

High Speed Shaft Type G Coupling Selections

Introduction

Mounting dimensions and coupling selections (1000G10 or G20) are for standard type FZ drives with standard 1750 rpm, single speed, AC, NEMA motors on standard motor brackets.

Type T or TS frame motors can be used on the slotted brackets and positioned for the shaft gaps tabulated.

Tabulations are given for drives with and without fans and with external backstops without fan (2100-2130FZ). Drives with external backstops have longer high speed shaft extensions. Blank brackets will be furnished without extra charge for gear drive selections with standard couplings and external backstops as listed in Table 3. Internal backstops do not affect coupling selections or mounting dimensions.

Coupling keyways are standard for all selections. Standard drive shaft diameters and key sizes are tabulated on Page 6.

TABLE 1 — Without Fan

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
1 HP 143T .875" 3/16 x 3/32	2040F2	1010	.41	NONE ★	NONE ★
	2040F3	1010	.24	.12	NONE
	2040F4	1010	1.24	.42 ★	.42 ★
	2050F3	1010	.12	NONE	NONE
	2050F4	1010	1.00	.60 ★	NONE ★
	2060F3	1010	.12	NONE	NONE
	2060F4	1010	.50	.10 ★	NONE ★
	2070F4	1010	.24	.12	NONE
	2080F4	1010	.12	NONE	NONE
	2090F4	1010	.12	NONE	NONE
1 1/2 HP 145T .875" 3/16 x 3/32	2040F2	1010	.41	NONE ★	NONE ★
	2040F3	1010	.24	.12	NONE
	2040F4	1010	1.25	.42 ★	.42 ★
	2050F3	1010	.12	NONE	NONE
	2050F4	1010	1.00	.60 ★	NONE ★
	2060F3	1010	.12	NONE	NONE
	2060F4	1010	.50	.10 ★	NONE ★
	2070F4	1010	.24	.12	NONE
	2080F4	1010	.12	NONE	NONE
	2090F4	1010	.12	NONE	NONE
2100F4	1010	.82	NONE ★	.42 ★	
2 HP 145T .875" 3/16 x 3/32	2040F2	1010	.41	NONE ★	NONE ★
	2040F3	1010	.24	.12	NONE
	2050F3	1010	.12	NONE	NONE
	2050F4	1010	1.01	.60 ★	NONE ★
	2060F3	1010	.12	NONE	NONE
	2060F4	1010	.50	.10 ★	NONE ★
	2070F4	1010	.24	.12	NONE
	2080F4	1010	.12	NONE	NONE
	2090F4	1010	.12	NONE	NONE
	2100F4	1010	.82	NONE ★	.42 ★
2110F4	1010	1.02	NONE ★	.62 ★	
3 HP 182T 1.125" 1/4 x 1/8	2040F2	1010	.12	NONE	NONE
	2040F3	1010	.12	NONE	NONE
	2050F3	1010	.12	NONE	NONE
	2050F4	1010	.66	NONE ★	.25 ★
	2060F3	1010	.12	NONE	NONE
	2060F4	1010	.12	NONE	NONE
	2070F3	1010	.52	NONE ★	.12 ★
	2070F4	1010	.12	NONE	NONE
	2080F4	1010	.12	NONE	NONE
	2090F4	1010	.12	NONE	NONE
2100F4	1010	.30	NONE	.18	
2110F4	1010	.52	NONE ★	.12 ★	
2120F4	1015	.42	NONE	.30	

★ Reverse coupling hub.

