

High Speed Shaft Type T Coupling Selections

Introduction

Mounting dimensions and coupling selections (T10 only) 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 & 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 (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
5 HP 184T 1.125" 1/4 x 1/8	2040F2	1030	.12	NONE	NONE
	2040F3	1030	.12	NONE	NONE
	2050F2	1040	.12	NONE	NONE
	2050F3	1040	.12	NONE	NONE
	2060F3	1040	.12	NONE	NONE
	2060F4	1030	.12	NONE	NONE
	2070F3	1050	.52	.40	NONE
	2070F4	1030	.12	NONE	NONE
	2080F3	1060	.12	NONE	NONE
	2080F4	1040	.12	NONE	NONE
	2090F3	1060	.12	NONE	NONE
	2090F4	1040	.12	NONE	NONE
	2100F4	1050	.30	.18	NONE
	2110F4	1050	.52	.40	NONE
	2120F4	1060	.42	.30	NONE
2130F4	1060	.42	.30	NONE	
7 1/2 HP 213T 1.375" 5/16 x 3/32	2040F2	1030	.72	.30	.30
	2040F3	1030	.88	.38	.38
	2050F2	1040	.24	.12	NONE
	2050F3	1040	.24	.12	NONE
	2060F2	1050	.42	.30	NONE
	2060F3	1040	.24	.12	NONE
	2070F3	1050	.12	NONE	NONE
	2070F4	1030	.88	.38	.38
	2080F3	1060	.24	.12	NONE
	2080F4	1040	.24	.12	NONE
	2090F3	1060	.24	.12	NONE
	2090F4	1040	.24	.12	NONE
	2100F3	1060	.12	NONE	NONE
	2100F4	1050	.36	.24	NONE
	2110F4	1050	.12	NONE	NONE
2120F4	1060	.12	NONE	NONE	
2130F4	1060	.12	NONE	NONE	
10 HP 215T 1.375" 5/16 x 3/32	2040F2	1030	.72	.30	.30
	2040F3	1030	.88	.38	.38
	2050F2	1040	.24	.12	NONE
	2050F3	1040	.24	.12	NONE
	2060F2	1050	.42	.30	NONE
	2060F3	1040	.24	.12	NONE
	2070F3	1050	.12	NONE	NONE
	2080F3	1060	.24	.12	NONE
	2080F4	1040	.24	.12	NONE
	2090F3	1060	.24	.12	NONE
	2090F4	1040	.24	.12	NONE
	2100F3	1060	.12	NONE	NONE
	2100F4	1050	.36	.24	NONE
	2110F4	1050	.12	NONE	NONE
	2120F4	1060	.12	NONE	NONE
2130F4	1060	.12	NONE	NONE	
15 HP 254T 1.625" 3/8 x 3/16	2040F2	1050	1.36	.62	.62
	2050F2	1040	.88	.38	.38
	2050F3	1040	.88	.38	.38
	2060F2	1050	.38	.25	NONE
	2060F3	1040	.88	.38	.38
	2070F2	1060	.12	NONE	NONE
	2070F3	1050	.62	.50	NONE
	2080F3	1060	.24	.12	NONE
	2090F3	1060	.24	.12	NONE
	2090F4	1040	.88	.38	.38
	2100F3	1060	.12	NONE	NONE
	2100F4	1050	.38	.25	NONE
	2110F3	1060	.12	NONE	NONE
	2110F4	1050	.62	.50	NONE
	2120F3	1070	.12	NONE	NONE
2120F4	1060	.50	.38	NONE	
2130F4	1060	.50	.38	NONE	

