

Century® Three Phase TEFC General Purpose Motors

Features:

- Rigid Base
- 2, 4 & 6 Pole
- 1 - 200 HP
- NEMA Premium
- Class F Insulation System
- Inverter Duty
- 1.15 Service Factor
- 50/60 Hz (50 Hz @ next lower HP, 1.15 SF)
- CE
- CSA
- UL Approvals
- 40° C Ambient
- IP44
- F1/F2 Mounting
- Rolled Steel Construction or Cast Iron as noted



TE191



TE100



HP	RPM	Volts	Frame	NEW Century Part Number	AMPS @ 60 HZ	NEMA Nom. Efficiency	Inverter Duty	"C" Dimension	Approx. Weight	Notes
1	1200	208-230/460	145T	TE100	3.5-3.2/1.6	82.5%	10:1 CT/10:1 VT	14.2	64	19, 115, 240
1	1200	575	145T	TE101	1.3	82.5%	10:1 CT/10:1 VT	14.2	64	19, 115, 240
1	1800	208-230/460	143T	TE102	3-2.7/1.4	85.5%	10:1 CT/10:1 VT	13.2	53	19, 115, 240
1	1800	575	143T	TE103	1.1	85.5%	10:1 CT/10:1 VT	13.2	53	19, 115, 240
1	1800	200	143T	TE104	3.1	85.5%	10:1 CT/10:1 VT	13.2	53	19, 115, 240
1.5	1200	208-230/460	182T	TE105	5.1-4.7/2.3	87.5%	10:1 CT/10:1 VT	14.8	99	19, 115, 240
1.5	1200	575	182T	TE106	1.9	87.5%	10:1 CT/10:1 VT	14.8	100	19, 115, 240
1.5	1800	200	145T	TE107	4.5	86.5%	10:1 CT/10:1 VT	14.2	62	19, 115, 240
1.5	1800	208-230/460	145T	TE108	4.3-3.9/2	86.5%	10:1 CT/10:1 VT	14.2	62	19, 115, 240
1.5	1800	575	145T	TE109	1.6	86.5%	10:1 CT/10:1 VT	14.2	62	19, 115, 240
1.5	3600	208-230/460	143T	TE110	4.3-3.9/1.9	84.0%	10:1 CT/10:1 VT	13.2	56	19, 115, 240
1.5	3600	575	143T	TE111	1.6	84.0%	10:1 CT/10:1 VT	13.2	56	19, 115, 240
2	1200	208-230/460	184T	TE112	6.7-6/3	88.5%	10:1 CT/10:1 VT	15.81	113	19, 115, 240
2	1200	575	184T	TE113	2.4	88.5%	10:1 CT/10:1 VT	15.81	113	19, 115, 240
2	1800	200	145T	TE114	5.8	86.5%	10:1 CT/10:1 VT	14.2	60	19, 115, 240
2	1800	208-230/460	145T	TE115	5.6-5.1/2.5	86.5%	10:1 CT/10:1 VT	14.2	60	19, 115, 240
2	1800	575	145T	TE116	2	86.5%	10:1 CT/10:1 VT	14.2	60	19, 115, 240
2	3600	208-230/460	145T	TE117	5.5-5/2.5	85.5%	10:1 CT/10:1 VT	14.2	60	19, 115, 240
2	3600	575	145T	TE118	2	85.5%	10:1 CT/10:1 VT	14.2	60	19, 115, 240
3	1200	208-230/460	213T	TE119	9.6-8.7/4.4	89.5%	10:1 CT/10:1 VT	18.23	178	19, 115, 240
3	1200	575	213T	TE120	3.5	89.5%	10:1 CT/10:1 VT	18.23	184	19, 115, 240
3	1800	208-230/460	182T	TE121	8.6-7.7/3.9	89.5%	10:1 CT/10:1 VT	14.8	99	19, 115, 240
3	1800	575	182T	TE122	3.1	89.5%	10:1 CT/10:1 VT	14.8	104	19, 115, 240
3	1800	200	182T	TE123	8.9	89.5%	10:1 CT/10:1 VT	15.15	104	19, 115, 240
3	3600	208-230/460	182T	TE124	8.4-7.6/3.8	86.5%	10:1 CT/10:1 VT	14.8	92	19, 115, 240
3	3600	575	182T	TE125	3	86.5%	10:1 CT/10:1 VT	14.8	95	19, 115, 240
5	1200	208-230/460	215T	TE126	16-14/7.1	89.5%	10:1 CT/10:1 VT	19.73	189	19, 115, 240
5	1200	575	215T	TE127	5.7	89.5%	10:1 CT/10:1 VT	19.73	193	19, 115, 240
5	1800	200	184T	TE128	15	89.5%	10:1 CT/10:1 VT	16.14	115	19, 115, 240
5	1800	208-230/460	184T	TE129	14-13/6.4	89.5%	10:1 CT/10:1 VT	15.81	115	19, 115, 240
5	1800	575	184T	TE130	5.1	89.5%	10:1 CT/10:1 VT	15.81	115	19, 115, 240
5	3600	208-230/460	184T	TE131	14-12/6.2	88.5%	10:1 CT/10:1 VT	15.81	106	19, 115, 240
5	3600	575	184T	TE132	4.9	88.5%	10:1 CT/10:1 VT	15.81	106	19, 115, 240
7.5	1200	208-230/460	254T	TE133	23-21/10	91.0%	10:1 CT/10:1 VT	26.66	330	19, 115, 240
7.5	1200	575	254T	TE134	8.2	91.0%	10:1 CT/10:1 VT	26.66	305	19, 115, 240
7.5	1800	200	213T	TE135	22	91.7%	10:1 CT/10:1 VT	18.23	175	19, 115, 240

