

PERFORMANCE DATA

T-FRAME MOTORS: 2-POLE MODELS



NEMA Premium Efficiency Motors

HP	Model No.	At Full Load (460V)					At Full Load (380V)					Locked Current (460V)	Locked Current (380V)	Full Load Torque (lb. ft.)	Locked Torque (%) FLT	Break-down Torque (%)	Net Weight (lbs.)
		Speed	AMPS (460V)	Power Factor	Effi.	NEMA Code	Speed	AMPS (380V)	Power Factor	Effi.	NEMA Code						
1.5	2TEP143T-1.5	3600	2.0	0.85	84	M	3000	1.3	0.85	82.5	M	20	27	2.22	260	320	64
2	2TEP145T-2	3600	2.4	0.9	85.5	L	3000	2.5	0.9	84	M	25	34	3	260	280	66
3	2TEP182T-3	3600	3.7	0.89	86.5	K	3000	3.7	0.89	85.5	L	32	43	4.49	200	330	101
5	2TEP184T-5	3600	5.8	0.92	88.5	J	3000	5.6	0.92	87.5	K	46	61	7.46	180	320	121
7.5	2TEP213T-7.5	3600	8.8	0.91	89.5	H	3000	8.5	0.91	88.5	J	63	84	11.2	180	300	181
10	2TEP215T-10	3600	11.2	0.93	90.2	H	3000	11.5	0.93	89.5	H	81	107	14.9	180	290	190
15	2TEP254T-15	3600	22.4	0.84	91	G	3000	17.4	0.84	90.2	H	116	154	22.4	180	290	326
20	2TEP256T-20	3600	22.5	0.89	91	G	3000	23.3	0.89	90.2	H	145	194	29.8	170	250	348
25	2TEP284TS-25	3600	28.0	0.92	91.7	G	3000	28.7	0.92	91	H	182	243	37.2	180	270	437
30	2TEP286TS-30	3600	33.7	0.92	91.7	G	3000	33.6	0.92	91	H	217	289	44.5	180	280	454
40	2TEP324TS-40	3600	44.5	0.92	92.4	G	3000	45.8	0.92	91.7	H	290	387	59.2	180	280	611
50	2TEP326TS-50	3600	55.0	0.92	93	G	3000	56.3	0.92	92.4	H	362	482	73.9	175	260	626
60	2TEP364TS-60	3600	66.0	0.92	93.6	G	3000	68.2	0.92	93	H	435	578	88.6	180	275	794
75	2TEP365TS-75	3600	82.5	0.92	93.6	G	3000	82.4	0.92	93	H	542	722	111	190	275	814
100	2TEP405TS-100	3600	109.0	0.92	94.1	G	3000	111.1	0.92	93.6	H	725	965	147	180	280	1199
125	2TEP444TS-125	3600	135	0.92	95	G	3000	133.2	0.92	94.5	H	1085	1207	220	195	245	1676
150	2TEP445TS-150	3600	162	0.92	95	G	3000	162.4	0.92	94.5	H	1450	1441	294	185	210	1764
200	2TEP447TS-200	3600	213	0.93	95.4	G	3000	219.2	0.93	95	H	1825	1927	368	180	210	2414
250	2TEP449TS-250	3600	266	0.93	95.8	G	3000	268.5	0.93	95.4	H	2200	2534	442	180	210	2425

NOTE: Data does not reflect electrical and mechanical losses. Data is typical sine wave power unless noted otherwise. NEMA nominal and minimum efficiencies are up to 3300 feet above sea level and 25° C ambient.



PERFORMANCE DATA

T-FRAME MOTORS: 4-POLE MODELS



NEMA Premium Efficiency Motors

HP	Model No.	At Full Load (460V)					At Full Load (380V)					Locked Current (460V)	Locked Current (380V)	Full Load Torque (lb. ft.)	Locked Torque (%) FLT	Break-down Torque (%)	Net Weight (lbs.)
		Speed	AMPS (460V)	Power Factor	Effi.	NEMA Code	Speed	AMPS (380V)	Power Factor	Effi.	NEMA Code						
1	4TEP143T-1	1800	1.5	0.76	85.5	M	1500	1.4	0.76	84	P	25	20	6.05	320	330	66
1.5	4TEP145T-1.5	1800	2.2	0.76	86.5	M	1500	2.1	0.76	85.5	N	20	27	4.54	320	330	68
2	4TEP145T-2	1800	2.8	0.8	86.5	L	1500	2.6	0.8	85.5	M	32	34	9	250	320	66
3	4TEP182T-3	1800	4.0	0.82	89.5	K	1500	3.8	0.82	88.5	L	46	43	15	240	290	101
5	4TEP184T-5	1800	6.3	0.85	89.5	J	1500	6.2	0.85	88.5	H	63	61	22.5	195	260	112
7.5	4TEP213T-7.5	1800	9.0	0.85	91.7	H	1500	9.1	0.85	91	j	81	84	30	190	250	190
10	4TEP215T-10	1800	12.0	0.86	91.7	H	1500	12.4	0.86	91	H	116	107	44.8	185	230	196
15	4TEP254T-15	1800	18.0	0.86	92.4	G	1500	19	0.86	91.7	H	145	154	59.8	200	220	328
20	4TEP256T-20	1800	24.0	0.85	93	G	1500	24.6	0.85	92.4	H	182	194	74.3	180	260	351
25	4TEP286T-25	1800	28.5	0.9	93.6	G	1500	29.5	0.9	93	H	217	243	89.1	185	280	463
30	4TEP286T-30	1800	34.0	0.9	93.6	G	1500	34.7	0.9	93	H	290	289	119	180	260	485
40	4TEP324T-40	1800	45.0	0.89	94.1	G	1500	46.1	0.89	93.6	H	362	387	148	175	250	661
50	4TEP326T-50	1800	56.0	0.9	94.5	G	1500	56.2	0.9	94.1	H	435	482	178	195	280	672
60	4TEP364T-60	1800	67.0	0.9	95	G	1500	68.1	0.9	94.5	H	542	578	222	195	260	827
75	4TEP365T-75	1800	83.0	0.9	95.4	G	1500	82.2	0.9	95	H	725	722	295	185	220	842
100	4TEP405T-100	1800	110.0	0.9	95.4	G	1500	112.2	0.9	95	H	907	965	184	190	250	606
125	4TEP444T-125	1800	137	0.91	95.4	G	1500	132.8	0.91	95	H	907	1207	369	180	250	1720
150	4TEP445T-150	1800	164	0.91	95.8	G	1500	161.4	0.91	95.4	H	1085	1441	443	190	250	2006
200	4TEP447T-200	1800	216	0.91	96.2	G	1500	219.3	0.91	95.8	H	1450	1927	590	195	240	2436
250	4TEP449T-250	1800	270	0.91	96.2	G	1500	270.5	0.91	95.8	H	1825	2534	735.6	190	220	2491
300	4TEP449T-300	1800	325	0.91	96.2	G	1500	326.8	0.91	95.8	H	2200	3026	885	195	240	2723

