417	3	4.04	
	69	25.42	2503	458	3	4.04	
	63	27.99	2503	504	3	4.04	
	58	30.38	2503	547	3	4.04	
	34	51.96	2503	936	3	4.04	
	30	58.23	2503	1049	3	4.04	
	28	63.57	2503	1145	3	4.04	
	25	69.78	2503	1257	3	4.04	
	23	76.84	2503	1384	3	4.04	
	21	83.40	2503	1502	3	4.04	
19	90.89	2503	1637	3	4.04		
18	99.55	2503	1793	3	3.93		

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
0.5 (CONT.)	16	109.64	2503	1974	3	3.64	B_683GH71E4	
	14	126.09	2503	2271	3	3.20		
	13	136.60	2503	2460	3	2.95		
	12	150.98	2503	2719	3	2.67		
	10	176.14	2503	3172	3	2.29		
	9	196.07	2503	3531	3	2.06		
	8	215.68	2503	3884	3	1.87		
	7	243.72	2503	4389	3	1.65		
	69	25.53	4512	460	3	4.04	B_883GH71E4	
	61	28.50	4512	513	3	4.04		
	57	30.87	4512	556	3	4.04		
	23	75.45	4512	1359	3	4.04		
	21	84.21	4512	1516	3	4.04		
	19	91.22	4512	1643	3	4.04		
	17	103.38	4512	1862	3	4.04		
	16	111.37	4512	2005	3	4.04		
	15	120.42	4512	2168	3	4.04		
	13	130.77	4512	2355	3	4.04		
	12	144.58	4512	2603	3	4.01		
	11	156.63	4512	2820	3	3.76		
	10	176.50	4512	3178	3	3.41		
	9	193.24	4512	3480	3	3.16		
	8	215.25	4512	3876	3	2.88		
	7	246.13	4512	4432	3	2.56		
	6	272.95	4512	4915	3	2.34		
	6	302.68	4512	5450	3	2.13		
	0.75	310	5.65	589	153	3	2.69	B_383GH80F4
		281	6.22	589	168	3	2.69	
242		7.22	620	195	3	2.69		
224		7.82	620	211	3	2.69		
198		8.85	620	239	3	2.69		
180		9.72	620	263	3	2.69		
163		10.72	620	290	3	2.69		
152		11.50	617	311	3	2.69		
138		12.65	617	342	3	2.69		
119		14.69	617	397	3	2.69		
110		15.91	617	430	3	2.69		
97		17.99	726	486	3	2.69		
88		19.78	726	534	3	2.69		
80		21.81	726	589	3	2.69		
72		24.16	726	653	3	2.52		
65		26.90	726	727	3	2.34		
61		28.72	926	776	3	2.69		
55		31.59	926	853	3	2.59		

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.75 (CONT.)	48	36.69	926	991	3	2.23	B_383GH80F4
	44	39.73	926	1073	3	2.06	
	39	44.94	1150	1214	3	1.82	
	35	49.38	1150	1334	3	1.66	
	32	54.47	1150	1471	3	1.50	
	29	60.33	1150	1630	3	1.36	
	26	67.18	1150	1815	3	1.22	
	23	77.09	1411	2082	3	1.06	
	242	7.22	1032	195	3	2.69	
	208	8.40	1032	227	3	2.69	
	188	9.32	1032	252	3	2.69	
	172	10.15	1032	274	3	2.69	
	146	11.95	1110	323	3	2.69	
	126	13.90	1110	375	3	2.69	
	113	15.42	1110	417	3	2.69	
	104	16.79	1110	454	3	2.69	
	93	18.78	1149	507	3	2.69	
	85	20.54	1149	555	3	2.69	
	78	22.54	1149	609	3	2.69	
	70	24.85	1149	671	3	2.64	
	64	27.55	1149	744	3	2.45	
	61	28.90	1266	781	3	2.69	
	52	33.60	1266	908	3	2.69	
	47	37.28	1266	1007	3	2.69	
	43	40.60	1266	1097	3	2.69	
	39	45.41	1591	1227	3	2.69	
	35	49.65	1591	1341	3	2.69	
	32	54.49	1591	1472	3	2.69	
	29	60.08	1591	1623	3	2.45	
	26	66.60	1591	1799	3	2.21	
	23	75.45	1878	2038	3	1.95	
	21	83.25	1878	2249	3	1.77	
	19	94.12	1878	2542	3	1.57	
	16	107.47	1878	2903	3	1.37	
	14	122.19	1878	3300	3	1.21	
	13	130.78	1878	3532	3	1.13	
206	8.50	2503	230	3	2.69	B_683GH80F4	
184	9.52	2503	257	3	2.69		
168	10.40	2503	281	3	2.69		
92	18.93	2503	511	3	2.69		
82	21.22	2503	573	3	2.69		
76	23.16	2503	626	3	2.69		
69	25.42	2503	687	3	2.69		
63	27.99	2503	756	3	2.69		

(B) See Footnote page on inside back cover

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SELECTION



RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
0.75 (CONT.)	58	30.38	2503	821	3	2.69	B_683GH80F4
	34	51.96	2503	1403	3	2.69	
	30	58.23	2503	1573	3	2.69	
	28	63.57	2503	1717	3	2.69	
	25	69.78	2503	1885	3	2.69	
	23	76.84	2503	2076	3	2.69	
	21	83.40	2503	2253	3	2.69	
	19	90.89	2503	2455	3	2.69	
	18	99.55	2503	2689	3	2.62	
	16	109.64	2503	2961	3	2.43	
	14	126.09	2503	3406	3	2.13	
	13	136.60	2503	3690	3	1.97	
	12	150.98	2503	4078	3	1.78	
	10	176.14	2503	4758	3	1.53	
	9	196.07	2503	5296	3	1.37	
	8	215.68	2503	5826	3	1.25	
	7	243.72	2503	6583	3	1.10	
	69	25.53	4512	690	3	2.69	B_883GH80F4
	61	28.50	4512	770	3	2.69	
	57	30.87	4512	834	3	2.69	
23	75.45	4512	2038	3	2.69		
21	84.21	4512	2275	3	2.69		
19	91.22	4512	2464	3	2.69		
17	103.38	4512	2792	3	2.69		
16	111.37	4512	3008	3	2.69		
15	120.42	4512	3253	3	2.69		
13	130.77	4512	3532	3	2.69		
12	144.58	4512	3905	3	2.67		
11	156.63	4512	4231	3	2.51		
10	176.50	4512	4767	3	2.27		
9	193.24	4512	5220	3	2.10		
8	215.25	4512	5814	3	1.92		
7	246.13	4512	6648	3	1.71		
6	272.95	4512	7373	3	1.56		
6	302.68	4512	8176	3	1.42		
1	310	5.65	589	203	3	2.46	B_383GH80G4
	281	6.22	589	224	3	2.46	
	242	7.22	620	260	3	2.46	
	224	7.82	620	282	3	2.45	
	198	8.85	620	319	3	2.45	
	180	9.72	620	350	3	2.46	
	163	10.72	620	386	3	2.46	
	152	11.50	617	414	3	2.46	
	138	12.65	617	456	3	2.46	