TABLE 1 — Without Fan

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
1 HP 143T .875" 3/16 x 3/32	2040F2	1030	.37	.25	NONE
	2040F3	1030	.24	.12	NONE
	2040F4	1020	1.24	.56	.56
	2050F3	1040	.12	NONE	NONE
	2050F4	1020	1.00	.44	.44
	2060F3	1040	.12	NONE	NONE
	2060F4	1030	.50	.38	NONE
	2070F4	1030	.24	.12	NONE
	2080F4	1040	.12	NONE	NONE
	2090F4	1040	.12	NONE	NONE
1 1/2 HP 145T .875" 3/16 x 3/32	2040F2	1030	.37	.25	NONE
	2040F3	1030	.24	.12	NONE
	2040F4	1020	1.24	.56	.56
	2050F3	1040	.12	NONE	NONE
	2050F4	1020	1.00	.44	.44
	2060F3	1040	.12	NONE	NONE
	2060F4	1030	.50	.38	NONE
	2070F4	1030	.24	.12	NONE
	2080F4	1040	.12	NONE	NONE
	2090F4	1040	.12	NONE	NONE
2100F4	1050	.82	.35	.35	
2 HP 145T .875" 3/16 x 3/32	2040F2	1030	.37	.25	NONE
	2040F3	1030	.24	.12	NONE
	2050F3	1040	.12	NONE	NONE
	2060F3	1040	.12	NONE	NONE
	2060F4	1030	.50	.38	NONE
	2070F4	1030	.24	.12	NONE
	2080F4	1040	.12	NONE	NONE
	2090F4	1040	.12	NONE	NONE
	2100F4	1050	.82	.35	.35
	2110F4	1050	1.02	.45	.45
3 HP 182T 1.125" 1/4 x 1/8	2040F2	1030	.12	NONE	NONE
	2040F3	1030	.12	NONE	NONE
	2050F3	1040	.12	NONE	NONE
	2050F4	1020	.62	.50	NONE
	2060F3	1040	.12	NONE	NONE
	2060F4	1030	.12	NONE	NONE
	2070F3	1050	.52	.40	NONE
	2070F4	1030	.12	NONE	NONE
	2080F4	1040	.12	NONE	NONE
	2090F4	1040	.12	NONE	NONE
	2100F4	1050	.30	.18	NONE
	2110F4	1050	.52	.40	NONE
2120F4	1060	.42	.30	NONE	



TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
20 HP 256T 1.625" 3/8 x 3/16	2040F2	1050	1.38	.62	.62
	2050F2	1040	.88	.38	.38
	2060F2	1050	.38	.25	NONE
	2060F3	1040	.88	.38	.38
	2070F2	1060	.12	NONE	NONE
	2070F3	1050	.62	.50	NONE
	2080F2	1070	.24	.12	NONE
	2080F3	1060	.24	.12	NONE
	2090F3	1060	.24	.12	NONE
	2100F3	1060	.12	NONE	NONE
	2100F4	1050	.37	.25	NONE
	2110F3	1060	.24	.12	NONE
	2110F4	1050	.62	.50	NONE
	2120F3	1070	.12	NONE	NONE
2120F4	1060	.50	.38	NONE	
2130F4	1060	.50	.38	NONE	
25 HP 284T 1.875" 1/2 x 1/4	2040F2	1050	.74	.62	NONE
	2050F2	1050	.24	.12	NONE
	2060F2	1050	.38	.25	NONE
	2060F3	1050	.37	.25	NONE
	2070F2	1060	.12	NONE	NONE
	2070F3	1050	.12	NONE	NONE
	2080F2	1070	.12	NONE	NONE
	2080F3	1060	.24	.12	NONE
	2090F3	1060	.24	.12	NONE
	2100F3	1060	.12	NONE	NONE
	2100F4	1050	.12	NONE	NONE
	2110F3	1060	.12	NONE	NONE
	2110F4	1050	.12	NONE	NONE
	2120F3	1070	.12	NONE	NONE
2120F4	1060	.12	NONE	NONE	
2130F3	1070	.12	NONE	NONE	
2130F4	1060	.12	NONE	NONE	
25 HP 284TS 1.625" 3/8 x 3/16	2040F2	1040	.88	.38	.38
	2050F2	1040	.42	.30	NONE
	2060F2	1050	1.12	.50	.50
	2060F3	1040	.37	.25	NONE
	2070F2	1060	.62	.25	.25
	2070F3	1050	1.36	.62	.62
	2080F2	1070	.38	.25	NONE
	2080F3	1060	1.00	.44	.44
	2090F3	1060	1.00	.44	.44
	2100F3	1060	.88	.38	.38
	2100F4	1050	.12	NONE	NONE
	2110F3	1060	.88	.38	.38
	2110F4	1050	.12	NONE	NONE
	2120F3	1070	.62	.50	NONE
2120F4	1060	1.24	.50	.62	
2130F3	1070	.62	.50	NONE	
2130F4	1060	1.24	.50	.62	
30 HP 286T 1.875" 1/2 x 1/4	2040F2	1050	.74	.62	NONE
	2050F2	1050	.24	.12	NONE
	2060F2	1050	.38	.25	NONE
	2060F3	1050	.37	.25	NONE
	2070F2	1060	.12	NONE	NONE
	2070F3	1050	.12	NONE	NONE
	2080F2	1070	.12	NONE	NONE
	2080F3	1060	.24	.12	NONE
	2090F2	1070	.12	NONE	NONE
	2090F3	1060	.24	.12	NONE
	2100F3	1060	.12	NONE	NONE
	2100F4	1050	.12	NONE	NONE
	2110F3	1060	.12	NONE	NONE
	2110F4	1050	.12	NONE	NONE
2120F3	1070	.12	NONE	NONE	
2120F4	1060	.12	NONE	NONE	
2130F3	1070	.12	NONE	NONE	
2130F4	1060	.12	NONE	NONE	

