

### Universal Series – Right Angle – Quill Type – Solid Shaft



GSF2018AA Shown

### 1.33 thru 3.50 CD

### 56C thru 180TC

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

**Features:** Heavy duty cast iron housings, forged bronze worm gears, hardened steel worms, ball bearing on input shaft, tapered roller bearings on output shaft. Integral heavy duty mounting feet cast on top and bottom of housing. Single output shaft, right hand facing input shaft. Pre-lubricated with Klubersynth UH1-6-460.

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									
175	10:1			109	163							0.64	207	56C	STF-133-10-A-A	GSF1013AA	598	GB	21	
						245	327					1.22	396	56C	STF-175-10-A-A	GSF1018AA	655	GB	22	
						245	327					1.22	396	140TC	STF-175-10-B-A	GSF1018BA	655	GB	23	
						244	325	488				1.77	572	56C	STF-200-10-A-A	GSF1020AA	781	GB	30	
							325	488				1.77	572	140TC	STF-200-10-B-A	GSF1020BA	781	GB	29	
							325	488	651			2.44	788	140TC	STF-225-10-B-A	GSF1023BA	886	GB	32	
								488	651			3.43	1109	140TC	STF-258-10-B-A	GSF1026BA	1,130	GB	46	
									651	976		3.43	1109	180TC	STF-258-10-C-A	GSF1026CA	1,130	GB	55	
117	15:1			119	159							0.46	221	56C	STF-133-15-A-A	GSF1513AA	598	GB	21	
					159	239	359					0.87	416	56C	STF-175-15-A-A	GSF1518AA	655	GB	23	
						238	357	475				1.28	605	56C	STF-200-15-A-A	GSF1520AA	781	GB	29	
							359	478	717			1.84	875	56C	STF-225-15-A-A	GSF1523AA	886	GB	37	
								478	717			1.84	875	140TC	STF-225-15-B-A	GSF1523BA	886	GB	33	
								478	717	956		2.50	1188	140TC	STF-258-15-B-A	GSF1526BA	1,130	GB	51	
									717	956		3.25	1544	140TC	STF-300-15-B-A	GSF1530BA	1,291	GB	57	
										717	956	1434	3.25	1544	180TC	STF-300-15-C-A	GSF1530CA	1,291	GB	61
88	20:1		102	154	205							0.36	220	56C	STF-133-20-A-A	GSF2013AA	598	GB	24	
					205	308						0.68	419	56C	STF-175-20-A-A	GSF2018AA	655	GB	23	
						308	462	616				1.00	612	56C	STF-200-20-A-A	GSF2020AA	781	GB	30	
						308	462	616				1.00	612	140TC	STF-200-20-B-A	GSF2020BA	781	GB	28	
						309	463	617				1.35	8.28	56C	STF-225-20-A-A	GSF2023AA	886	GB	37	
						309	463	617				1.35	8.28	140TC	STF-225-20-B-A	GSF2023BA	886	GB	33	
							461	615	923			1.92	1174	56C	STF-258-20-A-A	GSF2026AA	1,130	GB	51	
								615	923			1.92	1174	140TC	STF-258-20-B-A	GSF2026BA	1,130	GB	51	
									615	923	1230	2.52	1541	140TC	STF-300-20-B-A	GSF2030BA	1,291	GB	57	
										923	1230	2.52	1541	180TC	STF-300-20-C-A	GSF2030CA	1,291	GB	62	
											1230	1845	3.89	2363	180TC	STF-350-20-C-A	GSF2035CA	1,771	GB	90

**NOTE:**   Service Class I Torque Ratings (1.0 Service Factor) See notes on inside back flap.  
  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.

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Servo Motors and Controls

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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	598	GB	21
			186	247	371							0.55	406	56C	STF-175-25-A-A	GSF2518AA	655	GB	23
				247	371	557						0.81	601	56C	STF-200-25-A-A	GSF2520AA	781	GB	29
					375	563	751					1.09	814	56C	STF-225-25-A-A	GSF2523AA	886	GB	33
							744	1114	1489			2.08	1539	140TC	STF-300-25-B-A	GSF2530BA	1,291	GB	56
58	30:1	145	218								0.24	214	56C	STF-133-30-A-A	GSF3013AA	598	GB	21	
			218	289							0.47	406	56C	STF-175-30-A-A	GSF3018AA	655	GB	22	
				289	435	652					0.77	665	56C	STF-200-30-A-A	GSF3020AA	781	GB	30	
					435	652					0.98	847	56C	STF-225-30-A-A	GSF3023AA	886	GB	33	
						435	652	869			1.35	1166	56C	STF-258-30-A-A	GSF3026AA	1,130	GB	50	
							869	1304			1.74	1501	140TC	STF-300-30-B-A	GSF3030BA	1,291	GB	57	
44	40:1										2.82	2443	140TC	STF-350-30-B-A	GSF3035BA	1,771	GB	82	
		181									0.19	206	56C	STF-133-40-A-A	GSF4013AA	598	GB	21	
		180	272	362							0.36	389	56C	STF-175-40-A-A	GSF4018AA	655	GB	11	
			272	362	543						0.52	568	56C	STF-200-40-A-A	GSF4020AA	781	GB	30	
				364	547						0.71	772	56C	STF-225-40-A-A	GSF4023AA	886	GB	33	
					545	817	1090				1.01	1095	56C	STF-258-40-A-A	GSF4026AA	1,130	GB	51	
					542	815	1087				1.36	1470	56C	STF-300-40-A-A	GSF4030AA	1,291	GB	57	
35	50:1										1.36	1470	140TC	STF-300-40-B-A	GSF4030BA	1,291	GB	57	
						1087	1630	2173			2.24	2405	140TC	STF-350-40-B-A	GSF4035BA	1,771	GB	83	
		210									0.15	191	56C	STF-133-50-A-A	GSF5013AA	598	GB	21	
		210	316								0.28	360	56C	STF-175-50-A-A	GSF5018AA	655	GB	23	
		211	317	423							0.42	536	56C	STF-200-50-A-A	GSF5020AA	781	GB	30	
			317	422							0.55	693	56C	STF-225-50-A-A	GSF5023AA	886	GB	33	
				422	634	951					0.79	995	56C	STF-258-50-A-A	GSF5026AA	1,130	GB	51	
29	60:1										1.07	1350	140TC	STF-300-50-B-A	GSF5030BA	1,291	GB	57	
					634	952	1270				1.75	2196	140TC	STF-350-50-B-A	GSF5035BA	1,771	GB	86	
					952	1270	1904												
		235									0.24	343	56C	STF-175-60-A-A	GSF6018AA	655	GB	23	
		234	353	470							0.36	505	56C	STF-200-60-A-A	GSF6020AA	781	GB	29	
29	60:1		346	461	692					0.51	702	56C	STF-225-60-A-A	GSF6023AA	886	GB	33		
				470	706						0.69	976	56C	STF-258-60-A-A	GSF6026AA	1,130	GB	51	
					706	1059					0.84	1179	56C	STF-300-60-A-A	GSF6030AA	1,291	GB	56	
						1059	1413	2119			1.50	2128	140TC	STF-350-60-B-A	GSF6035BA	1,771	GB	83	

**NOTE:**  Service Class I Torque Ratings (1.0 Service Factor)  
 Service Class II Torque Ratings ( $\geq 1.4$  Service Factor)  
 Service Class III Torque Ratings ( $\geq 2.0$  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.

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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