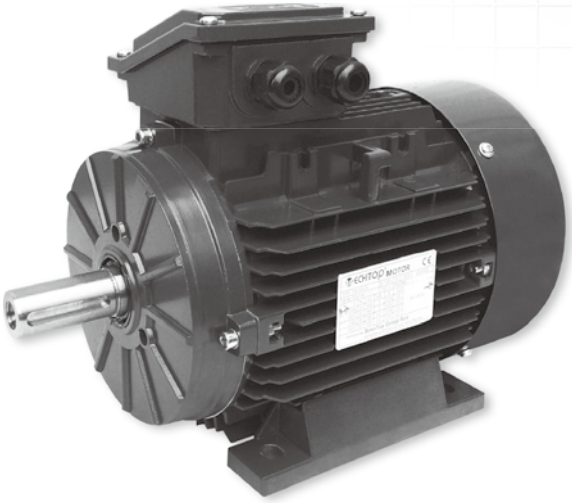
“ECOL” Motors
In Aluminum Housing

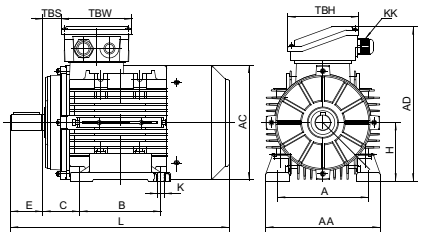
FEATURES

- Energy savings, high efficiency
- High starting torque, lower starting current
- Versatile and easy to modify design adapts to a variety of applications
- Removable feet
- Option of terminal box location (top, left or right)
- Option of IE2, IE3, MEPS High and Premium Efficiency for IEC standards + NEMA EPACT and Premium Efficiency
- Contained total length is the same as or shorter than the current market standard
- Full use of the magnetization properties of cold rolled silicone steel in which the stator laminations are magnetized evenly to reduce temperature rise of the winding

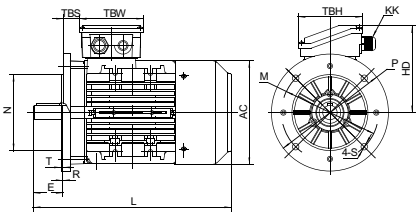
APPLICATIONS

- Pumps
- Waste water treatment plants
- Air compressors, fans
- Gear reducers and power transmission
- Pulp and paper mills
- Steel mill
- Conveyors, elevators
- Should be "Material handling equipment"
- Agricultural application
- Mining equipment
- Hydraulic equipment





56-160 IM B3



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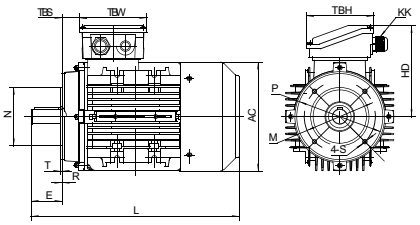

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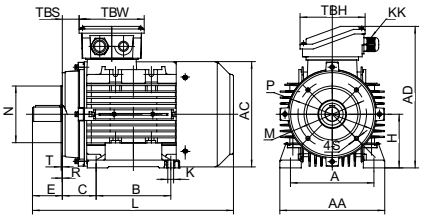

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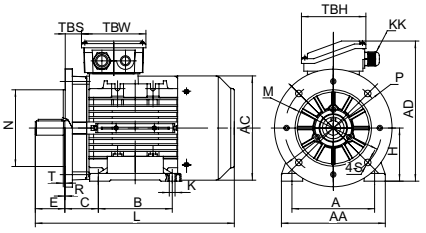
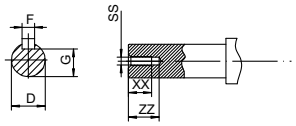
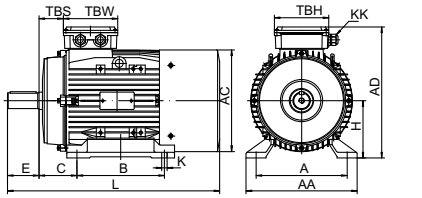


56-160 IM B35





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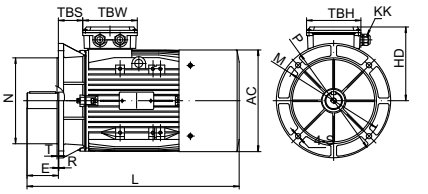

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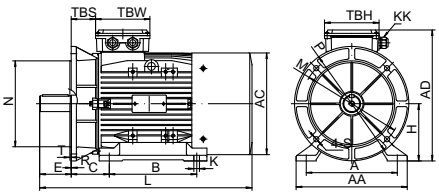


180-200 IM B35

Overall & Installation Dimensions

FRAME	Foot Mounting				Shaft								General							
	H	A	B	C	D	E	F	G	K	SS	XX	ZZ	AA	AD	HD	AC	L	TBS	TBW	TBH
TA 56	56	90	71	36	Φ9	20	3	7.2	6×9	M4	10	14	112	152	96	Φ110	195	16.5	83	83
TA 63	63	100	80	40	Φ11	23	4	8.5	7×10	M4	10	14	124	173	110	Φ122	217	10	98	98
TA 71	71	112	90	45	Φ14	30	5	11	7×10	M5	12	17	140	190	119	Φ138	245	16	98	98
TA 80	80	125	100	50	Φ19	40	6	15.5	10×15	M6	16	21	160	217	137	Φ157	280/304	26.5	109	109
TA 90S	90	140	100	56	Φ24	50	8	20	10×15	M8	19	25	176	237	147	Φ177	315/340	28.5	109	109
TA 90L	90	140	125	56	Φ24	50	8	20	10×15	M8	19	25	176	237	147	Φ177	340/365	28.5	109	109
TA 100	100	160	140	63	Φ28	60	8	24	12×16	M10	22	30	200	262	162	Φ199	376/411	32	118	118
TA 112	112	190	140	70	Φ28	60	8	24	12×16	M10	22	30	224	287	175	Φ220	398	33	118	118
TA 132S/M	132	216	140/178	89	Φ38	80	10	33	12×16	M12	28	37	260	327	195	Φ261	460/498	36.5	118	118
TA 160M/L	160	254	210/254	108	Φ42	110	12	37	15×21	M16	36	45	314	395	235	Φ314	616/660	64	148	148
TA 180	180	279	241/279	121	Φ48	110	14	42.5	15×25	M16	36	45	340	442	262	Φ355	730	73	190	190
TA 200	200	318	305	133	Φ55	110	16	49	19×29	M20	42	53	390	462	262	Φ355	745	85	190	190

FRAME	KK	B5						B14						B5R						B14B					
		N	M	P	S	T	R	N	M	P	S	T	R	N	M	P	T	S	R	N	M	P	T	S	R
TA 56	1–M16*1.5	Φ80	Φ100	Φ120	Φ7	3	0	Φ50	Φ65	Φ80	M5	2.5	0												
TA 63	1–M16*1.5	Φ95	Φ115	Φ140	Φ10	3	0	Φ60	Φ75	Φ90	M5	2.5	0							Φ80	Φ100	Φ120	3	M6	0
TA 71	1–M20*1.5	Φ110	Φ130	Φ160	Φ10	3.5	0	Φ70	Φ85	Φ105	M6	2.5	0	Φ95	Φ115	Φ140	3	Φ10	0	Φ95	Φ115	Φ140	3	M8	0
TA 80	1–M20*1.5	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ80	Φ100	Φ120	M6	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0
TA 90S/L	1–M20*1.5	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ95	Φ115	Φ140	M8	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0
TA 100	2–M20*1.5	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0
TA 112	2–M25*1.5	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0
TA 132S/M	2–M25*1.5	Φ230	Φ265	Φ300	Φ15	4	0	Φ130	Φ165	Φ200	M10	3.5	0	Φ180	Φ215	Φ250	4	Φ15	0	Φ180	Φ215	Φ250	4	M12	0
TA 160M/L	2–M32*1.5	Φ250	Φ300	Φ350	Φ19	5	0	Φ180	Φ215	Φ250	M12	4	0												
TA 180	2–M32*1.5	Φ250	Φ300	Φ350	Φ19	5	0																		
TA 200	2–M40*1.5	Φ300	Φ350	Φ400	Φ19	5	0																		

T1A Series IE1 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_st/T_n (Times)	T_max/T_n (Times)	T_min/T_n (Times)	Ist/In (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m^2)
T1A 561–2	0.09	0.67	0.39	0.22	0.64	0.37	0.21	0.62	0.36	0.21	2800	3360	52.6	46.6	36.2	0.67	2.4	2.6	2.2	3.5	58	2.8	0.00010
T1A 562–2	0.12	0.86	0.50	0.29	0.82	0.47	0.27	0.79	0.45	0.26	2840	3410	53.3	51.0	41.2	0.69	2.3	2.6	2.1	4.3	58	3	0.00013
T1A 563–2	0.18	1.02	0.59	0.34	0.97	0.56	0.32	0.94	0.54	0.31	2780	3340	60.1	58.2	50.5	0.77	2.3	2.5	2.4	4.1	61	3.5	0.00014
T1A 631–2	0.18	1.05	0.60	0.35	1.00	0.57	0.33	0.96	0.55	0.32	2840	3440	60.3	59.4	53.8	0.75	2	2.5	1.7	4.7	61	3.7	0.00015
T1A 632–2	0.25	1.31	0.76	0.44	1.25	0.72	0.42	1.20	0.69	0.40	2840	3400	64.3	60.8	52.8	0.78	2.5	2.7	2	5.2	61	4.1	0.00017
T1A 633–2	0.37	1.84	1.06	0.61	1.75	1.01	0.58	1.69	0.97	0.56	2840	3400	67.8	64.7	59.4	0.78	2	2.4	1.8	5.1	62	4.6	0.00020
T1A 711–2	0.37	1.81	1.05	0.60	1.72	0.99	0.57	1.66	0.96	0.55	2820	3390	68	64.4	60.2	0.79	2	2.2	1.5	5	64	5.34	0.00037
T1A 712–2	0.55	2.48	1.43	0.83	2.35	1.36	0.78	2.27	1.31	0.76	2840	3410	72.1	71.4	68.8	0.81	2.3	2.5	1.7	5.7	64	6.14	0.00046
T1A 713–2	0.75	3.05	1.76	1.02	2.90	1.67	0.97	2.79	1.61	0.93	2840	3410	77.1	77.5	74.8	0.84	2.6	2.6	1.7	6	65	7.1	0.00048
T1A 800–2	0.55	2.59	1.50	0.86	2.46	1.42	0.82	2.37	1.37	0.79	2880	3450	73.5	69.2	65.2	0.76	2.4	2.8	1.5	6.3	64	8	0.00048
T1A 801–2	0.75	3.35	1.93	1.12	3.18	1.84	1.06	3.07	1.77	1.02	2870	3440	73.7	71.7	65.4	0.80	2.1	2.5	1.5	5.7	67	8.15	0.00090
T1A 802–2	1.1	4.41	2.55	1.47	4.19	2.42	1.40	4.04	2.33	1.35	2870	3440	79	78.8	75.4	0.83	2.6	2.8	1.8	6.5	67	9.7	0.00112
T1A 803–2	1.5	5.87	3.39	1.96	5.58	3.22	1.86	5.38	3.10	1.79	2870	3440	81	81.1	78.5	0.83	2.7	3	2.1	6.8	70	11	0.00135
T1A 804–2	2.2	8.02	4.63	2.67	7.62	4.40	2.54	7.35	4.24	2.45	2870	3440	82	83.3	82.5	0.88	3.6	3	2.8	7.6	72	13.2	0.00181
T1A 90S–2	1.5	5.94	3.43	1.98	5.65	3.26	1.88	5.44	3.14	1.81	2880	3450	80	79.8	76.7	0.83	2.3	2.8	1.4	6.6	72	12.3	0.00186
T1A 90L1–2	2.2	8.25	4.77	2.75	7.84	4.53	2.61	7.56	4.36	2.52	2880	3460	83.5	84	82.2	0.84	2.6	2.7	1.8	7.1	72	14.9	0.00231
T1A 90L2–2	3	10.8	6.24	3.60	10.3	5.92	3.42	9.89	5.71	3.30	2900	3480	86	86.5	85.2	0.85	2.9	3	1.9	8.1	74	17.1	0.00297
T1A 100L1–2	3	11.3	6.54	3.77	10.8	6.21	3.59	10.4	5.99	3.46	2900	3480	83	82.7	80	0.84	2.7	3.2	2.1	7.7	76	20.1	0.00378
T1A 100L2–2	4	15.0	8.67	5.00	14.3	8.23	4.75	13.7	7.93	4.58	2890	3470	84.5	84.4	82.1	0.83	3.1	3.6	2.8	8.1	77	23	0.00466
T1A 100L3–2	5.5	18.7	10.8	6.23	17.8	10.25	5.92	17.1	9.88	5.70	2900	3480	88	88.6	87.7	0.88	3.3	3.6	2.5	10.1	78	26	0.00591
T1A 112M1–2	4	14.2	8.2	4.75	13.5	7.81	4.51	13.0	7.53	4.34	2910	3490	85	85	83.6	0.87	2.8	3.6	1.7	9.2	77	26.15	0.00631
T1A 112M2–2	5.5	19.0	11.0	6.34	18.1	10.4	6.02	17.4	10.1	5.80	2900	3480	86.5	87	86	0.88	3	3.8	2.2	9.8	78	31.2	0.00780
T1A 112M3–2	7.5	25.8	14.9	8.59	24.5	14.1	8.16	23.6	13.6	7.87	2910	3490	88	88	86.4	0.87	3.8	4.2	2.7	10.3	80	37	0.00983
T1A 132S1–2	5.5	18.8	10.9	6.27	17.9	10.3	5.95	17.2	9.9	5.74	2900	3480	86.5	87.2	86.1	0.89	2.1	2.9	1.7	7.8	80	37.6	0.01206
T1A 132S2–2	7.5	25.7	14.8	8.55	24.4	14.1	8.13	23.5	13.6	7.83	2890	3470	88.4	89.1	88.4	0.87	2.7	3.2	2.5	8.2	80	45	0.01521
T1A 132M1–2	9.2	30.6	17.6	10.2	29.0	16.8	9.68	28.0	16.2	9.33	2910	3490	88	88.1	86.5	0.90	3.1	3.8	1.7	9.7	81	51	0.01783
T1A 132M2–2	11	36.5	21.1	12.2	34.7	20.0	11.6	33.5	19.3	11.2	2920	3500	89	89	87.3	0.89	3.3	4	1.8	10.7	83	56.5	0.02036
T1A 132M3–2	15	50.4	29.1	16.8	47.9	27.7	16.0	46.2	26.7	15.4	2940	3530	91	90.7	89.1	0.86	4	4.5	2.5	14	86	73	0.02856
T1A 160M1–2	11	38.3	22.1	12.8	36.4	21.0	12.1	35.1	20.2	11.7	2940	3530	90	90	88.6	0.84	2.6	3.1	1.5	7.9	86	72	0.04438
T1A 160M2–2	15	49.3	28.5	16.4	46.9	27.1	15.6	45.2	26.1	15.1	2940	3530	89.9	90.4	89.6	0.89	2.6	2.9	1.4	8.5	86	82	0.05580
T1A 160L1–2	18.5	62.9	36.3	21.0	59.8	34.5	19.9	57.6	33.3	19.2	2950	3540	91	91.2	89.7	0.85	2.8	3.5	1.7	9.4	86	94.1	0.06559
T1A 160L2–2	22	72.3	41.8	24.1	68.7	39.7	22.9	66.2	38.2	22.1	2950	3540	92	92	90.9	0.87	3.4	3.2	1.9	9.4	91	104.5	0.07702
T1A 180M–2	22	71.5	41.3	23.8	67.9	39.2	22.6	65.4	37.8	21.8	2950	3540	90	90.2	89.7	0.90	2	2.2	1.2	7.5	88	121	0.09018
T1A 200L1–2	30	96.2	55.5	32.1	91.4	52.8	30.5	88.1	50.8	29.4	2950	3540	91.2	90.6	88.5	0.90	2	2.2	1.2	7.5	90	144	0.11500
T1A 200L2–2	37	117.6	67.9	39.2	111.7	64.5	37.2	107.7	62.2	35.9	2940	3530	92	92.1	91.4	0.90	2	2.2	1.2	7.5	90	170	0.13674
T1A 561–4	0.06	0.54	0.31	0.18	0.52	0.30	0.17	0.50	0.29	0.17	1400	1680	52.8	47.7	38.7	0.55	3.1	3.2	3	3.2	50	2.9	0.00019
T1A 562–4	0.09	0.71	0.41	0.24	0.68	0.39	0.23	0.65	0.38	0.22	1400	1680	56.2	51.7	43.1	0.59	2.3	2.5	2.8	3.1	50	3.2	0.00024
T1A 563–4	0.12	0.88	0.51	0.29	0.84	0.49	0.28	0.81	0.47	0.27	1390	1670	58.5	54.3	45.6	0.61	2.65	2.8	2.7	3.2	52	3.7	0.00026
T1A 631–4	0.12	0.84	0.48	0.28	0.79	0.46	0.26	0.77	0.44	0.26	1395	1670	58.1	54.8	46.8	0.65	2.1	2.3	1.7	3.5	52	3.7	0.00027
T1A 632–4	0.18	1.09	0.63	0.36	1.04	0.60	0.35	1.00	0.58	0.33	1370	1645	63.7	59.4	54.8	0.68	2.2	2.3	2.1	3.5	52	4.4	0.00030
T1A 633–4	0.25	1.36	0.78	0.45	1.29	0.74	0.43	1.24	0.72	0.41	1360	1630	65.5	65.8	62.2	0.74	2.1	2.3	2	3.9	54	5	0.00040
T1A 634–4	0.37	1.84	1.06	0.61	1.75	1.01	0.58	1.69	0.97	0.56	1340	1610	69.5	71.0	69.0	0.76	2.2	2.2	2.1	3.9	55	5.7	0.00049
T1A 711–4	0.25	1.40	0.81	0.47	1.33	0.77	0.44	1.28	0.74	0.43	1390	1670	69	67.9	62.4	0.68	2.2	2.3	1.8	4.1	55	5.06	0.00059
T1A 712–4	0.37	1.85	1.07	0.62	1.76	1.02	0.59	1.70	0.98	0.57	1385	1665	70	70.5	66.2	0.75	2	2.2	1.7	4.3	55	5.96	0.00072
T1A 713–4	0.55	2.54	1.47	0.85	2.41	1.39	0.80	2.33	1.34	0.78	1390	1670	74	75.3	72.6	0.77	2.2	2.3	1.8	4.7	57	7.06	0.00097
T1A 714–4	0.75	3.53	2.04	1.18	3.36	1.94	1.12	3.24	1.87	1.08	1380	1655	76.5	77	75.2	0.73	2.8	2.7	2.2	5.2	58	8.2	0.00119
T1A 801–4	0.55	2.64	1.53	0.88	2.51	1.45	0.84	2.42	1.40	0.81	1420	1705	73	72.2	67.1	0.75	2	2.3	1.6	4.8	57	8.25	0.00145
T1A 802–4	0.75	3.39	1.96	1.13	3.22	1.86	1.08	3.11	1.79	1.04	1410	1695	76.5	77.8	75.4	0.76	2.1	2.3	1.7	4.8	58	9.75	0.00169
T1A 803–4	1.1	4.73	2.73	1.58	4.49	2.59	1.50	4.33	2.50	1.44	1405	1685	78.5	80.7	79.8	0.78	2.3	2.4	2	5.1	61	11.2	0.00217
T1A 90S–4	1.1	4.85	2.80	1.62	4.61	2.66	1.54	4.44	2.56	1.48	1410	1690	77.5	77.5	75.4	0.77	2.5	2.7	2.2	5.5	61	12.3	0.00268
T1A 90L1–4	1.5	6.26	3.62	2.09	5.95	3.44	1.98	5.74	3.31	1.91	1410	1695	80.8	81.7	79.7	0.78	2.9	3	2.5	6.2	61	15.1	0.00352
T1A 90L2–4	2.2	8.84	5.10	2.95	8.39	4.85	2.80	8.09	4.67	2.70	1410	1690	81.9	83.2	82	0.80	3.2	3.1	2.6	6.7	64	17.78	0.00469
T1A 100L1–4	2.2	8.88	5.13	2.96	8.44	4.87	2.81	8.13	4.70	2.71	1430	1715	82.5	83.5	82.1	0.79	2.2	2.7	1.9	6.3	64	19.75	0.00678
T1A 100L2–4	3	11.4	6.58	3.80	10.8	6.25	3.61	10.4	6.02	3.48	1430	1715	84.5	85.4	84.4	0.82	2.5	2.8	2.1	6.7	64	23.1	0.00842
T1A 100L3–4	4	15.2	8.75	5.05	14.4	8.31	4.80	13.9	8.01	4.63	1440	1730	84.7	84.3	81.9	0.82	3	3.5	2.6	7.1	65	28.2	0.01073
T1A 112M1–4	4	15.2	8.78	5.07	14.4	8.34	4.81	13.9	8.04	4.64	1440	1730	85.5	85.6	83.7	0.81	2.9	3	2.1	7.3	65	29.8	0.01323
T1A 112M2–4	5.5	20.4	11.8	6.81	19.4	11.2	6.47	18.7	10.8	6.23	1440	1730	87.5	88.4	87.8	0.81	2.6	3.5	2.4	7.9	71	36	0.01684
T1A 132S–4	5.5	20.5	11.9	6.84	19.5	11.3	6.50	18.8	10.9	6.26	1450	1740	86	86.4	84.8	0.82	1.8	2.9	1.7	7.1	71	42.2	0.02801
T1A 132M1–4	7.5	26.6	15.4	8.87	25.3	14.6	8.43	24.4	14.1	8.12	1460	1750	88.3	89.3	89.1	0.84	2.4	2.7	1.4	8.4	71	52.6	0.03714