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
30 HP 286TS 1.625" 3/8 x 3/16	2040F2	1050	.88	.38	.38
	2050F2	1050	.42	.30	NONE
	2060F2	1050	1.12	.50	.50
	2060F3	1040	.37	.25	NONE
	2070F2	1060	.62	.25	.25
	2070F3	1050	1.36	.62	.62
	2080F2	1070	.38	.25	NONE
	2080F3	1060	1.00	.44	.44
	2090F2	1070	.12	NONE	NONE
	2090F3	1060	1.00	.44	.44
	2100F3	1060	.88	.38	.38
	2100F4	1050	.12	NONE	NONE
	2110F3	1060	.88	.38	.38
	2110F4	1050	.12	NONE	NONE
2120F3	1070	.62	.50	NONE	
2120F4	1060	1.24	.50	.62	
2130F3	1070	.62	.50	NONE	
2130F4	1060	1.24	.50	.62	
40 HP 324T 2.125" 1/2 x 1/4	2050F2	1060	.24	.12	NONE
	2060F2	1060	.12	NONE	NONE
	2070F2	1060	.12	NONE	NONE
	2070F3	1060	.12	NONE	NONE
	2080F2	1070	.24	.12	NONE
	2080F3	1060	.24	.12	NONE
	2090F2	1070	.12	NONE	NONE
	2090F3	1060	.24	.12	NONE
	2100F3	1060	.12	NONE	NONE
	2110F3	1060	.12	NONE	NONE
	2110F4	1060	.12	NONE	NONE
	2120F3	1070	.12	NONE	NONE
	2120F4	1060	.12	NONE	NONE
	2130F3	1070	.12	NONE	NONE
2130F4	1060	.12	NONE	NONE	
40 HP 324TS 1.875" 1/2 x 1/4	2050F2	1050	1.12	.50	.50
	2060F2	1050	.62	.50	NONE
	2070F2	1060	.12	NONE	NONE
	2070F3	1050	.88	.38	.38
	2080F2	1070	.12	NONE	NONE
	2080F3	1060	.50	.38	NONE
	2090F2	1070	.24	.12	NONE
	2090F3	1060	.50	.38	NONE
	2100F3	1060	.38	.25	NONE
	2110F3	1060	.38	.25	NONE
	2110F4	1060	1.12	.50	.50
	2120F3	1070	.12	NONE	NONE
	2120F4	1060	.75	.38	.25
	2130F3	1070	.12	NONE	NONE
2130F4	1060	.12	.38	.38	
50 HP 326T 2.125" 1/2 x 1/4	2050F2	1060	.24	.12	NONE
	2060F2	1060	.12	NONE	NONE
	2070F2	1060	.12	NONE	NONE
	2080F2	1070	.24	.12	NONE
	2080F3	1060	.24	.12	NONE
	2090F2	1070	.12	NONE	NONE
	2090F3	1060	.24	.12	NONE
	2100F2	1080	.12	NONE	NONE
	2100F3	1060	.12	NONE	NONE
	2110F3	1060	.12	NONE	NONE
	2120F3	1070	.12	NONE	NONE
	2120F4	1060	.12	NONE	NONE
	2130F3	1070	.12	NONE	NONE
	2130F4	1060	.12	NONE	NONE