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
5 HP 184T 1.125" 1/4 x 1/8	2040F2	1010	.12	NONE	NONE
	2040F3	1010	.12	NONE	NONE
	2050F2	1010	.12	NONE	NONE
	2050F3	1010	.12	NONE	NONE
	2060F3	1010	.12	NONE	NONE
	2060F4	1010	.12	NONE	NONE
	2070F3	1010	.52	NONE ★	.12 ★
	2070F4	1010	.12	NONE	NONE
	2080F3	1015	.12	NONE	NONE
	2080F4	1010	.12	NONE	NONE
	2090F3	1015	.12	NONE	NONE
	2090F4	1010	.12	NONE	NONE
	2100F4	1010	.30	NONE	.18
	2110F4	1010	.52	NONE ★	.12 ★
	2120F4	1015	.42	NONE	.30
	2130F4	1015	.42	NONE	.30
7 1/2 HP 213T 1.375" 5/16 x 3/32	2040F2	1010	.72	.37 ★	NONE ★
	2040F3	1010	.91	.25 ★	.25 ★
	2050F2	1010	.24	NONE	.12
	2050F3	1010	.24	NONE	.12
	2060F2	1010	.42	NONE	.30
	2060F3	1010	.24	NONE	.12
	2070F3	1010	.12	NONE	NONE
	2070F4	1010	.91	.25 ★	.25 ★
	2080F3	1015	.24	NONE	.12
	2080F4	1010	.24	NONE	.12
	2090F3	1015	.24	NONE	.12
	2090F4	1010	.24	NONE	.12
	2100F3	1015	.12	NONE	NONE
	2100F4	1010	.36	NONE	.24
	2110F4	1010	.12	NONE	NONE
	2120F4	1015	.12	NONE	NONE
2130F4	1015	.12	NONE	NONE	
10 HP 215T 1.375" 5/16 x 3/32	2040F2	1010	.72	.37 ★	NONE ★
	2040F3	1010	.91	.25 ★	.25 ★
	2050F2	1010	.24	NONE	.12
	2050F3	1010	.24	NONE	.12
	2060F2	1010	.42	NONE	.30
	2060F3	1010	.24	NONE	.12
	2070F3	1010	.12	NONE	NONE
	2080F3	1015	.24	NONE	.12
	2080F4	1010	.24	NONE	.12
	2090F3	1015	.24	NONE	.12
	2090F4	1010	.24	NONE	.12
	2100F3	1015	.12	NONE	NONE
	2100F4	1010	.36	NONE	.24
	2110F4	1010	.12	NONE	NONE
	2120F4	1015	.12	NONE	NONE
	2130F4	1015	.12	NONE	NONE
15 HP 254T 1.625" 3/8 x 3/16	2040F2	1010	1.37	.25 ★	NONE ★
	2050F2	1010	.87	.25 ★	NONE
	2050F3	1010	.41	NONE ★	NONE ★
	2060F2	1010	.40	NONE ★	NONE ★
	2060F3	1010	.87	.25 ★	NONE
	2070F2	1015	.12	NONE	NONE
	2070F3	1010	.62	NONE ★	.27 ★
	2080F3	1015	.24	.12	NONE
	2090F3	1015	.24	.12	NONE
	2090F4	1010	.91	.25 ★	.25 ★
	2100F3	1015	.12	NONE	NONE
	2100F4	1010	.38	.12 ★	NONE
	2110F3	1015	.12	NONE	NONE
	2110F4	1010	.62	NONE ★	.22 ★
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	.50	NONE	.38
2130F4	1015	.50	NONE	.38	

★ Reverse coupling hub.

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
20 HP 256T 1.625" 3/8 x 3/16	2040F2	1010	1.37	.25 ★	NONE ★
	2050F2	1010	.87	.25 ★	NONE
	2060F2	1010	.40	NONE ★	NONE ★
	2060F3	1010	.87	.25 ★	NONE
	2070F2	1015	.12	NONE	NONE
	2070F3	1010	.62	NONE ★	.22 ★
	2080F2	1015	.24	NONE	.12
	2080F3	1015	.24	.12	NONE
	2090F3	1015	.24	.12	NONE
	2100F3	1015	.12	NONE	NONE
	2100F4	1010	.39	.12 ★	NONE
	2110F3	1015	.12	NONE	NONE
	2110F4	1010	.62	NONE ★	.22 ★
	2120F3	1015	.12	NONE	NONE
2120F4	1015	.50	NONE	.38	
2130F4	1015	.50	NONE	.38	
25 HP 284T 1.875" 1/2 x 1/4	2040F2	1010	.74	.34 ★	NONE ★
	2050F2	1010	.24	.12	NONE
	2060F2	1010	.40	NONE ★	NONE ★
	2060F3	1010	.27	NONE ★	NONE
	2070F2	1015	.12	NONE	NONE
	2070F3	1010	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2080F3	1015	.24	NONE	.12
	2090F3	1015	.24	NONE	.12
	2100F3	1015	.12	NONE	NONE
	2100F4	1010	.12	NONE	NONE
	2110F3	1015	.12	NONE	NONE
	2110F4	1010	.12	NONE	NONE
	2120F3	1015	.12	NONE	NONE
2120F4	1015	.12	NONE	NONE	
2130F3	1015	.12	NONE	NONE	
2130F4	1015	.12	NONE	NONE	
25 HP 284TS 1.625" 3/8 x 3/16	2040F2	1010	.87	.25 ★	NONE
	2050F2	1010	.40	NONE ★	NONE ★
	2060F2	1010	1.12	NONE ★	NONE ★
	2060F3	1010	.41	NONE ★	NONE ★
	2070F2	1015	.62	NONE ★	NONE
	2070F3	1010	1.36	.24 ★	NONE ★
	2080F2	1015	.62	NONE ★	NONE
	2080F3	1015	1.00	NONE ★	.38
	2090F3	1015	1.00	NONE ★	.38
	2100F3	1015	.88	NONE ★	.25
	2100F4	1010	.12	NONE	NONE
	2110F3	1015	.88	NONE ★	.25
	2110F4	1010	.12	NONE	NONE
	2120F3	1015	.62	NONE ★	NONE
2120F4	1015	1.24	NONE ★	.12 ★	
2130F3	1015	.62	NONE ★	NONE	
2130F4	1015	1.24	NONE ★	.12 ★	
30 HP 286T 1.875" 1/2 x 1/4	2040F2	1010	.74	.34 ★	NONE ★
	2050F2	1010	.24	.12	NONE
	2060F2	1010	.40	NONE ★	NONE ★
	2060F3	1010	.27	NONE ★	NONE
	2070F2	1015	.12	NONE	NONE
	2070F3	1010	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2080F3	1015	.24	NONE	.12
	2090F2	1020	.12	NONE	NONE
	2090F3	1015	.24	NONE	.12
	2100F3	1015	.12	NONE	NONE
	2100F4	1010	.12	NONE	NONE
	2110F3	1015	.12	NONE	NONE
	2110F4	1010	.12	NONE	NONE
2120F3	1015	.12	NONE	NONE	
2120F4	1015	.12	NONE	NONE	
2130F3	1015	.12	NONE	NONE	
2130F4	1015	.12	NONE	NONE	

★ Reverse coupling hub.