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-160	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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QUANTIS

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
1 (CONT.)	119	14.69	617	529	3	2.46	B_383GH80G4	
	110	15.91	617	573	3	2.46		
	97	17.99	726	648	3	2.46		
	88	19.78	726	712	3	2.46		
	80	21.81	726	785	3	2.46		
	72	24.16	726	870	3	2.46		
	65	26.90	726	969	3	2.28		
	61	28.72	926	1034	3	2.14		
	55	31.59	926	1138	3	1.94		
	48	36.69	926	1321	3	1.68		
	44	39.73	926	1431	3	1.55		
	39	44.94	1150	1618	3	1.37		
	35	49.38	1150	1778	3	1.24		
	32	54.47	1150	1962	3	1.13		
	29	60.33	1150	2173	3	1.02		
	242	7.22	1032	260	3	2.46		B_483GH80G4
	208	8.40	1032	303	3	2.45		
	188	9.32	1032	336	3	2.45		
	172	10.15	1032	366	3	2.45		
	146	11.95	1110	430	3	2.46		
	126	13.90	1110	501	3	2.46		
	113	15.42	1110	555	3	2.46		
	104	16.79	1110	605	3	2.46		
	93	18.78	1149	676	3	2.40		
	85	20.54	1149	740	3	2.26		
	78	22.54	1149	812	3	2.12		
	70	24.85	1149	895	3	1.98		
	64	27.55	1149	992	3	1.84		
	61	28.90	1266	1041	3	2.46		
	52	33.60	1266	1210	3	2.46		
	47	37.28	1266	1343	3	2.46		
	43	40.60	1266	1462	3	2.46		
	39	45.41	1591	1635	3	2.44		
	35	49.65	1591	1788	3	2.23		
	32	54.49	1591	1962	3	2.03		
	29	60.08	1591	2164	3	1.84		
26	66.60	1591	2399	3	1.66			
23	75.45	1878	2717	3	1.47			
21	83.25	1878	2998	3	1.33			
19	94.12	1878	3390	3	1.17			
16	107.47	1878	3870	3	1.03			
326	5.36	2503	193	3	2.46	B_683GH80G4		
272	6.44	2503	232	3	2.46			
231	7.58	2503	273	3	2.46			

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-96	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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SELECTION



RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1 (CONT.)	206	8.50	2503	306	3	2.46	B_683GH80G4
	184	9.52	2503	343	3	2.46	
	168	10.40	2503	375	3	2.45	
	147	11.94	2503	430	3	2.46	
	122	14.35	2503	517	3	2.46	
	104	16.89	2503	608	3	2.46	
	92	18.93	2503	682	3	2.46	
	82	21.22	2503	764	3	2.46	
	76	23.16	2503	834	3	2.46	
	69	25.42	2503	915	3	2.46	
	63	27.99	2503	1008	3	2.46	
	58	30.38	2503	1094	3	2.46	
	53	32.78	2503	1181	3	2.46	
	44	39.39	2503	1419	3	2.46	
	38	46.37	2503	1670	3	2.46	
	34	51.96	2503	1871	3	2.46	
	30	58.23	2503	2097	3	2.46	
	28	63.57	2503	2289	3	2.46	
	25	69.78	2503	2513	3	2.46	
	23	76.84	2503	2767	3	2.46	
	21	83.40	2503	3004	3	2.42	
	19	90.89	2503	3273	3	2.22	
	18	99.55	2503	3585	3	2.02	
	16	109.64	2503	3949	3	1.84	
	14	126.09	2503	4541	3	1.60	
	13	136.60	2503	4920	3	1.48	
	12	150.98	2503	5437	3	1.33	
	10	176.14	2503	6344	3	1.14	
	9	196.07	2503	7061	3	1.03	
	RHB	218	8.03	4512	289	3	
186		9.41	4512	339	3	2.46	
104		16.85	4512	607	3	2.46	
89		19.75	4512	711	3	2.46	
74		23.54	4512	848	3	2.46	
69		25.53	4512	919	3	2.46	
61		28.50	4512	1026	3	2.46	
57		30.87	4512	1112	3	2.46	
35		49.80	4512	1794	3	2.46	
30		58.37	4512	2102	3	2.46	
25		69.57	4512	2506	3	2.46	
23		75.45	4512	2717	3	2.46	
21		84.21	4512	3033	3	2.46	
19		91.22	4512	3285	3	2.46	
17		103.38	4512	3723	3	2.46	

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-160	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1 (CONT.)	16	111.37	4512	4011	3	2.46	B_883GH80G4
	15	120.42	4512	4337	3	2.46	
	13	130.77	4512	4710	3	2.46	
	12	144.58	4512	5207	3	2.46	
	11	156.63	4512	5641	3	2.46	
	10	176.50	4512	6357	3	2.30	
	9	193.24	4512	6959	3	2.10	
	8	215.25	4512	7752	3	1.88	
	7	246.13	4512	8864	3	1.65	
	6	272.95	4512	9830	3	1.49	
	6	302.68	4512	10901	3	1.34	
	136	12.90	5586	465	3	2.45	B_1083GH80G4
	76	23.08	5586	831	3	2.46	
	66	26.48	5586	954	3	2.46	
	56	31.25	5586	1125	3	2.46	
	52	33.87	5586	1220	3	2.46	
	29	61.22	5586	2205	3	2.46	
	25	70.24	5586	2530	3	2.46	
	21	82.90	5586	2986	3	2.46	
	19	89.85	5586	3236	3	2.46	
18	99.90	5586	3598	3	2.46		
16	108.52	5586	3908	3	2.46		
15	120.03	5586	4323	3	2.46		
14	128.86	5586	4641	3	2.46		
13	138.87	5586	5001	3	2.46		
12	150.31	5586	5413	3	2.46		
11	163.51	5586	5889	3	2.46		
10	178.90	5586	6443	3	2.46		
9	201.11	5586	7243	3	2.46		
8	219.64	5586	7910	3	2.46		
7	243.47	5586	8768	3	2.37		
6	278.10	5586	10016	3	2.17		
6	307.24	5586	11065	3	2.03		
1.5	310	5.65	589	305	3	3.34	B_383GH90H4
	281	6.22	589	336	3	3.33	
	242	7.22	620	390	3	3.34	
	224	7.82	620	422	3	3.33	
	198	8.85	620	478	3	2.94	
	180	9.72	620	525	3	2.68	
	163	10.72	620	579	3	2.43	
	152	11.50	617	621	3	3.34	
	138	12.65	617	683	3	3.24	
	119	14.69	617	794	3	2.79	
	110	15.91	617	859	3	2.58	

