

### Universal 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.
		0.18	0.25	0.33	0.5	0.75	1	1.5	2	3	5								
70	25:1	123	186									0.29	218	56C	STF-133-25-A-A	GSF2513AA	501	GB	21
		186	247	371								0.55	406	56C	STF-175-25-A-A	GSF2518AA	548	GB	23
			247	371	557							0.81	601	56C	STF-200-25-A-A	GSF2520AA	654	GB	29
				375	563	751						1.09	814	56C	STF-225-25-A-A	GSF2523AA	742	GB	33
							744	1114	1489			2.08	1539	140TC	STF-300-25-B-A	GSF2530BA	1082	GB	56
58	30:1	145	218								0.24	214	56C	STF-133-30-A-A	GSF3013AA	501	GB	21	
			218	289								0.47	406	56C	STF-175-30-A-A	GSF3018AA	548	GB	22
				289	435	652						0.77	665	56C	STF-200-30-A-A	GSF3020AA	654	GB	30
					435	652						0.98	847	56C	STF-225-30-A-A	GSF3023AA	742	GB	33
					435	652	869					1.35	1166	56C	STF-258-30-A-A	GSF3026AA	947	GB	50
							869	1304				1.74	1501	140TC	STF-300-30-B-A	GSF3030BA	1082	GB	57
44	40:1	181									0.19	206	56C	STF-133-40-A-A	GSF4013AA	501	GB	21	
		180	272	362								0.36	389	56C	STF-175-40-A-A	GSF4018AA	548	GB	11
			272	362	543							0.52	568	56C	STF-200-40-A-A	GSF4020AA	654	GB	30
				364	547							0.71	772	56C	STF-225-40-A-A	GSF4023AA	742	GB	33
					545	817	1090					1.01	1095	56C	STF-258-40-A-A	GSF4026AA	947	GB	51
					542	815	1087					1.36	1470	56C	STF-300-40-A-A	GSF4030AA	1082	GB	57
					542	815	1087					1.36	1470	140TC	STF-300-40-B-A	GSF4030BA	1082	GB	57
					1087	1630	2173			2.24	2405	140TC	STF-350-40-B-A	GSF4035BA	1484	GB	83		
35	50:1	210									0.15	191	56C	STF-133-50-A-A	GSF5013AA	501	GB	21	
		210	316									0.28	360	56C	STF-175-50-A-A	GSF5018AA	548	GB	23
		211	317	423								0.42	536	56C	STF-200-50-A-A	GSF5020AA	654	GB	30
			317	422								0.55	693	56C	STF-225-50-A-A	GSF5023AA	742	GB	33
				422	634	951						0.79	995	56C	STF-258-50-A-A	GSF5026AA	947	GB	51
					634	952	1270					1.07	1350	140TC	STF-300-50-B-A	GSF5030BA	1082	GB	57
29	60:1										0.24	343	56C	STF-175-60-A-A	GSF6018AA	548	GB	23	
		234	353	470								0.36	505	56C	STF-200-60-A-A	GSF6020AA	654	GB	29
			346	461	692							0.51	702	56C	STF-225-60-A-A	GSF6023AA	742	GB	33
				470	706							0.69	976	56C	STF-258-60-A-A	GSF6026AA	947	GB	51
					706	1059						0.84	1179	56C	STF-300-60-A-A	GSF6030AA	1082	GB	56
					1059	1413	2119			1.50	2128	140TC	STF-350-60-B-A	GSF6035BA	1484	GB	83		

**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)

Optional Shaft Positions, Bases Installation and Motor Mounting available through Mod Express.  
Refer to Baldor District Office for Price and Delivery.  
See notes on inside back flap and pages 5-6.

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.

### Inline Helical

### 4 Sizes

### 56C thru 250TC



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

**Features:** Baldor's new ILH (in-line helical) gearboxes have higher torque ratings in a compact design. Clamp collar 56C – 250TC offers compact C-face solution. Heavy-duty cast iron housings, hardened and ground AGMA class 11 gears for greater impact resistance and longer service life. Pre-fill for horizontal mounting to insure proper oil grade and fill level.