T1A Series IE1 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	Ist/In (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m²)
T1A 132M2–4	9.2	33.8	19.5	11.3	32.1	18.5	10.7	30.9	17.9	10.3	1450	1740	88.5	88.7	87.3	0.81	3.1	3.4	1.7	8.9	74	55	0.04360
T1A 132M3–4	11	38.2	22.1	12.7	36.3	21.0	12.1	35.0	20.2	11.7	1460	1750	90.2	91	90.7	0.84	3.1	2.8	1.3	9.5	75	64	0.05134
T1A 160M–4	11	39.1	22.6	13.0	37.1	21.4	12.4	35.8	20.7	11.9	1460	1750	88.2	89.2	87.8	0.84	2.3	2.8	1.4	6.8	75	77.5	0.08025
T1A 160L1–4	15	51.6	29.8	17.2	49.0	28.3	16.4	47.3	27.3	15.8	1450	1750	88.9	90.5	90.9	0.86	2.1	2.1	1.1	6.8	75	96	0.10564
T1A 160L2–4	18.5	64.5	37.3	21.5	61.3	35.4	20.4	59.1	34.1	19.7	1460	1755	90.9	91.4	91.1	0.83	2.4	2.5	1.4	7.6	78	104	0.12762
T1A 160L3–4	22	74.0	42.7	24.7	70.3	40.6	23.4	67.8	39.1	22.6	1470	1760	92	92.3	91.5	0.85	2.6	2.9	1.4	9	80	118.5	0.14960
T1A 180M–4	18.5	62.6	36.1	20.9	59.4	34.3	19.8	57.3	33.1	19.1	1460	1755	90.5	90.7	89.9	0.86	2.2	2.2	1.4	7.5	80	118	0.15506
T1A 180L–4	22	74.0	42.7	24.7	70.3	40.6	23.4	67.7	39.1	22.6	1460	1755	91	91.3	90.6	0.86	2.2	2.2	1.4	7.5	80	128	0.17329
T1A 200L–4	30	99.8	57.6	33.3	94.8	54.7	31.6	91.4	52.8	30.5	1470	1765	92	92.2	91.6	0.86	2.2	2.2	1.4	7.5	83	153	0.22408
T1A 562–6	0.06	0.57	0.33	0.19	0.54	0.31	0.18	0.52	0.30	0.17	920	1105	52.5	47.5	39.3	0.53	2.7	2.9	2.6	2.6	50	3	0.00033
T1A 631–6	0.09	0.74	0.42	0.25	0.70	0.40	0.23	0.67	0.39	0.22	870	1040	51.1	49.2	42.5	0.63	1.8	2	1.9	2.6	50	4.2	0.00042
T1A 632–6	0.12	0.95	0.55	0.32	0.90	0.52	0.30	0.87	0.50	0.29	850	1020	49.6	49.2	41.4	0.67	1.8	2	1.8	2.7	50	4.5	0.00052
T1A 633–6	0.18	1.33	0.77	0.44	1.26	0.73	0.42	1.22	0.70	0.41	850	1020	54	52	47.6	0.66	2	2.1	1.9	3	52	4.8	0.00060
T1A 711–6	0.18	1.29	0.75	0.43	1.23	0.71	0.41	1.19	0.68	0.40	890	1070	54.6	52.4	44.3	0.67	1.9	2.2	1.8	3.1	52	5.6	0.00084
T1A 712–6	0.25	1.67	0.97	0.56	1.59	0.92	0.53	1.53	0.88	0.51	910	1095	59.6	57.7	50.2	0.66	2.1	2.3	1.9	3.4	52	6	0.00096
T1A 713–6	0.37	2.23	1.28	0.74	2.11	1.22	0.70	2.04	1.18	0.68	900	1080	66.3	65.5	59.7	0.66	2.4	2.5	2.3	3.7	54	6.8	0.00115
T1A 801–6	0.37	2.42	1.40	0.81	2.30	1.33	0.77	2.21	1.28	0.74	910	1090	61	58.6	50.7	0.66	1.9	2.2	1.8	3.2	56	8	0.00160
T1A 802–6	0.55	2.99	1.73	1.00	2.84	1.64	0.95	2.74	1.58	0.91	920	1105	71.2	71.1	66	0.68	1.9	2.3	1.8	3.8	56	9.25	0.00204
T1A 803–6	0.75	3.86	2.23	1.29	3.67	2.12	1.22	3.54	2.04	1.18	910	1095	72	73.1	69.6	0.71	1.9	2.2	1.8	3.9	58	10.6	0.00263
T1A 90S–6	0.75	4.06	2.34	1.35	3.86	2.23	1.29	3.72	2.15	1.24	940	1130	71.5	70.9	65.8	0.68	1.8	2.2	1.5	4.1	59	11.8	0.00327
T1A 90L1–6	1.1	5.97	3.45	1.99	5.67	3.27	1.89	5.46	3.15	1.82	930	1120	73.5	73.4	69	0.66	1.9	2.3	1.8	4.1	59	14.2	0.00428
T1A 90L2–6	1.5	6.98	4.03	2.33	6.63	3.83	2.21	6.39	3.69	2.13	925	1110	77.5	78.7	76.6	0.73	2.2	2.5	1.9	4.8	61	15.5	0.00549
T1A 100L–6	1.5	7.22	4.17	2.41	6.86	3.96	2.29	6.61	3.82	2.20	940	1130	77	77.9	75.3	0.71	1.7	2.2	1.6	4.5	61	18.7	0.00754
T1A 100L2–6	2.2	9.71	5.61	3.24	9.22	5.33	3.07	8.89	5.13	2.96	940	1130	79.5	81	79.8	0.75	1.9	2.3	1.7	5	64	22.8	0.00993
T1A 112M1–6	2.2	10.6	6.11	3.53	10.1	5.80	3.35	9.69	5.59	3.23	945	1135	79.3	79.5	76.5	0.69	1.9	2.3	1.8	4.8	64	24.5	0.01395
T1A 112M2–6	3	12.5	7.21	4.17	11.9	6.85	3.96	11.4	6.61	3.81	940	1130	81	84	84.6	0.78	1.6	2.1	1.5	4.8	64	28.5	0.01768
T1A 112M3–6	4	17.2	9.92	5.73	16.3	9.43	5.44	15.7	9.09	5.25	955	1145	83.9	85.2	84.6	0.73	1.6	2.1	1.5	4.8	64	28.5	0.01768
T1A 132S–6	3	12.5	7.20	4.16	11.8	6.84	3.95	11.4	6.59	3.81	965	1160	84.4	85.7	85.1	0.75	1.7	2.2	1.3	5.6	64	36.4	0.03046
T1A 132M1–6	4	17.1	9.85	5.69	16.2	9.36	5.40	15.6	9.02	5.21	965	1160	84.5	85.1	83.6	0.73	2	2.6	1.5	5.9	68	42.2	0.03725
T1A 132M2–6	5.5	23.4	13.5	7.79	22.2	12.8	7.40	21.4	12.4	7.13	965	1160	86	87.6	87.7	0.72	2.1	2.4	1.6	5.8	68	51.4	0.04897
T1A 132M3–6	7.5	30.2	17.5	10.1	28.7	16.6	9.58	27.7	16.0	9.23	965	1160	87	87.3	85.8	0.75	2.7	2.9	2	7.3	68	62.6	0.06236
T1A 160M–6	7.5	30.2	17.5	10.1	28.7	16.6	9.58	27.7	16.0	9.23	965	1160	87	87.8	87.1	0.75	2.4	2.9	1.7	6.7	68	71.4	0.08623
T1A 160L–6	11	44.5	25.7	14.8	42.2	24.4	14.1	40.7	23.5	13.6	965	1160	86.8	88.1	87.9	0.75	2.4	2.1	1.2	6.2	73	89.4	0.11687
T1A 160L2–6	15	56.9	32.8	19.0	54.0	31.2	18.0	52.1	30.1	17.4	970	1165	89	88.2	87.9	0.78	2.6	2.6	1.1	7.7	79	105	0.15485
T1A 180L–6	15	54.8	31.6	18.3	52.0	30.0	17.3	50.1	28.9	16.7	970	1165	89	89	88.6	0.81	2	2.2	1.3	6.5	77	124	0.25406
T1A 200L1–6	18.5	66.8	38.6	22.3	63.4	36.6	21.1	61.1	35.3	20.4	975	1170	90	90.2	89.5	0.81	2	2.2	1.3	6.5	80	141	0.30394
T1A 200L2–6	22	77.5	44.7	25.8	73.6	42.5	24.5	71.0	41.0	23.7	975	1170	90	90.2	89.4	0.83	2	2.2	1.3	6.5	80	152	0.35316
T1A 632–8	0.06	0.60	0.34	0.20	0.57	0.33	0.19	0.55	0.32	0.18	650	785	45.6	39.9	35.1	0.58	1.6	1.7	1.5	2	50	5.2	0.00043
T1A 711–8	0.09	0.86	0.49	0.29	0.81	0.47	0.27	0.78	0.45	0.26	680	815	45.4	36.3	31.2	0.61	2	2.2	1.8	2.5	50	5.95	0.00079
T1A 712–8	0.12	0.99	0.57	0.33	0.94	0.54	0.31	0.90	0.52	0.30	690	830	51.7	44.4	39.3	0.62	1.8	2.2	1.7	2.6	50	6.3	0.00078
T1A 801–8	0.18	1.40	0.81	0.47	1.33	0.77	0.44	1.28	0.74	0.43	690	830	54.7	51.2	43.2	0.62	1.9	2.5	1.85	3.2	52	8.3	0.00202
T1A 802–8	0.25	1.96	1.13	0.65	1.86	1.07	0.62	1.79	1.03	0.60	690	830	58	55	47.5	0.58	2.1	2.5	2	3.5	52	9.3	0.00232
T1A 803–8	0.37	2.55	1.47	0.85	2.42	1.40	0.81	2.34	1.35	0.78	700	840	64.7	60.3	56.3	0.59	2.3	2.5	2	3.4	56	9.96	0.00262
T1A 90S–8	0.37	2.59	1.50	0.86	2.46	1.42	0.82	2.38	1.37	0.79	710	850	64.7	61.9	54.5	0.58	1.7	2.2	1.6	3.2	56	11.38	0.00327
T1A 90L–8	0.55	3.86	2.23	1.29	3.66	2.12	1.22	3.53	2.04	1.18	705	850	64.7	62.3	55.3	0.58	1.9	2.3	1.7	3.4	56	13.94	0.00428
T1A 90L2–8	0.75	4.74	2.74	1.58	4.51	2.60	1.50	4.34	2.51	1.45	700	840	68.2	66.7	60.7	0.61	1.8	2.1	1.8	3.5	59	15.5	0.00488
T1A 100L1–8	0.75	4.45	2.57	1.48	4.23	2.44	1.41	4.08	2.35	1.36	685	825	68.2	67.7	62.4	0.65	1.9	2.2	1.8	3.6	59	17.6	0.00635
T1A 100L2–8	1.1	5.97	3.45	1.99	5.67	3.27	1.89	5.46	3.15	1.82	700	840	73.5	73.5	69.8	0.66	1.8	2.4	1.8	4.2	59	20	0.00834
T1A 112M–8	1.5	8.10	4.68	2.70	7.70	4.45	2.57	7.42	4.28	2.47	700	840	73.8	74.3	71.3	0.66	1.7	2.1	1.5	4	61	25.3	0.01395
T1A 132S–8	2.2	10.4	6.01	3.47	9.9	5.71	3.29	9.52	5.50	3.18	715	860	77.3	77.3	76.3	0.72	1.8	2.1	1.45	4.5	64	39.6	0.03213
T1A 132M–8	3	13.7	7.93	4.58	13.1	7.54	4.35	12.6	7.26	4.19	715	860	79.8	80.4	78.4	0.72	2	2.3	1.55	4.9	64	47.4	0.04060
T1A 132M2–8	4	17.4	10.06	5.81	16.6	9.56	5.52	16.0	9.22	5.32	715	860	81.6	82.8	82	0.74	2.3	2.5	1.7	5.4	68	55.4	0.05231
T1A 160M1–8	4	18.4	10.6	6.14	17.5	10.1	5.84	16.9	9.74	5.63	715	860	81.6	82.2	80.3	0.70	1.8	2.3	1.6	4.6	68	59.8	0.07104
T1A 160M2–8	5.5	24.8	14.3	8.25	23.5	13.6	7.84	22.7	13.1	7.56	710	855	83.5	84.4	83.1	0.70	2.1	2.5	1.6	5.2	68	69	0.08623
T1A 160L–8	7.5	33.2	19.2	11.1	31.5	18.2	10.5	30.4	17.5	10.1	715	860	85	85.5	84	0.70	2.5	2.8	2	5.7	68	84.8	0.11308
T1A 180L–8	11	45.9	26.5	15.3	43.6	25.2	14.5	42.0	24.3	14.0	715	860	86.4	86.2	84.7	0.73	2	2.9	1.6	7	76	124	0.26109
T1A 200L–8	15	59.4	34.3	19.8	56.4	32.6	18.8	54.4	31.4	18.1	725	870	87.5	87.5	86.4	0.76	2	3.1	1.9	7.4	79	154	0.33910
T1A 200L2–8	18.5	72.8	42.0	24.3	69.2	39.9	23.1	66.7	38.5	22.2	730	875	88.0	88	86.8	0.76	2.3	3.3	2	8	79	175	0.40941

T2A Series IE2 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	Ist/In (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m²)
T2A 562–2	0.12	0.74	0.42	0.25	0.70	0.40	0.23	0.67	0.39	0.22	2840	3410	60.5	57	49.1	0.71	2.3	2.6	2.1	4.3	58	3	0.00013
T2A 563–2	0.18	0.96	0.55	0.32	0.91	0.52	0.30	0.88	0.51	0.29	2780	3340	64.3	62.2	64.6	0.77	2.3	2.5	2.4	4.1	61	3.5	0.00014
T2A 631–2	0.18	0.98	0.57	0.33	0.93	0.54	0.31	0.90	0.52	0.30	2840	3410	64.5	62.4	54.8	0.75	2	2.5	1.7	4.7	61	3.6	0.00023
T2A 632–2	0.25	1.23	0.71	0.41	1.16	0.67	0.39	1.12	0.65	0.37	2840	3410	68.8	67.5	61.6	0.78	2.5	2.7	2	5.2	61	3.9	0.00026
T2A 633–2	0.37	1.79	1.03	0.60	1.70	0.98	0.57	1.64	0.95	0.55	2840	3410	69.8	68.5	62.6	0.78	2	2.4	1.8	5.1	62	4.6	0.00030
T2A 711–2	0.37	1.76	1.02	0.59	1.67	0.97	0.56	1.61	0.93	0.54	2820	3390	70.0	66.3	62.0	0.79	2	2.2	1.5	5	64	4.9	0.00037
T2A 712–2	0.55	2.41	1.39	0.80	2.29	1.32	0.76	2.21	1.27	0.74	2840	3410	74.1	73.4	70.7	0.81	2.3	2.5	1.7	5.7	64	5.8	0.00046
T2A 713–2	0.75	3.04	1.75	1.01	2.88	1.67	0.96	2.78	1.60	0.93	2840	3410	77.4	78	75.1	0.84	2.6	2.6	1.7	6	65	7.1	0.00057
T2A 714–2	1.1	4.38	2.53	1.46	4.16	2.40	1.39	4.01	2.32	1.34	2840	3410	79.6	79.6	78	0.83	2.6	2.8	2.2	6.1	67	8.4	0.00090
T2A 801–2	0.75	3.15	1.82	1.05	2.99	1.73	1.00	2.88	1.66	0.96	2840	3410	77.4	78	75.2	0.81	2.6	2.8	2.2	6.1	67	8.4	0.00090
T2A 802–2	1.1	4.43	2.56	1.48	4.21	2.43	1.40	4.06	2.34	1.35	2860	3440	79.6	79.9	77.5	0.82	2.6	2.6	1.8	7	67	9.8	0.00112
T2A 803–2	1.5	5.78	3.34	1.93	5.49	3.17	1.83	5.29	3.06	1.76	2860	3440	81.3	82	80.4	0.84	2.9	3.1	2	7.4	70	11.3	0.00143
T2A 90S–2	1.5	5.92	3.42	1.97	5.63	3.25	1.88	5.42	3.13	1.81	2880	3460	81.3	81.6	79.5	0.82	2.8	3	2	7.2	72	12.4	0.00186
T2A 90L1–2	2.2	8.38	4.84	2.79	7.96	4.60	2.66	7.68	4.43	2.56	2890	3470	83.2	83.8	82.1	0.83	2.8	3.1	1.4	7.6	72	14.95	0.00231
T2A 90L2–2	3	11.0	6.34	3.66	10.4	6.02	3.48	10.05	5.80	3.35	2880	3460	84.6	85.8	85.2	0.85	3.4	3.3	2.3	7.9	74	17.2	0.00297
T2A 100L1–2	3	11.1	6.41	3.70	10.6	6.09	3.52	10.17	5.87	3.39	2890	3470	84.6	84.9	83.2	0.84	3	3.6	2.7	7.6	76	21.7	0.00413
T2A 100L2–2	4	14.1	8.14	4.70	13.4	7.73	4.47	12.9	7.46	4.30	2910	3500	85.8	86	84.7	0.87	3.7	4.2	3.8	9.9	77	25.8	0.00520
T2A 100L3–2	5.5	18.7	10.79	6.23	17.8	10.25	5.92	17.1	9.88	5.71	2910	3500	87.0	87.3	86.6	0.89	3.7	3.8	2.6	9.5	78	29	0.00626
T2A 112M1–2	4	13.8	7.96	4.60	13.1	7.56	4.37	12.6	7.29	4.21	2920	3510	85.8	86.2	85	0.89	3.3	3.6	2	9.6	77	26.7	0.00631
T2A 112M2–2	5.5	19.1	11.0	6.37	18.2	10.5	6.06	17.5	10.1	5.84	2920	3510	87	87.3	86.1	0.87	3.4	4.1	2.8	10.2	78	32.5	0.00806
T2A 112M3–2	7.5	24.9	14.4	8.30	23.6	13.7	7.88	22.8	13.2	7.60	2920	3500	88.1	88.6	87.5	0.9	3.7	4	2.6	11.3	80	37	0.00983
T2A 132S1–2	5.5	18.7	10.8	6.23	17.8	10.3	5.92	17.1	9.9	5.71	2920	3510	87	87.6	86.6	0.89	2.4	3.4	1.9	8.3	80	39.7	0.01332
T2A 132S2–2	7.5	24.6	14.2	8.21	23.4	13.5	7.80	22.5	13.0	7.51	2930	3520	88.1	88.6	87.9	0.91	2.5	3.5	1.4	9.8	80	47.3	0.01647
T2A 132M1–2	9.2	30.0	17.3	10.0	28.5	16.5	9.50	27.5	15.9	9.16	2920	3510	88.7	89.7	89.6	0.91	2.5	3.3	1.9	9.5	81	52	0.01783
T2A 132M2–2	11	36.0	20.8	12.0	34.2	19.7	11.4	32.9	19.0	11.0	2930	3520	89.4	89.6	88.7	0.9	4	3.9	1.7	12.7	83	58.5	0.02162
T2A 132M3–2	15	48.6	28.0	16.2	46.1	26.6	15.4	44.5	25.7	14.8	2940	3530	90.3	90.5	89.6	0.90	3.7	4.3	1.7	13.6	86	74	0.02856
T2A 160M1–2	11	36.4	21.0	12.1	34.6	20.0	11.5	33.3	19.2	11.1	2950	3540	89.4	89.5	88.2	0.89	2.6	3.4	1.5	8.4	86	77	0.05009
T2A 160M2–2	15	48.6	28.0	16.2	46.1	26.6	15.4	44.5	25.7	14.8	2950	3540	90.3	90.5	89.7	0.90	2.6	3.4	1.8	9.4	86	91	0.06533
T2A 160L1–2	18.5	58.2	33.6	19.4	55.3	31.9	18.4	53.3	30.8	17.8	2940	3530	90.9	91.8	91.9	0.92	2.5	2.9	1.2	8.7	86	101	0.07702
T2A 160L2–2	22	69.7	40.2	23.2	66.2	38.2	22.1	63.8	36.8	21.3	2950	3540	91.3	91.5	90.8	0.91	3.1	3.6	1.8	10.6	91	112.5	0.09035
T2A 180M–2	22	69.7	40.2	23.2	66.2	38.2	22.1	63.8	36.8	21.3	2950	3540	91.3	90.9	88.8	0.91	2.5	2	1.4	8.1	88	128	0.09502
T2A 200L1–2	30	95.3	55.1	31.8	90.6	52.3	30.2	87.3	50.4	29.1	2960	3550	92	92.1	91.1	0.90	3.1	3.2	1.4	9.5	90	158	0.12225
T2A 200L2–2	37	115.7	66.8	38.6	109.9	63.4	36.6	105.9	61.2	35.3	2960	3550	92.5	92.3	91.3	0.91	2.8	3.5	1.4	9.6	90	181	0.14882
T2A 563–4	0.12	0.88	0.51	0.29	0.83	0.48	0.28	0.80	0.46	0.27	1375	1650	59.1	57.5	51.4	0.61	3.3	3.2	2.8	3.6	52	3.91	0.00029
T2A 631–4	0.12	0.81	0.47	0.27	0.77	0.44	0.26	0.74	0.43	0.25	1395	1675	60.1	56.7	48.2	0.65	2.2	2.3	1.7	3.5	52	3.5	0.00027
T2A 632–4	0.18	1.08	0.62	0.36	1.02	0.59	0.34	0.99	0.57	0.33	1380	1655	64.7	64.9	60.3	0.68	2	2.1	1.9	3.6	52	4	0.00034
T2A 633–4	0.25	1.43	0.83	0.48	1.36	0.79	0.45	1.31	0.76	0.44	1385	1660	68.5	67.7	62.7	0.67	2.1	2.3	2	4	54	5	0.00040
T2A 711–4	0.25	1.41	0.81	0.47	1.34	0.77	0.45	1.29	0.75	0.43	1400	1680	69.6	68.5	62.9	0.67	2.2	2.3	1.8	4.1	55	5.2	0.00059
T2A 712–4	0.37	1.83	1.06	0.61	1.74	1.01	0.58	1.68	0.97	0.56	1400	1680	72.7	73	69.2	0.73	2.4	2.5	2	4.7	55	6.3	0.00082
T2A 713–4	0.55	2.57	1.48	0.86	2.44	1.41	0.81	2.35	1.36	0.78	1395	1675	77.1	77.1	75.5	0.73	2.5	2.6	2.3	4.9	57	7.5	0.00109
T2A 801–4	0.55	2.68	1.55	0.89	2.55	1.47	0.85	2.46	1.42	0.82	1420	1710	77.1	77.1	73.9	0.70	2.4	2.8	2.1	5.4	57	8.95	0.00145
T2A 802–4	0.75	3.49	2.02	1.16	3.32	1.92	1.11	3.20	1.85	1.07	1420	1710	79.6	79.8	77.1	0.71	2.7	2.9	2.4	5.7	58	10.4	0.00193
T2A 803–4	1.1	4.94	2.85	1.65	4.69	2.71	1.56	4.52	2.61	1.51	1420	1710	81.4	81.9	79.7	0.72	3.1	3.1	2.5	5.9	61	12.3	0.00252
T2A 90S–4	1.1	4.74	2.74	1.58	4.50	2.60	1.50	4.34	2.51	1.45	1430	1720	81.4	81.9	79.7	0.75	2.9	3.1	2.2	6.8	61	13.85	0.00334
T2A 90L1–4	1.5	6.27	3.62	2.09	5.96	3.44	1.99	5.74	3.32	1.91	1430	1720	82.8	83.4	81.6	0.76	3.1	3.2	2.2	6.5	61	16.45	0.00419
T2A 90L2–4	2.2	9.04	5.22	3.01	8.58	4.96	2.86	8.27	4.78	2.76	1430	1720	84.3	84.5	82.3	0.76	4.2	4	3.4	7.7	64	18.8	0.00535
T2A 100L1–4	2.2	8.38	4.84	2.79	7.96	4.59	2.65	7.67	4.43	2.56	1440	1730	84.3	85.2	84.3	0.82	2.4	2.9	2	6.6	64	22.2	0.00776
T2A 100L2–4	3	11.5	6.66	3.85	11.0	6.33	3.66	10.6	6.10	3.52	1450	1740	85.5	86.1	84.9	0.80	2.3	3.2	2.4	7.6	64	25.9	0.00974
T2A 100L3–4	4	15.2	8.77	5.06	14.4	8.33	4.81	13.9	8.03	4.64	1440	1730	86.6	87.4	86.5	0.80	2.8	3.2	2.3	7.2	65	28.6	0.01106
T2A 112M1–4	4	14.8	8.56	4.94	14.1	8.13	4.69	13.6	7.84	4.52	1440	1730	86.6	87.7	87.2	0.82	2.5	3.3	2.3	7.9	65	31.4	0.01374
T2A 112M2–4	5.5	20.6	11.9	6.88	19.6	11.3	6.53	18.9	10.9	6.30	1440	1730	87.7	88.6	88.1	0.80	3.7	3.6	3.1	8.3	71	36.7	0.01735
T2A 132S–4	5.5	19.9	11.5	6.63	18.9	10.9	6.30	18.2	10.5	6.07	1460	1760	87.7	88.1	87	0.83	2.1	3.5	1.9	8.6	71	44.3	0.03059
T2A 132M1–4	7.5	26.8	15.5	8.94	25.5	14.7	8.49	24.5	14.2	8.18	1460	1760	88.7	89.4	88.6	0.83	2.7	3.2	1.7	8.9	71	54.5	0.03973

