

900 Series – Right Angle – Quill Type Solid Shaft



1.33 thru 3.75 CD

NEMA 56C thru 210TC

Applications: Ideal for conveyors, material handling, textile machines, packaging machinery. etc. (slow speed and high torque).

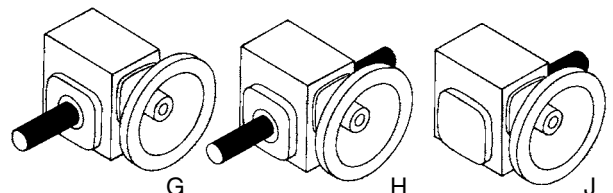
Features: Heavy duty cast iron housing, chill cast bronze gearing, precision ground hardened worm, ball bearing on input shaft, tapered roller bearings on output shaft. Industry-standard mounting dimensions. Pre-filled with food grade (H1) Klubersynth UH1-6-460 synthetic oil, sealed housing provides maintenance-free lubed for life operation.

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.	
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5									10
350	5:1		75	112	149								1.11	165	56C	F-913-05-B5-G	GF0513AG	479	GB	20
			75	112	149								1.11	165	56C	F-913-05-B5-J	GF0513AJ	479	GB	20
				115	154	231							1.50	231	56C	F-915-05-B5-G	GF0515AG	512	GB	25
				115	154	231							1.50	231	140TC	F-915-05-B7-G	GF0515BG	512	GB	25
				115	154	231							1.50	231	56C	F-915-05-B5-H	GF0515AH	543	GB	25
					160	240	320						2.00	320	56C	F-918-05-B5-G	GF0518AG	525	GB	30
					160	240	320						2.00	320	140TC	F-918-05-B7-G	GF0518BG	525	GB	30
						246	327	491					3.14	514	140TC	F-921-05-B7-G	GF0521BG	657	GB	35
						246	327	491					3.14	514	140TC	F-921-05-B7-J	GF0521BJ	657	GB	35
							339	507					4.17	705	180TC	F-924-05-B9-G	GF0524CG	775	GB	40
							339	508	847				5.43	919	180TC	F-926-05-B9-G	GF0526CG	899	GB	55
								502	837	1255			7.64	1279	180TC	F-930-05-B9-G	GF0530CG	1,222	GB	68
							837	1255	1674		13.7	2315	210TC	F-938-05-B11-H	GF0538DH	1,710	GB	126		
175	10:1		82	125	187							0.90	225	56C	F-913-10-B5-G	GF1013AG	479	GB	20	
			82	125	187							0.90	225	56C	F-913-10-B5-J	GF1013AJ	479	GB	20	
			82	125	187							0.90	225	56C	F-913-10-B5-H	GF1013AH	507	GB	20	
				141	211	282						1.03	290	56C	F-915-10-B5-G	GF1015AG	512	GB	20	
				141	211	282						1.03	290	140TC	F-915-10-B7-G	GF1015BG	512	GB	20	
				141	211	282						1.03	290	56C	F-915-10-B5-H	GF1015AH	543	GB	25	
					214	285	428					1.50	428	56C	F-918-10-B5-G	GF1018AG	525	GB	30	
					214	285	428					1.50	428	56C	F-918-10-B5-J	GF1018AJ	525	GB	30	
					214	285	428					1.50	428	56C	F-918-10-B5-H	GF1018AH	556	GB	29	
					214	285	428					1.50	428	140TC	F-918-10-B7-G	GF1018BG	525	GB	30	
						312	468	624				2.02	630	56C	F-921-10-B5-G	GF1021AG	657	GB	35	
						312	468	624				2.02	630	56C	F-921-10-B5-J	GF1021AJ	657	GB	35	
						312	468	624				2.02	630	56C	F-921G-10-B5-G	GF10G21AG	657	GB	30	

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.
 Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
 Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

Assembly Types



Gearmotors and Gear Products

PT Components

Motor Accessories

Grinders

Generators

Servo Motors and Controls

Mod Express

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Classifications and Sales Offices

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900 Series - Right Angle - Quill Type - Solid Shaft continued...