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
30 HP 286TS 1.625" 3/8 x 3/16	2040F2	1010	.87	.25 ★	NONE
	2050F2	1010	.40	NONE ★	NONE ★
	2060F2	1010	1.12	NONE ★	NONE ★
	2060F3	1010	.41	NONE ★	NONE ★
	2070F2	1015	.62	NONE ★	NONE
	2070F3	1010	1.36	.24 ★	NONE ★
	2080F2	1015	.62	NONE ★	NONE
	2080F3	1015	1.00	NONE ★	.38
	2090F2	1020	.12	NONE	NONE
	2090F3	1015	1.00	NONE ★	.38
	2100F3	1015	.88	NONE ★	.25
	2100F4	1010	.12	NONE	NONE
	2110F3	1015	.88	NONE ★	.25
	2110F4	1010	.12	NONE	NONE
2120F3	1015	.62	NONE ★	NONE	
2120F4	1015	1.24	NONE ★	.12 ★	
2130F3	1015	.62	NONE ★	NONE	
2130F4	1015	1.24	NONE ★	.12 ★	
40 HP 324T 2.125" 1/2 x 1/4	2050F2	1010	.24	.12	NONE
	2060F2	1015	.12	NONE	NONE
	2070F2	1010	.12	NONE	NONE
	2070F3	1015	.12	NONE	NONE
	2080F2	1015	.24	NONE	.12
	2080F3	1015	.24	.12	NONE
	2090F2	1020	.12	NONE	NONE
	2090F3	1015	.24	.12	NONE
	2100F3	1015	.12	NONE	NONE
	2110F3	1015	.12	NONE	NONE
	2110F4	1015	.12	NONE	NONE
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	.12	NONE	NONE
	2130F3	1015	.12	NONE	NONE
2130F4	1015	.12	NONE	NONE	
40 HP 324TS 1.875" 1/2 x 1/4	2050F2	1010	1.12	NONE ★	NONE ★
	2060F2	1010	.62	NONE ★	NONE
	2070F2	1015	.12	NONE	NONE
	2070F3	1010	.41	NONE ★	NONE ★
	2080F2	1015	.12	NONE	NONE
	2080F3	1015	.62	NONE ★	NONE
	2090F2	1020	.24	NONE	.12
	2090F3	1015	.62	NONE ★	NONE
	2100F3	1015	.38	NONE	.24
	2110F3	1015	.38	NONE	.24
	2110F4	1015	1.12	NONE ★	NONE ★
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	1.12	NONE ★	NONE ★
	2130F3	1015	.12	NONE	NONE
2130F4	1015	1.12	NONE ★	NONE ★	
50 HP 326T 2.125" 1/2 x 1/4	2050F2	1015	.24	.12	NONE
	2060F2	1015	.12	NONE	NONE
	2070F2	1015	.12	NONE	NONE
	2080F2	1015	.24	NONE	.12
	2080F3	1015	.24	.12	NONE
	2090F2	1020	.12	NONE	NONE
	2090F3	1015	.24	.12	NONE
	2100F2	1020	.12	NONE	NONE
	2100F3	1015	.12	NONE	NONE
	2110F3	1015	.12	NONE	NONE
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	.12	NONE	NONE
	2130F3	1015	.12	NONE	NONE
	2130F4	1015	.12	NONE	NONE

★ Reverse coupling hub.