T2A Series IE2 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	Ist/In (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m²)
T2A 132M2–4	9.2	31.9	18.4	10.6	30.3	17.5	10.1	29.2	16.9	9.7	1460	1760	89.3	90.2	90	0.85	2.9	3.2	1.7	8.7	74	56.6	0.04618
T2A 132M3–4	11	37.9	21.9	12.6	36.0	20.8	12.0	34.7	20.0	11.6	1460	1760	89.8	90.5	90.1	0.85	3.3	3.6	1.4	9.3	75	66.2	0.05392
T2A 160M–4	11	38.8	22.4	12.9	36.9	21.3	12.3	35.6	20.5	11.9	1460	1760	89.8	90.4	90	0.83	2.5	2.7	1.7	7	75	82	0.08967
T2A 160L1–4	15	51.9	29.9	17.3	49.3	28.4	16.4	47.5	27.4	15.8	1470	1770	90.6	91.2	90.6	0.84	2.5	2.8	1.6	8.3	75	103.2	0.11820
T2A 160L2–4	18.5	63.5	36.7	21.2	60.4	34.9	20.1	58.2	33.6	19.4	1470	1770	91.2	91.4	90.7	0.84	2.7	3	1.7	8.8	78	115	0.13704
T2A 180M–4	18.5	61.4	35.4	20.5	58.3	33.7	19.4	56.2	32.4	18.7	1460	1750	91.2	91.6	91.1	0.87	2.4	3	1.8	7.8	80	119	0.15506
T2A 180L–4	22	71.8	41.5	23.9	68.2	39.4	22.7	65.8	38.0	21.9	1460	1750	91.6	92.2	91.9	0.88	2.4	2.8	1.7	7.7	80	129	0.17329
T2A 200L–4	30	99.5	57.4	33.2	94.5	54.6	31.5	91.1	52.6	30.4	1470	1765	92.3	92.6	92	0.86	3.2	3.7	2.3	9.5	83	169	0.24231
T2A632–6	0.12	0.93	0.54	0.31	0.88	0.51	0.29	0.85	0.49	0.28	850	1020	50.6	50.2	42.4	0.67	1.8	2	1.8	2.7	50	4.5	0.00052
T2A633–6	0.18	1.37	0.79	0.46	1.30	0.75	0.43	1.26	0.73	0.42	865	1035	56.6	55.6	48.9	0.61	2.3	2.4	2.2	3	52	5.06	0.00064
T2A711–6	0.18	1.25	0.72	0.42	1.19	0.69	0.40	1.14	0.66	0.38	850	1020	56.6	54.4	46.3	0.67	1.9	2.2	1.8	3.1	52	5.05	0.00071
T2A712–6	0.25	1.62	0.93	0.54	1.54	0.89	0.51	1.48	0.86	0.49	910	1090	61.6	59.7	52.2	0.66	2.1	2.3	1.9	3.3	52	6	0.00094
T2A713–6	0.37	2.18	1.26	0.73	2.07	1.20	0.69	2.00	1.15	0.67	905	1085	67.6	66.5	60.7	0.66	2.4	2.5	2.3	3.7	54	6.8	0.00115
T2A 801–6	0.37	2.18	1.26	0.73	2.07	1.20	0.69	2.00	1.15	0.67	935	1120	67.6	63.8	59.6	0.66	1.9	2.2	1.7	3.8	56	8.9	0.00174
T2A 802–6	0.55	2.91	1.68	0.97	2.77	1.60	0.92	2.67	1.54	0.89	935	1120	73.1	71.6	69.7	0.68	2	2.4	2	4	56	10.2	0.00234
T2A 803–6	0.75	3.88	2.24	1.29	3.69	2.13	1.23	3.55	2.05	1.18	920	1105	75.9	75.4	71.3	0.67	2.7	2.6	2.5	4.2	58	11.7	0.00308
T2A 90S–6	0.75	4.00	2.31	1.33	3.80	2.19	1.27	3.66	2.11	1.22	940	1130	75.9	75.3	71.1	0.65	2.2	2.5	1.9	4.5	59	12.55	0.00347
T2A 90L–6	1.1	5.37	3.10	1.79	5.10	2.95	1.70	4.92	2.84	1.64	950	1140	78.1	78.4	75.6	0.69	2	2.4	1.8	4.9	59	15.2	0.00488
T2A 90L2–6	1.5	7.27	4.20	2.42	6.91	3.99	2.30	6.66	3.85	2.22	945	1135	79.8	80.1	77.5	0.68	2.7	3	2.5	5.1	61	18.2	0.00629
T2A 100L–6	1.5	6.68	3.86	2.23	6.35	3.67	2.12	6.12	3.53	2.04	950	1140	79.8	81.7	81.2	0.74	1.7	2.2	1.6	4.8	61	20.65	0.00834
T2A 100L2–6	2.2	9.83	5.68	3.28	9.34	5.39	3.11	9.00	5.20	3.00	950	1140	81.8	82.6	81.1	0.72	2.5	2.7	2.1	5.5	64	25	0.01153
T2A 112M–6	2.2	9.70	5.60	3.23	9.21	5.32	3.07	8.88	5.13	2.96	955	1145	81.8	82.9	81.8	0.73	2.1	2.7	1.8	5.5	64	26	0.01544
T2A 112M2–6	3	13.2	7.60	4.39	12.5	7.22	4.17	12.1	6.96	4.02	955	1145	83.3	84.4	83.3	0.72	2.3	2.8	2.1	5.7	64	31	0.01917
T2A 132S–6	3	12.5	7.20	4.16	11.8	6.84	3.95	11.4	6.59	3.81	960	1150	83.3	84.8	84.4	0.76	1.6	2.4	1.5	5.6	64	37.8	0.03213
T2A 132M1–6	4	16.8	9.71	5.61	16.0	9.22	5.32	15.4	8.89	5.13	965	1160	84.6	85.6	84.8	0.74	2	2.6	1.6	5.9	68	43.8	0.03892
T2A 132M2–6	5.5	22.4	13.0	7.48	21.3	12.3	7.11	20.5	11.9	6.85	965	1160	86	87.2	86.8	0.75	2.4	2.6	1.8	6.6	68	51.8	0.04897
T2A 132M3–6	7.5	29.8	17.2	9.93	28.3	16.3	9.43	27.3	15.7	9.09	970	1165	87.2	87.8	87	0.76	3.1	3.2	1.9	7.9	68	66	0.06570
T2A 160M–6	7.5	29.4	17.0	9.80	27.9	16.1	9.31	26.9	15.5	8.97	965	1160	87.2	88.1	87.7	0.77	2.5	2.9	1.8	6.9	68	74	0.09382
T2A 160L–6	11	42.9	24.8	14.3	40.8	23.6	13.6	39.3	22.7	13.1	970	1165	88.7	89.4	88.7	0.76	2.2	2.3	1.3	6.5	73	93	0.12827
T2A 160L2–6	15	57.2	33.0	19.1	54.3	31.3	18.1	52.3	30.2	17.4	965	1160	89.7	90	90.4	0.77	3.1	3	2.2	8.3	79	116	0.17004
T2A 180L–6	15	53.0	30.6	17.7	50.4	29.1	16.8	48.5	28.0	16.2	975	1170	89.7	89.5	88.7	0.83	2.2	2.7	1.2	8	77	130	0.25406
T2A 200L1–6	18.5	66.5	38.4	22.2	63.2	36.5	21.1	60.9	35.1	20.3	980	1175	90.4	90.7	89.8	0.81	2.5	2.9	1.7	7.6	80	149	0.30394
T2A 200L2–6	22	76.7	44.3	25.6	72.9	42.1	24.3	70.3	40.6	23.4	980	1175	90.9	91.2	90.5	0.83	2.3	2.6	2.3	7.6	80	167	0.35316
T2A 712–8	0.12	0.98	0.56	0.33	0.93	0.54	0.31	0.90	0.52	0.30	690	830	52.1	44.7	39.6	0.62	1.8	2.2	1.7	2.6	50	6.3	0.00078
T2A 801–8	0.18	1.39	0.80	0.46	1.32	0.76	0.44	1.27	0.73	0.42	690	830	55	51.5	43.4	0.62	1.9	2.5	1.85	3.2	52	8.3	0.00202
T2A 802–8	0.25	1.94	1.12	0.65	1.84	1.06	0.61	1.78	1.03	0.59	690	830	58.5	55.5	47.9	0.58	2.1	2.5	2	3.5	52	9.3	0.00232
T2A 803–8	0.37	2.46	1.42	0.82	2.34	1.35	0.78	2.26	1.30	0.75	700	840	67	62.5	58.3	0.59	2.3	2.5	2	3.4	56	9.96	0.00262
T2A 90S–8	0.37	2.58	1.49	0.86	2.45	1.42	0.82	2.36	1.37	0.79	710	850	65	62.2	54.8	0.58	1.7	2.2	1.6	3.2	56	11.38	0.00327
T2A 90L–8	0.55	3.84	2.22	1.28	3.65	2.11	1.22	3.52	2.03	1.17	705	850	65	62.6	55.6	0.58	1.9	2.3	1.7	3.4	56	13.94	0.00428
T2A 90L2–8	0.75	4.69	2.71	1.56	4.45	2.57	1.49	4.29	2.48	1.43	700	840	69	67.5	61.8	0.61	1.8	2.1	1.8	3.5	59	15.5	0.00488
T2A 100L1–8	0.75	4.43	2.56	1.48	4.21	2.43	1.40	4.06	2.34	1.35	685	825	68.5	68	62.7	0.65	1.9	2.2	1.8	3.6	59	17.6	0.00635
T2A 100L2–8	1.1	5.85	3.38	1.95	5.56	3.21	1.85	5.35	3.09	1.79	700	840	75	75	71.3	0.66	1.8	2.4	1.8	4.2	59	20	0.00834
T2A 112M–8	1.5	7.87	4.54	2.62	7.48	4.32	2.49	7.21	4.16	2.40	700	840	76	76.5	73.4	0.66	1.7	2.1	1.5	4	61	25.3	0.01395
T2A 132S–8	2.2	10.1	5.84	3.37	9.6	5.55	3.20	9.26	5.35	3.09	715	860	79.5	79.5	78.5	0.72	1.8	2.1	1.45	4.5	64	39.6	0.03213
T2A 132M–8	3	13.5	7.78	4.49	12.8	7.39	4.27	12.3	7.12	4.11	715	860	81.4	82	80	0.72	2	2.3	1.55	4.9	64	47.4	0.04060
T2A 132M2–8	4	17.2	9.91	5.72	16.3	9.41	5.43	15.7	9.07	5.24	715	860	82.9	84.1	83.3	0.74	2.3	2.5	1.7	5.4	68	55.4	0.05231
T2A 160M1–8	4	18.3	10.6	6.10	17.4	10.0	5.79	16.8	9.67	5.58	715	860	82.2	82.6	80.7	0.70	1.8	2.3	1.6	4.6	68	59.8	0.07104
T2A 160M2–8	5.5	23.6	13.6	7.86	22.4	12.9	7.47	21.6	12.5	7.20	710	855	84.1	84.4	83.1	0.73	2.1	2.5	1.6	5.2	68	69	0.08623
T2A 160L–8	7.5	32.5	18.8	10.8	30.9	17.8	10.3	29.8	17.2	9.9	715	860	85.5	86	84.5	0.71	2.5	2.8	2	5.7	68	84.8	0.11308
T2A 180L–8	11	45.4	26.2	15.1	43.1	24.9	14.4	41.5	24.0	13.8	715	860	87.4	87.2	85.7	0.73	2	2.9	1.6	7	76	124	0.26109
T2A 200L–8	15	59.0	34.1	19.7	56.1	32.4	18.7	54.0	31.2	18.0	725	870	88	88	86.9	0.76	2	3.1	1.9	7.4	79	154	0.33910
T2A 200L2–8	18.5	71.2	41.1	23.7	67.6	39.0	22.5	65.2	37.6	21.7	730	875	90.0	90	88.8	0.76	2.3	3.3	2	8	79	175	0.40941

T3A Series IE3 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_s/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_s/I_n (Times)	Noise dB(A)	Net weight (kg)	Inertia ($kg*m^2$)
T3A 562–2	0.12	0.74	0.43	0.25	0.71	0.41	0.24	0.68	0.39	0.23	2840	3410	61.5	57.0	47.8	0.69							
T3A 631–2	0.18	0.96	0.55	0.32	0.91	0.53	0.30	0.88	0.51	0.29	2850	3420	65.9	63.5	56.2	0.75	2	2.5	1.6	4.7	61	3.6	0.00023
T3A 632–2	0.25	1.21	0.70	0.40	1.15	0.66	0.38	1.11	0.64	0.37	2840	3410	69.7	68.4	62.5	0.78	2.5	2.7	2	5.2	61	3.9	0.00026
T3A 633–2	0.37	1.74	1.00	0.58	1.65	0.95	0.55	1.59	0.92	0.53	2840	3410	73.8	70.3	66.6	0.76	2.2	2.6	2	4.5	64	4.6	0.00033
T3A 711–2	0.37	1.74	1.00	0.58	1.65	0.95	0.55	1.59	0.92	0.53	2860	3430	73.8	72.4	66.5	0.76	2.5	2.8	1.8	5.6	64	5.2	0.00037
T3A 712–2	0.55	2.33	1.34	0.78	2.21	1.28	0.74	2.13	1.23	0.71	2860	3430	77.8	77.7	74.3	0.8	3.1	3.1	2	6.5	64	6.2	0.00050
T3A 713–2	0.75	2.98	1.72	0.99	2.83	1.64	0.94	2.73	1.58	0.91	2870	3440	80.7	80.8	78.2	0.82	3	3.2	2.2	7.1	65	7.1	0.00061
T3A 801–2	0.75	3.02	1.74	1.01	2.87	1.66	0.96	2.76	1.60	0.92	2890	3470	80.7	80.3	77.2	0.81	3.1	3.2	2.3	7.4	67	8.9	0.00097
T3A 802–2	1.1	4.27	2.46	1.42	4.06	2.34	1.35	3.91	2.26	1.30	2900	3480	82.7	82.5	79.9	0.82	3.2	3.2	2.2	7.8	67	10.6	0.00128
T3A 803–2	1.5	5.79	3.34	1.93	5.50	3.17	1.83	5.30	3.06	1.77	2910	3490	84.2	83.9	81.5	0.81	4	4	2.2	9.6	70	12.5	0.00165
T3A 90S–2	1.5	5.72	3.30	1.91	5.43	3.14	1.81	5.24	3.02	1.75	2900	3480	84.2	83.8	81.4	0.82	3.5	3.7	2.1	8.3	72	14	0.00219
T3A 90S–2	1.8	6.88	3.97	2.29	6.54	3.77	2.18	6.30	3.64	2.10	2910	3490	85.0	84.3	82.8	0.81	3.5	3.7	2.1	8.3	72	14	0.00219
T3A 90L1–2	2.2	8.02	4.63	2.67	7.62	4.40	2.54	7.35	4.24	2.45	2910	3500	85.9	86.1	84.7	0.84	3.3	3.7	1.5	9	72	16.3	0.00264
T3A 90L2–2	3	11.3	6.54	3.78	10.8	6.21	3.59	10.37	5.99	3.46	2910	3500	87.1	87.1	84.2	0.8	4	4.1	2.6	9.6	74	18.5	0.00341
T3A 100L1–2	3	10.2	5.88	3.39	9.7	5.59	3.23	9.33	5.38	3.11	2910	3500	87.1	87.5	86.3	0.89	3.2	3.6	2.6	9.4	76	23.7	0.00484
T3A 100L2–2	4	13.0	7.50	4.33	12.3	7.12	4.11	11.9	6.87	3.96	2910	3500	88.1	88.8	88.1	0.92	2.8	3.3	2.1	9.1	77	27.6	0.00591
T3A 112M1–2	4	13.1	7.58	4.38	12.5	7.20	4.16	12.0	6.94	4.01	2920	3510	88.1	88.2	87	0.91	3.4	3.9	2.4	10.5	77	30.1	0.00751
T3A 112M2–2	5.5	17.8	10.3	5.94	16.9	9.78	5.65	16.3	9.43	5.44	2920	3510	89.2	89.6	89.1	0.91	3.3	4.2	2.9	11.9	78	35.7	0.00925
T3A 112M3–2	7.5	23.8	13.7	7.94	22.6	13.06	7.54	21.8	12.59	7.27	2920	3500	90.1	91.0	90.0	0.92	3.5	3.8	2.1	11.4	80	40	0.01129
T3A 132S1–2	5.5	18.2	10.5	6.08	17.3	10.0	5.77	16.7	9.64	5.56	2930	3520	89.2	89.4	88.2	0.89	3.2	4	2.5	10	80	43.4	0.01521
T3A 132S2–2	7.5	23.8	13.7	7.94	22.6	13.1	7.54	21.8	12.6	7.27	2930	3520	90.1	90.9	90.7	0.92	2.6	3.6	1.9	10.1	80	51.7	0.01900
T3A 132M1–2	9.2	29.4	17.0	9.79	27.9	16.1	9.30	26.9	15.5	8.96	2930	3520	90.6	91.2	90.5	0.91	3.2	4.2	2.6	11.6	81	58.3	0.02162
T3A 132M2–2	11	34.5	19.9	11.5	32.8	18.9	10.9	31.6	18.2	10.5	2930	3520	91.2	91.5	91.2	0.92	3.6	4.1	2.4	12.2	83	63.5	0.02414
T3A 132M3–2	15	47.7	27.6	15.9	45.3	26.2	15.1	43.7	25.2	14.6	2940	3530	91.9	92.1	91.2	0.9	4.9	4.9	2	14.4	86	75	0.02856
T3A 160M1–2	11	36.1	20.8	12.0	34.3	19.8	11.4	33.0	19.1	11.0	2960	3560	91.2	91	89.6	0.88	3.2	4	1.4	10.3	86	85.5	0.05961
T3A 160M2–2	15	48.3	27.9	16.1	45.8	26.5	15.3	44.2	25.5	14.7	2960	3560	91.9	91.5	89.9	0.89	3.9	4.2	1.4	11.4	86	104	0.07675
T3A 160L1–2	18.5	57.9	33.4	19.3	55.0	31.8	18.3	53.0	30.6	17.7	2950	3540	92.4	92.8	91.8	0.91	3	3	1.5	9.1	86	121	0.09225
T3A 160L2–2	22	68.6	39.6	22.9	65.2	37.6	21.7	62.8	36.3	20.9	2960	3550	92.7	92.8	92.5	0.91	3.8	4	1.6	12.7	88	132	0.10749
T3A 180M–2	22	68.6	39.6	22.9	65.2	37.6	21.7	62.8	36.3	20.9	2960	3560	92.7	93	92.4	0.91	2.7	3.3	1.7	9	88	130.6	0.10468
T3A 200L1–2	30	94.0	54.3	31.3	89.3	51.6	29.8	86.1	49.7	28.7	2960	3560	93.3	93.2	92.2	0.9	3.5	3.8	1.8	10.2	90	158	0.13674
T3A 200L2–2	37	115.5	66.7	38.5	109.7	63.3	36.6	105.7	61.0	35.2	2960	3560	93.7	93.6	92.6	0.9	3.6	3.7	1.7	9.8	90	173.1	0.16331
T3A 563–4	0.12	0.73	0.42	0.24	0.69	0.40	0.23	0.67	0.38	0.22	1360	1630	64.8	64.5	59.5	0.67	2.2	2.3	2	3.5	52	3.8	0.00031
T3A 631–4	0.12	0.70	0.40	0.23	0.66	0.38	0.22	0.64	0.37	0.21	1385	1660	64.8	63.7	57.6	0.70	2.2	2.3	2	3.5	52	3.8	0.00031
T3A 632–4	0.18	0.97	0.56	0.32	0.92	0.53	0.31	0.89	0.51	0.30	1400	1680	69.9	69.6	65.4	0.70	2.2	2.5	2.1	4.1	52	4.5	0.00040
T3A 633–4	0.25	1.27	0.73	0.42	1.21	0.70	0.40	1.16	0.67	0.39	1395	1675	75	75.1	71.5	0.69	2.9	3	2.7	4.7	55	5.3	0.00052
T3A 711–4	0.25	1.30	0.75	0.43	1.23	0.71	0.41	1.19	0.69	0.40	1410	1690	73.5	73.2	69	0.69	2.3	2.5	2.1	4.5	55	5.8	0.00072
T3A 712–4	0.37	1.85	1.07	0.62	1.76	1.02	0.59	1.70	0.98	0.57	1420	1705	77.3	77.1	73.6	0.68	2.8	3	2.5	5.2	55	7	0.00097
T3A 801–4	0.55	2.52	1.46	0.84	2.40	1.38	0.80	2.31	1.33	0.77	1430	1715	80.8	80.6	79.2	0.71	2.5	2.8	2.2	5.6	57	9.5	0.00169
T3A 802–4	0.75	3.28	1.89	1.09	3.11	1.80	1.04	3.00	1.73	1.00	1430	1715	82.5	83	81.1	0.73	2.7	2.8	2.3	6.1	58	11.7	0.00228
T3A 803–4	1.1	4.65	2.69	1.55	4.42	2.55	1.47	4.26	2.46	1.42	1430	1715	84.1	84.9	83.7	0.74	3	3.1	2.6	6.6	61	13.8	0.00300
T3A 90S–4	1.1	4.65	2.69	1.55	4.42	2.55	1.47	4.26	2.46	1.42	1440	1730	84.1	84.1	81.8	0.74	3.7	3.8	3.1	7.7	61	15.1	0.00384
T3A 90L1–4	1.5	6.01	3.47	2.00	5.71	3.30	1.90	5.50	3.18	1.83	1440	1730	85.3	85.3	83.1	0.77	3.7	3.6	2.9	8	61	18	0.00469
T3A 100L1–4	2.2	8.14	4.70	2.71	7.74	4.47	2.58	7.46	4.31	2.49	1450	1740	86.7	87.2	86.2	0.82	2.9	3.5	2.4	8	64	23.9	0.00875
T3A 100L2–4	3	11.5	6.66	3.85	11.0	6.33	3.65	10.6	6.10	3.52	1450	1740	87.7	88	86.9	0.78	3.3	3.4	2.7	8.1	64	28.3	0.01106
T3A 112M1–4	4	14.5	8.37	4.83	13.8	7.95	4.59	13.3	7.66	4.42	1450	1740	88.6	88.8	88.2	0.82	3.1	3.7	2.6	8.6	65	33.9	0.01529
T3A 112M2–4	5.5	20.2	11.7	6.73	19.2	11.1	6.39	18.5	10.7	6.16	1450	1740	89.6	89.9	89.1	0.80	3.8	3.7	2.5	9.1	71	39.1	0.04876
T3A 132S–4	5.5	19.2	11.1	6.41	18.3	10.5	6.09	17.6	10.2	5.87	1460	1760	89.6	89.8	89.4	0.84	2.3	3.5	1.9	9	71	47.4	0.03446
T3A 132M1–4	7.5	26.0	15.0	8.66	24.7	14.3	8.23	23.8	13.7	7.93	1460	1760	90.4	90.9	90.3	0.84	2.6	3.4	2.2	8.9	71	57.4	0.04360