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-192	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
1.5 (CONT.)	97	17.99	726	972	3	2.28	B_383GH90H4
	88	19.78	726	1069	3	2.07	
	80	21.81	726	1178	3	1.88	
	72	24.16	726	1305	3	1.70	
	65	26.90	726	1453	3	1.52	
	61	28.72	926	1551	3	1.43	
	55	31.59	926	1707	3	1.30	
	48	36.69	926	1982	3	1.12	
	44	39.73	926	2146	3	1.03	
	242	7.22	1032	390	3	3.34	B_483GH90H4
	208	8.40	1032	454	3	3.33	
	188	9.32	1032	503	3	3.34	
	172	10.15	1032	548	3	3.33	
	146	11.95	1110	646	3	3.33	
	126	13.90	1110	751	3	3.33	
	113	15.42	1110	833	3	3.34	
	104	16.79	1110	907	3	3.33	
	93	18.78	1149	1015	3	3.17	
	85	20.54	1149	1110	3	3.04	
	78	22.54	1149	1218	3	2.90	
	70	24.85	1149	1342	3	2.77	
	64	27.55	1149	1488	3	2.63	
	61	28.90	1266	1561	3	2.55	
	52	33.60	1266	1815	3	2.19	
	47	37.28	1266	2014	3	1.98	
	43	40.60	1266	2193	3	1.82	
	39	45.41	1591	2453	3	1.62	
	35	49.65	1591	2682	3	1.49	
	32	54.49	1591	2944	3	1.35	
	29	60.08	1591	3246	3	1.23	
	26	66.60	1591	3598	3	1.11	
	326	5.36	2503	290	3	3.33	B_683GH90H4
	272	6.44	2503	348	3	3.33	
	231	7.58	2503	409	3	3.34	
	206	8.50	2503	459	3	3.34	
	184	9.52	2503	514	3	3.34	
168	10.40	2503	562	3	3.33		
147	11.94	2503	645	3	3.34		
122	14.35	2503	775	3	3.34		
104	16.89	2503	912	3	3.34		
92	18.93	2503	1023	3	3.33		
82	21.22	2503	1146	3	3.34		
76	23.16	2503	1251	3	3.34		
69	25.42	2503	1373	3	3.34		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-96	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER		
1.5 (CONT.)	63	27.99	2503	1512	3	3.34	B_683GH90H4		
	58	30.38	2503	1641	3	3.34			
	53	32.78	2503	1771	3	3.34			
	44	39.39	2503	2128	3	3.33			
	38	46.37	2503	2505	3	2.90			
	34	51.96	2503	2807	3	2.59			
	30	58.23	2503	3146	3	2.31			
	28	63.57	2503	3434	3	2.11			
	25	69.78	2503	3770	3	1.93			
	23	76.84	2503	4151	3	1.75			
	21	83.40	2503	4505	3	1.61			
	19	90.89	2503	4910	3	1.48			
	18	99.55	2503	5378	3	1.35			
	16	109.64	2503	5923	3	1.23			
	14	126.09	2503	6812	3	1.07			
	218	8.03	4512	4512	434	3		3.33	B_883GH90H4
	186	9.41	4512	4512	508	3		3.34	
	104	16.85	4512	4512	910	3		3.34	
	89	19.75	4512	4512	1067	3	3.34		
	74	23.54	4512	4512	1272	3	3.33		
	69	25.53	4512	4512	1379	3	3.34		
	61	28.50	4512	4512	1540	3	3.33		
	57	30.87	4512	4512	1668	3	3.33		
	35	49.80	4512	4512	2690	3	3.34		
	30	58.37	4512	4512	3153	3	3.34		
	25	69.57	4512	4512	3758	3	3.34		
	23	75.45	4512	4512	4076	3	3.34		
	21	84.21	4512	4512	4549	3	3.21		
	19	91.22	4512	4512	4928	3	2.96		
	17	103.38	4512	4512	5585	3	2.61		
	16	111.37	4512	4512	6016	3	2.43		
	15	120.42	4512	4512	6505	3	2.25		
	13	130.77	4512	4512	7064	3	2.07		
	12	144.58	4512	4512	7810	3	1.87		
	11	156.63	4512	4512	8461	3	1.73		
	10	176.50	4512	4512	9535	3	1.53		
	9	193.24	4512	4512	10439	3	1.40		
	8	215.25	4512	4512	11628	3	1.26		
	7	246.13	4512	4512	13296	3	1.10		
	136	12.90	5586	5586	697	3	3.33	B_1083GH90H4	
	76	23.08	5586	5586	1247	3	3.33		
	66	26.48	5586	5586	1430	3	3.34		
56	31.25	5586	5586	1688	3	3.34			
52	33.87	5586	5586	1830	3	3.34			

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-160	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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SELECTION



RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
1.5 (CONT.)	29	61.22	5586	3307	3	3.34	B_1083GH90H4	
	25	70.24	5586	3794	3	3.34		
	21	82.90	5586	4478	3	3.34		
	19	89.85	5586	4854	3	3.34		
	18	99.90	5586	5397	3	3.34		
	16	108.52	5586	5862	3	3.34		
	15	120.03	5586	6484	3	3.34		
	14	128.86	5586	6961	3	3.34		
	13	138.87	5586	7502	3	3.22		
	12	150.31	5586	8120	3	3.09		
	11	163.51	5586	8833	3	2.95		
	10	178.90	5586	9664	3	2.75		
	9	201.11	5586	10864	3	2.44		
	8	219.64	5586	11865	3	2.24		
	7	243.47	5586	13153	3	2.02		
	6	278.10	5586	15023	3	1.77		
	6	307.24	5586	16598	3	1.60		
	1.5 (CONT.)	65	27.02	6907	1460	3	3.33	B_1283GH90H4
		57	30.61	6907	1654	3	3.33	
		49	35.92	6907	1940	3	3.34	
45		39.19	6907	2117	3	3.34		
20		85.98	6907	4645	3	3.34		
18		97.44	6907	5264	3	3.34		
15		114.34	6907	6177	3	3.34		
14		124.73	6907	6738	3	3.34		
13		136.06	6907	7350	3	3.34		
12		146.84	6907	7933	3	3.34		
11		164.11	6907	8865	3	3.34		
10		175.8	6907	9497	3	3.34		
9		189.04	6907	10212	3	3.21		
9		204.18	6907	11030	3	3.07		
8		221.64	6907	11973	3	2.93		
7	242.02	6907	13074	3	2.79			
6	270.90	6907	14634	3	2.62			
6	295.38	6907	15957	3	2.49			
2	310	5.65	589	407	3	2.50	B_383GH90I4	
	281	6.22	589	448	3	2.50		
	242	7.22	620	520	3	2.50		
	224	7.82	620	563	3	2.49		
	198	8.85	620	637	3	2.20		
	180	9.72	620	700	3	2.01		
	163	10.72	620	772	3	1.82		
	152	11.50	617	828	3	2.50		
	138	12.65	617	911	3	2.43		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-224	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
2 (CONT.)	119	14.69	617	1058	3	2.09	B_383GH90I4
	110	15.91	617	1146	3	1.93	
	97	17.99	726	1296	3	1.71	
	88	19.78	726	1425	3	1.55	
	80	21.81	726	1571	3	1.41	
	72	24.16	726	1740	3	1.27	
	65	26.90	726	1938	3	1.14	
	61	28.72	926	2069	3	1.07	
	242	7.22	1032	520	3	2.50	
	208	8.40	1032	605	3	2.50	
	188	9.32	1032	671	3	2.50	
	172	10.15	1032	731	3	2.49	
	146	11.95	1110	861	3	2.50	
	126	13.90	1110	1001	3	2.50	
	113	15.42	1110	1111	3	2.50	
	104	16.79	1110	1209	3	2.50	
	93	18.78	1149	1353	3	2.38	
	85	20.54	1149	1479	3	2.28	
	78	22.54	1149	1624	3	2.18	
	70	24.85	1149	1790	3	2.08	
	64	27.55	1149	1984	3	1.97	
	61	28.90	1266	2082	3	1.91	
	52	33.60	1266	2420	3	1.65	
	47	37.28	1266	2685	3	1.48	
	43	40.60	1266	2924	3	1.36	
	39	45.41	1591	3271	3	1.22	
	35	49.65	1591	3576	3	1.11	
	32	54.49	1591	3925	3	1.01	
	326	5.36	2503	386	3	2.50	B_683GH90I4
	272	6.44	2503	464	3	2.50	
	231	7.58	2503	546	3	2.50	
	206	8.50	2503	612	3	2.50	
	184	9.52	2503	686	3	2.50	
	168	10.40	2503	749	3	2.50	
	147	11.94	2503	860	3	2.50	
	122	14.35	2503	1034	3	2.50	
104	16.89	2503	1217	3	2.50		
92	18.93	2503	1364	3	2.50		
82	21.22	2503	1528	3	2.50		
76	23.16	2503	1668	3	2.50		
69	25.42	2503	1831	3	2.50		
63	27.99	2503	2016	3	2.50		
58	30.38	2503	2188	3	2.50		
53	32.78	2503	2361	3	2.50		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-96	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
2 (CONT.)	44	39.39	2503	2837	3	2.50	B_683GH90I4	
	38	46.37	2503	3340	3	2.17		
	34	51.96	2503	3743	3	1.94		
	30	58.23	2503	4194	3	1.73		
	28	63.57	2503	4579	3	1.59		
	25	69.78	2503	5026	3	1.44		
	23	76.84	2503	5535	3	1.31		
	21	83.40	2503	6007	3	1.21		
	19	90.89	2503	6547	3	1.11		
	18	99.55	2503	7170	3	1.01		
	218	8.03	4512	4512	578	3	2.50	B_883GH90I4
	186	9.41	4512	4512	678	3	2.50	
	104	16.85	4512	4512	1214	3	2.50	
	89	19.75	4512	4512	1423	3	2.50	
	74	23.54	4512	4512	1696	3	2.50	
	69	25.53	4512	4512	1839	3	2.50	
	61	28.50	4512	4512	2053	3	2.50	
	57	30.87	4512	4512	2224	3	2.50	
	35	49.80	4512	4512	3587	3	2.50	
	30	58.37	4512	4512	4204	3	2.50	
	25	69.57	4512	4512	5011	3	2.50	
	23	75.45	4512	4512	5435	3	2.50	
	21	84.21	4512	4512	6066	3	2.41	
	19	91.22	4512	4512	6570	3	2.22	
	17	103.38	4512	4512	7446	3	1.96	
	16	111.37	4512	4512	8022	3	1.82	
	15	120.42	4512	4512	8674	3	1.68	
	13	130.77	4512	4512	9419	3	1.55	
	12	144.58	4512	4512	10414	3	1.40	
	11	156.63	4512	4512	11282	3	1.29	
	10	176.50	4512	4512	12713	3	1.15	
	9	193.24	4512	4512	13919	3	1.05	
	136	12.90	5586	5586	929	3	2.50	B_1083GH90I4
76	23.08	5586	5586	1662	3	2.50		
66	26.48	5586	5586	1907	3	2.50		
56	31.25	5586	5586	2251	3	2.50		
52	33.87	5586	5586	2440	3	2.50		
29	61.22	5586	5586	4410	3	2.50		
25	70.24	5586	5586	5059	3	2.50		
21	82.90	5586	5586	5971	3	2.50		
19	89.85	5586	5586	6472	3	2.50		
18	99.90	5586	5586	7196	3	2.50		
16	108.52	5586	5586	7817	3	2.50		
15	120.03	5586	5586	8646	3	2.50		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-160	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
2 (CONT.)	14	128.86	5586	9282	3	2.50	B_1083GH90I4	
	13	138.87	5586	10003	3	2.42		
	12	150.31	5586	10827	3	2.31		
	11	163.51	5586	11777	3	2.21		
	10	178.90	5586	12886	3	2.06		
	9	201.11	5586	14486	3	1.83		
	8	219.64	5586	15820	3	1.68		
	7	243.47	5586	17537	3	1.51		
	6	278.10	5586	20031	3	1.33		
	6	307.24	5586	22130	3	1.20		
	65	27.02	6907	1946	3	2.50	B_1283GH90I4	
	57	30.61	6907	2205	3	2.50		
	49	35.92	6907	2587	3	2.50		
	45	39.19	6907	2823	3	2.50		
	20	85.98	6907	6193	3	2.50		
	18	97.44	6907	7018	3	2.50		
	15	114.34	6907	8236	3	2.50		
	14	124.73	6907	8984	3	2.50		
	13	136.06	6907	9800	3	2.50		
	12	146.84	6907	10577	3	2.50		
11	164.11	6907	11821	3	2.50			
10	175.80	6907	12663	3	2.50			
9	189.04	6907	13616	3	2.41			
9	204.18	6907	14707	3	2.30			
8	221.64	6907	15964	3	2.20			
7	242.02	6907	17432	3	2.09			
6	270.90	6907	19513	3	1.96			
6	295.38	6907	21276	3	1.87			
3	310	5.65	589	610	3	1.87	B_383GH100J4	
	281	6.22	589	672	3	1.75		
	242	7.22	620	780	3	1.59		
	224	7.82	620	845	3	1.50		
	198	8.85	620	956	3	1.38		
	180	9.72	620	1050	3	1.30		
	163	10.72	620	1158	3	1.21		
	152	11.50	617	1242	3	1.78		
	138	12.65	617	1367	3	1.62		
	119	14.69	617	1587	3	1.39		
	110	15.91	617	1719	3	1.29		
	97	17.99	726	1944	3	1.14		
	88	19.78	726	2137	3	1.04		
	242	7.22	1032	780	3	3.30		B_483GH100J4
	208	8.40	1032	908	3	2.83		
	188	9.32	1032	1007	3	2.55		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-224	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	172	10.15	1032	1097	3	2.34	B_483GH100J4
	146	11.95	1110	1291	3	2.90	
	126	13.90	1110	1502	3	2.61	
	113	15.42	1110	1666	3	2.39	
	104	16.79	1110	1814	3	2.20	
	93	18.78	1149	2029	3	1.96	
	85	20.54	1149	2219	3	1.79	
	78	22.54	1149	2435	3	1.64	
	70	24.85	1149	2685	3	1.48	
	64	27.55	1149	2977	3	1.34	
	61	28.90	1266	3122	3	1.28	
	52	33.60	1266	3630	3	1.10	
	326	5.36	2503	579	3	3.45	
	272	6.44	2503	696	3	3.45	
	231	7.58	2503	819	3	3.45	
	206	8.50	2503	918	3	3.45	
	184	9.52	2503	1029	3	3.45	
	168	10.40	2503	1124	3	3.45	
	147	11.94	2503	1290	3	3.45	
	122	14.35	2503	1550	3	3.45	
	104	16.89	2503	1825	3	3.45	
	92	18.93	2503	2045	3	3.31	
	82	21.22	2503	2293	3	3.05	
	76	23.16	2503	2502	3	2.87	
	69	25.42	2503	2746	3	2.64	
	63	27.99	2503	3024	3	2.40	
	58	30.38	2503	3282	3	2.21	
	53	32.78	2503	3542	3	1.98	
	44	39.39	2503	4256	3	1.71	
	38	46.37	2503	5010	3	1.45	
	34	51.96	2503	5614	3	1.29	
	30	58.23	2503	6291	3	1.15	
	28	63.57	2503	6868	3	1.06	
316	5.54	4505	599	3	3.45	B_883GH100J4	
262	6.69	4505	723	3	3.45		
218	8.03	4512	868	3	3.45		
186	9.41	4512	1017	3	3.45		
150	11.64	4512	1258	3	3.45		
125	14.04	4512	1517	3	3.45		
104	16.85	4512	1821	3	3.45		
89	19.75	4512	2134	3	3.45		
74	23.54	4512	2543	3	3.45		
69	25.53	4512	2758	3	3.45		
61	28.50	4512	3079	3	3.31		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-128	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	57	30.87	4512	3335	3	3.19	B_883GH100J4
	51	34.40	4512	3717	3	3.45	
	42	41.50	4512	4484	3	3.26	
	35	49.80	4512	5381	3	2.71	
	30	58.37	4512	6306	3	2.32	
	25	69.57	4512	7517	3	1.94	
	23	75.45	4512	8152	3	1.79	
	21	84.21	4512	9098	3	1.61	
	19	91.22	4512	9856	3	1.48	
	17	103.38	4512	11169	3	1.31	
	16	111.37	4512	12033	3	1.21	
	15	120.42	4512	13011	3	1.12	
	13	130.77	4512	14129	3	1.03	
	187	9.36	5586	1011	3	3.45	B_1083GH100J4
	160	10.97	5586	1185	3	3.45	
	136	12.90	5586	1394	3	3.45	
	104	16.75	5586	1810	3	3.45	
	89	19.63	5586	2121	3	3.45	
	76	23.08	5586	2494	3	3.45	
	66	26.48	5586	2861	3	3.45	
	56	31.25	5586	3376	3	3.45	
	52	33.87	5586	3659	3	3.45	
	39	44.44	5586	4801	3	3.45	
	34	52.08	5586	5627	3	3.45	
	29	61.22	5586	6614	3	3.45	
	25	70.24	5586	7589	3	3.45	
	21	82.90	5586	8957	3	2.96	
	19	89.85	5586	9708	3	2.74	
	18	99.90	5586	10793	3	2.46	
	16	108.52	5586	11725	3	2.26	
	15	120.03	5586	12968	3	2.05	
	14	128.86	5586	13922	3	1.91	
	13	138.87	5586	15004	3	1.77	
	12	150.31	5586	16240	3	1.64	
	11	163.51	5586	17666	3	1.50	
	10	178.90	5586	19329	3	1.37	
	9	201.11	5586	21728	3	1.22	
	8	219.64	5586	23731	3	1.12	
	7	243.47	5586	26305	3	1.01	
	161	10.88	6907	1176	3	3.45	B_1283GH100J4
139	12.56	6907	1357	3	3.45		
88	19.92	6907	2152	3	3.45		
76	22.99	6907	2484	3	3.45		
65	27.02	6907	2919	3	3.45		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-192	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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SELECTION



RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
3 (CONT.)	57	30.61	6907	3307	3	3.45	B_1283GH100J4
	49	35.92	6907	3881	3	3.45	
	45	39.19	6907	4234	3	3.45	
	28	63.41	6907	6851	3	3.45	
	24	73.18	6907	7907	3	3.45	
	20	85.98	6907	9290	3	3.45	
	18	97.44	6907	10528	3	3.45	
	15	114.34	6907	12354	3	3.37	
	14	124.73	6907	13476	3	3.09	
	13	136.06	6907	14700	3	2.83	
	12	146.84	6907	15865	3	2.62	
	11	164.11	6907	17731	3	2.35	
	10	175.80	6907	18994	3	2.19	
	9	189.04	6907	20424	3	2.04	
	9	204.18	6907	22060	3	1.89	
	8	221.64	6907	23947	3	1.74	
	7	242.02	6907	26149	3	1.59	
	6	270.90	6907	29269	3	1.42	
	6	295.38	6907	31914	3	1.30	
	3 (CONT.)	75	23.19	11951	2506	3	
66		26.58	11951	2872	3	3.45	
24		73.80	13027	7974	3	3.45	
21		84.61	13027	9142	3	3.45	
17		101.53	13027	10970	3	3.45	
16		112.35	13027	12139	3	3.45	
13		131.49	13027	14207	3	3.45	
12		142.41	13027	15386	3	3.36	
11		158.93	13027	17171	3	3.25	
10		168.50	13027	18205	3	3.13	
9		191.02	13027	20638	3	3.01	
9		204.38	13027	22082	3	2.85	
8		214.96	13027	23225	3	2.73	
8		231.95	13027	25061	3	2.55	
7		251.55	13027	27178	3	2.38	
6	274.42	13027	29649	3	2.21		
6	306.08	13027	33070	3	2.00		
5	326	5.36	2503	965	3	2.77	B_683GH112L4
	272	6.44	2503	1160	3	2.77	
	231	7.58	2503	1365	3	2.77	
	206	8.50	2503	1531	3	2.77	
	184	9.52	2503	1714	3	2.75	
	168	10.40	2503	1873	3	2.59	
	147	11.94	2503	2150	3	2.74	
	122	14.35	2503	2584	3	2.41	