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
50 HP 326TS 1.875" 1/2 x 1/4	2050F2	1010	1.12	NONE ★	NONE ★
	2060F2	1010	.62	NONE ★	NONE
	2070F2	1015	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2080F3	1015	.62	NONE ★	NONE
	2090F2	1020	.24	NONE	.12
	2090F3	1015	.62	NONE ★	NONE
	2100F2	1020	.24	NONE	.12
	2100F3	1015	.38	NONE	.24
	2110F3	1015	.38	NONE	.24
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	1.12	NONE ★	NONE ★
2130F3	1015	.12	NONE	NONE	
2130F4	1015	1.12	NONE ★	NONE ★	
60 HP 364T 2.375" 5/8 x 5/16	2060F2	1015	.12	NONE	NONE
	2070F2	1015	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2080F3	1015	.12	NONE	NONE
	2090F2	1020	.12	NONE	NONE
	2090F3	1015	.12	NONE	NONE
	2100F2	1020	.12	NONE	NONE
	2100F3	1015	.12	NONE	NONE
	2110F3	1015	.12	NONE	NONE
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	.12	NONE	NONE
	2130F3	1015	.12	NONE	NONE
2130F4	1015	.12	NONE	NONE	
60 HP 364TS 1.875" 1/2 x 1/4	2060F2	1010	.62	NONE ★	NONE
	2070F2	1015	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2080F3	1015	.62	NONE ★	NONE
	2090F2	1020	.24	NONE	.12
	2090F3	1015	.62	NONE	NONE
	2100F2	1020	.24	NONE	.12
	2100F3	1015	.38	NONE	.26
	2110F3	1015	.38	NONE	.26
	2120F3	1015	.12	NONE	NONE
	2120F4	1015	1.12	NONE ★	NONE ★
	2130F3	1015	.12	NONE	NONE
2130F4	1015	1.12	NONE ★	NONE ★	
75 HP 365T 2.375" 5/8 x 5/16	2060F2	1015	.12	NONE	NONE
	2070F2	1015	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2090F2	1020	.12	NONE	NONE
	2090F3	1015	.12	NONE	NONE
	2100F2	1020	.12	NONE	NONE
	2100F3	1015	.12	NONE	NONE
	2110F2	1025	.18	NONE	NONE
	2110F3	1015	.12	NONE	NONE
	2120F3	1015	.12	NONE	NONE
	2130F3	1015	.12	NONE	NONE
	2130F4	1015	.12	NONE	NONE
75 HP 365TS 1.875" 1/2 x 1/4	2060F2	1010	.62	NONE ★	NONE
	2070F2	1015	.12	NONE	NONE
	2080F2	1015	.12	NONE	NONE
	2090F2	1020	.24	NONE	.12
	2090F3	1015	.62	NONE ★	NONE
	2100F2	1020	.24	NONE	.12
	2100F3	1015	.38	NONE	.26
	2110F2	1025	.18	NONE	NONE
	2110F3	1015	.38	NONE	.26
	2120F3	1015	.12	NONE	NONE
	2130F3	1015	.12	NONE	NONE
	2130F4	1015	1.12	NONE ★	NONE ★

★ Reverse coupling hub.

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
100 HP 404T 2.875" 3/4 x 3/8	2070F2	1020	.12	NONE	NONE
	2080F2	1020	.12	NONE	NONE
	2090F2	1020	.12	NONE	NONE
	2100F2	1020	.12	NONE	NONE
	2100F3	1020	.12	NONE	NONE
	2110F2	1025	.18	NONE	NONE
	2110F3	1020	.12	NONE	NONE
	2120F2	1025	.18	NONE	NONE
	2120F3	1020	.12	NONE	NONE
	2130F3	1020	.12	NONE	NONE
100 HP 404TS 2.125" 1/2 x 1/4	2070F2	1015	.74	.62	NONE
	2080F2	1015	.62	NONE ★	NONE
	2090F2	1020	.38	NONE	.26
	2100F2	1020	.12	NONE	NONE
	2100F3	1015	1.12	NONE	NONE
	2110F3	1015	1.12	NONE ★	NONE ★
	2120F2	1025	.18	NONE	NONE
125 HP 405T 2.875" 3/4 x 3/8	2070F2	1020	.12	NONE	NONE
	2080F2	1020	.12	NONE	NONE
	2090F2	1020	.12	NONE	NONE
	2100F2	1020	.12	NONE	NONE
	2100F3	1020	.12	NONE	NONE
	2110F2	1025	.18	NONE	NONE
	2110F3	1020	.12	NONE	NONE
	2120F2	1025	.18	NONE	NONE
	2120F3	1020	.12	NONE	NONE
	2130F2	1025	.38	NONE	.20
125 HP 405TS 2.125" 1/2 x 1/4	2070F2	1015	.74	.62	NONE
	2080F2	1015	.62	NONE ★	NONE
	2090F2	1020	.38	NONE	.26
	2100F2	1020	.12	NONE	NONE
	2100F3	1020	1.12	NONE	NONE
	2110F2	1025	.18	NONE	NONE
	2110F3	1015	1.12	NONE ★	NONE ★
	2120F2	1025	.18	NONE	NONE
	2120F3	1015	.88	NONE ★	.24
	2130F2	1025	.18	NONE	NONE
150 HP 444T 3.375" 7/8 x 7/16	2080F2	1025	.19	NONE	NONE
	2090F2	1025	.19	NONE	NONE
	2100F2	1025	.19	NONE	NONE
	2110F2	1025	.18	NONE	NONE
	2110F3	1025	.51	.32	NONE
	2120F2	1025	.18	NONE	NONE
	2120F3	1025	.18	NONE	NONE
150 HP 444TS 2.375" 5/8 x 5/16	2080F2	1015	.12	NONE	NONE
	2090F2	1020	.37	.25	NONE
	2100F2	1020	.12	NONE	NONE
	2110F2	1025	.18	NONE	NONE
	2110F3	1015	.62	NONE ★	NONE
	2120F2	1025	.18	NONE	NONE
	2120F3	1015	.37	.25	NONE
150 HP 444T 3.375" 7/8 x 7/16	2130F2	1025	.18	NONE	NONE
	2130F3	1015	.37	.25	NONE

★ Reverse coupling hub.