Nominal RPMs	Continuous Duty Output Torque (in-lbs.) Based on 1750 RPM Motors											Max Input Hp	Max Output Torque Rating In-Lbs.	NEMA	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.		
	0.33	0.50	0.75	1	1.5	2	3	5	7.5	10	15									20	
180				349	524	698							2.02	705	56C	HB382CN56C-9	GIF0938A	795	GB	29	
					524	699	1048						4.86	1698	140TC	HB382CN140TC-9	GIF0938B	795	GB	31	
					524	699	1048						4.86	1698	180TC	HB382CN180TC-9	GIF0938C	870	GB	32	
							1055	1758	2637				8.79	3090	180TC	HB482CN180TC-9	GIF0948C	1257	GB	55	
										3504	5256	7007	20.17	7067	210TC	HB482CN210TC-9	GIF0968D	1970	GB	101	
124				510	766	1021							2.02	1031	56C	HB382CN56c-14	GIF1438A	795	GB	29	
					766	1021	1532						3.77	1925	140TC	HB382CN140TC-14	GIF1438B	795	GB	31	
						1057	1586	2644					6.68	3532	180TC	HB482CN180TC-14	GIF1448C	1257	GB	55	
								2447	3670	4894			10.36	5070	180TC	HB682CN180TC-14	GIF1468C	1970	GB	93	
								2447	3670	4894			14.47	7081	210TC	HB682CN210TC-14	GIF1468D	1970	GB	101	
102										5268	7902	10536	27.6	14540	250TC	HB882CN250TC-14	GIF1488E	3037	GB	229	
			468	623	935								1.84	1147	56C	HB382CN56C-18	GIF1838A	795	GB	29	
					936	1248	1872						3.12	1947	140TC	HB382CN140TC-18	GIF1838B	795	GB	31	
						1264	1896						4.86	3071	140TC	HB482CN140TC-18	GIF1848B	1103	GB	54	
						1264	1896	3162					5.91	3738	180TC	HB482CN180TC-18	GIF1848C	1257	GB	55	
							1776	2961	4441				9.95	5892	180TC	HB682CN180TC-18	GIF1868C	1970	GB	93	
70										2963	4444	5926	11.95	7081	210TC	HB682CN210TC-18	GIF1868D	1970	GB	101	
											6219	9329	12438	23.91	14870	250TC	HB882CN250TC-18	GIF1888E	3037	GB	229
		440	660	880									1.41	1241	56C	HB382CN56C-25	GIF2538A	795	GB	29	
				881	1321	1762							2.21	1947	140TC	HB382CN140TC-25	GIF2538B	795	GB	31	
					1435	1913	2869						3.92	3749	140TC	HB482CN140TC-25	GIF2548B	1103	GB	54	
						1910	2865						4.17	3983	180TC	HB482CN180TC-25	GIF2548C	1257	GB	55	
							2759	4598	6897				7.70	7081	180TC	HB682CN180TC-25	GIF2568C	1970	GB	93	
44										6755	9007	13510	16.51	14870	210TC	HB882CN210TC-25	GIF2588D	2862	GB	178	
										6755	9007	13510	16.51	14870	250TC	HB882CN250TC-25	GIF2588E	3037	GB	229	
		465	705	1057									0.95	1339	56C	HB382CN56C-40	GIF4038A	801	GB	29	
			746	1118	1491								1.12	1670	56C	HB482CN56C-40	GIF4048A	1103	GB	52	
					1486	2229	2972						2.68	3983	140TC	HB482CN140TC-40	GIF4048B	1103	GB	54	
33											2718	4077	6796	5.21	7081	180TC	HB682CN180TC-40	GIF4068C	1970	GB	93
											6710	10065	13421	11.08	14870	210TC	HB882CN210TC-40	GIF4088D	3037	GB	178
		691	1047	1570									0.93	1947	56C	HB383CN56C-56	GIF5638A	960	GB	29	
				1509	2012	3017							1.98	3983	56C	HB483CN56C-56	GIF5648A	1210	GB	52	
					2601	3468	5203					3.04	5272	140TC	HB682CN140TC-50	GIF5068B	1817	GB	92		
						3655	5483	9138				5.58	10198	180TC	HB882CN180TC-50	GIF5088C	2862	GB	178		

**NOTE:**   Service Class I Torque Ratings (1.0 Service Factor)  
  Service Class II Torque Ratings (≥ 1.4 Service Factor)  
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### Ratio Multiplier – Inline – Quill Type Solid Shaft

2 Sizes

56C thru 140TC

**Applications:** Reducer or Increaser. Combine with Right Angle units for high ratios. May also be used as a stand alone with optional base kits.

**Features:** High efficiency. Cast iron construction, universal mounting positions, and optional base mounting. Internal compression chamber eliminates breather vent. Lubricated for life with Klubersynth GH6-150.



Size	Output RPM @ 1750 RPM in.	Gear Ratio	Input Style	Output Style	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Type
1	875	2:1	56C	56C	GCF2X01AA	365	GB	19	FX1-2-B5-56C
	583	3:1	56C	56C	GCF3X01AA	365	GB	19	FX1-3-B5-56C
	438	4:1	56C	56C	GCF4X01AA	365	GB	19	FX1-4-B5-56C
	350	5:1	56C	56C	GCF5X01AA	365	GB	19	FX1-5-B5-56C
2	875	2:1	140TC	140TC	GCF2X02BB	440	GB	22	FX2-2-B7-140TC
	583	3:1	140TC	140TC	GCF3X02BB	440	GB	22	FX2-3-B7-140TC
	438	4:1	140TC	140TC	GCF4X02BB	440	GB	22	FX2-4-B7-140TC
	350	5:1	56C	140TC	GCF5X02AB	440	GB	22	FX2-5-B5-140TC
	350	5:1	140TC	140TC	GCF5X02BB	440	GB	22	FX2-5-B7-140TC