NOTE: Data does not reflect electrical and mechanical losses. Data is typical sine wave power unless noted otherwise. NEMA nominal and minimum efficiencies are up to 3300 feet above sea level and 25° C ambient.



PERFORMANCE DATA

T-FRAME MOTORS: 6-POLE MODELS



NEMA Premium Efficiency Motors

HP	Model No.	At Full Load (460V)					At Full Load (380V)					Locked Current (460V)	Locked Current (380V)	Full Load Torque (lb. ft.)	Locked Torque (%) FLT	Break-down Torque (%)	Net Weight (lbs.)
		Speed	AMPS (460V)	Power Factor	Effi.	NEMA Code	Speed	AMPS (380V)	Power Factor	Effi.	NEMA Code						
1	6TEP145T-1	1200	1.7	0.69	82.5	M	1000	1.9	0.69	81.5	S	15	20	4.6	260	330	68
1.5	6TEP182T-1.5	1200	2.3	0.71	87.5	M	1000	2.6	0.71	86.5	N	20	27	6.8	240	340	99
2	6TEP184T-2	1200	2.9	0.74	88.5	L	1000	3.6	0.74	87.5	M	25	34	9.1	230	300	112
3	6TEP213T-3	1200	4.2	0.75	89.5	K	1000	4.9	0.75	88.5	L	32	43	13.5	200	300	172
5	6TEP215T-5	1200	6.7	0.79	89.5	J	1000	8	0.79	88.5	K	46	61	22.5	200	250	187
7.5	6TEP254T-7.5	1200	9.8	0.79	91	H	1000	12.3	0.79	90.2	J	63	84	33.7	200	240	311
10	6TEP256T-10	1200	13.2	0.79	91	H	1000	15.9	0.79	90.2	H	81	107	44.9	200	230	335
15	6TEP284T-15	1200	18.5	0.84	91.7	G	1000	18.8	0.84	91	H	116	154	67.1	200	255	434
20	6TEP286T-20	1200	24.5	0.85	91.7	G	1000	30.4	0.85	91	H	145	194	89.4	210	250	448
25	6TEP324T-25	1200	29.5	0.86	93	G	1000	29.5	0.86	92.4	H	182	243	111	200	250	586
30	6TEP326T-30	1200	35.5	0.85	93	G	1000	41.9	0.85	92.4	H	217	289	134	200	235	619
40	6TEP364T-40	1200	46.5	0.86	94.1	G	1000	55.2	0.86	93.6	H	290	387	178	200	235	672
50	6TEP365T-50	1200	58.0	0.87	94.1	G	1000	67.8	0.87	93.6	H	362	482	223	200	220	860
60	6TEP404T-60	1200	68.0	0.88	94.5	G	1000	83	0.88	94.1	H	435	578	268	190	210	1175
75	6TEP405T-75	1200	85.0	0.88	94.5	G	1000	100.6	0.88	94.1	H	542	722	335	190	210	1210
100	6TEP444T-100	1200	113	0.89	95	F	1000	136	0.89	94.5	H	725	965	445	195	210	1733
125	6TEP445T-125	1200	140	0.89	95	G	1000	162.6	0.89	94.5	H	907	1207	554	190	210	1836
150	6TEP447T-150	1200	165	0.89	95.8	G	1000	197.1	0.89	95.4	H	1085	1441	665	185	215	2138
200	6TEP449T-200	1200	220	0.89	95.8	G	1000	268.8	0.89	95.4	H	1450	1927	885	190	210	2524
250	6TEP449T-250	1200	292	0.835	95.8	G	1000	297.5	0.835	95.4	H	1825	2534	1113	225	260	2597
300	6TEP449T-300	1200	349	0.84	95.8	G	1000	474	0.84	95.4	H	2200	3026	1322	140	230	2815

NOTE: Data does not reflect electrical and mechanical losses. Data is typical sine wave power unless noted otherwise. NEMA nominal and minimum efficiencies are up to 3300 feet above sea level and 25° C ambient.