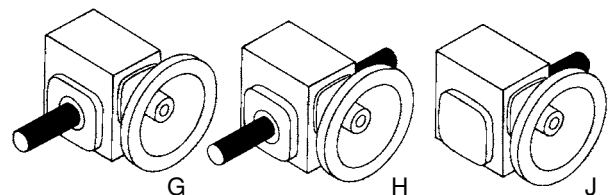
Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.		
		0.25	0.33	0.5	0.75	1	1.5	2	3	5									7.5	
175	10:1					312	468	624				2.02	630	56C	F-921-10-B5-H	GF1021AH	692	GB	35	
						312	468	624				2.02	630	140TC	F-921-10-B7-G	GF1021BG	657	GB	35	
						317	475	634				2.73	893	140TC	F-924-10-B7-G	GF1024BG	775	GB	40	
									655	983			3.59	1177	140TC	F-926-10-B7-G	GF1026BG	899	GB	55
									655	983			3.59	1177	180TC	F-926-10-B9-G	GF1026CG	899	GB	55
									641	961	1602		5.48	1755	180TC	F-930-10-B9-G	GF1030CG	1,222	GB	68
										990	1649		6.36	2106	180TC	F-932-10-B9-G	GF1032CG	1,325	GB	87
117	15:1											9.05	2905	210TC	F-938-10-B11-G	GF1038DG	1,618	GB	126	
		89	118	179								0.66	225	56C	F-913-15-B5-G	GF1513AG	479	GB	20	
		89	118	179								0.66	225	56C	F-913-15-B5-J	GF1513AJ	479	GB	20	
		89	118	179								0.66	225	56C	F-913-15-B5-H	GF1513AH	507	GB	20	
			127	193	289							0.81	312	56C	F-915-15-B5-G	GF1515AG	512	GB	25	
			127	193	289							0.81	312	56C	F-915-15-B5-H	GF1515AH	543	GB	25	
				209	314	419						1.07	448	56C	F-918-15-B5-G	GF1518AG	525	GB	30	
				209	314	419						1.07	448	56C	F-918-15-B5-J	GF1518AJ	525	GB	30	
				209	314	419						1.07	448	56C	F-918-15-B5-H	GF1518AH	556	GB	30	
				246	369	492						1.35	664	56C	F-921-15-B5-G	GF1521AG	657	GB	35	
				246	369	492						1.35	664	56C	F-921-15-B5-J	GF1521AJ	657	GB	35	
				246	369	492						1.35	664	56C	F-921-15-B5-H	GF1521AH	692	GB	35	
				246	369	492						1.35	664	140TC	F-921-15-B7-G	GF1521BG	657	GB	35	
						470	705	939				2.11	992	56C	F-924-15-B5-G	GF1524AG	775	GB	40	
						470	705	939				2.11	992	56C	F-924-15-B5-J	GF1524AJ	775	GB	40	
						470	705	939				2.11	992	140TC	F-924-15-B7-G	GF1524BG	775	GB	40	
						473	710	947				2.58	1225	140TC	F-926-15-B7-G	GF1526BG	899	GB	55	
							686	915	1373			4.14	1903	180TC	F-930-15-B9-G	GF1530CG	1,222	GB	68	
								959	1438			4.66	2241	140TC	F-932-15-B7-G	GF1532BG	1,325	GB	87	
								959	1438			4.66	2241	180TC	F-932-15-B9-G	GF1532CG	1,325	GB	87	
							1409	2349		6.64	3118	180TC	F-938-15-B9-G	GF1538CG	1,618	GB	126			
88	20:1	113	149	226							0.53	239	56C	F-913-20-B5-G	GF2013AG	479	GB	20		
		113	149	226							0.53	239	56C	F-913-20-B5-H	GF2013AH	507	GB	20		
		128	169	256							0.62	317	56C	F-915-20-B5-G	GF2015AG	512	GB	25		
		128	169	256							0.62	317	56C	F-915-20-B5-H	GF2015AH	543	GB	25		
			165	251	376							0.92	461	56C	F-918-20-B5-G	GF2018AG	525	GB	30	
			165	251	376							0.92	461	56C	F-918-20-B5-J	GF2018AJ	525	GB	30	
			165	251	376							0.92	461	56C	F-918-20-B5-H	GF2018AH	556	GB	30	
				323	484	645						1.06	684	56C	F-921-20-B5-G	GF2021AG	657	GB	35	
				323	484	645						1.06	684	56C	F-921-20-B5-J	GF2021AJ	657	GB	35	
				323	484	645						1.06	684	56C	F-921G-20-B5-G	GF20G21AG	657	GB	35	

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

See notes on inside back flap.

Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

Assembly Types



900 Series – Right Angle – Quill Type – Solid Shaft continued...

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.	
		0.25	0.33	0.5	0.75	1	1.5	2	3	5									7.5
88	20:1		323	484	645							1.06	684	56C	F-921-20-B5-H	GF2021AH	692	GB	35
			323	484	645							1.06	684	140TC	F-921-20-B7-G	GF2021BG	657	GB	35
			323	484	645							1.06	684	140TC	F-921G-20-B7-G	GF20G21BG	657	GB	30
				451	602	902						1.72	1038	56C	F-924-20-B5-G	GF2024AG	775	GB	40
				451	602	902						1.72	1038	140TC	F-924-20-B7-G	GF2024BG	775	GB	40
					609	913	1218					2.15	1308	56C	F-926-20-B5-G	GF2026AG	899	GB	55
					609	913	1218					2.15	1308	140TC	F-926-20-B7-G	GF2026BG	899	GB	55
							880	1174	1761			3.31	1955	140TC	F-930-20-B7-G	GF2030BG	1,222	GB	68
							880	1174	1761			3.31	1955	180TC	F-930-20-B9-G	GF2030CG	1,222	GB	68
							880	1174	1761			3.31	1955	180TC	F-930-20-B9-J	GF2030CJ	1,222	GB	68
							924	1232	1848			3.85	2383	140TC	F-932-20-B7-G	GF2032BG	1,325	GB	87
							924	1232	1848			3.85	2383	180TC	F-932-20-B9-G	GF2032CG	1,325	GB	87
						1176	1764	2940		5.43	3193	180TC	F-938-20-B9-G	GF2038CG	1,618	GB	126		
70	25:1	119	157	238							0.50	238	56C	F-913-25-B5-G	GF2513AG	479	GB	20	
		156	206	312							0.51	318	56C	F-915-25-B5-G	GF2515AG	512	GB	25	
		156	206	312							0.51	318	56C	F-915-25-B5-H	GF2515AH	543	GB	25	
			183	277	416						0.8	444	56C	F-918-25-B5-G	GF2518AG	525	GB	28	
			183	277	416						0.8	444	56C	F-918-25-B5-J	GF2518AJ	525	GB	30	
			250	379	569						0.89	675	56C	F-921-25-B5-G	GF2521AG	657	GB	35	
			250	379	569						0.89	675	56C	F-921-25-B5-J	GF2521AJ	657	GB	35	
			250	379	569						0.89	675	56C	F-921G-25-B5-G	GF25G21AG	657	GB	40	
				365	547	729					1.37	1002	56C	F-924-25-B5-G	GF2524AG	775	GB	36	
				365	547	729					1.37	1002	140TC	F-924-25-B7-G	GF2524BG	775	GB	40	
					567	756	1134				1.73	1307	140TC	F-926-25-B7-G	GF2526BG	899	GB	55	
						711	1066	1422			2.78	1978	56C	F-930-25-B5-G	GF2530AG	1,222	GB	68	
						711	1066	1422			2.78	1978	140TC	F-930-25-B7-G	GF2530BG	1,222	GB	68	
							1134	1513	2269		3.13	2355	140TC	F-932-25-B7-G	GF2532BG	1,325	GB	87	
								1440	2160		4.50	3222	180TC	F-938-25-B9-H	GF2538CH	1,710	GB	126	
58	30:1	148	195								0.42	248	56C	F-913-30-B5-G	GF3013AG	479	GB	20	
		148	195								0.42	248	56C	F-913-30-B5-H	GF3013AH	507	GB	20	
		159	210	318							0.50	318	56C	F-915-30-B5-G	GF3015AG	512	GB	25	
		159	210	318							0.50	318	56C	F-915-30-B5-H	GF3015AH	543	GB	25	
			216	327							0.72	470	56C	F-918-30-B5-G	GF3018AG	525	GB	30	
			216	327							0.72	470	56C	F-918-30-B5-J	GF3018AJ	525	GB	30	
			216	327							0.72	470	56C	F-918-30-B5-H	GF3018AH	556	GB	30	
			275	416	624						0.83	691	56C	F-921-30-B5-G	GF3021AG	657	GB	35	
			275	416	624						0.83	691	56C	F-921-30-B5-J	GF3021AJ	657	GB	35	
			275	416	624						0.83	691	56C	F-921-30-B5-H	GF3021AH	692	GB	35	
			275	416	624						0.83	691	56C	F-921G-30-B5-G	GF30G21AG	657	GB	30	
				420	630	840					1.32	1111	56C	F-924-30-B5-G	GF3024AG	775	GB	40	
				420	630	840					1.32	1111	56C	F-924-30-B5-J	GF3024AJ	775	GB	40	
				420	630	840					1.32	1111	140TC	F-924-30-B7-G	GF3024BG	775	GB	40	
					641	854	1281				1.54	1313	56C	F-926-30-B5-G	GF3026AG	899	GB	55	
					641	854	1281				1.54	1313	140TC	F-926-30-B7-G	GF3026BG	899	GB	55	
						804	1206	1608			2.47	1978	56C	F-930-30-B5-G	GF3030AG	1,222	GB	68	
						804	1206	1608			2.47	1978	56C	F-930-30-B5-J	GF3030AJ	1,222	GB	68	
						804	1206	1608			2.47	1978	140TC	F-930-30-B7-G	GF3030BG	1,222	GB	68	
						881	1322	1763			2.81	2482	140TC	F-932-30-B7-G	GF3032BG	1,325	GB	87	
					1626	2438			3.97	3226	180TC	F-938-30-B9-G	GF3038CG	1,618	GB	126			