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kwty.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
200 HP 445T 3.375" 7/8 x 7/16	2080F2	1025	.19	NONE	NONE
	2090F2	1025	.19	NONE	NONE
	2100F2	1025	.19	NONE	NONE
	2110F2	1025	.19	NONE	NONE
	2110F3	1025	.51	.32	NONE
	2120F2	1025	.19	NONE	NONE
	2130F2	1025	.19	NONE	NONE
2130F3	1025	.18	.18	NONE	
200 HP 445TS 2.375" 5/8 x 5/16	2080F2	1015	.12	NONE	NONE
	2090F2	1020	.37	.25	NONE
	2100F2	1020	.12	NONE	NONE
	2110F2	1025	.19	NONE	NONE
	2110F3	1015	.62	NONE	NONE
	2120F2	1025	.19	NONE	NONE
	2120F3	1015	.37	.25	NONE
	2130F2	1025	.19	NONE	NONE
	2130F3	1015	.37	.25	NONE

TABLE 2 — With Fan

Motor HP, Frame, Shaft Dia. & Kwty.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
60 HP 364T 2.375" 5/8 x 5/16	2060F2	1015	1.56	.44 ★	NONE ★
	2070F2	1015	1.13	NONE ★	NONE ★
60 HP 364TS 1.875" 1/2 x 1/4	2060F2	1010	2.12	.70 ★	.38 ★
	2070F2	1015	2.01	.35 ★	.53 ★
75 HP 365T 2.375" 5/8 x 5/16	2060F2	1015	1.56	.44 ★	NONE ★
	2070F2	1015	1.13	NONE ★	NONE ★
	2080F2	1015	.12	NONE	NONE
	2090F2†	1020	1.05	NONE ★	NONE ★
75 HP 365TS 1.875" 1/2 x 1/4	2060F2	1020	2.12	.70 ★	.38★
	2070F2	1015	2.01	.35 ★	.53 ★
	2080F2	1015	1.62	.25 ★	.25 ★
	2090F2†	1020	1.55	NONE ★	.50 ★
100 HP 404T 2.875" 3/4 x 3/8	2070F2	1020	1.27	.69 ★	NONE
	2080F2	1020	1.30	.25 ★	NONE ★
	2090F2	1020	1.43	.38 ★	NONE ★
	2100F2	1020	1.29	.25 ★	NONE ★
	2100F3	1020	1.21	.62 ★	NONE
100 HP 404TS 2.125" 1/2 x 1/4	2070F2	1025	2.77	1.19 ★	.25 ★
	2080F2	1025	2.83	1.25 ★	.25 ★
	2090F2	1025	2.58	1.00 ★	.25 ★
	2100F2	1025	2.46	.88 ★	.25 ★
	2100F3	1020	1.92	.62 ★	.25 ★
125 HP 405T 2.875" 3/4 x 3/8	2070F2	1020	1.27	.69 ★	NONE
	2080F2	1020	1.30	.25 ★	NONE ★
	2090F2	1020	1.43	.38 ★	NONE ★
	2100F2	1020	1.29	.25 ★	NONE ★
	2100F3	1020	1.21	.62 ★	NONE

TABLE 2 — With Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kwty.	DRIVE SIZE	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
125 HP 405TS 2.125" 1/2 x 1/4	2070F2	1015	2.77	1.19 ★	.25 ★
	2080F2	1025	2.83	1.25 ★	.25 ★
	2090F2	1025	2.58	1.00 ★	.25 ★
	2100F2	1025	2.46	.88 ★	.25 ★
	2100F3	1020	1.92	.62 ★	.25 ★
150 HP 444T 3.375" 7/8 x 7/16	2080F2	1025	2.01	1.25 ★	NONE
	2090F2	1025	1.76	1.00 ★	NONE
	2100F2	1025	1.64	.88 ★	NONE
	2110F3	1025	1.76	1.00 ★	NONE
	2120F3	1025	1.76	1.00 ★	NONE
2130F3	1025	1.76	1.00 ★	NONE	
150 HP 444TS 2.375" 5/8 x 5/16	2080F2	1015	2.45	1.12 ★	NONE ★
	2090F2	1025	2.01	1.00 ★	.25
	2100F2	1025	2.46	.88 ★	.25 ★
	2110F3	1015	1.12	NONE ★	NONE ★
	2120F3	1020	1.43	.38 ★	NONE ★
2130F3	1020	1.43	.38 ★	NONE ★	
200 HP 445T 3.375" 7/8 x 7/16	2080F2	1025	2.01	1.25 ★	NONE
	2090F2	1025	1.63	.87 ★	NONE
	2100F2	1025	1.51	.75 ★	NONE
	2110F2	1025	2.08	.75 ★	NONE ★
	2110F3	1025	1.76	1.00 ★	NONE
	2120F2	1025	1.58	.25 ★	NONE ★
	2120F3	1025	1.76	1.00 ★	NONE
	2130F2	1025	.19	NONE	NONE
	2130F3	1025	1.76	1.00 ★	NONE
200 HP 445TS 2.375" 5/8 x 5/16	2080F2	1015	2.45	1.12 ★	NONE ★
	2090F2	1020	1.88	.87 ★	.25
	2100F2	1020	2.08	.75 ★	NONE ★
	2110F2	1025	2.20	.62 ★	.25 ★
	2110F3	1015	1.12	NONE ★	NONE ★
	2120F2	1025	1.83	.50 ★	NONE ★
	2120F3	1020	1.43	.38 ★	NONE ★
	2130F2	1025	.69	.50	NONE
	2130F3	1020	1.43	.38 ★	NONE ★

★ Reverse coupling hub.