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
50 HP 326TS 1.875" 1/2 x 1/4	2050F2	1060	1.12	.50	.50
	2060F2	1060	.62	.50	NONE
	2070F2	1060	.12	NONE	NONE
	2080F2	1070	.12	NONE	NONE
	2080F3	1060	.50	.38	NONE
	2090F2	1070	.24	.12	NONE
	2090F3	1060	.50	.38	NONE
	2100F2	1080	.24	.12	NONE
	2100F3	1060	.38	.25	NONE
	2110F3	1060	.38	.25	NONE
	2120F3	1070	.12	NONE	NONE
	2120F4	1060	.75	.38	.25
2130F3	1070	.12	NONE	NONE	
2130F4	1060	.12	.38	.38	
60 HP 364T 2.375" 5/8 x 5/16	2060F2	1070	.12	NONE	NONE
	2070F2	1070	.12	NONE	NONE
	2080F2	1070	.12	NONE	NONE
	2080F3	1070	.12	NONE	NONE
	2090F2	1070	.12	NONE	NONE
	2090F3	1070	.12	NONE	NONE
	2100F2	1080	.12	NONE	NONE
	2100F3	1070	.12	NONE	NONE
	2110F3	1070	.12	NONE	NONE
	2120F3	1070	.12	NONE	NONE
	2120F4	1070	.12	NONE	NONE
	2130F3	1070	.12	NONE	NONE
2130F4	1070	.12	NONE	NONE	
60 HP 364TS 1.875" 1/2 x 1/4	2060F2	1060	.62	.50	NONE
	2070F2	1060	.12	NONE	NONE
	2080F2	1070	.12	NONE	NONE
	2080F3	1060	.62	.50	NONE
	2090F2	1070	.24	.12	NONE
	2090F3	1060	.62	.50	NONE
	2100F2	1080	.24	.12	NONE
	2100F3	1060	.38	.25	NONE
	2110F3	1060	.38	.25	NONE
	2120F3	1070	.12	NONE	NONE
	2120F4	1060	.88	.38	.38
	2130F3	1070	.12	NONE	NONE
2130F4	1060	.88	.38	.38	
75 HP 365T 2.375" 5/8 x 5/16	2060F2	1070	.12	NONE	NONE
	2070F2	1070	.12	NONE	NONE
	2080F2	1070	.12	NONE	NONE
	2090F2	1070	.12	NONE	NONE
	2090F3	1070	.12	NONE	NONE
	2100F2	1080	.12	NONE	NONE
	2100F3	1070	.12	NONE	NONE
	2110F2	1080	.12	NONE	NONE
	2110F3	1070	.12	NONE	NONE
	2120F3	1070	.12	NONE	NONE
	2130F2	1070	.12	NONE	NONE
	2130F3	1070	.12	NONE	NONE
2130F4	1070	.12	NONE	NONE	

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kw.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang		
				Drive	Motor	
75 HP 365TS 1.875" 1/2 x 1/4	2060F2	1060	.62	.50	NONE	
	2070F2	1070	.12	NONE	NONE	
	2080F2	1070	.12	NONE	NONE	
	2090F2	1070	.24	.12	NONE	
	2090F3	1060	.62	.50	NONE	
	2100F2	1080	.24	.12	NONE	
	2100F3	1060	.38	.25	NONE	
	2110F2	1080	.12	NONE	NONE	
	2110F3	1060	.38	.25	NONE	
	2120F3	1070	.12	NONE	NONE	
	2130F3	1070	.12	NONE	NONE	
	2130F4	1060	.88	.38	.38	
100 HP 404T 2.875" 3/4 x 3/8	2070F2	1080	.12	NONE	NONE	
	2080F2	1080	.12	NONE	NONE	
	2090F2	1080	.12	NONE	NONE	
	2100F2	1080	.12	NONE	NONE	
	2100F3	1080	.12	NONE	NONE	
	2110F2	1080	.12	NONE	NONE	
	2110F3	1080	.12	NONE	NONE	
	2120F2	1090	.12	NONE	NONE	
	2120F3	1080	.12	NONE	NONE	
	2130F3	1080	.12	NONE	NONE	
	100 HP 404TS 2.125" 1/2 x 1/4	2070F2	1070	.74	.62	NONE
		2080F2	1070	.62	.50	NONE
2090F2		1070	.38	.25	NONE	
2100F2		1080	.12	NONE	NONE	
2100F3		1060	.88	.38	.38	
2110F2		1080	.12	NONE	NONE	
2110F3		1070	1.12	.88	.12	
2120F2		1090	.12	NONE	NONE	
2120F3		1070	.88	.75	NONE	
2130F3		1070	.88	.75	NONE	
125 HP 405T 2.875" 3/4 x 3/8		2070F2	1080	.12	NONE	NONE
		2080F2	1080	.12	NONE	NONE
	2090F2	1080	.12	NONE	NONE	
	2100F2	1080	.12	NONE	NONE	
	2100F3	1080	.12	NONE	NONE	
	2110F2	1080	.12	NONE	NONE	
	2110F3	1080	.12	NONE	NONE	
	2120F2	1090	.12	NONE	NONE	
	2120F3	1080	.12	NONE	NONE	
	2130F2	1090	.38	.25	NONE	
	2130F3	1080	.12	NONE	NONE	
	125 HP 405TS 2.125" 1/2 x 1/4	2070F2	1080	.74	.62	NONE
2080F2		1080	.62	.50	NONE	
2090F2		1080	.37	.25	NONE	
2100F2		1080	.12	NONE	NONE	
2100F3		1060	.88	.38	.38	
2110F2		1080	.12	NONE	NONE	
2110F3		1080	1.12	1.00	NONE	
2120F2		1090	.12	NONE	NONE	
2120F3		1080	.88	.75	NONE	
2130F2		1090	.12	NONE	NONE	
2130F3		1080	.88	.75	NONE	
150 HP 444T 3.375" 7/8 x 7/16		2080F2	1090	.12	NONE	NONE
	2090F2	1090	.12	NONE	NONE	
	2100F2	1090	.12	NONE	NONE	
	2110F2	1090	.12	NONE	NONE	
	2110F3	1090	.50	.38	NONE	
	2120F2	1090	.12	NONE	NONE	
	2120F3	1090	.12	NONE	NONE	
	2130F2	1090	.12	NONE	NONE	
	2130F3	1090	.12	NONE	NONE	