NOTE: Refer to Brochure CA1600 for Dimensions and Engineering Information.

See notes on inside back flap.

- Service Class I Torque Ratings (1.0 Service Factor)
- Service Class II Torque Ratings (≥ 1.4 Service Factor)
- Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

900 Series - Right Angle - Quill Type - Solid Shaft continued...

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5								
44	40:1	174	230									0.33	230	56C	F-913-40-BG-G	GF4013AG	479	GB	20
		174	230									0.33	230	56C	F-913-40-B5-H	GF4013AH	507	GB	20
		208	275									0.38	317	56C	F-915-40-B5-G	GF4015AG	512	GB	25
		208	275									0.38	317	56C	F-915-40-B5-J	GF4015AJ	512	GB	25
		180	238	360								0.64	461	56C	F-918-40-B5-G	GF4018AG	525	GB	30
		180	238	360								0.64	461	56C	F-918-40-B5-J	GF4018AJ	525	GB	30
			340	515								0.66	680	56C	F-921-40-B5-G	GF4021AG	657	GB	35
			340	515								0.66	680	56C	F-921-40-B5-J	GF4021AJ	657	GB	35
				521	781							0.99	1030	56C	F-924-40-B5-G	GF4024AG	775	GB	40
				521	781							0.99	1030	56C	F-924-40-B5-J	GF4024AJ	775	GB	40
				521	781							0.99	1030	56C	F-924-40-B5-H	GF4024AH	819	GB	40
				524	786	1049						1.23	1296	56C	F-926-40-B5-G	GF4026AG	899	GB	55
				524	786	1049						1.23	1296	56C	F-926-40-B5-J	GF4026AJ	899	GB	55
				524	786	1049						1.23	1296	140TC	F-926-40-B7-G	GF4026BG	899	GB	55
					794	1059	1589					1.84	1960	56C	F-930-40-B5-G	GF4030AG	1,222	GB	68
					794	1059	1589					1.84	1960	140TC	F-930-40-B7-G	GF4030BG	1,222	GB	68
						1180	1620	2160				2.20	2374	140TC	F-932-40-B7-G	GF4032BG	1,325	GB	87
							1596	2129	3192			3.00	3192	180TC	F-938-40-B9-G	GF4038CG	1,618	GB	126
							1596	2129	3192			3.00	3192	180TC	F-938-40-B9-H	GF4038CH	1,710	GB	126
		35	50:1	177	234								0.33	234	56C	F-913-50-B5-G	GF5013AG	479	GB
177	234										0.33	234	56C	F-913-50-B5-H	GF5013AH	507	GB	20	
230	303										0.33	303	56C	F-915-50-B5-G	GF5015AG	512	GB	25	
222	294										0.49	436	56C	F-918-50-B5-G	GF5018AG	525	GB	30	
222	294										0.49	436	56C	F-918-50-B5-J	GF5018AJ	525	GB	30	
280	370			561							0.58	651	56C	F-921-50-B5-G	GF5021AG	657	GB	35	
280	370			561							0.58	651	56C	F-921-50-B5-J	GF5021AJ	657	GB	35	
280	370			561							0.58	651	56C	F-921-50-B5-H	GF5021AH	692	GB	35	
	401			608	912						0.83	1014	56C	F-924-50-B5-G	GF5024AG	775	GB	40	
				621	932	1242					1.00	1242	56C	F-926-50-B5-G	GF5026AG	899	GB	55	
				621	932	1242					1.00	1242	140TC	F-926-50-B7-G	GF5026BG	899	GB	55	