Continued on next page

Models in green shaded area are cast iron construction.

Century® Three Phase TEFC General Purpose Motors

HP	RPM	Volts	Frame	NEW Century Part Number	AMPS @ 60 HZ	NEMA Nom. Efficiency	Inverter Duty	"C" Dimension	Approx. Weight	Notes
7.5	1800	208-230/460	213T	TE136	21-19/9.6	91.7%	10:1 CT/10:1 VT	18.23	175	19, 115, 240
7.5	1800	575	213T	TE137	7.7	91.7%	10:1 CT/10:1 VT	18.23	182	19, 115, 240
7.5	3600	208-230/460	213T	TE138	20-19/9.2	89.5%	10:1 CT/10:1 VT	18.23	170	19, 115, 240
7.5	3600	575	213T	TE139	7.4	89.5%	10:1 CT/10:1 VT	18.23	202	19, 115, 240
10	1200	208-230/460	256T	TE140	30-27/14	91.0%	10:1 CT/10:1 VT	25.43	360	19, 115, 240
10	1200	575	256T	TE141	11	91.0%	10:1 CT/10:1 VT	27.84	350	19, 115, 240
10	1800	200	215T	TE142	28.3	91.7%	10:1 CT/10:1 VT	19.73	200	19, 115, 240
10	1800	208-230/460	215T	TE143	27-25/12	91.7%	10:1 CT/10:1 VT	19.73	200	19, 115, 240
10	1800	575	215T	TE144	9.8	91.7%	10:1 CT/10:1 VT	19.73	209	19, 115, 240
10	3600	208-230/460	215T	TE145	26-24/12	90.2%	10:1 CT/10:1 VT	19.73	200	19, 115, 240
10	3600	575	215T	TE146	9.4	90.2%	10:1 CT/10:1 VT	19.73	218	19, 115, 240
15	1200	208-230/460	284T	TE147	44-40/20	91.7%	10:1 CT/10:1 VT	30.04	450	19, 115, 240
15	1200	575	284T	TE148	16	91.7%	10:1 CT/10:1 VT	30.04	450	19, 115, 240
15	1800	208-230/460	254T	TE149	41-37/19	92.4%	10:1 CT/10:1 VT	26.66	330	19, 115, 240
15	1800	575	254T	TE150	15	92.4%	10:1 CT/10:1 VT	26.66	309	19, 115, 240
15	1800	200	254T	TE151	42.6	92.4%	10:1 CT/10:1 VT	26.66	309	19, 115, 240
15	3600	575	254T	TE152	14	91.0%	10:1 CT/10:1 VT	26.66	317	19, 115, 240
15	3600	208-230/460	254T	TE153	39-35/18	91.0%	10:1 CT/10:1 VT	26.66	318	19, 115, 240
20	1200	208-230/460	286T	TE154	58-52/26	91.7%	10:1 CT/10:1 VT	31.22	527	19, 115, 240
20	1200	575	286T	TE155	21	91.7%	10:1 CT/10:1 VT	31.22	509	19, 115, 240
20	1800	200	256T	TE156	55.8	93.0%	10:1 CT/10:1 VT	31.22	350	19, 115, 240
20	1800	208-230/460	256T	TE157	54-49/24	93.0%	10:1 CT/10:1 VT	27.84	374	19, 115, 240
20	1800	575	256T	TE158	19	93.0%	10:1 CT/10:1 VT	27.84	378	19, 115, 240
20	3600	208-230/460	256T	TE159	52-47/23	91.0%	10:1 CT/10:1 VT	27.84	344	19, 115, 240
20	3600	575	256T	TE160	18	91.0%	10:1 CT/10:1 VT	27.84	344	19, 115, 240
25	1200	208-230/460	324T	TE161	73-66/33	93.0%	10:1 CT/10:1 VT	32.68	645	19, 115, 240
25	1200	575	324T	TE162	26	93.0%	10:1 CT/10:1 VT	32.68	645	19, 115, 240
25	1800	200	284T	TE163	69	93.6%	10:1 CT/10:1 VT	30.04	510	19, 115, 240