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-256	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
5 (CONT.)	104	16.89	2503	3041	3	2.15	B_683GH112L4
	92	18.93	2503	3409	3	1.98	
	82	21.22	2503	3821	3	1.83	
	76	23.16	2503	4170	3	1.72	
	69	25.42	2503	4577	3	1.59	
	63	27.99	2503	5040	3	1.44	
	58	30.38	2503	5471	3	1.33	
	53	32.78	2503	5903	3	1.19	
	44	39.39	2503	7093	3	1.02	
	316	5.54	4505	998	3	2.77	
	262	6.69	4505	1205	3	2.77	
	218	8.03	4512	1446	3	2.77	
	186	9.41	4512	1694	3	2.77	
	150	11.64	4512	2096	3	2.77	
	125	14.04	4512	2528	3	2.77	
	104	16.85	4512	3034	3	2.77	
	89	19.75	4512	3556	3	2.77	
	74	23.54	4512	4239	3	2.75	
	69	25.53	4512	4597	3	2.65	
	61	28.50	4512	5132	3	2.51	
	57	30.87	4512	5559	3	2.42	
	51	34.40	4512	6194	3	2.36	
	42	41.50	4512	7473	3	1.95	
	35	49.80	4512	8968	3	1.63	
	30	58.37	4512	10511	3	1.39	
	25	69.57	4512	12528	3	1.17	
	23	75.45	4512	13586	3	1.07	
	228	7.68	5586	1383	3	2.77	B_1083GH112L4
	187	9.36	5586	1685	3	2.78	
	160	10.97	5586	1975	3	2.77	
	136	12.90	5586	2323	3	2.77	
	127	13.74	5586	2474	3	2.77	
	104	16.75	5586	3016	3	2.77	
	89	19.63	5586	3535	3	2.77	
	76	23.08	5586	4156	3	2.77	
	66	26.48	5586	4768	3	2.77	
56	31.25	5586	5627	3	2.77		
52	33.87	5586	6099	3	2.77		
48	36.44	5586	6562	3	2.77		
39	44.44	5586	8002	3	2.77		
34	52.08	5586	9378	3	2.77		
29	61.22	5586	11024	3	2.41		
25	70.24	5586	12648	3	2.10		
21	82.90	5586	14928	3	1.78		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-160	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
5 (CONT.)	19	89.85	5586	16179	3	1.64	B_1083GH112L4
	18	99.90	5586	17989	3	1.48	
	16	108.52	5586	19541	3	1.36	
	15	120.03	5586	21614	3	1.23	
	14	128.86	5586	23204	3	1.14	
	13	138.87	5586	25007	3	1.06	
	191	9.16	6907	1649	3	2.77	B_1283GH112L4
	161	10.88	6907	1959	3	2.77	
	139	12.56	6907	2262	3	2.77	
	104	16.76	6907	3018	3	2.77	
	88	19.92	6907	3587	3	2.77	
	76	22.99	6907	4140	3	2.77	
	65	27.02	6907	4866	3	2.77	
	57	30.61	6907	5512	3	2.77	
	49	35.92	6907	6468	3	2.77	
	45	39.19	6907	7057	3	2.77	
	33	53.36	6907	9609	3	2.77	
	28	63.41	6907	11418	3	2.77	
	24	73.18	6907	13178	3	2.77	
	20	85.98	6907	15483	3	2.69	
	18	97.44	6907	17546	3	2.37	
	15	114.34	6907	20589	3	2.02	
	14	124.73	6907	22460	3	1.85	
	13	136.06	6907	24501	3	1.70	
	12	146.84	6907	26442	3	1.57	
	11	164.11	6907	29552	3	1.41	
	10	175.80	6907	31657	3	1.31	
	9	189.04	6907	34041	3	1.22	
	9	204.18	6907	36767	3	1.13	
	8	221.64	6907	39911	3	1.04	
	88	19.84	11951	3573	3	2.77	B_1483GH112L4
	75	23.19	11951	4176	3	2.77	
	66	26.58	11951	4786	3	2.77	
	57	30.74	12561	5535	3	2.77	
	28	63.16	13027	11373	3	2.77	
	24	73.80	13027	13289	3	2.77	
21	84.61	13027	15236	3	2.77		
18	97.82	13027	17615	3	2.77		
17	101.53	13027	18283	3	2.77		
16	112.35	13027	20231	3	2.77		
13	131.49	13027	23678	3	2.69		
12	142.41	13027	25644	3	2.54		
11	158.93	13027	28619	3	2.46		
10	168.50	13027	30342	3	2.33		