T3A Series IE3 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_s/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_s/I_n (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m^2)
T3A 132M2–4	9.2	32.4	18.7	10.8	30.8	17.8	10.3	29.7	17.2	9.90	1460	1760	91	91.5	90.9	0.82	3.2	3.6	2	10	74	60	0.05134
T3A 132M3–4	11	37.7	21.8	12.6	35.8	20.7	11.9	34.5	19.9	11.5	1460	1760	91.4	92	91.6	0.84	3.5	3.7	2.1	10.5	75	67	0.06037
T3A 160M–4	11	38.2	22.0	12.7	36.3	20.9	12.1	34.9	20.2	11.6	1470	1770	91.4	91.7	89.8	0.83	2.6	2.8	1.8	7.6	75	89	0.10537
T3A 160L1–4	15	50.4	29.1	16.8	47.9	27.7	16.0	46.2	26.7	15.4	1470	1770	92.1	92.3	91.3	0.85	3	3	2	9.2	75	110.5	0.13704
T3A 180M–4	18.5	61.1	35.3	20.4	58.1	33.5	19.4	56.0	32.3	18.7	1470	1770	92.6	92.8	92.1	0.86	2.8	3.3	1.9	8.8	80	130	0.17329
T3A 180L–4	22	72.4	41.8	24.1	68.8	39.7	22.9	66.3	38.3	22.1	1470	1770	93	93.1	92.3	0.86	3	3.5	2.1	9.3	80	145.4	0.20064
T3A 200L–4	30	95.8	55.3	32.0	91.1	52.6	30.4	87.8	50.7	29.3	1470	1770	93.6	93.7	92.9	0.88	3.2	3.7	2.1	9.7	83	180	0.26510
T3A 632–6	0.12	0.88	0.51	0.29	0.84	0.48	0.28	0.81	0.47	0.27	870	1045	57.7	54	49.7	0.62	2.2	2.1	2	2.8	50	4.5	0.00052
T3A 711–6	0.18	1.20	0.69	0.40	1.14	0.66	0.38	1.09	0.63	0.36	930	1115	63.9	61	53.4	0.62	2.4	2.6	2.3	3.5	52	5.4	0.00079
T3A 712–6	0.25	1.48	0.85	0.49	1.40	0.81	0.47	1.35	0.78	0.45	920	1105	68.6	67.2	61.2	0.65	2.2	2.5	2.2	3.7	52	6.3	0.00102
T3A 713–6	0.37	2.10	1.21	0.70	2.00	1.15	0.67	1.93	1.11	0.64	925	1110	73.5	72.7	67.9	0.63	2.2	2.5	2.2	3.7	52	6.3	0.00102
T3A 801–6	0.37	1.95	1.12	0.65	1.85	1.07	0.62	1.78	1.03	0.59	930	1115	73.5	73.8	70.5	0.68	2.2	2.5	2.1	4.1	56	9.3	0.00219
T3A 802–6	0.55	2.64	1.52	0.88	2.51	1.45	0.84	2.42	1.40	0.81	930	1115	77.2	78.1	75.7	0.71	2.3	2.4	2.1	4.3	56	10.9	0.00293
T3A 803–6	0.75	3.97	2.29	1.32	3.77	2.18	1.26	3.64	2.10	1.21	935	1120	78.9	78.2	74.4	0.63	2.8	3.1	2.6	4.9	59	12.5	0.00323
T3A 90S–6	0.75	3.73	2.16	1.24	3.55	2.05	1.18	3.42	1.97	1.14	950	1140	78.9	80.1	78.1	0.67	2.3	2.6	2.1	4.7	59	13.8	0.00407
T3A 90L–6	1.1	5.33	3.08	1.78	5.07	2.93	1.69	4.88	2.82	1.63	950	1140	81	81.1	78.4	0.67	2.7	2.9	2.5	5.2	59	16.2	0.00549
T3A 90L2–6	1.5	7.14	4.12	2.38	6.78	3.92	2.26	6.54	3.78	2.18	950	1140	82.5	82.7	80.5	0.67	2.9	3	2.5	5.6	61	21.3	0.00689
T3A 100L–6	1.5	6.84	3.95	2.28	6.49	3.75	2.16	6.26	3.61	2.09	955	1145	82.5	83	81.8	0.70	2.4	2.9	2.2	5.5	61	22.1	0.00914
T3A 100L2–6	2.2	9.54	5.51	3.18	9.06	5.23	3.02	8.73	5.04	2.91	955	1145	84.3	85.1	83.9	0.72	2.5	3	2.2	6.2	64	27.7	0.01273
T3A 112M–6	2.2	10.1	5.83	3.37	9.59	5.54	3.20	9.25	5.34	3.08	965	1160	84.3	84.5	83.2	0.68	2	2.5	1.9	5.5	64	27.1	0.01768
T3A 112M2–6	3	13.4	7.72	4.46	12.7	7.33	4.23	12.2	7.07	4.08	965	1160	85.6	86.2	84.8	0.69	2.5	2.9	1.9	6.3	64	33.1	0.02140
T3A 132S–6	3	12.5	7.20	4.15	11.8	6.84	3.95	11.4	6.59	3.80	965	1160	85.6	86	85.1	0.74	2	2.7	1.7	6	64	38.6	0.03380
T3A 132M1–6	4	16.4	9.46	5.46	15.6	8.99	5.19	15.0	8.66	5.00	970	1165	86.8	87.1	86.2	0.74	2.3	3	1.8	6.8	68	47.6	0.04395
T3A 132M2–6	5.5	23.2	13.4	7.72	22.0	12.7	7.34	21.2	12.2	7.07	975	1170	88	88.3	87.1	0.71	2.9	3.5	2.2	7.4	68	55.7	0.05399
T3A 132M3–6	7.5	30.8	17.8	10.3	29.2	16.9	9.74	28.2	16.3	9.39	970	1165	89.1	89.6	88.6	0.72	3.3	3.2	2	8.3	68	67.6	0.07072
T3A 160M–6	7.5	29.1	16.8	9.72	27.7	16.0	9.23	26.7	15.4	8.90	975	1170	89.1	89.5	88.5	0.76	2.2	2.9	1.8	7.3	68	79.6	0.10901
T3A 160L–6	11	41.1	23.7	13.7	39.0	22.5	13.0	37.6	21.7	12.5	975	1170	90.3	90.8	89.9	0.78	2.7	2.9	1.2	8.4	73	105	0.15485
T3A 180L–6	15	52.1	30.1	17.4	49.5	28.6	16.5	47.7	27.6	15.9	980	1175	91.2	91	89.8	0.83	2.5	3.3	2.1	8.2	77	125.2	0.27516
T3A 200L1–6	18.5	67.2	38.8	22.4	63.8	36.9	21.3	61.5	35.5	20.5	980	1175	91.7	91.3	90	0.79	2.5	3.3	2	8.5	80	143	0.33207
T3A 200L2–6	22	79.5	45.9	26.5	75.5	43.6	25.2	72.8	42.0	24.3	980	1175	92.2	92	90.9	0.79	2.8	3.5	2.2	8.8	80	162	0.38832
T3A 712–8	0.12	1.00	0.58	0.33	0.95	0.55	0.32	0.91	0.53	0.30	685	825	52.7	48.5	39.9	0.60	2.12	2.4	2	2.8	50	6.3	0.00094
T3A 801–8	0.18	1.37	0.79	0.46	1.30	0.75	0.43	1.26	0.73	0.42	710	850	61.6	54.4	49.4	0.56	1.9	2.5	1.85	3.2	52	8.3	0.00202
T3A 802–8	0.25	1.67	0.96	0.56	1.58	0.91	0.53	1.53	0.88	0.51	700	840	66.9	61.9	57.7	0.59	2.1	2.5	2	3.5	52	9.3	0.00232
T3A 803–8	0.37	2.38	1.37	0.79	2.26	1.31	0.75	2.18	1.26	0.73	700	840	69.3	64.5	60.1	0.59	2.6	2.4	2	3.4	56	9.96	0.00292
T3A90S–8	0.37	2.42	1.40	0.81	2.30	1.33	0.77	2.22	1.28	0.74	705	845	69.3	64.2	59.9	0.58	2	2.5	1.9	3.6	56	12.26	0.00367
T3A90L–8	0.55	3.42	1.97	1.14	3.25	1.88	1.08	3.13	1.81	1.04	705	845	73	69.8	66.1	0.58	2.3	2.7	2.2	4.1	56	15.1	0.00488
T3A90L2–8	0.75	4.31	2.49	1.44	4.10	2.37	1.37	3.95	2.28	1.32	700	840	75	74.8	71.0	0.61	2.1	2.4	2	3.9	59	16.5	0.00569
T3A100L1–8	0.75	3.99	2.30	1.33	3.79	2.19	1.26	3.65	2.11	1.22	700	840	75.0	74.3	70.5	0.66	2.1	2.6	2	4.3	59	19.6	0.00754
T3A100L2–8	1.1	5.48	3.16	1.83	5.20	3.01	1.74	5.02	2.90	1.67	705	845	77.7	77.8	75.8	0.68	2.1	2.4	1.9	4.3	59	21.1	0.00914
T3A112M–8	1.5	7.62	4.40	2.54	7.24	4.18	2.41	6.98	4.03	2.33	715	860	79.7	78.9	76.9	0.65	2.3	2.7	1.9	5	61	29.3	0.01768
T3A132S–8	2.2	10.71	6.18	3.57	10.18	5.87	3.39	9.81	5.66	3.27	720	865	81.9	82.0	80.2	0.66	2.5	2.8	2.1	5.4	64	44.5	0.03883
T3A132M1–8	3	14.11	8.15	4.70	13.41	7.74	4.47	12.92	7.46	4.31	725	870	83.5	82.5	80.7	0.67	2.6	3	2	6.1	64	53	0.04897
T3A132M2–8	4	17.24	9.95	5.75	16.38	9.46	5.46	15.79	9.11	5.26	715	860	84.8	85.3	83.9	0.72	2.2	2.6	1.7	5.7	68	62	0.05901
T3A160M1–8	4	17.99	10.39	6.00	17.09	9.87	5.70	16.47	9.51	5.49	725	870	84.8	85.2	83.7	0.69	1.9	2.2	1.7	5	68	65.4	0.08243
T3A160M2–8	5.5	24.33	14.05	8.11	23.12	13.35	7.71	22.28	12.87	7.43	725	870	86.2	86.2	85.1	0.69	2.1	2.5	1.7	5.2	68	74.2	0.09762
T3A160L–8	7.5	32.30	18.65	10.77	30.68	17.71	10.23	29.57	17.07	9.86	725	870	87.3	87.6	86.3	0.70	2.8	3	2.2	6.6	68	94.2	0.13586
T3A 180L–8	11	46.7	26.9	15.6	44.3	25.6	14.8	42.7	24.7	14.2	735	880	88.6	88.9	87.4	0.7	2.3	3.2	1.8	7.4	76	128	0.27478
T3A 200L–8	15	58.0	33.5	19.3	55.1	31.8	18.4	53.1	30.6	17.7	735	880	89.6	89.6	88.5	0.76	2.2	3.2	2	7.8	79	166	0.38777

T4A Series IE4 Effciency Motors Technical Date (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Power	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_s/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_s/I_n (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m²)
T4A631-2	0.18	0.89	0.52	0.30	0.85	0.49	0.28	0.82	0.47	0.27	2870	0.22	3445	70.8	68.8	63.6	0.75	2.6	2.9	2.0	5.5	61	3.8	0.000245
T4A632-2	0.25	1.15	0.66	0.38	1.10	0.63	0.37	1.05	0.61	0.35	2880	0.30	3455	74.3	73.1	68.7	0.77	2.7	3.2	2.4	6.3	61	4.5	0.000303
T4A711-2	0.37	1.59	0.92	0.53	1.52	0.88	0.51	1.46	0.85	0.49	2890	0.44	3470	78.1	77.3	73.4	0.78	2.8	3.3	2.3	6.7	64	5.7	0.000421
T4A712-2	0.55	2.24	1.30	0.75	2.14	1.23	0.71	2.06	1.19	0.69	2890	0.66	3470	81.5	81.1	77.9	0.79	2.9	3.5	2.5	6.8	64	6.7	0.000569
T4A801-2	0.75	2.95	1.71	0.98	2.82	1.62	0.94	2.70	1.56	0.90	2900	0.90	3480	83.5	83.6	81.5	0.80	3.7	3.9	2.5	8.8	67	9.5	0.001124
T4A802-2	1.1	4.13	2.39	1.38	3.95	2.27	1.32	3.79	2.19	1.26	2910	1.32	3490	85.2	85.2	83.3	0.82	4.0	4.2	2.6	10.0	67	12	0.001508
T4A90S-2	1.5	5.62	3.25	1.87	5.37	3.09	1.79	5.15	2.98	1.72	2910	1.80	3490	86.5	86.5	84.6	0.81	3.6	4.0	2.8	9.6	72	14.5	0.002296
T4A90L-2	2.2	7.90	4.58	2.63	7.56	4.35	2.52	7.25	4.19	2.42	2900	2.64	3480	88.0	88.2	86.9	0.83	4.0	4.2	3.0	10.5	72	18.5	0.003086
T4A100L-2	3	9.71	5.62	3.24	9.29	5.34	3.10	8.90	5.15	2.97	2910	3.60	3490	89.1	89.4	88.4	0.91	3.7	3.9	2.9	11.0	76	28	0.005939
T4A112M-2	4	12.8	7.42	4.27	12.3	7.05	4.09	11.7	6.79	3.92	2920	4.80	3505	90.0	90.4	89.7	0.91	3.5	3.9	2.6	10.5	77	35	0.009270
T4A132S1-2	5.5	17.6	10.2	5.88	16.9	9.70	5.63	16.2	9.35	5.39	2940	6.60	3530	90.9	90.9	89.5	0.90	3.4	4.0	2.3	10.5	80	49	0.017735
T4A132S2-2	7.5	23.6	13.7	7.86	22.6	13.0	7.52	21.6	12.5	7.21	2940	9.00	3530	91.7	91.7	90.7	0.91	3.8	4.1	2.3	10.0	80	59	0.022880
T4A160M1-2	11	34.3	19.8	11.4	32.8	18.8	10.9	31.4	18.2	10.5	2950	13.20	3540	92.6	93.2	92.1	0.91	3.5	3.8	2.5	10.0	86	95	0.069134
T4A160M2-2	15	45.9	26.6	15.3	43.9	25.2	14.6	42.0	24.3	14.0	2960	18.00	3550	93.3	93.8	92.8	0.92	3.6	3.8	2.5	10.0	86	116	0.090348
T4A160L-2	18.5	55.7	32.3	18.6	53.3	30.6	17.8	51.1	29.5	17.0	2960	22.20	3550	93.7	94.2	93.1	0.93	3.8	4.0	2.5	10.3	86	136	0.107485
T4A631-4	0.12	0.68	0.40	0.23	0.65	0.38	0.22	0.63	0.36	0.21	1400	0.14	1680	69.8	68.2	66.5	0.66	2.3	2.7	2.3	4.0	52	4	0.000336
T4A632-4	0.18	0.94	0.55	0.31	0.90	0.52	0.30	0.87	0.50	0.29	1400	0.22	1680	74.7	74.1	69.7	0.67	2.6	2.8	2.4	4.3	52	4.8	0.000430
T4A711-4	0.25	1.30	0.75	0.43	1.24	0.71	0.41	1.19	0.69	0.40	1430	0.30	1715	77.9	77.0	72.9	0.65	3.0	3.4	2.8	5.6	55	6.5	0.000841
T4A712-4	0.37	1.81	1.05	0.60	1.74	1.00	0.58	1.66	0.96	0.55	1430	0.44	1715	81.1	80.5	77.2	0.66	3.4	3.6	3.0	6.2	55	8	0.001188
T4A801-4	0.55	2.57	1.49	0.86	2.46	1.41	0.82	2.35	1.36	0.78	1440	0.66	1730	83.9	83.3	80.6	0.67	3.4	3.7	3.0	6.8	57	11	0.002047
T4A802-4	0.75	3.43	1.98	1.14	3.28	1.89	1.09	3.14	1.82	1.05	1450	0.90	1740	85.7	85.3	82.8	0.67	3.7	4.0	3.1	7.3	58	13	0.002646
T4A90S-4*	1.1	4.80	2.78	1.60	4.59	2.64	1.53	4.40	2.54	1.47	1435	1.32	1720	87.2	87.1	84.4	0.69	4.8	4.1	3.8	8.2	61	18	0.004685
T4A90L-4*	1.5	6.29	3.64	2.10	6.01	3.46	2.00	5.76	3.33	1.92	1455	1.80	1745	88.2	88.1	86.1	0.71	4.8	4.2	3.8	9.2	61	21.5	0.005696
T4A100L1-4	2.2	8.49	4.91	2.83	8.12	4.67	2.71	7.78	4.50	2.59	1460	2.64	1750	89.5	89.6	88.2	0.76	3.5	4.3	3.0	9.5	64	26	0.010435
T4A100L2-4*	3	11.6	6.72	3.87	11.1	6.39	3.70	10.6	6.16	3.55	1460	3.60	1750	90.4	89.7	88.1	0.75	3.8	4.5	3.4	9.5	64	33	0.013074
T4A112M-4*	4	14.4	8.34	4.80	13.8	7.92	4.59	13.2	7.64	4.40	1460	4.80	1750	91.1	91	90	0.80	4.0	4.5	3.0	9.8	65	41	0.019436
T4A132S-4	5.5	19.6	11.4	6.54	18.8	10.8	6.26	18.0	10.4	6.00	1470	6.60	1765	91.9	92.2	91.5	0.80	3.4	4.1	2.1	10.0	71	56	0.043597
T4A132M-4	7.5	26.2	15.2	8.75	25.1	14.4	8.37	24.1	13.9	8.02	1470	9.00	1765	92.6	92.8	92.2	0.81	4.4	4.0	2.2	10.2	71	74	0.055210
T4A160M-4	11	37.7	21.8	12.6	36.1	20.8	12.0	34.6	20.0	11.5	1475	13.20	1770	93.3	93.5	92.8	0.82	2.8	3.2	2.2	9.1	75	100	0.127619
T4A160L-4	15	50.5	29.2	16.8	48.3	27.8	16.1	46.3	26.8	15.4	1475	18.00	1770	93.9	94.1	93.7	0.83	3.2	3.5	2.2	9.2	75	126	0.165297
T4A711-6	0.18	1.12	0.65	0.37	1.07	0.62	0.36	1.03	0.60	0.34	940	0.22	1130	70.1	66.8	60.2	0.60	2.9	3.2	3.0	4.1	52	6.3	0.001020
T4A712-6	0.25	1.48	0.85	0.49	1.41	0.81	0.47	1.35	0.78	0.45	940	0.30	1130	74.1	71.5	65.3	0.60	2.6	2.9	2.6	4.5	52	7.4	0.001250
T4A801-6	0.37	2.04	1.18	0.68	1.95	1.12	0.65	1.87	1.08	0.62	950	0.44	1140	78.0	76.7	72.2	0.61	2.7	3.1	2.5	4.8	56	11	0.002634
T4A802-6*	0.55	2.92	1.69	0.97	2.80	1.61	0.93	2.68	1.55	0.89	950	0.66	1140	80.9	80	76.3	0.61	3.2	3.5	2.8	5.3	56	14	0.003677
T4A90S-6*	0.75	3.78	2.19	1.26	3.61	2.08	1.20	3.46	2.00	1.15	960	0.90	1150	82.7	81.6	77.7	0.63	2.8	3.2	2.4	5.7	59	15.5	0.004683
T4A90L-6*	1.1	5.26	3.04	1.75	5.03	2.89	1.68	4.82	2.79	1.61	960	1.32	1150	84.5	83.5	80.5	0.65	3.1	3.3	2.5	5.9	59	20	0.006503
T4A100L-6	1.5	6.36	3.68	2.12	6.09	3.50	2.03	5.83	3.37	1.94	965	1.80	1160	85.9	86.2	84.5	0.72	2.7	3.0	1.9	6.5	61	28	0.012757
T4A112M-6	2.2	9.57	5.54	3.19	9.16	5.27	3.05	8.78	5.08	2.93	970	2.64	1165	87.4	87.2	85.4	0.69	3.0	3.8	2.6	7.5	64	35	0.022890
T4A132S-6	3	12.5	7.25	4.17	12.0	6.88	3.99	11.5	6.63	3.82	975	3.60	1170	88.6	88.7	87.4	0.71	2.5	3.2	1.9	7.1	64	47	0.043846
T4A132M1-6	4	15.9	9.18	5.28	15.2	8.72	5.05	14.5	8.40	4.84	975	4.80	1170	89.5	89.8	88.8	0.74	2.8	3.4	1.8	8.0	68	55	0.053987
T4A132M2-6	5.5	21.3	12.3	7.09	20.3	11.7	6.78	19.5	11.3	6.50	975	6.60	1170	90.5	90.7	89.7	0.75	3.3	3.3	1.8	8.2	68	68	0.070723
T4A160M-6	7.5	28.0	16.2	9.33	26.8	15.4	8.93	25.7	14.8	8.55	980	9.00	1175	91.3	91.5	90.3	0.77	3.3	3.3	1.8	8.5	68	92	0.128267
T4A160L-6	11	40.6	23.5	13.5	38.9	22.3	13.0	37.2	21.5	12.4	980	13.20	1175	92.3	92.6	91.2	0.77	3.4	3.4	1.8	8.5	73	120	0.185230
T4A712-8	0.12	0.84	0.49	0.28	0.81	0.46	0.27	0.77	0.45	0.26	690	0.14	830	62.3	59.8	52.6	0.60	2.2	2.3	2.0	2.9	50	7.5	0.001327
T4A801-8	0.18	1.35	0.78	0.45	1.29	0.74	0.43	1.24	0.72	0.41	710	0.22	850	67.2	64.1	56.8	0.52	2.3	2.7	2.0	3.4	52	10	0.002323
T4A802-8	0.25	1.78	1.03	0.59	1.70	0.98	0.57	1.63	0.94	0.54	710	0.30	850	70.8	67.9	61	0.52	2.7	3.1	2.4	3.7	52	12	0.003080
T4A90S-8	0.37	2.51	1.46	0.84	2.40	1.38	0.80	2.30	1.33	0.77	715	0.44	860	74.3	71.9	65.7	0.52	2.5	2.9	2.2	3.9	56	14	0.004070
T4A90L-8	0.55	3.60	2.09	1.20	3.45	1.98	1.15	3.30	1.91	1.10	710	0.66	850	77	75.4	70.1	0.52	2.5	2.9	2.2	4.0	56	17.5	0.005498
T4A100L1-8	0.75	3.92	2.27	1.31	3.75	2.16	1.25	3.60	2.08	1.20	710	0.90	850	78.4	77.9	74.4	0.64	2.1	2.8	2.1	4.3	59	20.5	0.008340
T4A100L2-8	1.1	5.58	3.23	1.86	5.34	3.07	1.78	5.12	2.96	1.71	710	1.32	850	80.8	80.7	78.1	0.64	2.3	2.6	1.8	4.5	59	26	0.011561
T4A112M-8	1.5	7.56	4.38	2.52	7.24	4.16	2.41	6.93	4.01	2.31	715	1.80	860	82.6	82.3	79.5	0.63	2.5	3.0	2.3	5.1	61	33	0.021400
T4A132S-8	2.2	10.7	6.18	3.56	10.2	5.87	3.40	9.79	5.66	3.26	725	2.64	870	84.5	85.5	82.5	0.64	2.3	3.0	2.0	5.6	64	50	0.048867
T4A132M-8	3	13.7	7.92	4.56	13.1	7.52	4.36	12.5	7.25	4.18	725	3.60	870	85.9	86.0	84.2	0.67	2.5	3.1	2.1	6.3	64	61	0.062355
T4A160M1-8	4	17.5	10.1	5.82	16.7	9.61	5.57	16.0	9.26	5.34	725	4.80	870	87.1	87.5	86.3	0.69	2.2	2.8	1.7	5.6	68	76	0.101417
T4A160M2-8	5.5	23.4	13.5	7.78	22.3	12.8	7.45	21.4	12.4	7.14	725	6.60	870	88.3	88.7	87.8	0.70	2.5	3.0	1.8	6.1	68	94	0.135595
T4A160L-8	7.5	31.0	18.0	10.3	29.7	17.1	9.90	28.5	16.5	9.49	725	9.00	870	89.3	89.7	89.0	0.71	2.5	3.0	1.6	6.6	68	116	0.177635

Note：Model with * will be Longer Non-drive Endshield & Fan cover.