25	1800	208-230/460	284T	TE164	67-60/30	93.6%	10:1 CT/10:1 VT	30.04	510	19, 115, 240
25	1800	575	284T	TE165	24	93.6%	10:1 CT/10:1 VT	30.04	510	19, 115, 240
25	3600	208-230/460	284TS	TE166	63-57/28	91.7%	10:1 CT/10:1 VT	28.67	510	19, 115, 240
25	3600	575	284TS	TE167	23	91.7%	10:1 CT/10:1 VT	28.67	464	19, 115, 240
30	1200	208-230/460	326T	TE168	88-79/40	93.0%	2:1 CT/10:1 VT	33.86	735	19, 115, 240
30	1200	575	326T	TE169	32	93.0%	2:1 CT/10:1 VT	33.86	670	19, 115, 240
30	1800	208-230/460	286T	TE170	80-72/36	93.6%	10:1 CT/10:1 VT	31.22	566	19, 115, 240
30	1800	575	286T	TE171	29	93.6%	10:1 CT/10:1 VT	31.22	523	19, 115, 240
30	3600	208-230/460	286TS	TE172	75-68/34	91.7%	10:1 CT/10:1 VT	29.85	535	19, 115, 240
30	3600	575	286TS	TE173	27	91.7%	10:1 CT/10:1 VT	29.85	501	19, 115, 240
40	1200	208-230/460	364T	TE174	105-95/47	94.1%	10:1 CT/10:1 VT	36.61	830	19, 115, 240
40	1800	208-230/460	324T	TE175	104-94/47	94.1%	10:1 CT/10:1 VT	32.68	674	19, 115, 240
40	1800	575	324T	TE176	37	94.1%	10:1 CT/10:1 VT	32.68	646	19, 115, 240
40	3600	208-230/460	324TS	TE177	100-90/45	92.4%	10:1 CT/10:1 VT	29.85	674	19, 115, 240
40	3600	575	324TS	TE178	36	92.4%	10:1 CT/10:1 VT	31.18	616	19, 115, 240
50	1200	208-230/460	365T	TE179	131-118/59	94.1%	10:1 CT/10:1 VT	38.39	1025	19, 115, 240
50	1800	208-230/460	326T	TE180	132-119/60	94.5%	2:1 CT/10:1 VT	33.86	725	19, 115, 240
50	1800	575	326T	TE181	48	94.5%	2:1 CT/10:1 VT	33.86	687	19, 115, 240
50	3600	208-230/460	326TS	TE182	124-112/56	93.0%	2:1 CT/10:1 VT	32.36	719	19, 115, 240
50	3600	575	326TS	TE183	45	93.0%	2:1 CT/10:1 VT	32.36	669	19, 115, 240
60	1200	208-230/460	404T	TE184	158-143/72	94.5%	2:1 CT/10:1 VT	42.06	1340	19, 115, 240
60	1800	208-230/460	364T	TE185	152-138/69	95.0%	10:1 CT/10:1 VT	36.61	993	19, 115, 240
60	1800	208-230/460	364TS	TE186	152-138/69	95.0%	10:1 CT/10:1 VT	34.09	945	19, 115, 240
60	1800	575	364T	TE187	55	95.0%	10:1 CT/10:1 VT	36.22	987	19, 115, 240
60	3600	208-230/460	364TS	TE188	149-135/67	93.6%	10:1 CT/10:1 VT	34.09	942	19, 115, 240
75	1200	208-230/460	405T	TE189	196-177/88	94.5%	2:1 CT/10:1 VT	42.06	1436	19, 115, 240
75	1800	208-230/460	365TS	TE190	189-171/86	95.4%	2:1 CT/10:1 VT	35.86	1045	19, 115, 240
75	1800	208-230/460	365T	TE191	189-171/86	95.4%	2:1 CT/10:1 VT	38.39	1083	19, 115, 240
75	1800	575	365T	TE192	68	95.4%	2:1 CT/10:1 VT	37.99	1087	19, 115, 240
75	3600	208-230/460	365TS	TE193	184-167/83	93.6%	2:1 CT/10:1 VT	35.86	1045	19, 115, 240