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-224	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
5 (CONT.)	9	191.02	13027	34397	3	2.06	B_1483GH112L4	
	9	204.38	13027	36803	3	1.92		
	8	214.96	13027	38708	3	1.83		
	8	231.95	13027	41768	3	1.70		
	7	251.55	13027	45297	3	1.56		
	6	274.42	13027	49415	3	1.43		
	6	306.08	13027	55116	3	1.28		
7.5	316	5.54	4505	1496	3	3.59	B_883GH132M4	
	262	6.69	4505	1807	3	3.38		
	218	8.03	4512	2169	3	3.16		
	186	9.41	4512	2542	3	2.96		
	150	11.64	4512	3144	3	3.59		
	125	14.04	4512	3792	3	3.32		
	104	16.85	4512	4551	3	2.92		
	89	19.75	4512	5335	3	2.61		
	74	23.54	4512	6358	3	2.30		
	69	25.53	4512	6896	3	2.12		
	61	28.50	4512	7698	3	1.90		
	57	30.87	4512	8338	3	1.75		
	51	34.40	4512	9292	3	1.57		
	42	41.50	4512	11209	3	1.30		
	35	49.80	4512	13451	3	1.09		
	7.5	228	7.68	5586	2074	3	4.02	B_1083GH132M4
		187	9.36	5586	2528	3	3.82	
		160	10.97	5586	2963	3	3.62	
		136	12.90	5586	3484	3	3.41	
		127	13.74	5586	3711	3	4.02	
104		16.75	5586	4524	3	3.82		
89		19.63	5586	5302	3	3.62		
76		23.08	5586	6234	3	3.41		
66		26.48	5586	7152	3	3.21		
56		31.25	5586	8441	3	2.97		
52		33.87	5586	9149	3	2.76		
48		36.44	5586	9843	3	2.56		
39		44.44	5586	12004	3	2.21		
34		52.08	5586	14067	3	1.89		
29		61.22	5586	16536	3	1.61		
25		70.24	5586	18972	3	1.40		
21		82.90	5586	22392	3	1.19		
19	89.85	5586	24269	3	1.09			
7.5	246	7.10	6907	1918	3	4.37	B_1283GH132M4	
	212	8.26	6907	2231	3	4.37		
	191	9.16	6907	2474	3	4.36		
	161	10.88	6907	2939	3	4.37		

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
7.5 (CONT.)	139	12.56	6907	3393	3	4.36	B_1283GH132M4	
	135	13.00	6907	3511	3	4.37		
	116	15.13	6907	4087	3	4.36		
	104	16.76	6907	4527	3	4.37		
	88	19.92	6907	5381	3	4.37		
	76	22.99	6907	6210	3	4.37		
	65	27.02	6907	7298	3	4.25		
	57	30.61	6907	8268	3	4.07		
	49	35.92	6907	9702	3	3.84		
	45	39.19	6907	10585	3	3.71		
	42	41.38	6907	11177	3	3.72		
	36	48.14	6907	13003	3	3.20		
	33	53.36	6907	14413	3	2.89		
	28	63.41	6907	17127	3	2.43		
	24	73.18	6907	19766	3	2.10		
	20	85.98	6907	23224	3	1.79		
	18	97.44	6907	26319	3	1.58		
	15	114.34	6907	30884	3	1.35		
	14	124.73	6907	33690	3	1.23		
	13	136.06	6907	36751	3	1.13		
	12	146.84	6907	39663	3	1.05		
	235	7.44	10246	2010	3	4.37		B_1483GH132M4
	199	8.79	10246	2374	3	4.36		
	116	15.05	11162	4065	3	4.37		
98	17.77	11951	4800	3	4.37			
88	19.84	11951	5359	3	4.37			
75	23.19	11951	6264	3	4.25			
66	26.58	11951	7179	3	4.07			
57	30.74	12561	8303	3	3.84			
56	31.10	12561	8400	3	4.37			
42	41.38	12561	11177	3	4.37			
37	47.91	13027	12941	3	4.37			
31	56.57	13027	15280	3	4.37			
28	63.16	13027	17060	3	4.15			
24	73.80	13027	19934	3	3.55			
21	84.61	13027	22854	3	3.10			
18	97.82	13027	26422	3	2.68			
17	101.53	13027	27424	3	2.58			
16	112.35	13027	30347	3	2.33			
13	131.49	13027	35516	3	1.99			
12	142.41	13027	38466	3	1.84			
11	158.93	13027	42928	3	1.65			
10	168.50	13027	45513	3	1.56			
9	191.02	13027	51596	3	1.37			