† Requires 400T/TS frame blank bracket with 1.00" shim blocks.

TABLE 3 — With External Backstop & Without Fan

Motor HP, Frame, Shaft Dia. & Kwy.	DRIVE SIZE	Backstop	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
1 1/2 HP 145T .875" 3/16 x 3/32	2100F4	#20	1010	1.06	NONE ★	.66 ★
	2110F4	#20	1015	1.12	NONE ★	NONE ★
2 HP 145T .875" 3/16 x 3/32	2100F4	#20	1010	.56	NONE ★	.16 ★
	2110F4	#20	1015	1.12	NONE ★	NONE ★
	2120F4	#20	1015	.22	NONE	.10
3 HP 182T 1.125" 1/4 x 1/8	2100F4	#20	1010	.56	NONE ★	.16 ★
	2110F4	#20	1010	.56	NONE ★	.22 ★
	2120F4	#20	1015	.62	NONE	.10
5 HP 184T 1.125" 1/4 x 1/8	2100F4	#20	1010	.56	NONE ★	.16 ★
	2110F4	#20	1010	.56	NONE ★	.22 ★
	2130F4	#20	1015	.22	NONE	.10
7 1/2 HP 213T 1.375" 5/16 x 5/32	2100F3	#20	1015	.12	NONE	NONE
	2100F4	#20	1010	.12	NONE	NONE
	2110F4	#20	1010	.12	NONE	NONE
	2120F4	#20	1015	.32	NONE	.20
	2130F4	#20	1015	.32	NONE	.20
10 HP 215T 1.375" 5/16 x 5/32	2100F3	#20	1015	.12	NONE	NONE
	2100F4	#20	1010	.12	NONE	NONE
	2110F4	#20	1010	.12	NONE	NONE
	2120F4	#20	1015	.32	NONE	.20
	2130F4	#20	1015	.32	NONE	.20
15 HP 254T 1.625" 3/8 x 3/16	2100F3	#20	1015	.12	NONE	NONE
	2100F4	#20	1010	.56	NONE ★	.16 ★
	2110F3	#20	1015	.12	NONE	NONE
	2110F4	#20	1010	.62	NONE ★	.22 ★
	2120F3	#20	1015	.12	NONE	NONE
20 HP 256T 1.625" 3/8 x 3/16	2100F3	#20	1015	.12	NONE	NONE
	2100F4	#20	1010	.57	NONE	.16
	2110F3	#20	1015	.12	NONE	NONE
	2110F4	#20	1010	.62	NONE ★	.22 ★
	2120F3	#20	1015	.12	NONE	NONE
25 HP 284T 1.875" 1/2 x 1/4	2100F3	#20	1015	.12	NONE	NONE
	2100F4	#20	1010	.12	NONE	NONE
	2110F3	#20	1015	.12	NONE	NONE
	2110F4	#20	1010	.12	NONE	NONE
	2120F3	#20	1015	.12	NONE	NONE
25 HP 284TS 1.625" 3/8 x 3/16	2100F3	#20	1015	.82	NONE ★	.20
	2100F4	#20	1010	.12	NONE	NONE
	2110F3	#20	1015	.82	NONE ★	.20
	2110F4	#20	1010	.24	.12	NONE
	2120F3	#20	1015	.68	NONE ★	.06
30 HP 286T 1.875" 1/2 x 1/4	2100F3	#20	1015	.12	NONE	NONE
	2100F4	#20	1010	.12	NONE	NONE
	2110F3	#20	1015	.12	NONE	NONE
	2110F4	#20	1010	.12	NONE	NONE
	2120F3	#20	1015	.12	NONE	NONE

★ Reverse coupling hub.