Models in green shaded area are cast iron construction.

Continued on next page

Century® Three Phase TEFC General Purpose Motors

HP	RPM	Volts	Frame	NEW Century Part Number	AMPS @ 60 HZ	NEMA Nom. Efficiency	Inverter Duty	"C" Dimension	Approx. Weight	Notes
100	1200	208-230/460	444T	TE194	251-227/113	95.0%	2:1 CT/10:1 VT	49.8	2060	19, 115, 240
100	1800	575	405T	TE195	89	95.4%	2:1 CT/10:1 VT	42.06	1446	19, 115, 240
100	1800	208-230/460	405TS	TE197	247-223/112	95.4%	2:1 CT/10:1 VT	39.05	1435	19, 115, 240
100	3600	208-230/460	405TS	TE198	242-219/109	94.1%	2:1 CT/10:1 VT	39.05	1412	19, 115, 240
125	1200	230/460	445T	TE199	287/143	95.0%	2:1 CT/10:1 VT	49.8	2169	19, 115, 240
125	1800	230/460	444T	TE200	279/139	95.4 %	2:1 CT/10:1 VT	49.8	1888	19, 115, 240
125	1800	230/460	444TS	TE201	279/139	95.4%	2:1 CT/10:1 VT	46.05	1888	19, 115, 240
125	1800	575	444T	TE202	112	95.4%	2:1 CT/10:1 VT	49.8	1888	19, 115, 240
125	3600	230/460	444TS	TE203	274/137	95.0%	2:1 CT/10:1 VT	46.05	1925	19, 115, 240
150	1200	230/460	447T	TE204	337/169	95.8%	2:1 CT/10:1 VT	54.9	2587	19, 115, 240
150	1800	230/460	445T	TE205	333/167	95.8%	2:1 CT/10:1 VT	49.8	2161	19, 115, 240
150	1800	575	445T	TE206	133	95.8%	2:1 CT/10:1 VT	49.8	2086	19, 115, 240
150	3600	230/460	445TS	TE207	329/164	95.0%	2:1 CT/10:1 VT	46.05	2150	19, 115, 240
200	1200	460	449T	TE208	227	95.8%	2:1 CT/10:1 VT	54.9	2650	19, 115, 240
200	1800	460	447T	TE209	221	96.2%	2:1 CT/10:1 VT	54.9	2461	19, 115, 240
200	1800	575	447T	TE210	177	96.2%	2:1 CT/10:1 VT	54.9	2486	19, 115, 240
200	3600	230/460	447TS	TE211	436/218	95.4%	2:1 CT/10:1 VT	51.16	2580	19, 115, 240

Models in green shaded area are cast iron construction.



Speed Engineered® motors are specially designed, tested and warranted to be **Corona-Free**. See pages 1 and 2 of this catalog for more Speed Engineered® motors information.