TAI Series MEPS2(Aus) High Effciency Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Power	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Noise dB(A)	Inertia (kg*m^2)
TAI 801–2	0.75	3.18	1.84	1.06	3.04	1.75	1.01	2.91	1.68	0.97	2880	0.9	3455	79.4	78.6	74.5	0.78	2.9	3.3	1.9	7	67	0.00097
TAI 802–2	1.1	4.34	2.51	1.45	4.15	2.38	1.38	3.97	2.30	1.32	2880	1.32	3455	81.2	81.3	78.8	0.82	2.8	2.8	1.8	7.6	67	0.00120
TAI 90S–2	1.5	5.70	3.30	1.90	5.45	3.14	1.82	5.23	3.02	1.74	2880	1.8	3455	83.2	83.4	81.3	0.83	2.7	3	1.9	7	72	0.00186
TAI 90L–2	2.2	8.28	4.79	2.76	7.92	4.55	2.64	7.59	4.39	2.53	2890	2.64	3470	84	84.6	82.9	0.83	3	3.1	2.2	8.2	72	0.00242
TAI 100L1–2	3	11.0	6.36	3.66	10.5	6.04	3.50	10.07	5.83	3.36	2900	3.6	3480	85.3	84.9	83.2	0.84	3	3.6	2.7	7.6	76	0.00413
TAI 112M1–2	4	13.6	7.90	4.55	13.1	7.51	4.35	12.5	7.24	4.17	2910	4.8	3490	87.4	87.8	86.6	0.88	3.3	3.6	2	9.6	77	0.00631
TAI 112M2–2	5.5	18.8	10.9	6.27	18.0	10.3	6.00	17.2	9.97	5.75	2915	6.6	3500	88.2	88.5	87.3	0.87	3.4	4.1	2.8	10.2	78	0.00809
TAI 132S1–2	5.5	18.7	10.8	6.22	17.8	10.3	5.95	17.1	9.89	5.70	2910	6.6	3490	87.9	88.5	87.5	0.88	2.4	3.4	1.9	8.3	80	0.01332
TAI 132S2–2	7.5	24.8	14.3	8.26	23.7	13.6	7.90	22.7	13.1	7.57	2920	9	3505	89.3	89.8	89.1	0.89	3.1	3.7	2	10.3	80	0.01647
TAI 160M1–2	11	35.8	20.8	11.9	34.3	19.7	11.4	32.9	19.0	11.0	2940	13.2	3530	90.5	90.6	89.2	0.89	2.6	3.4	1.5	8.4	86	0.05009
TAI 160M2–2	15	47.3	27.4	15.8	45.2	26.0	15.1	43.3	25.1	14.4	2950	18	3540	92.5	92.7	91.9	0.9	2.6	3.4	1.8	9.4	86	0.06533
TAI 160L–2	18.5	58.8	34.0	19.6	56.2	32.3	18.7	53.9	31.1	18.0	2950	22.2	3540	90.8	91.7	91.8	0.91	3.2	3.7	1.8	9.8	86	0.07702
TAI 180M–2	22	69.3	40.1	23.1	66.3	38.1	22.1	63.6	36.8	21.2	2950	26.4	3540	91.5	91.1	89	0.91	2.5	2.9	1.4	8.1	88	0.09502
TAI 200L1–2	30	95.1	55.1	31.7	91.0	52.3	30.3	87.2	50.4	29.1	2955	36	3545	92	92.1	91.1	0.9	3.1	3.2	1.4	9.5	90	0.12225
TAI 200L2–2	37	115.4	66.8	38.5	110.3	63.4	36.8	105.7	61.2	35.2	2955	44.4	3545	92.5	92.3	91.3	0.91	2.8	3.5	1.3	9.6	90	0.14882
TAI 801–4	0.55	2.63	1.52	0.88	2.51	1.45	0.84	2.41	1.39	0.80	1420	0.66	1705	73.2	72.6	67.6	0.75	2	2.3	1.6	4.8	57	0.00145
TAI 802–4	0.75	3.52	2.04	1.17	3.36	1.93	1.12	3.22	1.86	1.07	1420	0.9	1705	81.1	81.3	78.6	0.69	3	3.1	2.5	5.5	58	0.00205
TAI 803–4	1.1	5.09	2.95	1.70	4.87	2.80	1.62	4.67	2.70	1.56	1420	1.32	1705	82.2	83.1	81.4	0.69	2.8	2.9	2.5	5.9	61	0.00252
TAI 90S–4	1.1	4.65	2.69	1.55	4.45	2.56	1.48	4.26	2.46	1.42	1420	1.32	1705	82.8	83.3	81.1	0.75	2.9	2.8	2.2	6.2	61	0.00351
TAI 90L1–4	1.5	6.22	3.60	2.07	5.95	3.42	1.98	5.70	3.30	1.90	1440	1.8	1730	84.4	85.3	84.1	0.75	3	3.2	2.4	7.3	61	0.00435
TAI 100L1–4	2.2	8.21	4.75	2.74	7.85	4.51	2.62	7.52	4.35	2.51	1440	2.64	1730	85.8	86.7	85.8	0.82	2.6	3.1	2.1	7.3	64	0.00776
TAI 100L2–4	3	11.4	6.63	3.81	10.9	6.29	3.65	10.5	6.07	3.50	1445	3.6	1735	86	86.6	85.4	0.8	2.9	3.4	2.4	8.1	64	0.00974
TAI 112M1–4	4	14.6	8.48	4.88	14.0	8.06	4.67	13.4	7.76	4.48	1440	4.8	1730	87.4	88.5	88	0.82	2.5	3.3	2.3	7.9	65	0.01374
TAI 112M2–4	5.5	20.5	11.9	6.84	19.6	11.3	6.54	18.8	10.9	6.27	1425	6.6	1710	87.9	88.8	88.3	0.8	3.7	3.6	3.1	8.3	71	0.01735
TAI 132S–4	5.5	19.7	11.4	6.58	18.9	10.9	6.29	18.1	10.5	6.03	1460	6.6	1750	88.1	88.5	87.4	0.83	2.1	3.5	1.9	8.6	71	0.03059
TAI 132M1–4	7.5	26.7	15.4	8.89	25.5	14.7	8.51	24.5	14.1	8.15	1460	9	1750	88.9	89.4	88.6	0.83	2.7	3.2	1.8	8.9	71	0.03973
TAI 132M2–4	9.2	31.7	18.4	10.6	30.4	17.5	10.1	29.1	16.8	9.70	1455	11.04	1745	89.5	90.4	90.2	0.85	2.9	3.2	1.7	8.7	74	0.04618
TAI 132M3–4	11	37.6	21.8	12.5	35.9	20.7	12.0	34.4	19.9	11.5	1450	13.2	1740	90.4	91.1	90.7	0.85	3.3	3.6	1.5	9.3	75	0.05392
TAI 160M–4	11	38.7	22.4	12.9	37.0	21.3	12.3	35.5	20.5	11.8	1460	13.2	1750	89.9	90.5	90.1	0.83	2.5	2.7	1.7	7	75	0.08967
TAI 160L1–4	15	51.3	29.7	17.1	49.1	28.2	16.4	47.1	27.2	15.7	1465	18	1760	91.3	91.9	91.3	0.84	2.5	2.8	1.6	8.3	75	0.11820
TAI 180M–4	18.5	60.3	34.9	20.1	57.7	33.2	19.2	55.3	32.0	18.4	1460	22.2	1750	91.5	91.9	91.4	0.88	2.4	3	1.8	7.8	80	0.15506
TAI 180L–4	22	71.5	41.4	23.8	68.4	39.4	22.8	65.6	37.9	21.9	1460	26.4	1750	91.7	92.3	92	0.88	2.4	2.8	1.7	7.7	80	0.17329
TAI 200L–4	30	98.5	57.1	32.8	94.3	54.2	31.4	90.3	52.2	30.1	1470	36	1765	92.9	93.2	92.6	0.86	3.2	3.7	2.3	9.5	83	0.24231
TAI 801–6	0.37	2.41	1.40	0.80	2.31	1.33	0.77	2.21	1.28	0.74	910	0.444	1090	61	58.6	50.7	0.66	1.9	2.2	1.8	3.2	56	0.00160
TAI 802–6	0.55	3.29	1.90	1.10	3.15	1.81	1.05	3.02	1.74	1.01	910	0.66	1090	65.5	65.4	60.7	0.67	2.1	2.3	2	3.5	56	0.00204
TAI 90S–6	0.75	4.04	2.34	1.35	3.86	2.22	1.29	3.70	2.14	1.23	940	0.9	1130	76.2	75.6	71.4	0.64	2.2	2.5	1.9	4.5	59	0.00347
TAI 90L–6	1.1	5.34	3.09	1.78	5.11	2.94	1.70	4.90	2.83	1.63	945	1.32	1135	78.3	78.4	75.5	0.69	2.5	2.7	2.2	5.1	59	0.00488
TAI 100L1–6	1.5	6.64	3.84	2.21	6.35	3.65	2.12	6.09	3.52	2.03	945	1.8	1135	80.1	82	81.5	0.74	1.7	2.2	1.6	4.8	61	0.00834
TAI 112M–6	2.2	9.68	5.61	3.23	9.26	5.33	3.09	8.88	5.13	2.96	950	2.64	1140	82.8	83.9	82.8	0.72	2.1	2.7	1.8	5.5	64	0.01544
TAI 132S–6	3	12.1	7.01	4.04	11.6	6.66	3.86	11.1	6.42	3.70	960	3.6	1150	85.5	87	86.6	0.76	1.8	2.5	1.6	6.1	64	0.03213
TAI 132M1–6	4	16.7	9.70	5.58	16.0	9.21	5.34	15.4	8.88	5.12	960	4.8	1150	84.7	85.7	84.9	0.74	2	2.6	1.7	5.9	68	0.03892
TAI 132M2–6	5.5	22.3	12.9	7.43	21.3	12.3	7.11	20.4	11.8	6.81	960	6.6	1150	86.3	87.5	87.1	0.75	2.4	2.6	1.8	6.6	68	0.04897
TAI 160M–6	7.5	29.1	16.9	9.70	27.8	16.0	9.28	26.7	15.4	8.90	965	9	1160	87.8	88.8	88.3	0.77	2.5	2.9	1.9	6.9	68	0.09382
TAI 160L–6	11	42.5	24.6	14.2	40.6	23.4	13.5	38.9	22.5	13.0	970	13.2	1165	89.4	90.1	89.5	0.76	2.2	2.3	1.3	6.5	73	0.12827
TAI 180L–6	15	52.9	30.6	17.6	50.6	29.1	16.9	48.5	28.1	16.2	975	18	1170	89.6	89.4	88.6	0.83	2.2	2.7	1.2	8	77	0.25406
TAI 200L1–6	18.5	67.1	38.8	22.4	64.1	36.9	21.4	61.5	35.5	20.5	980	22.2	1175	90.5	90.8	89.8	0.8	2.5	2.9	1.7	7.6	80	0.30394
TAI 200L2–6	22	76.6	44.4	25.5	73.3	42.1	24.4	70.2	40.6	23.4	980	26.4	1175	90.8	91.2	90.5	0.83	2.3	2.6	2.3	7.6	80	0.35316

TAP Series MEPS2(Aus) Premium Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Power	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Noise dB(A)	Net weight (kg)	Inertia (kg*m²)
TAP 801–2	0.75	2.99	1.73	1.00	2.84	1.64	0.95	2.74	1.58	0.91	2880	0.9	3455	81.4	81	77.9	0.81	3.1	3.2	2.3	7.4	67	8.9	0.00097
TAP 802–2	1.1	4.25	2.46	1.42	4.04	2.33	1.35	3.89	2.25	1.30	2890	1.32	3470	83	82.8	80.2	0.82	3.2	3.2	2.2	7.8	67	10.6	0.00128
TAP 90S–2	1.5	5.68	3.28	1.89	5.39	3.11	1.80	5.20	3.00	1.73	2890	1.8	3470	84.8	84.4	82	0.82	3.5	3.7	2.1	8.3	72	14	0.00219
TAP 90L1–2	2.2	7.98	4.61	2.66	7.58	4.38	2.53	7.30	4.22	2.43	2900	2.64	3480	86.4	86.6	85.2	0.84	3.3	3.7	1.5	9	72	16.3	0.00264
TAP 100L1–2	3	10.3	5.93	3.42	9.75	5.63	3.25	9.40	5.43	3.13	2910	3.6	3500	87.4	87.8	86.6	0.88	3.2	3.6	2.6	9.4	76	23.7	0.00484
TAP 112M1–2	4	13.1	7.58	4.38	12.5	7.20	4.16	12.0	6.94	4.01	2920	4.8	3510	88.1	88.2	87	0.91	3.4	3.9	2.4	10.5	77	30.1	0.00751
TAP 132S1–2	5.5	18.0	10.4	5.99	17.1	9.86	5.69	16.5	9.50	5.48	2920	6.6	3505	89.5	89.7	88.5	0.9	3.2	4	2.5	10	80	43.4	0.01521
TAP 132S2–2	7.5	24.1	13.9	8.02	22.9	13.2	7.62	22.0	12.7	7.35	2920	9	3505	90.1	90.9	90.7	0.91	2.6	3.6	1.9	10.1	80	51.7	0.01900
TAP 160M1–2	11	36.0	20.8	12.0	34.2	19.7	11.4	32.9	19.0	11.0	2950	13.2	3540	91.5	91.3	89.9	0.88	3.2	4	1.4	10.3	86	85.5	0.05961
TAP 160M2–2	15	46.6	26.9	15.5	44.3	25.6	14.8	42.7	24.6	14.2	2950	18	3540	92.1	91.7	90.1	0.92	3.9	4.2	1.4	11.4	86	104	0.07675
TAP 160L1–2	18.5	57.2	33.0	19.1	54.3	31.4	18.1	52.4	30.2	17.5	2950	22.2	3540	92.5	92.9	91.9	0.92	3	3	1.5	9.1	86	121	0.09225
TAP 180M–2	22	68.5	39.5	22.8	65.1	37.6	21.7	62.7	36.2	20.9	2950	26.4	3540	92.9	93.2	92.6	0.91	2.7	3.3	1.7	9	88	130.6	0.10468
TAP 200L1–2	30	93.7	54.1	31.2	89.0	51.4	29.7	85.8	49.5	28.6	2960	36	3560	93.6	93.5	92.5	0.9	3.5	3.8	1.8	10.2	90	158	0.13674
TAP 200L2–2	37	115.6	66.7	38.5	109.8	63.4	36.6	105.8	61.1	35.3	2960	44.4	3560	93.6	93.5	92.5	0.9	3.6	3.7	1.7	9.8	90	173.1	0.16331
TAP 802–4	0.75	3.45	1.99	1.15	3.28	1.89	1.09	3.16	1.82	1.05	1435	0.9	1720	82.9	83.4	81.5	0.69	2.7	2.8	2.3	6.1	58	11.7	0.00228
TAP 90S–4	1.1	4.63	2.67	1.54	4.40	2.54	1.47	4.24	2.45	1.41	1440	1.32	1730	84.5	84.5	82.2	0.74	3.7	3.8	3.1	7.7	61	15.1	0.00384
TAP 90L1–4	1.5	6.32	3.65	2.11	6.00	3.46	2.00	5.78	3.34	1.93	1440	1.8	1730	85.6	85.6	83.4	0.73	3.7	3.6	2.9	8	61	18	0.00469
TAP 100L1–4	2.2	8.11	4.68	2.70	7.70	4.45	2.57	7.42	4.29	2.47	1450	2.64	1740	87.1	87.6	86.6	0.82	2.9	3.5	2.4	8	64	23.9	0.00875
TAP 100L2–4	3	11.4	6.57	3.79	10.8	6.24	3.60	10.4	6.02	3.47	1450	3.6	1740	87.8	88.1	87	0.79	3.3	3.4	2.7	8.1	64	28.3	0.01106
TAP 112M1–4	4	14.5	8.35	4.82	13.7	7.93	4.58	13.2	7.64	4.41	1450	4.8	1740	88.8	89	88.4	0.82	3.1	3.7	2.6	8.6	65	33.9	0.01529
TAP 132S–4	5.5	19.2	11.1	6.40	18.2	10.5	6.08	17.6	10.1	5.86	1460	6.6	1760	89.8	90	89.6	0.84	2.3	3.5	1.9	9	71	47.4	0.03446
TAP 132M1–4	7.5	25.7	14.8	8.56	24.4	14.1	8.13	23.5	13.6	7.84	1460	9	1760	90.4	90.9	90.3	0.85	2.6	3.4	2.2	8.9	71	57.4	0.04360
TAP 160M–4	11	38.0	21.9	12.7	36.1	20.8	12.0	34.8	20.1	11.6	1470	13.2	1770	91.8	92.1	90.2	0.83	2.6	2.8	1.8	7.6	75	89	0.10537
TAP 160L1–4	15	50.3	29.0	16.8	47.7	27.6	15.9	46.0	26.6	15.3	1470	18	1770	92.4	92.6	91.6	0.85	3	3	2	9.2	75	110.5	0.13704
TAP 180M–4	18.5	61.1	35.3	20.4	58.1	33.5	19.4	56.0	32.3	18.7	1470	22.2	1770	92.6	92.8	92.1	0.86	2.8	3.3	1.9	8.8	80	130	0.17329
TAP 180L–4	22	72.2	41.7	24.1	68.6	39.6	22.9	66.1	38.2	22.0	1470	26.4	1770	93.2	93.3	92.5	0.86	3	3.5	2.1	9.3	80	145.4	0.20064
TAP 200L–4	30	96.9	56.0	32.3	92.1	53.2	30.7	88.8	51.3	29.6	1470	36	1770	93.6	93.7	92.9	0.87	3.2	3.7	2.1	9.7	83	180	0.26510
TAP 90S–6	0.75	3.71	2.14	1.24	3.52	2.03	1.17	3.39	1.96	1.13	945	0.9	1135	79.5	80.7	78.7	0.67	2.3	2.6	2.1	4.7	59	13.8	0.00407
TAP 90L–6	1.1	5.33	3.08	1.78	5.07	2.93	1.69	4.88	2.82	1.63	945	1.32	1135	81	81.1	78.4	0.67	2.7	2.9	2.5	5.2	59	16.2	0.00549
TAP 100L–6	1.5	6.47	3.74	2.16	6.15	3.55	2.05	5.93	3.42	1.98	945	1.8	1135	82.4	82.9	81.7	0.74	2.4	2.9	2.2	5.5	61	22.1	0.00914
TAP 112M–6	2.2	9.7	5.59	3.23	9.20	5.31	3.07	8.87	5.12	2.96	960	2.64	1150	84.2	84.4	83.1	0.71	2	2.5	1.9	5.5	64	27.1	0.01768
TAP 132S–6	3	12.4	7.18	4.14	11.8	6.82	3.94	11.4	6.57	3.80	965	3.6	1160	85.8	86.2	85.3	0.74	2	2.7	1.7	6	64	38.6	0.03380
TAP 132M1–6	4	16.3	9.42	5.44	15.5	8.95	5.17	14.9	8.62	4.98	970	4.8	1165	87.2	87.5	86.6	0.74	2.3	3	1.8	6.8	68	47.6	0.04395
TAP 132M2–6	5.5	22.8	13.2	7.60	21.7	12.5	7.22	20.9	12.0	6.96	970	6.6	1165	88.2	88.5	87.3	0.72	2.9	3.5	2.2	7.4	68	55.7	0.05399
TAP 160M–6	7.5	29.1	16.8	9.69	27.6	16.0	9.21	26.6	15.4	8.88	970	9	1165	89.3	89.7	88.7	0.76	2.2	2.9	1.8	7.3	68	79.6	0.10901
TAP 160L–6	11	41.0	23.7	13.7	38.9	22.5	13.0	37.5	21.7	12.5	975	13.2	1170	90.6	91.1	90.2	0.78	2.7	2.9	1.2	8.4	73	105	0.15485
TAP 180L–6	15	55.6	32.1	18.5	52.8	30.5	17.6	50.9	29.4	17.0	980	18	1175	91	90.8	89.6	0.78	2.5	3.3	2.1	8.2	77	125.2	0.27516
TAP 200L1–6	18.5	67.3	38.8	22.4	63.9	36.9	21.3	61.6	35.6	20.5	980	22.2	1175	91.6	91.2	89.9	0.79	2.5	3.3	2	8.5	80	143	0.33207
TAP 200L2–6	22	79.6	45.9	26.5	75.6	43.6	25.2	72.9	42.1	24.3	980	26.4	1175	92.1	91.9	90.8	0.79	2.8	3.5	2.2	8.8	80	162	0.38832

IEC Frame-NEMA Premium Efficiency Motors Technical Data (at 60Hz)