TABLE 1 — Without Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kwty.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
150 HP 444TS 2.375" 5/8 x 5/16	2080F2	1080	.12	NONE	NONE
	2090F2	1080	.37	.25	NONE
	2100F2	1080	.12	NONE	NONE
	2110F2	1080	.12	NONE	NONE
	2110F3	1070	.62	.50	NONE
	2120F2	1090	.12	NONE	NONE
	2120F3	1080	.38	.25	NONE
	2130F2	1090	.12	NONE	NONE
	2130F3	1080	.38	.25	NONE
	200 HP 445T 3.375" 7/8 x 7/16	2080F2	1090	.12	NONE
2090F2		1090	.12	NONE	NONE
2100F2		1090	.12	NONE	NONE
2110F2		1090	.12	NONE	NONE
2110F3		1090	.50	.38	NONE
2120F2		1090	.12	NONE	NONE
2120F3		1090	.12	NONE	NONE
2130F2		1090	.12	NONE	NONE
2130F3		1090	.12	NONE	NONE
200 HP 445TS 2.375" 5/8 x 5/16		2080F2	1080	.12	NONE
	2090F2	1080	.37	.25	NONE
	2100F2	1080	.12	NONE	NONE
	2110F2	1080	.12	NONE	NONE
	2110F3	1070	.62	.50	NONE
	2120F2	1090	.12	NONE	NONE
	2120F3	1080	.37	.25	NONE
	2130F2	1090	.12	NONE	NONE
	2130F3	1080	.38	.25	NONE

TABLE 2 — With Fan (Continued)

Motor HP, Frame, Shaft Dia. & Kwty.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
125 HP 405t 2.875" 3/4 x 3/8	2070F2	1080	1.50	1.38	NONE
	2080F2	1080	1.38	1.25	NONE
	2090F2	1080	1.25	1.12	NONE
	2100F2	1080	.94	.81	NONE
	2100F3	1080	1.74	1.62	NONE
	2070F2	1080	2.75	1.25	1.38
125 HP 405TS 2.125" 1/2 x 1/4	2080F2	1080	2.75	1.25	1.38
	2090F2	1080	2.75	1.12	1.50
	2100F2	1080	2.25	.88	1.25
	2100F3	1070	1.86	1.12	.62
150 HP 444T 2.375" 7/8 x 7/16	2080F2	1090	2.12	2.00	NONE
	2090F2	1090	1.62	1.50	NONE
	2100F2	1090	1.62	1.50	NONE
	2110F3	1090	1.87	1.75	NONE
	2120F3	1090	2.00	1.88	NONE
	2130F3	1090	2.00	1.88	NONE
150 HP 444TS 2.375" 5/8 x 5/16	2080F2	1080	2.37	1.50	.75
	2090F2	1080	2.50	1.12	1.25
	2100F2	1080	2.50	1.00	1.38
	2110F3	1080	2.38	1.38	.88
	2120F3	1080	2.37	1.50	.75
	2130F3	1080	2.37	1.50	.75
200 HP 445T 3.375" 7/8 x 7/16	2080F2	1090	2.12	2.00	NONE
	2090F2	1090	1.62	1.50	NONE
	2100F2	1090	1.62	1.50	NONE
	2110F2	1090	1.50	1.38	NONE
	2110F3	1090	1.87	1.75	NONE
	2120F2	1090	1.12	1.00	NONE
	2120F3	1090	2.00	1.88	NONE
	2130F2	1090	.62	.50	NONE
	2130F3	1090	2.00	1.88	NONE
	200 HP 445TS 2.375" 5/8 x 5/16	2080F2	1080	2.37	1.50
2090F2		1080	2.49	1.12	1.25
2100F2		1080	2.50	1.00	1.38
2110F2		1080	1.50	1.00	.38
2110F3		1080	2.38	1.38	.88
2120F2		1090	1.12	1.00	NONE
2120F3		1080	2.37	1.50	.75
2130F2		1090	.74	.62	NONE
2130F3		1080	2.37	1.50	.75