TABLE 3 — With External Backstop & Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kwy.	DRIVE SIZE	Backstop	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
30 HP 286TS 1.625" 3/8 x 3/16	2100F3	#20	1015	.82	NONE ★	.20
	2100F4	#20	1010	.12	NONE	NONE
	2110F3	#20	1015	.82	NONE ★	.20
	2110F4	#20	1010	.24	.12	NONE
	2120F3	#20	1015	.68	NONE ★	.06
	2120F4	#20	1015	.94	NONE ★	.32
	2130F3	#20	1015	.68	NONE ★	.06
40 HP 324T 2.125" 1/2 x 1/4	2100F3	#20	1015	.12	NONE	NONE
	2110F3	#20	1015	.12	NONE	NONE
	2110F4	#20	1015	.12	NONE	NONE
	2120F3	#20	1015	.12	NONE	NONE
	2120F4	#20	1015	.12	NONE	NONE
	2130F3	#20	1015	.12	NONE	NONE
	2130F4	#20	1015	.12	NONE	NONE
40 HP 324TS 1.875" 1/2 x 1/4	2100F3	#20	1015	.30	NONE	.18
	2110F3	#20	1015	.30	NONE	.18
	2110F4	#20	1015	1.00	.50	.38
	2120F3	#20	1015	.25	NONE	.12
	2120F4	#20	1015	.62	.50	NONE
	2130F3	#20	1015	.25	NONE	.12
	2130F4	#20	1015	.62	.50	NONE
50 HP 326T 2.125" 1/2 x 1/4	2100F2	#20	1015	.12	NONE	NONE
	2100F3	#20	1015	.12	NONE	NONE
	2110F3	#20	1015	.12	NONE	NONE
	2110F4	#20	1015	.12	NONE	NONE
	2120F3	#20	1015	.12	NONE	NONE
	2120F4	#20	1015	.12	NONE	NONE
	2130F3	#20	1015	.12	NONE	NONE
50 HP 326TS 1.875" 1/2 x 1/4	2100F2	#20	1015	.12	NONE	NONE
	2100F3	#20	1015	.30	NONE	.18
	2110F3	#20	1015	.30	NONE	.18
	2110F4	#20	1015	1.00	.50	.38
	2120F3	#20	1015	.25	NONE	.12
	2120F4	#20	1015	.62	.50	NONE
	2130F3	#20	1015	.25	NONE	.12
60 HP 364T 2.375" 5/8 x 5/16	2100F2	#20	1015	.12	NONE	NONE
	2100F3	#20	1015	.12	NONE	NONE
	2110F3	#20	1015	.12	NONE	NONE
	2120F3	#20	1015	.12	NONE	NONE
	2120F4	#20	1015	.24	.12	NONE
	2130F3	#20	1015	.12	NONE	NONE
	2130F4	#20	1015	.24	.12	NONE
60 HP 364TS 1.875" 1/2 x 1/4	2100F2	#20	1015	.12	NONE	NONE
	2100F3	#20	1015	1.56	NONE ★	.44 ★
	2110F3	#20	1015	1.56	NONE ★	.44 ★
	2120F3	#20	1015	1.36	NONE ★	.24 ★
	2120F4	#20	1015	.62	.50	NONE
	2130F3	#20	1015	1.36	NONE ★	.24 ★
	2130F4	#20	1015	.62	.50	NONE
75 HP 365T 2.375" 5/8 x 5/16	2100F2	#20 ■	1015	.12	NONE	NONE
	2100F3	#20	1015	.12	NONE	NONE
	2110F2	#20	1015	.12	NONE	NONE
	2110F3	#20	1015	.12	NONE	NONE
	2120F3	#20	1015	.12	NONE	NONE
	2120F4	#20	1015	.12	NONE	NONE
	2130F3	#20	1015	.12	NONE	NONE

★ Reverse coupling hub.

■ Use a #20 backstop with Sizes 2100F2Z, ratios 17.1:1-13:1; and 2110F2Z, ratios 25:1 & 31:1. NOTE: a #20 backstop is not available with Sizes 2120 & 2130F2Z.



TABLE 3 — With External Backstop & Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw. y.	DRIVE SIZE	Backstop	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
75 HP 365TS 1.875" 1/2 x 1/4	2100F2	#20 ■	1015	.12	NONE	NONE
	2100F3	#20	1015	1.56	NONE ★	.44 ★
	2110F2	#20	1015	.25	NONE	.12
	2110F3	#20	1015	1.56	NONE ★	.44 ★
	2120F3	#20	1015	1.36	NONE ★	.24 ★
	2130F3	#20	1015	1.36	NONE ★	.24 ★
100 HP 404T 2.875" 3/4 x 3/8	2100F2	#60 ●	1020	.12	NONE	NONE
	2100F2	#20 ■	1020	.12	NONE	NONE
	2100F3	#20	1020	.12	NONE	NONE
	2110F2	#20	1020	.25	.12	NONE
	2110F3	#20	1020	.12	NONE	NONE
	2120F2	#60	1020	.12	NONE	NONE
100 HP 404TS 2.125" 1/2 x 1/4	2100F2	#60 ●	1020	.32	NONE	.20
	2100F2	#20 ■	1015	.32	.20	NONE
	2100F3	#20	1015	.12	NONE	NONE
	2110F2	#20	1015	.25	.12	NONE
	2110F3	#20	1015	1.12	NONE ★	NONE ★
	2120F2	#60	1015	.62	NONE ★	NONE
125 HP 405T 2.875" 3/4 x 3/8	2100F2	#60 ●	1020	.12	NONE	NONE
	2100F2	#20 ■	1020	.12	NONE	NONE
	2100F3	#20	1020	.12	NONE	NONE
	2110F2	#20	1020	.25	.12	NONE
	2110F3	#20	1020	.12	NONE	NONE
	2120F2	#60	1025	.18	NONE	NONE
125 HP 405TS 2.125" 1/2 x 1/4	2100F2	#60 ●	1020	.32	NONE	.20
	2100F2	#20 ■	1015	.32	.20	NONE
	2100F3	#20	1020	.12	NONE	NONE
	2110F2	#20	1015	.25	.12	NONE
	2110F3	#20	1015	1.12	NONE ★	NONE ★
	2120F2	#60	1025	.18	NONE	NONE
150 HP 444T 3.375" 7/8 x 7/16	2100F2	#60 ●	1025	.19	NONE	NONE
	2100F2	#20 ■	1025	.19	NONE	NONE
	2110F2	#60 ●	1025	.18	NONE	NONE
	2110F2	#20 ■	1025	.18	NONE	NONE
	2110F3	#20	1025	.76	NONE	NONE
	2120F2	#60	1025	.18	NONE	NONE
150 HP 444TS 2.375" 5/8 x 5/16	2100F2	#60 ●	1020	.12	NONE	NONE
	2100F2	#20 ■	1020	.12	NONE	NONE
	2110F2	#60 ●	1025	.18	NONE	NONE
	2110F2	#20 ■	1015	.25	.12	NONE
	2110F3	#20	1015	.49	.25	.12
	2120F2	#60	1025	.18	NONE	NONE