Model	Power		Current(A)		Current(A)	Speed (r/min)	Eff. (%)	Power factor (cos ϕ)	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Inertia (kg*m²)
IEC	(HP)	(kW)	230V	460V	575V								
T 801–2	1	0.75	3.13	1.57	1.25	3490	77	0.78	2.7	3.1	1.5	7.3	0.000896
T 802–2	1.5	1.1	4.11	2.05	1.64	3510	84	0.8	3.8	4.1	2.6	9.7	0.001275
T 90S–2	2	1.5	5.18	2.59	2.07	3500	85.5	0.85	2.9	3.3	2	9.1	0.001966
T 90L–2	3	2.2	7.34	3.67	2.94	3490	86.5	0.87	2.7	3.3	1.6	8.4	0.002416
T 100L1–2	4	3	9.56	4.78	3.82	3520	88.5	0.89	4.9	4.7	2.4	11.9	0.005197
T 112M1–2	5.5	4	12.6	6.30	5.04	3520	88.5	0.9	3.2	4	2.4	10.9	0.006893
T 132S1–2	7.5	5.5	17.0	8.48	6.78	3520	89.5	0.91	2.6	3.6	1.7	9.6	0.015212
T 132S2–2	10	7.5	22.7	11.3	9.08	3520	90.2	0.92	2.5	3.5	1.4	8.7	0.018996
T 132M–2	15	11	33.0	16.5	13.2	3530	91	0.92	3.5	4.7	0.8	11.5	0.023511
T 160M1–2	15	11	33.7	16.9	13.5	3550	91	0.9	2.7	3.3	0.9	8.8	0.053901
T 160M2–2	20	15	45.5	22.7	18.2	3550	91	0.91	3	3.3	1.4	9.6	0.065326
T 160L–2	25	18.5	55.7	27.8	22.3	3550	91.7	0.91	3.3	3.4	1.5	10.2	0.077018
T 802–4	1	0.75	3.06	1.53	1.22	1740	85.5	0.72	2.7	3	2.3	6.7	0.002285
T 90S–4	1.5	1.1	4.37	2.19	1.75	1740	86.5	0.73	3.6	3.7	2.6	7.7	0.003842
T 90L–4	2	1.5	5.65	2.83	2.26	1740	86.5	0.77	3	3.2	2.1	7.8	0.004685
T 100L1–4	3	2.2	7.71	3.86	3.09	1760	89.5	0.8	3	4	2.4	9.5	0.009743
T 100L2–4	4	3	10.65	5.33	4.26	1750	89.5	0.79	3.4	4.1	2.9	9.3	0.011063
T 112M1–4	5.4	4	13.2	6.60	5.28	1750	89.5	0.85	2.8	3.5	2.2	8.9	0.015292
T 132S–4	7.5	5.5	17.9	8.96	7.17	1770	91.7	0.84	2.6	4	1.9	10.1	0.038335
T 132M1–4	10	7.5	23.9	11.9	9.55	1760	91.7	0.86	3.1	3.8	1.7	10.3	0.046178
T 160M–4	15	11	36.0	18.0	14.4	1770	92.4	0.83	3.1	3.1	2	9	0.105373
T 160L1–4	20	15	47.6	23.8	19.1	1770	93	0.85	3.2	3	2	8.9	0.137038
T 90S–6	1	0.75	3.26	1.63	1.30	1145	82.5	0.7	2.3	2.7	2.1	5.2	0.004472
T 100L0–6	1.5	1.1	4.93	2.47	1.97	1175	87.5	0.64	3	3.6	2.4	7.1	0.011529
T 100L1–6	2	1.5	6.65	3.32	2.66	1170	88.5	0.64	2.9	3.9	2.8	7.2	0.013124
T 112M–6	3	2.2	8.94	4.47	3.58	1175	89.5	0.69	3.2	3.7	2.2	7.9	0.025870
T 132S–6	4	3	12.0	6.01	4.81	1175	89.5	0.7	2.6	3.2	1.9	7.1	0.048867
T 132M1–6	5.5	4	14.8	7.38	5.90	1170	89.5	0.76	2.3	2.9	1.6	7.3	0.053987
T 132M2–6	7.5	5.5	20.2	10.1	8.09	1170	91	0.75	3.4	3.5	1.9	8.8	0.079091
T 160M–6	10	7.5	27.6	13.8	11.0	1180	91	0.75	3.1	3.7	1.7	8.4	0.128267
T 160L–6	15	11	40.7	20.3	16.3	1180	91.7	0.74	3.1	3.7	1.7	8.5	0.177635

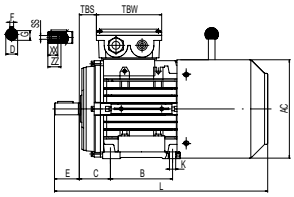
TAB Series

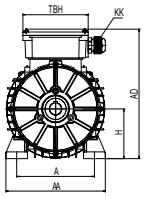
Asynchronous Three-Phase Brake Motors With Squirrel Cage Rotor · Direct Current Brake

· TAB series-enclosed construction externally ventilated-sizes 56~160

The brake–motors of the TAB series result from coupling an asynchronous three–phase motor and an electromagnetic D.C. brake unit. Due to their reliability and operating safety, as well as their quick braking time (connection & disconnection time = 5~80 milliseconds) they are suitable for a great variety of applications, such as:

- Braking of loads or torques on the driving shaft.
- Braking of rotating masses to reduce any lost–time.
- Braking operations to increase the set–up precision.
- Braking of machine parts,according to safely rules.





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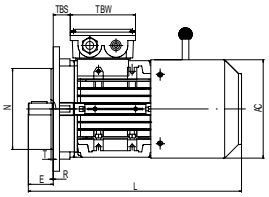

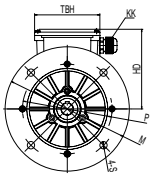

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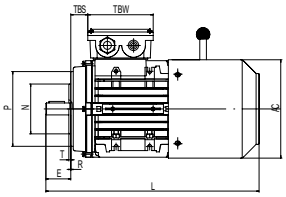

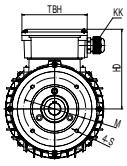

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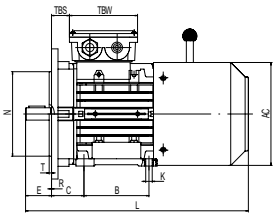

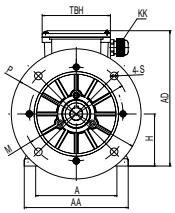

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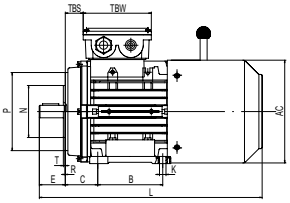
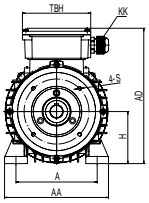




IM B34

Overall & Installation Dimensions

FRAME	Foot Mounting				Shaft								General							
	H	A	B	C	D	E	F	G	K	SS	XX	ZZ	AA	AD	HD	AC	L	TBS	TBW	TBH
TAB56	56	90	71	36	Φ9	20	3	7.2	6×9	M4	10	14	112	152	96	Φ111	233	14	88	88
TAB 63	63	100	80	40	Φ11	23	4	8.5	7×10	M4	10	14	124	170	107	Φ123	267	14	94	94
TAB71	71	112	90	45	Φ14	30	5	11	7×10	M5	12	17	140	187	116	Φ139	303	22	94	94
TAB80	80	125	100	50	Φ19	40	6	15.5	10×15	M6	16	21	160	213	133	Φ158	343	28.5	105	105
TAB 90S	90	140	100	56	Φ24	50	8	20	10×15	M8	19	25	176	233	143	Φ178	372	30.5	105	105
TAB 90L	90	140	125	56	Φ24	50	8	20	10×15	M8	19	25	176	233	143	Φ178	397	30.5	105	105
TAB100	100	160	140	63	Φ28	60	8	24	12×16	M10	22	30	200	256	156	Φ199	443	35	112	112
TAB 112	112	190	140	70	Φ28	60	8	24	12×16	M10	22	30	224	281	169	Φ220	470	36	112	112
TAB 132S/M	132	216	140/178	89	Φ38	80	10	33	12×16	M12	28	37	260	321	189	Φ262	550/588	39.5	112	112
TAB160M/L	160	254	210/254	108	Φ42	110	12	37	15×21	M16	36	45	314	388	228	Φ315	695/739	66.5	143	143

FRAME	KK	B5						B14						B5R						B14B					
		N	M	P	S	T	R	N	M	P	S	T	R	N	M	P	T	S	R	N	M	P	T	S	R
TAB 56	1–M16*1.5	Φ80	Φ100	Φ120	Φ7	3	0	Φ50	Φ65	Φ80	M5	2.5	0												
TAB 63	1–M16*1.5	Φ95	Φ115	Φ140	Φ10	3	0	Φ60	Φ75	Φ90	M5	2.5	0							Φ80	Φ100	Φ120	3	M6	0
TAB 71	1–M20*1.5	Φ110	Φ130	Φ160	Φ10	3.5	0	Φ70	Φ85	Φ105	M6	2.5	0	Φ95	Φ115	Φ140	3	Φ10	0	Φ95	Φ115	Φ140	3	M8	0
TAB 80	1–M20*1.5	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ80	Φ100	Φ120	M6	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0
TAB 90S/L	1–M20*1.5	Φ130	Φ165	Φ200	Φ12	3.5	0	Φ95	Φ115	Φ140	M8	3	0	Φ110	Φ130	Φ160	3.5	Φ10	0	Φ110	Φ130	Φ160	3.5	M8	0
TAB 100	2–M20*1.5	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0
TAB 112	2–M25*1.5	Φ180	Φ215	Φ250	Φ15	4	0	Φ110	Φ130	Φ160	M8	3.5	0	Φ130	Φ165	Φ200	3.5	Φ12	0	Φ130	Φ165	Φ200	3.5	M10	0
TAB 132S/M	2–M25*1.5	Φ230	Φ265	Φ300	Φ15	4	0	Φ130	Φ165	Φ200	M10	3.5	0	Φ180	Φ215	Φ250	4	Φ15	0	Φ180	Φ215	Φ250	4	M12	0
TAB 160M/L	2–M32*1.5	Φ250	Φ300	Φ350	Φ19	5	0	Φ180	Φ215	Φ250	M12	4	0												

Standard Configuration Brake Data

Frame size	Brake type	Brake torque (Speed 100r/min) (Nm)	Brake rated power(20℃) (W)	Delay time when power on (ms)	Brake time (ms)	Pick in time when power off (ms)
56–71	06	4	20	15	30	40
80	08	8	25	15	32	50
90	10	16	30	25	45	69
100	12	32	40	26	56	108
112	14	60	50	27	57	190
132	16	80	55	30	60	200
160	18	150	85	35	78	260

INTORQ Brake Data

Frame size	Brake type	Brake torque (Speed100r/min) (Nm)	Brake rated power (20℃) (W)	Delay time when power on (ms)	Brake time (ms)	Pick in time when power off (ms)
56–71	06	4	20	10	23	52
80	08	8	25	15	31	60
90	10	16	30	31	50	65
100	12	32	40	39	64	145
112	14	60	50	26	51	205
132	16	80	55	40	70	258

T1AB Series IE1 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_s/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_s/I_n (Times)	Noise dB(A)	Inertia (kg*m²)
T1AB 561–2	0.09	0.67	0.39	0.22	0.64	0.37	0.21	0.62	0.36	0.21	2800	3360	52.6	46.6	36.2	0.67	2.4	2.6	2.2	3.5	58	0.00010
T1AB 562–2	0.12	0.86	0.50	0.29	0.82	0.47	0.27	0.79	0.45	0.26	2840	3410	53.3	51.0	41.2	0.69	2.3	2.6	2.1	4.3	58	0.00013
T1AB 563–2	0.18	1.02	0.59	0.34	0.97	0.56	0.32	0.94	0.54	0.31	2780	3340	60.1	58.2	50.5	0.77	2.3	2.5	2.4	4.1	61	0.00014
T1AB 631–2	0.18	1.05	0.60	0.35	1.00	0.57	0.33	0.96	0.55	0.32	2840	3440	60.3	59.4	53.8	0.75	2	2.5	1.7	4.7	61	0.00015
T1AB 632–2	0.25	1.31	0.76	0.44	1.25	0.72	0.42	1.20	0.69	0.40	2840	3400	64.3	60.8	52.8	0.78	2.5	2.7	2	5.2	61	0.00017
T1AB 633–2	0.37	1.84	1.06	0.61	1.75	1.01	0.58	1.69	0.97	0.56	2840	3400	67.8	64.7	59.4	0.78	2	2.4	1.8	5.1	62	0.00020
T1AB 711–2	0.37	1.81	1.05	0.60	1.72	0.99	0.57	1.66	0.96	0.55	2820	3390	68	64.4	60.2	0.79	2	2.2	1.5	5	64	0.00037
T1AB 712–2	0.55	2.48	1.43	0.83	2.35	1.36	0.78	2.27	1.31	0.76	2840	3410	72.1	71.4	68.8	0.81	2.3	2.5	1.7	5.7	64	0.00046
T1AB 713–2	0.75	3.05	1.76	1.02	2.90	1.67	0.97	2.79	1.61	0.93	2840	3410	77.1	77.5	74.8	0.84	2.6	2.6	1.7	6	65	0.00048
T1AB 800–2	0.55	2.59	1.50	0.86	2.46	1.42	0.82	2.37	1.37	0.79	2880	3450	73.5	69.2	65.2	0.76	2.4	2.8	1.5	6.3	64	0.00048
T1AB 801–2	0.75	3.35	1.93	1.12	3.18	1.84	1.06	3.07	1.77	1.02	2870	3440	73.7	71.7	65.4	0.80	2.1	2.5	1.5	5.7	67	0.00090
T1AB 802–2	1.1	4.41	2.55	1.47	4.19	2.42	1.40	4.04	2.33	1.35	2870	3440	79	78.8	75.4	0.83	2.6	2.8	1.8	6.5	67	0.00112
T1AB 803–2	1.5	5.87	3.39	1.96	5.58	3.22	1.86	5.38	3.10	1.79	2870	3440	81	81.1	78.5	0.83	2.7	3	2.1	6.8	70	0.00135
T1AB 90S–2	1.5	5.94	3.43	1.98	5.65	3.26	1.88	5.44	3.14	1.81	2880	3450	80	79.8	76.7	0.83	2.3	2.8	1.4	6.6	72	0.00186
T1AB 90L1–2	2.2	8.25	4.77	2.75	7.84	4.53	2.61	7.56	4.36	2.52	2880	3460	83.5	84	82.2	0.84	2.6	2.7	1.8	7.1	72	0.00231
T1AB 90L2–2*	3	10.8	6.24	3.60	10.3	5.92	3.42	9.89	5.71	3.30	2900	3480	86	86.5	85.2	0.85	2.9	3	1.9	8.1	74	0.00297
T1AB 100L1–2	3	11.3	6.54	3.77	10.8	6.21	3.59	10.4	5.99	3.46	2900	3480	83	82.7	80	0.84	2.7	3.2	2.1	7.7	76	0.00378
T1AB 100L2–2	4	15.0	8.67	5.00	14.3	8.23	4.75	13.7	7.93	4.58	2890	3470	84.5	84.4	82.1	0.83	3.1	3.6	2.8	8.1	77	0.00466
T1AB 100L3–2*	5.5	18.7	10.8	6.23	17.8	10.25	5.92	17.1	9.88	5.70	2900	3480	88	88.6	87.7	0.88	3.3	3.6	2.5	10.1	78	0.00591
T1AB 112M1–2	4	14.2	8.2	4.75	13.5	7.81	4.51	13.0	7.53	4.34	2910	3490	85	85	83.6	0.87	2.8	3.6	1.7	9.2	77	0.00631
T1AB 112M2–2	5.5	19.0	11.0	6.34	18.1	10.4	6.02	17.4	10.1	5.80	2900	3480	86.5	87	86	0.88	3	3.8	2.2	9.8	78	0.00780
T1AB 112M3–2**	7.5	25.8	14.9	8.59	24.5	14.1	8.16	23.6	13.6	7.87	2910	3490	88	88	86.4	0.87	3.8	4.2	2.7	10.3	80	0.00983
T1AB 132S1–2	5.5	18.8	10.9	6.27	17.9	10.3	5.95	17.2	9.9	5.74	2900	3480	86.5	87.2	86.1	0.89	2.1	2.9	1.7	7.8	80	0.01206
T1AB 132S2–2	7.5	25.7	14.8	8.55	24.4	14.1	8.13	23.5	13.6	7.83	2890	3470	88.4	89.1	88.4	0.87	2.7	3.2	2.5	8.2	80	0.01521
T1AB 132M1–2	9.2	30.6	17.6	10.2	29.0	16.8	9.68	28.0	16.2	9.33	2910	3490	88	88.1	86.5	0.90	3.1	3.8	1.7	9.7	81	0.01783
T1AB 132M2–2	11	36.5	21.1	12.2	34.7	20.0	11.6	33.5	19.3	11.2	2920	3500	89	89	87.3	0.89	3.3	4	1.8	10.7	83	0.02036
T1AB 132M3–2**	15	50.4	29.1	16.8	47.9	27.7	16.0	46.2	26.7	15.4	2940	3530	91	90.7	89.1	0.86	4	4.5	2.5	14	86	0.02856
T1AB 160M1–2	11	38.3	22.1	12.8	36.4	21.0	12.1	35.1	20.2	11.7	2940	3530	90	90	88.6	0.84	2.6	3.1	1.5	7.9	86	0.04438
T1AB 160M2–2	15	49.3	28.5	16.4	46.9	27.1	15.6	45.2	26.1	15.1	2940	3530	89.9	90.4	89.6	0.89	2.6	2.9	1.4	8.5	86	0.05580
T1AB 160L1–2	18.5	62.9	36.3	21.0	59.8	34.5	19.9	57.6	33.3	19.2	2950	3540	91	91.2	89.7	0.85	2.8	3.5	1.7	9.4	86	0.06559
T1AB 160L2–2	22	72.3	41.8	24.1	68.7	39.7	22.9	66.2	38.2	22.1	2950	3540	92	92	90.9	0.87	3.4	3.2	1.9	9.4	91	0.07702
T1AB 561–4	0.06	0.54	0.31	0.18	0.52	0.30	0.17	0.50	0.29	0.17	1400	1680	52.8	47.7	38.7	0.55	3.1	3.2	3	3.2	50	0.00019
T1AB 562–4	0.09	0.71	0.41	0.24	0.68	0.39	0.23	0.65	0.38	0.22	1400	1680	56.2	51.7	43.1	0.59	2.3	2.5	2.8	3.1	50	0.00024
T1AB 563–4	0.12	0.88	0.51	0.29	0.84	0.49	0.28	0.81	0.47	0.27	1390	1670	58.5	54.3	45.6	0.61	2.65	2.8	2.7	3.2	52	0.00026
T1AB 631–4	0.12	0.84	0.48	0.28	0.79	0.46	0.26	0.77	0.44	0.26	1395	1670	58.1	54.8	46.8	0.65	2.1	2.3	1.7	3.5	52	0.00027
T1AB 632–4	0.18	1.09	0.63	0.36	1.04	0.60	0.35	1.00	0.58	0.33	1370	1645	63.7	59.4	54.8	0.68	2.2	2.3	2.1	3.5	52	0.00030
T1AB 633–4	0.25	1.36	0.78	0.45	1.29	0.74	0.43	1.24	0.72	0.41	1360	1630	65.5	65.8	62.2	0.74	2.1	2.3	2	3.9	54	0.00040
T1AB 634–4	0.37	1.84	1.06	0.61	1.75	1.01	0.58	1.69	0.97	0.56	1340	1610	69.5	71.0	69.0	0.76	2.2	2.2	2.1	3.9	55	0.00049
T1AB 711–4	0.25	1.40	0.81	0.47	1.33	0.77	0.44	1.28	0.74	0.43	1390	1670	69	67.9	62.4	0.68	2.2	2.3	1.8	4.1	55	0.00059
T1AB 712–4	0.37	1.85	1.07	0.62	1.76	1.02	0.59	1.70	0.98	0.57	1385	1665	70	70.5	66.2	0.75	2	2.2	1.7	4.3	55	0.00072
T1AB 713–4*	0.55	2.54	1.47	0.85	2.41	1.39	0.80	2.33	1.34	0.78	1390	1670	74	75.3	72.6	0.77	2.2	2.3	1.8	4.7	57	0.00097
T1AB 714–4B**	0.65	3.08	1.78	1.03	2.93	1.69	0.98	2.82	1.63	0.94	1395	1675	76	75.8	73.6	0.73	2.8	2.7	2.2	5.2	58	0.00109
T1AB 801–4	0.55	2.64	1.53	0.88	2.51	1.45	0.84	2.42	1.40	0.81	1420	1705	73	72.2	67.1	0.75	2	2.3	1.6	4.8	57	0.00145
T1AB 802–4	0.75	3.39	1.96	1.13	3.22	1.86	1.08	3.11	1.79	1.04	1410	1695	76.5	77.8	75.4	0.76	2.1	2.3	1.7	4.8	58	0.00169
T1AB 803–4**	1.1	4.73	2.73	1.58	4.49	2.59	1.50	4.33	2.50	1.44	1405	1685	78.5	80.7	79.8	0.78	2.3	2.4	2	5.1	61	0.00217
T1AB 90S–4	1.1	4.85	2.80	1.62	4.61	2.66	1.54	4.44	2.56	1.48	1410	1690	77.5	77.5	75.4	0.77	2.5	2.7	2.2	5.5	61	0.00268
T1AB 90L1–4	1.5	6.26	3.62	2.09	5.95	3.44	1.98	5.74	3.31	1.91	1410	1695	80.8	81.7	79.7	0.78	2.9	3	2.5	6.2	61	0.00352
T1AB 90L1–4B*	1.85	7.57	4.37	2.52	7.19	4.15	2.40	6.93	4.00	2.31	1415	1700	81.4	82.3	80.6	0.79	3.1	3	2.5	6.5	62	0.00419
T1AB 90L2–4*	2.2	8.84	5.10	2.95	8.39	4.85	2.80	8.09	4.67	2.70	1410	1690	81.9	83.2	82	0.80	3.2	3.1	2.6	6.7	64	0.00469
T1AB 100L1–4	2.2	8.88	5.13	2.96	8.44	4.87	2.81	8.13	4.70	2.71	1430	1715	82.5	83.5	82.1	0.79	2.2	2.7	1.9	6.3	64	0.00678
T1AB 100L2–4*	3	11.4	6.58	3.80	10.8	6.25	3.61	10.4	6.02	3.48	1430	1715	84.5	85.4	84.4	0.82	2.5	2.8	2.1	6.7	64	0.00842
T1AB 100L3–4*	4	15.2	8.75	5.05	14.4	8.31	4.80	13.9	8.01	4.63	1440	1730	84.7	84.3	81.9	0.82	3	3.5	2.6	7.1	65	0.01073
T1AB 112M1–4	4	15.2	8.78	5.07	14.4	8.34	4.81	13.9	8.04	4.64	1440	1730	85.5	85.6	83.7	0.81	2.9	3	2.1	7.3	65	0.01323
T1AB 112M2–4**	5.5	20.4	11.8	6.81	19.4	11.2	6.47	18.7	10.8	6.23	1440	1730	87.5	88.4	87.8	0.81	2.6	3.5	2.4	7.9	71	0.01684