TABLE 2 — With Fan

Motor HP, Frame, Shaft Dia. & Kwty.	DRIVE SIZE	T10 Cplg. Size	Shaft Gap	Hub Overhang	
				Drive	Motor
60 HP 364T 2.375" 5/8 x 5/16	2060F2	1070	1.31	1.19	NONE
	2070F2	1070	.82	.70	NONE
60 HP 364TS 1.875" 1/2 x 1/4	2060F2	1070	2.50	1.19	1.19
	2070F2	1070	2.12	.88	1.12
75 HP 365T 2.375" 5/8 x 5/16	2060F2	1070	1.31	1.19	NONE
	2070F2	1070	.82	.70	NONE
	2080F2	1070	.68	.56	NONE
	2090F2 †	1080	1.00	.88	NONE
75 HP 365TS 1.875" 1/2 x 1/4	2060F2	1070	2.50	1.19	1.19
	2070F2	1070	2.12	.88	1.12
	2080F2	1070	1.62	.50	1.00
	2090F2 †	1080	2.74	1.00	1.62
100 HP 404T 2.875" 3/4 x 3/8	2070F2	1080	1.50	1.38	NONE
	2080F2	1080	1.37	1.25	NONE
	2090F2	1080	1.24	1.12	NONE
	2100F2	1080	.93	.81	NONE
	2100F3	1080	1.74	1.62	NONE
100 HP 404TS 2.125" 1/2 x 1/4	2070F2	1080	2.75	1.25	1.38
	2080F2	1080	2.75	1.25	1.38
	2090F2	1080	2.74	1.12	1.50
	2100F2	1080	2.25	.88	1.25
	2100F3	1070	1.86	1.12	.62

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

TABLE 3 — With External Backstop & Without Fan

Motor HP, Frame, Shaft Dia. & Kw. y.	DRIVE SIZE	Backstop	T10 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
1 1/2 HP 145T .875" 3/16 x 3/32	2100F4	#20	1050	1.06	.50	.44
	2110F4	#20	1050	1.06	.50	.44
2 HP 145T .875" 3/16 x 3/32	2100F4	#20	1050	1.06	.50	.44
	2110F4	#20	1050	1.12	.50	.50
3 HP 182T 1.125" 1/4 x 1/8	2100F4	#20	1050	.56	.44	NONE
	2110F4	#20	1050	.62	.50	NONE
	2120F4	#20	1060	.22	.10	NONE
5 HP 184T 1.125" 1/4 x 1/8	2100F4	#20	1050	.56	.44	NONE
	2110F4	#20	1050	.62	.50	NONE
	2130F4	#20	1060	.22	.10	NONE
7 1/2 HP 213T 1.375" 5/16 x 5/32	2100F3	#20	1060	.12	NONE	NONE
	2100F4	#20	1050	.12	NONE	NONE
	2110F4	#20	1050	.12	NONE	NONE
	2120F4	#20	1060	.32	.20	NONE
	2130F4	#20	1060	.32	.20	NONE
10 HP 215T 1.375" 5/16 x 5/32	2100F3	#20	1060	.12	NONE	NONE
	2100F4	#20	1050	.12	NONE	NONE
	2110F4	#20	1050	.12	NONE	NONE
	2120F4	#20	1060	.32	.20	NONE
	2130F4	#20	1060	.32	.20	NONE
15 HP 254T 1.625" 3/8 x 3/16	2100F3	#20	1060	.12	NONE	NONE
	2100F4	#20	1050	.56	.44	NONE
	2110F3	#20	1060	.12	NONE	NONE
	2110F4	#20	1050	.62	.50	NONE
	2120F3	#20	1060	.12	NONE	NONE
20 HP 256T 1.625" 3/8 x 3/16	2100F3	#20	1060	.12	NONE	NONE
	2100F4	#20	1050	.56	.44	NONE
	2110F3	#20	1060	.12	NONE	NONE
	2110F4	#20	1050	.62	.50	NONE
	2120F3	#20	1060	.12	NONE	NONE
25 HP 284T 1.875" 1/2 x 1/4	2100F3	#20	1060	.12	NONE	NONE
	2100F4	#20	1050	.12	NONE	NONE
	2110F3	#20	1060	.12	NONE	NONE
	2110F4	#20	1050	.12	NONE	NONE
	2120F3	#20	1060	.12	NONE	NONE
25 HP 284TS 1.625" 3/8 x 3/16	2100F3	#20	1060	.82	.32	.38
	2100F4	#20	1050	.12	NONE	NONE
	2110F3	#20	1060	.82	.32	.38
	2110F4	#20	1050	.24	.12	NONE
	2120F3	#20	1060	.68	.28	.28
30 HP 286T 1.875" 1/2 x 1/4	2100F3	#20	1060	.94	.50	.32
	2100F4	#20	1060	.68	.28	.28
	2110F3	#20	1060	.94	.50	.32
	2110F4	#20	1050	.12	NONE	NONE
	2120F3	#20	1060	.12	NONE	NONE