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-256	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER
7.5 (CONT.)	9	204.38	13027	55204	3	1.28	B_1483GH132M4
	8	214.96	13027	58062	3	1.22	
	8	231.95	13027	62651	3	1.13	
	7	251.55	13027	67945	3	1.04	
	172	10.17	15278	2747	3	4.37	B_1683GH132M4
	150	11.67	16566	3152	3	4.37	
	92	19.09	17607	5156	3	4.37	
	80	21.90	17607	5915	3	4.37	
	72	24.14	17607	6520	3	4.37	
	61	28.54	18949	7709	3	4.25	
	54	32.53	18949	8787	3	4.07	
	33	53.18	18949	14364	3	4.36	
	29	60.99	18949	16474	3	4.37	
	26	67.22	18949	18157	3	4.37	
	22	79.49	18949	21471	3	4.25	
	19	90.60	18949	24472	3	4.07	
	17	104.18	18949	28140	3	3.84	
	15	119.09	18949	32167	3	3.71	
	13	138.00	18949	37275	3	3.21	
	12	150.36	18949	40613	3	2.94	
	10	167.50	18949	45243	3	2.64	
	10	177.43	18949	47925	3	2.49	
	9	199.54	18949	53897	3	2.22	
	8	213.33	18949	57622	3	2.07	
	8	226.15	18949	61085	3	1.96	
	7	243.80	18949	65852	3	1.81	
7	264.18	18949	71357	3	1.67		
6	287.95	18949	77777	3	1.35		
10	316	5.54	4505	1995	3	2.69	B_883GH132N4
	262	6.69	4505	2409	3	2.54	
	218	8.03	4512	2892	3	2.37	
	186	9.41	4512	3389	3	2.22	
	150	11.64	4512	4192	3	2.69	
	125	14.04	4512	5056	3	2.49	
	104	16.85	4512	6068	3	2.19	
	89	19.75	4512	7113	3	1.96	
	74	23.54	4512	8478	3	1.72	
	69	25.53	4512	9194	3	1.59	
	61	28.50	4512	10264	3	1.42	
	57	30.87	4512	11118	3	1.31	
	51	34.40	4512	12389	3	1.18	
	228	7.68	5586	2766	3	3.02	B_1083GH132N4
	187	9.36	5586	3371	3	2.86	
	160	10.97	5586	3951	3	2.72	

(B) See Footnote page on inside back cover

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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
10 (CONT.)	136	12.90	5586	4646	3	2.55	B_1083GH132N4	
	127	13.74	5586	4948	3	3.02		
	104	16.75	5586	6032	3	2.86		
	89	19.63	5586	7070	3	2.72		
	76	23.08	5586	8312	3	2.55		
	66	26.48	5586	9537	3	2.41		
	56	31.25	5586	11254	3	2.23		
	52	33.87	5586	12198	3	2.07		
	48	36.44	5586	13124	3	1.92		
	39	44.44	5586	16005	3	1.66		
	34	52.08	5586	18756	3	1.42		
	29	61.22	5586	22048	3	1.20		
	25	70.24	5586	25296	3	1.05		
	246	7.10	6907	2557	3	3.27		B_1283GH132N4
	212	8.26	6907	2975	3	3.27		
	191	9.16	6907	3299	3	3.27		
	161	10.88	6907	3918	3	3.27		
	139	12.56	6907	4523	3	3.27		
	135	13.00	6907	4682	3	3.27		
	116	15.13	6907	5449	3	3.27		
	104	16.76	6907	6036	3	3.27		
	88	19.92	6907	7174	3	3.27		
	76	22.99	6907	8280	3	3.27		
	65	27.02	6907	9731	3	3.18		
	57	30.61	6907	11024	3	3.05		
	49	35.92	6907	12936	3	2.88		
	45	39.19	6907	14114	3	2.78		
	42	41.38	6907	14903	3	2.79		
	36	48.14	6907	17337	3	2.40		
	33	53.36	6907	19217	3	2.16		
	28	63.41	6907	22837	3	1.82		
	24	73.18	6907	26355	3	1.58		
	20	85.98	6907	30965	3	1.34		
	18	97.44	6907	35092	3	1.19		
	15	114.34	6907	41179	3	1.01		
	235	7.44	10246	2679	3	3.28	B_1483GH132N4	
	199	8.79	10246	3166	3	3.27		
	116	15.05	11162	5420	3	3.27		
	98	17.77	11951	6400	3	3.27		
88	19.84	11951	7145	3	3.27			
75	23.19	11951	8352	3	3.19			
66	26.58	11951	9573	3	3.05			
57	30.74	12561	11071	3	2.88			
56	31.10	12561	11200	3	3.27			

(B) See Footnote page on inside back cover

NOMENCLATURE PAGE RHB-5	DIMENSIONS PAGE RHB-224	THERMAL RATINGS PAGE RHB-364	MOTOR INFORMATION PAGE ENGINEERING-14
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RIGHT ANGLE HELICAL BEVEL INTEGRAL GEARMOTORS (RHB) - 1750 RPM 60 Hz

INPUT POWER (HP)	SPEED (RPM)	RATIO	OHL (LBF) (B)	OUTPUT TORQUE (LB-IN)	GEAR STAGE	SERVICE FACTOR (SF)	CATALOG NUMBER	
10 (CONT.)	42	41.38	12561	14903	3	3.27	B_1483GH132N4	
	37	47.91	13027	17254	3	3.27		
	31	56.57	13027	20373	3	3.27		
	28	63.16	13027	22747	3	3.11		
	24	73.80	13027	26579	3	2.66		
	21	84.61	13027	30472	3	2.32		
	18	97.82	13027	35229	3	2.01		
	17	101.53	13027	36565	3	1.94		
	16	112.35	13027	40462	3	1.75		
	13	131.49	13027	47355	3	1.50		
	12	142.41	13027	51288	3	1.38		
	11	158.93	13027	57238	3	1.24		
	10	168.50	13027	60684	3	1.17		
	9	191.02	13027	68794	3	1.03		
	172	10.17	15278	3663	3	3.27		B_1683GH132N4
	150	11.67	16566	4203	3	3.27		
	92	19.09	17607	6875	3	3.27		
	80	21.90	17607	7887	3	3.27		
	72	24.14	17607	8694	3	3.27		
	61	28.54	18949	10278	3	3.19		
	54	32.53	18949	11715	3	3.05		
	33	53.18	18949	19152	3	3.27		
	29	60.99	18949	21965	3	3.27		
	26	67.22	18949	24209	3	3.27		
	22	79.49	18949	28628	3	3.19		
	19	90.60	18949	32629	3	3.05		
	17	104.18	18949	37520	3	2.88		
	15	119.09	18949	42889	3	2.78		
	13	138.00	18949	49700	3	2.40		
	12	150.36	18949	54151	3	2.21		
	10	167.50	18949	60324	3	1.98		
	10	177.43	18949	63900	3	1.87		
	9	199.54	18949	71863	3	1.66		
	8	213.33	18949	76829	3	1.56		
	8	226.15	18949	81446	3	1.47		
	7	243.80	18949	87803	3	1.36		
7	264.18	18949	95143	3	1.26			
6	287.95	18949	103703	3	1.01			

(B) See Footnote page on inside back cover

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