T1AB Series IE1 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Noise dB(A)	Inertia (kg*m²)
T1AB 132S–4	5.5	20.5	11.9	6.84	19.5	11.3	6.50	18.8	10.9	6.26	1450	1740	86	86.4	84.8	0.82	1.8	2.9	1.7	7.1	71	0.02801
T1AB 132M1–4	7.5	26.6	15.4	8.87	25.3	14.6	8.43	24.4	14.1	8.12	1460	1750	88.3	89.3	89.1	0.84	2.4	2.7	1.4	8.4	71	0.03714
T1AB 132M2–4	9.2	33.8	19.5	11.3	32.1	18.5	10.7	30.9	17.9	10.3	1450	1740	88.5	88.7	87.3	0.81	3.1	3.4	1.7	8.9	74	0.04360
T1AB 132M3–4*	11	38.2	22.1	12.7	36.3	21.0	12.1	35.0	20.2	11.7	1460	1750	90.2	91	90.7	0.84	3.1	2.8	1.3	9.5	75	0.05134
T1AB 160M–4	11	39.1	22.6	13.0	37.1	21.4	12.4	35.8	20.7	11.9	1460	1750	88.2	89.2	87.8	0.84	2.3	2.8	1.4	6.8	75	0.08025
T1AB 160L1–4	15	51.6	29.8	17.2	49.0	28.3	16.4	47.3	27.3	15.8	1450	1750	88.9	90.5	90.9	0.86	2.1	2.1	1.1	6.8	75	0.10564
T1AB 160L2–4	18.5	64.5	37.3	21.5	61.3	35.4	20.4	59.1	34.1	19.7	1460	1755	90.9	91.4	91.1	0.83	2.4	2.5	1.4	7.6	78	0.12762
T1AB 160L3–4	22	74.0	42.7	24.7	70.3	40.6	23.4	67.8	39.1	22.6	1470	1760	92	92.3	91.5	0.85	2.6	2.9	1.4	9	80	0.14960
T1AB 562–6	0.06	0.57	0.33	0.19	0.54	0.31	0.18	0.52	0.30	0.17	920	1105	52.5	47.5	39.3	0.53	2.7	2.9	2.6	2.6	50	0.00033
T1AB 631–6	0.09	0.74	0.42	0.25	0.70	0.40	0.23	0.67	0.39	0.22	870	1040	51.1	49.2	42.5	0.63	1.8	2	1.9	2.6	50	0.00042
T1AB 632–6	0.12	0.95	0.55	0.32	0.90	0.52	0.30	0.87	0.50	0.29	850	1020	49.6	49.2	41.4	0.67	1.8	2	1.8	2.7	50	0.00052
T1AB 633–6	0.18	1.33	0.77	0.44	1.26	0.73	0.42	1.22	0.70	0.41	850	1020	54	52	47.6	0.66	2	2.1	1.9	3	52	0.00060
T1AB 711–6	0.18	1.29	0.75	0.43	1.23	0.71	0.41	1.19	0.68	0.40	890	1070	54.6	52.4	44.3	0.67	1.9	2.2	1.8	3.1	52	0.00084
T1AB 712–6	0.25	1.67	0.97	0.56	1.59	0.92	0.53	1.53	0.88	0.51	910	1095	59.6	57.7	50.2	0.66	2.1	2.3	1.9	3.4	52	0.00096
T1AB 713–6	0.37	2.23	1.28	0.74	2.11	1.22	0.70	2.04	1.18	0.68	900	1080	66.3	65.5	59.7	0.66	2.4	2.5	2.3	3.7	54	0.00115
T1AB 801–6	0.37	2.42	1.40	0.81	2.30	1.33	0.77	2.21	1.28	0.74	910	1090	61	58.6	50.7	0.66	1.9	2.2	1.8	3.2	56	0.00160
T1AB 802–6	0.55	2.99	1.73	1.00	2.84	1.64	0.95	2.74	1.58	0.91	920	1105	71.2	71.1	66	0.68	1.9	2.3	1.8	3.8	56	0.00204
T1AB 803–6**	0.75	3.86	2.23	1.29	3.67	2.12	1.22	3.54	2.04	1.18	910	1095	72	73.1	69.6	0.71	1.9	2.2	1.8	3.9	58	0.00263
T1AB 90S–6	0.75	4.06	2.34	1.35	3.86	2.23	1.29	3.72	2.15	1.24	940	1130	71.5	70.9	65.8	0.68	1.8	2.2	1.5	4.1	59	0.00327
T1AB 90L–6	1.1	5.97	3.45	1.99	5.67	3.27	1.89	5.46	3.15	1.82	930	1120	73.5	73.4	69	0.66	1.9	2.3	1.8	4.1	59	0.00428
T1AB 90L2–6*	1.5	6.98	4.03	2.33	6.63	3.83	2.21	6.39	3.69	2.13	925	1110	77.5	78.7	76.6	0.73	2.2	2.5	1.9	4.8	61	0.00549
T1AB 100L–6	1.5	7.22	4.17	2.41	6.86	3.96	2.29	6.61	3.82	2.20	940	1130	77	77.9	75.3	0.71	1.7	2.2	1.6	4.5	61	0.00754
T1AB 100L2–6	2.2	9.71	5.61	3.24	9.22	5.33	3.07	8.89	5.13	2.96	940	1130	79.5	81	79.8	0.75	1.9	2.3	1.7	5	64	0.00993
T1AB 112M1–6	2.2	10.6	6.11	3.53	10.1	5.80	3.35	9.69	5.59	3.23	945	1135	79.3	79.5	76.5	0.69	1.9	2.3	1.8	4.8	64	0.01395
T1AB 112M2–6	3	12.5	7.21	4.17	11.9	6.85	3.96	11.4	6.61	3.81	940	1130	81	84	84.6	0.78	1.6	2.1	1.5	4.8	64	0.01768
T1AB 112M3–6*	4	17.2	9.92	5.73	16.3	9.43	5.44	15.7	9.09	5.25	955	1145	83.9	85.2	84.6	0.73	1.6	2.1	1.5	4.8	64	0.01768
T1AB 132S–6	3	12.5	7.20	4.16	11.8	6.84	3.95	11.4	6.59	3.81	965	1160	84.4	85.7	85.1	0.75	1.7	2.2	1.3	5.6	64	0.03046
T1AB 132M1–6	4	17.1	9.85	5.69	16.2	9.36	5.40	15.6	9.02	5.21	965	1160	84.5	85.1	83.6	0.73	2	2.6	1.5	5.9	68	0.03725
T1AB 132M2–6	5.5	23.4	13.5	7.79	22.2	12.8	7.40	21.4	12.4	7.13	965	1160	86	87.6	87.7	0.72	2.1	2.4	1.6	5.8	68	0.04897
T1AB 132M3–6	7.5	30.2	17.5	10.1	28.7	16.6	9.58	27.7	16.0	9.23	965	1160	87	87.3	85.8	0.75	2.7	2.9	2	7.3	68	0.06236
T1AB 160M–6	7.5	30.2	17.5	10.1	28.7	16.6	9.58	27.7	16.0	9.23	965	1160	87	87.8	87.1	0.75	2.4	2.9	1.7	6.7	68	0.08623
T1AB 160L–6	11	44.5	25.7	14.8	42.2	24.4	14.1	40.7	23.5	13.6	965	1160	86.8	88.1	87.9	0.75	2.4	2.1	1.2	6.2	73	0.11687
T1AB 160L2–6	15	56.9	32.8	19.0	54.0	31.2	18.0	52.1	30.1	17.4	970	1165	89	88.2	87.9	0.78	2.6	2.6	1.1	7.7	79	0.15485
T1AB 632–8	0.06	0.60	0.34	0.20	0.57	0.33	0.19	0.55	0.32	0.18	650	785	45.6	39.9	35.1	0.58	1.6	1.7	1.5	2	50	0.00043
T1AB 711–8	0.09	0.86	0.49	0.29	0.81	0.47	0.27	0.78	0.45	0.26	680	815	45.4	36.3	31.2	0.61	2	2.2	1.8	2.5	50	0.00079
T1AB 712–8	0.12	0.99	0.57	0.33	0.94	0.54	0.31	0.90	0.52	0.30	690	830	51.7	44.4	39.3	0.62	1.8	2.2	1.7	2.6	50	0.00078
T1AB 801–8	0.18	1.40	0.81	0.47	1.33	0.77	0.44	1.28	0.74	0.43	690	830	54.7	51.2	43.2	0.62	1.9	2.5	1.85	3.2	52	0.00202
T1AB 802–8	0.25	1.96	1.13	0.65	1.86	1.07	0.62	1.79	1.03	0.60	690	830	58	55	47.5	0.58	2.1	2.5	2	3.5	52	0.00232
T1AB 803–8**	0.37	2.55	1.47	0.85	2.42	1.40	0.81	2.34	1.35	0.78	700	840	64.7	60.3	56.3	0.59	2.3	2.5	2	3.4	56	0.00262
T1AB 90S–8	0.37	2.59	1.50	0.86	2.46	1.42	0.82	2.38	1.37	0.79	710	850	64.7	61.9	54.5	0.58	1.7	2.2	1.6	3.2	56	0.00327
T1AB 90L–8	0.55	3.86	2.23	1.29	3.66	2.12	1.22	3.53	2.04	1.18	705	850	64.7	62.3	55.3	0.58	1.9	2.3	1.7	3.4	56	0.00428
T1AB 90L2–8*	0.75	4.74	2.74	1.58	4.51	2.60	1.50	4.34	2.51	1.45	700	840	68.2	66.7	60.7	0.61	1.8	2.1	1.8	3.5	59	0.00488
T1AB 100L1–8	0.75	4.45	2.57	1.48	4.23	2.44	1.41	4.08	2.35	1.36	685	825	68.2	67.7	62.4	0.65	1.9	2.2	1.8	3.6	59	0.00635
T1AB 100L2–8	1.1	5.97	3.45	1.99	5.67	3.27	1.89	5.46	3.15	1.82	700	840	73.5	73.5	69.8	0.66	1.8	2.4	1.8	4.2	59	0.00834
T1AB 112M–8	1.5	8.10	4.68	2.70	7.70	4.45	2.57	7.42	4.28	2.47	700	840	73.8	74.3	71.3	0.66	1.7	2.1	1.5	4	61	0.01395
T1AB 132S–8	2.2	10.4	6.01	3.47	9.9	5.71	3.29	9.52	5.50	3.18	715	860	77.3	77.3	76.3	0.72	1.8	2.1	1.45	4.5	64	0.03213
T1AB 132M–8	3	13.7	7.93	4.58	13.1	7.54	4.35	12.6	7.26	4.19	715	860	79.8	80.4	78.4	0.72	2	2.3	1.55	4.9	64	0.04060
T1AB 132M2–8	4	17.4	10.06	5.81	16.6	9.56	5.52	16.0	9.22	5.32	715	860	81.6	82.8	82	0.74	2.3	2.5	1.7	5.4	68	0.05231
T1AB 160M1–8	4	18.4	10.6	6.14	17.5	10.1	5.84	16.9	9.74	5.63	715	860	81.6	82.2	80.3	0.70	1.8	2.3	1.6	4.6	68	0.07104
T1AB 160M2–8	5.5	24.8	14.3	8.25	23.5	13.6	7.84	22.7	13.1	7.56	710	855	83.5	84.4	83.1	0.70	2.1	2.5	1.6	5.2	68	0.08623
T1AB 160L–8	7.5	33.2	19.2	11.1	31.5	18.2	10.5	30.4	17.5	10.1	715	860	85	85.5	84	0.70	2.5	2.8	2	5.7	68	0.11308

Model with * means: B5R end–shield can not be matched
Model with ** means: B5R & B14B flange can not be matched

T2AB Series IE2 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_a/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_a/I_n (Times)	Noise dB(A)	Inertia (kg*m^2)
T2AB 562–2	0.12	0.74	0.42	0.25	0.70	0.40	0.23	0.67	0.39	0.22	2840	3410	60.5	57	49.1	0.71	2.3	2.6	2.1	4.3	58	0.00013
T2AB 563–2	0.18	0.96	0.55	0.32	0.91	0.52	0.30	0.88	0.51	0.29	2780	3340	64.3	62.2	64.6	0.77	2.3	2.5	2.4	4.1	61	0.00014
T2AB 631–2	0.18	0.98	0.57	0.33	0.93	0.54	0.31	0.90	0.52	0.30	2840	3410	64.5	62.4	54.8	0.75	2	2.5	1.7	4.7	61	0.00023
T2AB 632–2	0.25	1.23	0.71	0.41	1.16	0.67	0.39	1.12	0.65	0.37	2840	3410	68.8	67.5	61.6	0.78	2.5	2.7	2	5.2	61	0.00026
T2AB 633–2	0.37	1.79	1.03	0.60	1.70	0.98	0.57	1.64	0.95	0.55	2840	3410	69.8	68.5	62.6	0.78	2	2.4	1.8	5.1	62	0.00030
T2AB 711–2	0.37	1.76	1.02	0.59	1.67	0.97	0.56	1.61	0.93	0.54	2820	3390	70.0	66.3	62.0	0.79	2	2.2	1.5	5	64	0.00037
T2AB 712–2	0.55	2.41	1.39	0.80	2.29	1.32	0.76	2.21	1.27	0.74	2840	3410	74.1	73.4	70.7	0.81	2.3	2.5	1.7	5.7	64	0.00046
T2AB 713–2	0.75	3.04	1.75	1.01	2.88	1.67	0.96	2.78	1.60	0.93	2840	3410	77.4	78	75.1	0.84	2.6	2.6	1.7	6	65	0.00057
T2AB 801–2	0.75	3.15	1.82	1.05	2.99	1.73	1.00	2.88	1.66	0.96	2840	3410	77.4	78	75.2	0.81	2.6	2.8	2.2	6.1	67	0.00090
T2AB 802–2	1.1	4.43	2.56	1.48	4.21	2.43	1.40	4.06	2.34	1.35	2860	3440	79.6	79.9	77.5	0.82	2.6	2.6	1.8	7	67	0.00112
T2AB 803–2*	1.5	5.78	3.34	1.93	5.49	3.17	1.83	5.29	3.06	1.76	2860	3440	81.3	82	80.4	0.84	2.9	3.1	2	7.4	70	0.00143
T2AB 90S–2	1.5	5.92	3.42	1.97	5.63	3.25	1.88	5.42	3.13	1.81	2880	3460	81.3	81.6	79.5	0.82	2.8	3	2	7.2	72	0.00186
T2AB 90L1–2	2.2	8.38	4.84	2.79	7.96	4.60	2.66	7.68	4.43	2.56	2890	3470	83.2	83.8	82.1	0.83	2.8	3.1	1.4	7.6	72	0.00231
T2AB 90L2–2*	3	11.0	6.34	3.66	10.4	6.02	3.48	10.05	5.80	3.35	2880	3460	84.6	85.8	85.2	0.85	3.4	3.3	2.3	7.9	74	0.00297
T2AB 100L1–2	3	11.1	6.41	3.70	10.6	6.09	3.52	10.17	5.87	3.39	2890	3470	84.6	84.9	83.2	0.84	3	3.6	2.7	7.6	76	0.00413
T2AB 100L2–2*	4	14.1	8.14	4.70	13.4	7.73	4.47	12.9	7.46	4.30	2910	3500	85.8	86	84.7	0.87	3.7	4.2	3.8	9.9	77	0.00520
T2AB 112M1–2	4	13.8	7.96	4.60	13.1	7.56	4.37	12.6	7.29	4.21	2920	3510	85.8	86.2	85	0.89	3.3	3.6	2	9.6	77	0.00631
T2AB 112M2–2*	5.5	19.1	11.0	6.37	18.2	10.5	6.06	17.5	10.1	5.84	2920	3510	87	87.3	86.1	0.87	3.4	4.1	2.8	10.2	78	0.00806
T2AB 112M3–2**	7.5	24.9	14.4	8.30	23.6	13.7	7.88	22.8	13.2	7.60	2920	3500	88.1	88.6	87.5	0.9	3.7	4	2.6	11.3	80	0.00983
T2AB 132S1–2	5.5	18.7	10.8	6.23	17.8	10.3	5.92	17.1	9.9	5.71	2920	3510	87	87.6	86.6	0.89	2.4	3.4	1.9	8.3	80	0.01332
T2AB 132S2–2	7.5	24.6	14.2	8.21	23.4	13.5	7.80	22.5	13.0	7.51	2930	3520	88.1	88.6	87.9	0.91	2.5	3.5	1.4	9.8	80	0.01647
T2AB 132M1–2	9.2	30.0	17.3	10.0	28.5	16.5	9.50	27.5	15.9	9.16	2920	3510	88.7	89.7	89.6	0.91	2.5	3.3	1.9	9.5	81	0.01783
T2AB 132M2–2	11	36.0	20.8	12.0	34.2	19.7	11.4	32.9	19.0	11.0	2930	3520	89.4	89.6	88.7	0.9	4	3.9	1.7	12.7	83	0.02162
T2AB 132M3–2**	15	48.6	28.0	16.2	46.1	26.6	15.4	44.5	25.7	14.8	2940	3530	90.3	90.5	89.6	0.90	3.7	4.3	1.7	13.6	86	0.02856
T2AB 160M1–2	11	36.4	21.0	12.1	34.6	20.0	11.5	33.3	19.2	11.1	2950	3540	89.4	89.5	88.2	0.89	2.6	3.4	1.5	8.4	86	0.05009
T2AB 160M2–2	15	48.6	28.0	16.2	46.1	26.6	15.4	44.5	25.7	14.8	2950	3540	90.3	90.5	89.7	0.90	2.6	3.4	1.8	9.4	86	0.06533
T2AB 160L1–2	18.5	58.2	33.6	19.4	55.3	31.9	18.4	53.3	30.8	17.8	2940	3530	90.9	91.8	91.9	0.92	2.5	2.9	1.2	8.7	86	0.07702
T2AB 160L2–2	22	69.7	40.2	23.2	66.2	38.2	22.1	63.8	36.8	21.3	2950	3540	91.3	91.5	90.8	0.91	3.1	3.6	1.8	10.6	91	0.09035
T2AB 563–4	0.12	0.88	0.51	0.29	0.83	0.48	0.28	0.80	0.46	0.27	1375	1650	59.1	57.5	51.4	0.61	3.3	3.2	2.8	3.6	52	0.00029
T2AB 631–4	0.12	0.81	0.47	0.27	0.77	0.44	0.26	0.74	0.43	0.25	1395	1675	60.1	56.7	48.2	0.65	2.2	2.3	1.7	3.5	52	0.00027
T2AB 632–4	0.18	1.08	0.62	0.36	1.02	0.59	0.34	0.99	0.57	0.33	1380	1655	64.7	64.9	60.3	0.68	2	2.1	1.9	3.6	52	0.00034
T2AB 633–4	0.25	1.43	0.83	0.48	1.36	0.79	0.45	1.31	0.76	0.44	1385	1660	68.5	67.7	62.7	0.67	2.1	2.3	2	4	54	0.00040
T2AB 711–4	0.25	1.41	0.81	0.47	1.34	0.77	0.45	1.29	0.75	0.43	1400	1680	69.6	68.5	62.9	0.67	2.2	2.3	1.8	4.1	55	0.00059
T2AB 712–4	0.37	1.83	1.06	0.61	1.74	1.01	0.58	1.68	0.97	0.56	1400	1680	72.7	73	69.2	0.73	2.4	2.5	2	4.7	55	0.00082
T2AB 713–4*	0.55	2.57	1.48	0.86	2.44	1.41	0.81	2.35	1.36	0.78	1395	1675	77.1	77.1	75.5	0.73	2.5	2.6	2.3	4.9	57	0.00109
T2AB 801–4	0.55	2.68	1.55	0.89	2.55	1.47	0.85	2.46	1.42	0.82	1420	1710	77.1	77.1	73.9	0.70	2.4	2.8	2.1	5.4	57	0.00145
T2AB 802–4	0.75	3.49	2.02	1.16	3.32	1.92	1.11	3.20	1.85	1.07	1420	1710	79.6	79.8	77.1	0.71	2.7	2.9	2.4	5.7	58	0.00193
T2AB 803–4**	1.1	4.94	2.85	1.65	4.69	2.71	1.56	4.52	2.61	1.51	1420	1710	81.4	81.9	79.7	0.72	3.1	3.1	2.5	5.9	61	0.00252
T2AB 90S–4*	1.1	4.74	2.74	1.58	4.50	2.60	1.50	4.34	2.51	1.45	1430	1720	81.4	81.9	79.7	0.75	2.9	3.1	2.2	6.8	61	0.00334
T2AB 90L1–4*	1.5	6.27	3.62	2.09	5.96	3.44	1.99	5.74	3.32	1.91	1430	1720	82.8	83.4	81.6	0.76	3.1	3.2	2.2	6.5	61	0.00419
T2AB 100L1–4	2.2	8.38	4.84	2.79	7.96	4.59	2.65	7.67	4.43	2.56	1440	1730	84.3	85.2	84.3	0.82	2.4	2.9	2	6.6	64	0.00776
T2AB 100L2–4**	3	11.5	6.66	3.85	11.0	6.33	3.66	10.6	6.10	3.52	1450	1740	85.5	86.1	84.9	0.80	2.3	3.2	2.4	7.6	64	0.00974
T2AB 100L3–4**	4	15.2	8.77	5.06	14.4	8.33	4.81	13.9	8.03	4.64	1440	1730	86.6	87.4	86.5	0.80	2.8	3.2	2.3	7.2	65	0.01106
T2AB 112M1–4*	4	14.8	8.56	4.94	14.1	8.13	4.69	13.6	7.84	4.52	1440	1730	86.6	87.7	87.2	0.82	2.5	3.3	2.3	7.9	65	0.01374
T2AB 112M2–4**	5.5	20.6	11.9	6.88	19.6	11.3	6.53	18.9	10.9	6.30	1440	1730	87.7	88.6	88.1	0.80	3.7	3.6	3.1	8.3	71	0.01735
T2AB 132S–4	5.5	19.9	11.5	6.63	18.9	10.9	6.30	18.2	10.5	6.07	1460	1760	87.7	88.1	87	0.83	2.1	3.5	1.9	8.6	71	0.03059
T2AB 132M1–4	7.5	26.8	15.5	8.94	25.5	14.7	8.49	24.5	14.2	8.18	1460	1760	88.7	89.4	88.6	0.83	2.7	3.2	1.7	8.9	71	0.03973
T2AB 132M2–4	9.2	31.9	18.4	10.6	30.3	17.5	10.1	29.2	16.9	9.7	1460	1760	89.3	90.2	90	0.85	2.9	3.2	1.7	8.7	74	0.04618
T2AB 132M3–4**	11	37.9	21.9	12.6	36.0	20.8	12.0	34.7	20.0	11.6	1460	1760	89.8	90.5	90.1	0.85	3.3	3.6	1.4	9.3	75	0.05392