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

Motor HP, Frame, Shaft Dia. & Kw. y.	DRIVE SIZE	Backstop	T10 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
30 HP 286TS 1.625" 3/8 x 3/16	2100F3	#20	1060	.82	.32	.38
	2100F4	#20	1050	.12	NONE	NONE
	2110F3	#20	1060	.82	.32	.38
	2110F4	#20	1050	.24	.12	NONE
	2120F3	#20	1060	.68	.28	.28
	2120F4	#20	1060	.94	.50	.32
	2130F3	#20	1060	.68	.28	.28
40 HP 324T 2.125" 1/2 x 1/4	2100F3	#20	1060	.12	NONE	NONE
	2110F3	#20	1060	.12	NONE	NONE
	2110F4	#20	1060	.12	NONE	NONE
	2120F3	#20	1060	.12	NONE	NONE
	2120F4	#20	1060	.12	NONE	NONE
	2130F3	#20	1060	.12	NONE	NONE
	2130F4	#20	1060	.12	NONE	NONE
40 HP 324TS 1.875" 3/8 x 3/16	2100F3	#20	1060	.30	.18	NONE
	2110F3	#20	1060	.30	.18	NONE
	2110F4	#20	1060	1.00	.50	.38
	2120F3	#20	1060	.25	.12	NONE
	2120F4	#20	1060	.62	.50	NONE
	2130F3	#20	1060	.25	.12	NONE
	2130F4	#20	1060	.62	.50	NONE
50 HP 326T 2.125" 1/2 x 1/4	2100F2	#20	1070	.12	NONE	NONE
	2100F3	#20	1060	.12	NONE	NONE
	2110F3	#20	1060	.12	NONE	NONE
	2110F4	#20	1060	.12	NONE	NONE
	2120F3	#20	1060	.12	NONE	NONE
	2120F4	#20	1060	.12	NONE	NONE
	2130F3	#20	1060	.12	NONE	NONE
50 HP 326TS 1.875" 1/2 x 1/4	2100F2	#20	1070	.12	NONE	NONE
	2100F3	#20	1060	.30	.18	NONE
	2110F3	#20	1060	.30	.18	NONE
	2110F4	#20	1060	1.00	.50	.38
	2120F3	#20	1060	.25	.12	NONE
	2120F4	#20	1060	.62	.50	NONE
	2130F3	#20	1060	.25	.12	NONE
60 HP 364T 2.375" 5/8 x 5/16	2100F2	#20	1070	.12	NONE	NONE
	2100F3	#20	1070	.12	NONE	NONE
	2110F3	#20	1070	.12	NONE	NONE
	2120F3	#20	1070	.12	NONE	NONE
	2120F4	#20	1070	.24	.12	NONE
	2130F3	#20	1070	.12	NONE	NONE
	2130F4	#20	1070	.24	.12	NONE
60 HP 364TS 1.875" 1/2 x 1/4	2100F2	#20	1070	.12	NONE	NONE
	2100F3	#20	1070	1.56	.56	.88
	2110F3	#20	1070	1.56	.56	.88
	2120F3	#20	1070	1.36	.62	.62
	2120F4	#20	1060	.62	.50	NONE
	2130F3	#20	1070	1.36	.62	.62
	2130F4	#20	1060	.62	.50	NONE
75 HP 365T 2.375" 5/8 x 5/16	2100F2	#20	1070	.12	NONE	NONE
	2100F3	#20	1070	.12	NONE	NONE
	2110F2	#20	1080	.12	NONE	NONE
	2110F3	#20	1070	.12	NONE	NONE
	2120F3	#20	1070	.12	NONE	NONE
	2130F3	#20	1070	.12	NONE	NONE
	2130F4	#20	1070	.24	.12	NONE
75 HP 365TS 1.875" 1/2 x 1/4	2100F2	#20	1070	.12	NONE	NONE
	2100F3	#20	1070	1.56	.56	.88
	2110F2	#20	1080	.25	.12	NONE
	2110F3	#20	1070	1.56	.56	.88
	2120F3	#20	1070	1.36	.62	.62
	2130F3	#20	1070	1.36	.62	.62
	2130F4	#20	1060	.62	.50	NONE

■ See footnote Page 6.