### Ratings at 1750 RPM Input

Size	Ratio	Output RPM	Input Hp	Output Hp	Output Torque	Output Shaft OHL
1	2:1	875	2.06	1.96	141	173
	3:1	583	1.70	1.62	175	203
	4:1	438	1.50	1.42	205	224
	5:1	350	1.13	1.08	194	247
2	2:1	875	12.42	12.17	877	445
	3:1	583	8.68	8.42	911	445
	4:1	438	6.34	6.15	885	445
	5:1	350	5.40	5.17	931	360



BRMX01 with Style SX1 Ratio Multiplier



Ratio Multiplier with F900 Series Reducer

### Optional Base Kit

Size	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
1	BRMX01	46	A8	6
2	BRMX02	81	A8	6

### 900 Series – Right Angle Base Kits



Horizontal Base



J Base



Vertical Base



Washdown Base

### Universal Series – Right Angle Base Kits



Base Description	Size (Position)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
HORIZ.	913 (A,B)	B13H71	46	A8	3
VERT. low	913 (D,F)	B13V81	81	A8	2
VERT. high	913 (C,E)	B13V91	82	A8	3
VERT. J	913 (X,Y)	B13J92	79	A8	3
HORIZ.	915 (A,B)	B15H71	32	A8	4
VERT. low	915 (D,F)	B18V81	83	A8	3
VERT. high	915 (C,E)	B18V91	84	A8	3
VERT. J	915 (X,Y)	B18J92	82	A8	6
HORIZ.	918 (A,B)	B18H71	55	A8	6
VERT. low	918 (D,F)	B18V81	83	A8	3
VERT. high	918 (C,E)	B18V91	84	A8	3
VERT. J	918 (X,Y)	B18J92	82	A8	6
HORIZ.	921G (A,B)	B21GH71	57	A8	5
HORIZ.	921 (A,B)	B21H71	60	A8	6
VERT. low	921 (D,F)	B21V81	91	A8	4
VERT. high	921 (C,E)	B21V91	93	A8	6
VERT. J	921 (X,Y)	B21J92	91	A8	7
HORIZ.	924 (A,B)	B24H71	72	A8	8
VERT. low	924 (D,F)	B24V81	103	A8	4
VERT. high	924 (C,E)	B24V91	110	A8	6
VERT. J	924 (X,Y)	B24J92	103	A8	9
HORIZ.	926 (A,B)	B26H71	81	A8	9
VERT. low	926 (D,F)	B26V81	138	A8	6
VERT. high	926 (C,E)	B26V91	140	A8	9
VERT. J	926 (X,Y)	B26J92	138	A8	10
HORIZ.	930 (A,B)	B30H71	92	A8	4
VERT. low	930 (D,F)	B30V81	138	A8	8
VERT. high	930 (C,E)	B30V91	140	A8	16
HORIZ.	932 (A,B)	B32H71	109	A8	13
VERT. low	932 (D,F)	B32V81	162	A8	10
VERT. high	932 (C,E)	B32V91	166	A8	13
HORIZ.	938 (A,B)	B38H71	131	A8	15
VERT. low	938 (D,F)	B38V81	196	A8	38
VERT. high	938 (C,E)	B38V91	205	A8	36
<b>Optional Washdown Base Kits</b>					
HORIZ.	913 (A,B)	WDB13H71	60	A8	3
HORIZ.	915 (A,B)	WDB15H71	60	A8	4
HORIZ.	918 (A,B)	WDB18H71	74	A8	6
HORIZ.	921 (A,B)	WDB21H71	78	A8	6
HORIZ.	924 (A,B)	WDB24H71	85	A8	8
HORIZ.	926 (A,B)	WDB26H71	96	A8	9
HORIZ.	930 (A,B)	WDB30H71	107	A8	6
HORIZ.	932 (A,B)	WDB32H71	125	A8	13
<b>Optional Stainless Steel Base Kits</b>					
HORIZ.	918 (A,B)	SSB18H71	275	A8	8
HORIZ.	921 (A,B)	SSB21H71	286	A8	10
HORIZ.	926 (A,B)	SSB26H71	316	A8	13

Kit includes angle bases and hardware. Converts style STF to SVF.

Size	NEMA Flange	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
133-175	56C/140TC	B1317V81	82	A8	2
200-225	56C/140TC	B2022V81	85	A8	3
258-300	56C/140TC	B2530V81	132	A8	4
258-300	180TC	B2530V91	134	A8	6
350	56C/140TC 180TC/210TC	B3500V81	154	A8	5

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