					850	1134	1701				1.67	1890	56C	F-930-50-B5-G	GF5030AG	1,222	GB	68	
					850	1134	1701				1.67	1890	140TC	F-930-50-B7-G	GF5030BG	1,222	GB	68	
					958	1278	1917				1.83	2366	56C	F-932-50-B5-G	GF5032AG	1,325	GB	87	
					958	1278	1917				1.83	2366	140TC	F-932-50-B7-G	GF5032BG	1,325	GB	87	
						1152	1729	2305			2.67	3076	140TC	F-938-50-B7-G	GF5038BG	1,618	GB	126	
						1152	1729	2305			2.67	3076	140TC	F-938-50-B7-H	GF5038BH	1,710	GB	126	
29	60:1			218	288							0.33	288	56C	F-915-60-B5-G	GF6015AG	512	GB	25
		218	288							0.33	288	56C	F-915-60-B5-H	GF6015AH	543	GB	25		
		220	290							0.47	413	56C	F-918-60-B5-G	GF6018AG	525	GB	30		
		220	290							0.47	413	56C	F-918-60-B5-J	GF6018AJ	525	GB	30		
		220	290							0.47	413	56C	F-918-60-B5-H	GF6018AH	556	GB	30		

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

See notes on inside back flap.

Vertical motor below gearhead not recommended.
 Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

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EISA Compliance Table & Index

900 Series – Right Angle – Quill Type – Solid Shaft continued...

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.	
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5									
29	60:1	317	418	634								0.50	634	56C	F-921-60-B5-G	GF6021AG	657	GB	35	
		317	418	634								0.50	634	56C	F-921-60-B5-H	GF6021AH	692	GB	35	
		317	418	634								0.50	634	56C	F-921-60-B5-J	GF6021AJ	657	GB	35	
			458	693								0.69	958	56C	F-924-60-B5-G	GF6024AG	775	GB	40	
			458	693								0.69	958	56C	F-924-60-B5-J	GF6024AJ	775	GB	40	
			473	716	1074							0.82	1166	56C	F-926-60-B5-G	GF6026AG	899	GB	55	
			473	716	1074							0.82	1166	56C	F-926-60-B5-J	GF6026AJ	899	GB	55	
			473	716	1074							0.82	1166	56C	F-926-60-B5-H	GF6026AH	947	GB	55	
					896	1195	1795						1.50	1795	56C	F-930-60-B5-G	GF6030AG	1,222	GB	68
					896	1195	1795						1.50	1795	140TC	F-930-60-B7-G	GF6030BG	1,222	GB	68
					1100	1467	2200						1.54	2255	56C	F-932-60-B5-G	GF6032AG	1,325	GB	87
					1100	1467	2200						1.54	2255	140TC	F-932-60-B7-G	GF6032BG	1,325	GB	87
						1254	1881	2508					2.33	2921	140TC	F-938-60-B7-G	GF6038BG	1,618	GB	126
						1254	1881	2508					2.33	2921	140TC	F-938-60-B7-H	GF6038BH	1,710	GB	126

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

See notes on inside back flap.

Suffix G = Left hand output facing input
 J = Right hand output facing input
 H = Double Output Shaft

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

Assembly Types