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

Motor HP, Frame, Shaft Dia. & Kw. y.	DRIVE SIZE	Backstop	T10 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
100 HP 404T 2.875" 3/4 x 3/8	2100F2	#60●	1080	.12	NONE	NONE
	2100F2	#20■	1080	.12	NONE	NONE
	2100F3	#20	1080	.12	NONE	NONE
	2110F2	#20	1080	.25	.12	NONE
	2110F3	#20	1080	.12	NONE	NONE
	2120F2	#60	1080	.12	NONE	NONE
	2120F3	#20	1080	.12	NONE	NONE
	2130F3	#20	1080	.12	NONE	NONE
100 HP 404TS 2.125" 1/2 x 1/4	2100F2	#60●	1080	.32	.20	NONE
	2100F2	#20■	1080	.32	.20	NONE
	2100F3	#20	1060	.12	NONE	NONE
	2110F2	#20	1080	.25	.12	NONE
	2110F3	#20	1070	1.00	.88	NONE
	2120F2	#60	1080	.42	.30	NONE
	2120F3	#20	1070	.88	.75	NONE
	2130F3	#20	1070	.88	.75	NONE
125 HP 405T 2.875" 3/4 x 3/8	2100F2	#60●	1080	.12	NONE	NONE
	2100F2	#20■	1080	.12	NONE	NONE
	2100F3	#20	1080	.12	NONE	NONE
	2110F2	#20	1080	.25	.12	NONE
	2110F3	#20	1080	.12	NONE	NONE
	2120F2	#60	1090	.12	NONE	NONE
	2120F3	#20	1080	.12	NONE	NONE
	2130F2	#60	1090	.12	NONE	NONE
2130F3	#20	1080	.12	NONE	NONE	
125 HP 405TS 2.125" 1/2 x 1/4	2100F2	#60●	1080	.32	.20	NONE
	2100F2	#20■	1080	.32	.20	NONE
	2100F3	#20	1060	.12	NONE	NONE
	2110F2	#20	1080	.25	.12	NONE
	2110F3	#20	1080	1.00	.88	NONE
	2120F2	#60	1090	.12	NONE	NONE
	2120F3	#20	1080	.88	.75	NONE
	2130F2	#60	1090	.12	NONE	.25
2130F3	#20	1080	.88	.75	NONE	
150 HP 444T 3.375" 7/8 x 7/16	2100F2	#60●	1090	.12	NONE	NONE
	2100F2	#20■	1090	.12	NONE	NONE
	2110F2	#60●	1090	.12	NONE	NONE
	2110F2	#20■	1090	.12	NONE	NONE
	2110F3	#20	1090	.74	.62	NONE
	2120F2	#60	1090	.12	NONE	NONE
	2120F3	#20	1090	.68	.56	NONE
	2130F2	#60	1090	.12	NONE	NONE
2130F3	#20	1090	.68	.56	NONE	
150 HP 444TS 2.375" 5/8 x 5/16	2100F2	#60●	1080	.12	NONE	NONE
	2100F2	#20■	1080	.12	NONE	NONE
	2110F2	#60●	1090	.12	NONE	NONE
	2110F2	#20■	1080	.25	.12	NONE
	2110F3	#20	1070	.50	.38	NONE
	2120F2	#60	1090	.12	NONE	NONE
	2120F3	#20	1080	.38	.25	NONE
	2130F2	#60	1090	.12	NONE	NONE
2130F3	#20	1080	.38	.25	NONE	
200 HP 445T 3.375" 7/8 x 7/16	2110F2	#60●	1090	.12	NONE	NONE
	2110F2	#20■	1090	.12	NONE	NONE
	2110F3	#20	1090	.74	.62	NONE
	2120F2	#60	1090	.12	NONE	NONE
	2120F3	#20	1090	.68	.56	NONE
	2130F2	#60	1090	.12	NONE	NONE
	2130F3	#20	1090	.68	.56	NONE

- Use a #60 backstop with size 2100FZ2, ratios 5:1-14:1; and size 2110FZ2, ratios 5:1-21:1; and sizes 2120 & 2130FZ2, all ratios.
- Use a #20 backstop with sizes 2100FZ2, ratios 17:1-31:1; and 2110FZ2, ratios 25:1-31:1. NOTE: a #20 backstop is not available with sizes 2120 & 2130FZ2.

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

Motor HP, Frame, Shaft Dia. & Kw. y.	DRIVE SIZE	Backstop	T10 Cplg. Size	Shaft Gap	Hub Overhang	
					Drive	Motor
200 HP 445TS 2.375" 5/8 x 5/16	2110F2	#60●	1080	.24	NONE	NONE
	2110F2	#20■	1090	.12	.12	NONE
	2110F3	#20	1070	.50	.38	NONE
	2120F2	#60	1090	.12	NONE	NONE
	2120F3	#20	1080	.37	.25	NONE
	2130F2	#60	1090	.12	NONE	NONE
	2130F3	#60	1080	.38	.25	NONE

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

DRIVE SIZE	FZ2		FZ3		FZ4	
	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				
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				
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				
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