- ★ Reverse coupling hub.
- Use a #60 backstop with Size 2100F2Z, ratios 5:1-14:1; and Size 2110F2Z, ratios 5:1-21:1; and Sizes 2120 & 2130F2Z, all ratios.
- Use a #20 backstop with Sizes 2100F2Z, ratios 17:1-31:1; and 2110F2Z, ratios 25:1-31:1. NOTE: a #20 backstop is not available with Sizes 2120 & 2130F2Z.

TABLE 3 — With External Backstop & Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw. y.	DRIVE SIZE	Backstop	G10/G20 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
200 HP 445T 3.375" 7/8 x 7/16	2110F2	#60 ■	1025	.19	NONE	NONE
	2110F2	#20 ■	1025	.19	NONE	NONE
	2110F3	#20	1025	.76	NONE	NONE
	2120F2	#60	1025	.19	NONE	NONE
	2120F3	#20	1025	.19	.50	NONE
	2130F2	#60	1025	.19	NONE	NONE
200 HP 445TS 2.375" 5/8 x 5/16	2110F2	#60 ■	1015	.19	NONE	NONE
	2110F2	#20 ●	1025	.19	.12	NONE
	2110F3	#20	1015	.49	.25	.12
	2120F2	#60	1025	.19	NONE	NONE
	2120F3	#20	1015	.62	NONE	NONE
	2130F2	#60	1025	.19	.25	NONE

TABLE 4 — H.S. Shaft Diameter & Key Size (With or Without Internal Backstop — Inches)

DRIVE SIZE	FZ2 Double Red.		FZ3 Triple Red.		FZ4 Quad. Red.	
	UA	Key (W x H)	UA	Key (W x H)	UA	Key (W x H)
2040	1.3750	5/16 x 5/16	1.3750	5/16 x 5/16	.8750	3/16 x 3/16
2050	1.6250	3/8 x 3/8	1.6250	3/8 x 3/8	1.0000	1/4 x 1/4
2060	1.8750	1/2 x 1/2	1.5000	3/8 x 3/8	1.2500	1/4 x 1/4
2070	2.1250	1/2 x 1/2	1.7500	3/8 x 3/8	1.3750	5/16 x 5/16
2080	2.2500	1/2 x 1/2	2.0000	1/2 x 1/2	1.6250	3/8 x 3/8
2090	2.5000	5/8 x 5/8	2.0000	1/2 x 1/2	1.6250	3/8 x 3/8
2100	2.7500 ♦	5/8 x 5/8	2.1250	1/2 x 1/2	1.8750	1/2 x 1/2
2110	3.0000 ♦	3/4 x 3/4	2.1250	1/2 x 1/2	1.8750	1/2 x 1/2
2120	3.2500 ♦	3/4 x 3/4	2.2500 ♦	1/2 x 1/2	2.0000	1/2 x 1/2
2130	3.5000 ♦	7/8 x 7/8	2.2500 ♦	1/2 x 1/2	2.0000	1/2 x 1/2

♦ Dimensions shown are for drives without backstop; for drives with backstop refer to Table 5.

TABLE 5 — H.S. Shaft Diameter & Key Size (With External Backstop — Inches)

DRIVE SIZE	Backstop	Ratio	UA	Key (W x H)
FZ2 Double Red.				
2100	#60	5:1 - 14:1	2.7500	5/8 x 5/8
2100	#20	17:1 - 31:1	2.1250	1/2 x 1/2
2110	#60	5:1 - 21:1	3.0000	3/4 x 3/4
2110	#20	25:1 - 31:1	2.1250	1/2 x 1/2
2120	#60	ALL F2	3.2500	3/4 x 3/4
2130	#60	ALL F2	3.5000	7/8 x 7/8
FZ3 Triple Red.				
2100	#20	ALL F3	2.1250	1/2 x 1/2
2110	#20	ALL F3	2.1250	1/2 x 1/2
2120	#20	ALL F3	2.1250	1/2 x 1/2
2130	#20	ALL F3	2.1250	1/2 x 1/2
FZ4 Quad. Red.				
2100	#20	ALL F4	1.8750	1/2 x 1/2
2110	#20	ALL F4	1.8750	1/2 x 1/2
2120	#20	ALL F4	2.0000	1/2 x 1/2
2130	#20	ALL F4	2.0000	1/2 x 1/2