T2AB Series IE2 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_s/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_s/I_n (Times)	Noise dB(A)	Inertia (kg*m^2)
T2AB 160M–4	11	38.8	22.4	12.9	36.9	21.3	12.3	35.6	20.5	11.9	1460	1760	89.8	90.4	90	0.83	2.5	2.7	1.7	7	75	0.08967
T2AB 160L1–4	15	51.9	29.9	17.3	49.3	28.4	16.4	47.5	27.4	15.8	1470	1770	90.6	91.2	90.6	0.84	2.5	2.8	1.6	8.3	75	0.11820
T2AB 160L2–4	18.5	63.5	36.7	21.2	60.4	34.9	20.1	58.2	33.6	19.4	1470	1770	91.2	91.4	90.7	0.84	2.7	3	1.7	8.8	78	0.13704
T2AB632–6	0.12	0.93	0.54	0.31	0.88	0.51	0.29	0.85	0.49	0.28	850	1020	50.6	50.2	42.4	0.67	1.8	2	1.8	2.7	50	0.00052
T2AB633–6	0.18	1.37	0.79	0.46	1.30	0.75	0.43	1.26	0.73	0.42	865	1035	56.6	55.6	48.9	0.61	2.3	2.4	2.2	3	52	0.00064
T2AB711–6	0.18	1.25	0.72	0.42	1.19	0.69	0.40	1.14	0.66	0.38	850	1020	56.6	54.4	46.3	0.67	1.9	2.2	1.8	3.1	52	0.00071
T2AB712–6	0.25	1.62	0.93	0.54	1.54	0.89	0.51	1.48	0.86	0.49	910	1090	61.6	59.7	52.2	0.66	2.1	2.3	1.9	3.3	52	0.00094
T2AB713–6	0.37	2.18	1.26	0.73	2.07	1.20	0.69	2.00	1.15	0.67	905	1085	67.6	66.5	60.7	0.66	2.4	2.5	2.3	3.7	54	0.00115
T2AB 801–6	0.37	2.18	1.26	0.73	2.07	1.20	0.69	2.00	1.15	0.67	935	1120	67.6	63.8	59.6	0.66	1.9	2.2	1.7	3.8	56	0.00174
T2AB 802–6	0.55	2.91	1.68	0.97	2.77	1.60	0.92	2.67	1.54	0.89	935	1120	73.1	71.6	69.7	0.68	2	2.4	2	4	56	0.00234
T2AB 803–6**	0.75	3.88	2.24	1.29	3.69	2.13	1.23	3.55	2.05	1.18	920	1105	75.9	75.4	71.3	0.67	2.7	2.6	2.5	4.2	58	0.00308
T2AB 90S–6	0.75	4.00	2.31	1.33	3.80	2.19	1.27	3.66	2.11	1.22	940	1130	75.9	75.3	71.1	0.65	2.2	2.5	1.9	4.5	59	0.00347
T2AB 90L–6*	1.1	5.37	3.10	1.79	5.10	2.95	1.70	4.92	2.84	1.64	950	1140	78.1	78.4	75.6	0.69	2	2.4	1.8	4.9	59	0.00488
T2AB 90L2–6*	1.5	7.27	4.20	2.42	6.91	3.99	2.30	6.66	3.85	2.22	945	1135	79.8	80.1	77.5	0.68	2.7	3	2.5	5.1	61	0.00629
T2AB 100L–6	1.5	6.68	3.86	2.23	6.35	3.67	2.12	6.12	3.53	2.04	950	1140	79.8	81.7	81.2	0.74	1.7	2.2	1.6	4.8	61	0.00834
T2AB 100L2–6*	2.2	9.83	5.68	3.28	9.34	5.39	3.11	9.00	5.20	3.00	950	1140	81.8	82.6	81.1	0.72	2.5	2.7	2.1	5.5	64	0.01153
T2AB 112M–6	2.2	9.70	5.60	3.23	9.21	5.32	3.07	8.88	5.13	2.96	955	1145	81.8	82.9	81.8	0.73	2.1	2.7	1.8	5.5	64	0.01544
T2AB 112M2–6	3	13.2	7.60	4.39	12.5	7.22	4.17	12.1	6.96	4.02	955	1145	83.3	84.4	83.3	0.72	2.3	2.8	2.1	5.7	64	0.01917
T2AB 132S–6	3	12.5	7.20	4.16	11.8	6.84	3.95	11.4	6.59	3.81	960	1150	83.3	84.8	84.4	0.76	1.6	2.4	1.5	5.6	64	0.03213
T2AB 132M1–6	4	16.8	9.71	5.61	16.0	9.22	5.32	15.4	8.89	5.13	965	1160	84.6	85.6	84.8	0.74	2	2.6	1.6	5.9	68	0.03892
T2AB 132M2–6	5.5	22.4	13.0	7.48	21.3	12.3	7.11	20.5	11.9	6.85	965	1160	86	87.2	86.8	0.75	2.4	2.6	1.8	6.6	68	0.04897
T2AB 132M3–6	7.5	29.8	17.2	9.93	28.3	16.3	9.43	27.3	15.7	9.09	970	1165	87.2	87.8	87	0.76	3.1	3.2	1.9	7.9	68	0.06570
T2AB 160M–6	7.5	29.4	17.0	9.80	27.9	16.1	9.31	26.9	15.5	8.97	965	1160	87.2	88.1	87.7	0.77	2.5	2.9	1.8	6.9	68	0.09382
T2AB 160L–6	11	42.9	24.8	14.3	40.8	23.6	13.6	39.3	22.7	13.1	970	1165	88.7	89.4	88.7	0.76	2.2	2.3	1.3	6.5	73	0.12827
T2AB 160L2–6	15	57.2	33.0	19.1	54.3	31.3	18.1	52.3	30.2	17.4	965	1160	89.7	90	90.4	0.77	3.1	3	2.2	8.3	79	0.17004
T2AB 712–8	0.12	0.98	0.56	0.33	0.93	0.54	0.31	0.90	0.52	0.30	690	830	52.1	44.7	39.6	0.62	1.8	2.2	1.7	2.6	50	0.00078
T2AB 801–8	0.18	1.39	0.80	0.46	1.32	0.76	0.44	1.27	0.73	0.42	690	830	55	51.5	43.4	0.62	1.9	2.5	1.85	3.2	52	0.00202
T2AB 802–8	0.25	1.94	1.12	0.65	1.84	1.06	0.61	1.78	1.03	0.59	690	830	58.5	55.5	47.9	0.58	2.1	2.5	2	3.5	52	0.00232
T2AB 803–8**	0.37	2.46	1.42	0.82	2.34	1.35	0.78	2.26	1.30	0.75	700	840	67	62.5	58.3	0.59	2.3	2.5	2	3.4	56	0.00262
T2AB 90S–8	0.37	2.58	1.49	0.86	2.45	1.42	0.82	2.36	1.37	0.79	710	850	65	62.2	54.8	0.58	1.7	2.2	1.6	3.2	56	0.00327
T2AB 90L–8	0.55	3.84	2.22	1.28	3.65	2.11	1.22	3.52	2.03	1.17	705	850	65	62.6	55.6	0.58	1.9	2.3	1.7	3.4	56	0.00428
T2AB 90L2–8*	0.75	4.69	2.71	1.56	4.45	2.57	1.49	4.29	2.48	1.43	700	840	69	67.5	61.8	0.61	1.8	2.1	1.8	3.5	59	0.00488
T2AB 100L1–8	0.75	4.43	2.56	1.48	4.21	2.43	1.40	4.06	2.34	1.35	685	825	68.5	68	62.7	0.65	1.9	2.2	1.8	3.6	59	0.00635
T2AB 100L2–8	1.1	5.85	3.38	1.95	5.56	3.21	1.85	5.35	3.09	1.79	700	840	75	75	71.3	0.66	1.8	2.4	1.8	4.2	59	0.00834
T2AB 112M–8	1.5	7.87	4.54	2.62	7.48	4.32	2.49	7.21	4.16	2.40	700	840	76	76.5	73.4	0.66	1.7	2.1	1.5	4	61	0.01395
T2AB 132S–8	2.2	10.1	5.84	3.37	9.6	5.55	3.20	9.26	5.35	3.09	715	860	79.5	79.5	78.5	0.72	1.8	2.1	1.45	4.5	64	0.03213
T2AB 132M–8	3	13.5	7.78	4.49	12.8	7.39	4.27	12.3	7.12	4.11	715	860	81.4	82	80	0.72	2	2.3	1.55	4.9	64	0.04060
T2AB 132M2–8	4	17.2	9.91	5.72	16.3	9.41	5.43	15.7	9.07	5.24	715	860	82.9	84.1	83.3	0.74	2.3	2.5	1.7	5.4	68	0.05231
T2AB 160M1–8	4	18.3	10.6	6.10	17.4	10.0	5.79	16.8	9.67	5.58	715	860	82.2	82.6	80.7	0.70	1.8	2.3	1.6	4.6	68	0.07104
T2AB 160M2–8	5.5	23.6	13.6	7.86	22.4	12.9	7.47	21.6	12.5	7.20	710	855	84.1	84.4	83.1	0.73	2.1	2.5	1.6	5.2	68	0.08623
T2AB 160L–8	7.5	32.5	18.8	10.8	30.9	17.8	10.3	29.8	17.2	9.9	715	860	85.5	86	84.5	0.71	2.5	2.8	2	5.7	68	0.11308

Model with * means: B5R end–shield can not be matched
Model with ** means: B5R & B14B flange can not be matched

T3AB Series IE3 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Noise dB(A)	Inertia (kg*m^2)
T3AB 631–2	0.18	0.96	0.55	0.32	0.91	0.53	0.30	0.88	0.51	0.29	2850	3420	65.9	63.5	56.2	0.75	2	2.5	1.6	4.7	61	0.00023
T3AB 632–2	0.25	1.21	0.70	0.40	1.15	0.66	0.38	1.11	0.64	0.37	2840	3410	69.7	68.4	62.5	0.78	2.5	2.7	2	5.2	61	0.00026
T3AB 633–2	0.37	1.74	1.00	0.58	1.65	0.95	0.55	1.59	0.92	0.53	2840	3410	73.8	70.3	66.6	0.76	2.2	2.6	2	4.5	64	0.00033
T3AB 711–2	0.37	1.74	1.00	0.58	1.65	0.95	0.55	1.59	0.92	0.53	2860	3430	73.8	72.4	66.5	0.76	2.5	2.8	1.8	5.6	64	0.00037
T3AB 712–2	0.55	2.33	1.34	0.78	2.21	1.28	0.74	2.13	1.23	0.71	2860	3430	77.8	77.7	74.3	0.8	3.1	3.1	2	6.5	64	0.00050
T3AB 713–2	0.75	2.98	1.72	0.99	2.83	1.64	0.94	2.73	1.58	0.91	2870	3440	80.7	80.8	78.2	0.82	3	3.2	2.2	7.1	65	0.00061
T3AB 801–2	0.75	3.02	1.74	1.01	2.87	1.66	0.96	2.76	1.60	0.92	2890	3470	80.7	80.3	77.2	0.81	3.1	3.2	2.3	7.4	67	0.00097
T3AB 802–2	1.1	4.27	2.46	1.42	4.06	2.34	1.35	3.91	2.26	1.30	2900	3480	82.7	82.5	79.9	0.82	3.2	3.2	2.2	7.8	67	0.00128
T3AB 803–2**	1.5	5.79	3.34	1.93	5.50	3.17	1.83	5.30	3.06	1.77	2910	3490	84.2	83.9	81.5	0.81	4	4	2.2	9.6	70	0.00165
T3AB 90S–2*	1.5	5.72	3.30	1.91	5.43	3.14	1.81	5.24	3.02	1.75	2900	3480	84.2	83.8	81.4	0.82	3.5	3.7	2.1	8.3	72	0.00219
T3AB 90S–2*	1.8	6.88	3.97	2.29	6.54	3.77	2.18	6.30	3.64	2.10	2910	3490	85.0	84.3	82.8	0.81	3.5	3.7	2.1	8.3	72	0.00219
T3AB 90L1–2	2.2	8.02	4.63	2.67	7.62	4.40	2.54	7.35	4.24	2.45	2910	3500	85.9	86.1	84.7	0.84	3.3	3.7	1.5	9	72	0.00264
T3AB 100L1–2	3	10.2	5.88	3.39	9.7	5.59	3.23	9.33	5.38	3.11	2910	3500	87.1	87.5	86.3	0.89	3.2	3.6	2.6	9.4	76	0.00484
T3AB 100L2–2*	4	13.0	7.50	4.33	12.3	7.12	4.11	11.9	6.87	3.96	2910	3500	88.1	88.8	88.1	0.92	2.8	3.3	2.1	9.1	77	0.00591
T3AB 112M1–2	4	13.1	7.58	4.38	12.5	7.20	4.16	12.0	6.94	4.01	2920	3510	88.1	88.2	87	0.91	3.4	3.9	2.4	10.5	77	0.00751
T3AB 112M2–2*	5.5	17.8	10.3	5.94	16.9	9.78	5.65	16.3	9.43	5.44	2920	3510	89.2	89.6	89.1	0.91	3.3	4.2	2.9	11.9	78	0.00925
T3AB 132S1–2	5.5	18.2	10.5	6.08	17.3	10.0	5.77	16.7	9.64	5.56	2930	3520	89.2	89.4	88.2	0.89	3.2	4	2.5	10	80	0.01521
T3AB 132S2–2	7.5	23.8	13.7	7.94	22.6	13.1	7.54	21.8	12.6	7.27	2930	3520	90.1	90.9	90.7	0.92	2.6	3.6	1.9	10.1	80	0.01900
T3AB 132M1–2	9.2	29.4	17.0	9.79	27.9	16.1	9.30	26.9	15.5	8.96	2930	3520	90.6	91.2	90.5	0.91	3.2	4.2	2.6	11.6	81	0.02162
T3AB 132M2–2	11	34.5	19.9	11.5	32.8	18.9	10.9	31.6	18.2	10.5	2930	3520	91.2	91.5	91.2	0.92	3.6	4.1	2.4	12.2	83	0.02414
T3AB 132M3–2**	15	47.7	27.6	15.9	45.3	26.2	15.1	43.7	25.2	14.6	2940	3530	91.9	92.1	91.2	0.9	4.9	4.9	2	14.4	86	0.02856
T3AB 160M1–2	11	36.1	20.8	12.0	34.3	19.8	11.4	33.0	19.1	11.0	2960	3560	91.2	91	89.6	0.88	3.2	4	1.4	10.3	86	0.05961
T3AB 160M2–2	15	48.3	27.9	16.1	45.8	26.5	15.3	44.2	25.5	14.7	2960	3560	91.9	91.5	89.9	0.89	3.9	4.2	1.4	11.4	86	0.07675
T3AB 160L1–2	18.5	57.9	33.4	19.3	55.0	31.8	18.3	53.0	30.6	17.7	2950	3540	92.4	92.8	91.8	0.91	3	3	1.5	9.1	86	0.09225
T3AB 563–4	0.12	0.73	0.42	0.24	0.69	0.40	0.23	0.67	0.38	0.22	1360	1630	64.8	64.5	59.5	0.67	2.2	2.3	2	3.5	52	0.00031
T3AB 631–4	0.12	0.70	0.40	0.23	0.66	0.38	0.22	0.64	0.37	0.21	1385	1660	64.8	63.7	57.6	0.70	2.2	2.3	2	3.5	52	0.00031
T3AB 632–4	0.18	0.97	0.56	0.32	0.92	0.53	0.31	0.89	0.51	0.30	1400	1680	69.9	69.6	65.4	0.70	2.2	2.5	2.1	4.1	52	0.00040
T3AB 633–4	0.25	1.27	0.73	0.42	1.21	0.70	0.40	1.16	0.67	0.39	1395	1675	75	75.1	71.5	0.69	2.9	3	2.7	4.7	55	0.00052
T3AB 711–4	0.25	1.30	0.75	0.43	1.23	0.71	0.41	1.19	0.69	0.40	1410	1690	73.5	73.2	69	0.69	2.3	2.5	2.1	4.5	55	0.00072
T3AB 712–4	0.37	1.85	1.07	0.62	1.76	1.02	0.59	1.70	0.98	0.57	1420	1705	77.3	77.1	73.6	0.68	2.8	3	2.5	5.2	55	0.00097
T3AB 801–4	0.55	2.52	1.46	0.84	2.40	1.38	0.80	2.31	1.33	0.77	1430	1715	80.8	80.6	79.2	0.71	2.5	2.8	2.2	5.6	57	0.00169
T3AB 802–4**	0.75	3.28	1.89	1.09	3.11	1.80	1.04	3.00	1.73	1.00	1430	1715	82.5	83	81.1	0.73	2.7	2.8	2.3	6.1	58	0.00228
T3AB 90S–4*	1.1	4.65	2.69	1.55	4.42	2.55	1.47	4.26	2.46	1.42	1440	1730	84.1	84.1	81.8	0.74	3.7	3.8	3.1	7.7	61	0.00384
T3AB 90L1–4*	1.5	6.01	3.47	2.00	5.71	3.30	1.90	5.50	3.18	1.83	1440	1730	85.3	85.3	83.1	0.77	3.7	3.6	2.9	8	61	0.00469
T3AB 100L1–4*	2.2	8.14	4.70	2.71	7.74	4.47	2.58	7.46	4.31	2.49	1450	1740	86.7	87.2	86.2	0.82	2.9	3.5	2.4	8	64	0.00875
T3AB 100L2–4**	3	11.5	6.66	3.85	11.0	6.33	3.65	10.6	6.10	3.52	1450	1740	87.7	88	86.9	0.78	3.3	3.4	2.7	8.1	64	0.01106
T3AB 112M1–4*	4	14.5	8.37	4.83	13.8	7.95	4.59	13.3	7.66	4.42	1450	1740	88.6	88.8	88.2	0.82	3.1	3.7	2.6	8.6	65	0.01529
T3AB 132S–4	5.5	19.2	11.1	6.41	18.3	10.5	6.09	17.6	10.2	5.87	1460	1760	89.6	89.8	89.4	0.84	2.3	3.5	1.9	9	71	0.03446
T3AB 132M1–4	7.5	26.0	15.0	8.66	24.7	14.3	8.23	23.8	13.7	7.93	1460	1760	90.4	90.9	90.3	0.84	2.6	3.4	2.2	8.9	71	0.04360
T3AB 132M2–4*	9.2	32.4	18.7	10.8	30.8	17.8	10.3	29.7	17.2	9.90	1460	1760	91	91.5	90.9	0.82	3.2	3.6	2	10	74	0.05134
T3AB 132M3–4**	11	37.7	21.8	12.6	35.8	20.7	11.9	34.5	19.9	11.5	1460	1760	91.4	92	91.6	0.84	3.5	3.7	2.1	10.5	75	0.06037

T3AB Series IE3 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_st/T_n (Times)	T_{max}/T_n (Times)	T_{mar}/T_n (Times)	I_st/I_n (Times)	Noise dB(A)	Inertia (kg*m^2)
T3AB 160M–4	11	38.2	22.0	12.7	36.3	20.9	12.1	34.9	20.2	11.6	1470	1770	91.4	91.7	89.8	0.83	2.6	2.8	1.8	7.6	75	0.10537
T3AB 160L1–4	15	50.4	29.1	16.8	47.9	27.7	16.0	46.2	26.7	15.4	1470	1770	92.1	92.3	91.3	0.85	3	3	2	9.2	75	0.13704
T3AB 632–6	0.12	0.88	0.51	0.29	0.84	0.48	0.28	0.81	0.47	0.27	870	1045	57.7	54	49.7	0.62	2.2	2.1	2	2.8	50	0.00052
T3AB 711–6	0.18	1.20	0.69	0.40	1.14	0.66	0.38	1.09	0.63	0.36	930	1115	63.9	61	53.4	0.62	2.4	2.6	2.3	3.5	52	0.00079
T3AB 712–6	0.25	1.48	0.85	0.49	1.40	0.81	0.47	1.35	0.78	0.45	920	1105	68.6	67.2	61.2	0.65	2.2	2.5	2.2	3.7	52	0.00102
T3AB 801–6	0.37	1.95	1.12	0.65	1.85	1.07	0.62	1.78	1.03	0.59	930	1115	73.5	73.8	70.5	0.68	2.2	2.5	2.1	4.1	56	0.00219
T3AB 802–6**	0.55	2.64	1.52	0.88	2.51	1.45	0.84	2.42	1.40	0.81	930	1115	77.2	78.1	75.7	0.71	2.3	2.4	2.1	4.3	56	0.00293
T3AB 90S–6*	0.75	3.73	2.16	1.24	3.55	2.05	1.18	3.42	1.97	1.14	950	1140	78.9	80.1	78.1	0.67	2.3	2.6	2.1	4.7	59	0.00407
T3AB 90L–6*	1.1	5.33	3.08	1.78	5.07	2.93	1.69	4.88	2.82	1.63	950	1140	81	81.1	78.4	0.67	2.7	2.9	2.5	5.2	59	0.00549
T3AB 100L–6	1.5	6.84	3.95	2.28	6.49	3.75	2.16	6.26	3.61	2.09	955	1145	82.5	83	81.8	0.70	2.4	2.9	2.2	5.5	61	0.00914
T3AB 100L2–6**	2.2	9.54	5.51	3.18	9.06	5.23	3.02	8.73	5.04	2.91	955	1145	84.3	85.1	83.9	0.72	2.5	3	2.2	6.2	64	0.01273
T3AB 112M–6	2.2	10.1	5.83	3.37	9.59	5.54	3.20	9.25	5.34	3.08	965	1160	84.3	84.5	83.2	0.68	2	2.5	1.9	5.5	64	0.01768
T3AB 112M2–6	3	13.4	7.72	4.46	12.7	7.33	4.23	12.2	7.07	4.08	965	1160	85.6	86.2	84.8	0.69	2.5	2.9	1.9	6.3	64	0.02140
T3AB 132S–6	3	12.5	7.20	4.15	11.8	6.84	3.95	11.4	6.59	3.80	965	1160	85.6	86	85.1	0.74	2	2.7	1.7	6	64	0.03380
T3AB 132M1–6	4	16.4	9.46	5.46	15.6	8.99	5.19	15.0	8.66	5.00	970	1165	86.8	87.1	86.2	0.74	2.3	3	1.8	6.8	68	0.04395
T3AB 132M2–6	5.5	23.2	13.4	7.72	22.0	12.7	7.34	21.2	12.2	7.07	975	1170	88	88.3	87.1	0.71	2.9	3.5	2.2	7.4	68	0.05399
T3AB 132M3–6**	7.5	30.8	17.8	10.3	29.2	16.9	9.74	28.2	16.3	9.39	970	1165	89.1	89.6	88.6	0.72	3.3	3.2	2	8.3	68	0.07072
T3AB 160M–6	7.5	29.1	16.8	9.72	27.7	16.0	9.23	26.7	15.4	8.90	975	1170	89.1	89.5	88.5	0.76	2.2	2.9	1.8	7.3	68	0.10901
T3AB 160L–6	11	41.1	23.7	13.7	39.0	22.5	13.0	37.6	21.7	12.5	975	1170	90.3	90.8	89.9	0.78	2.7	2.9	1.2	8.4	73	0.15485
T3AB 712–8	0.12	1.00	0.58	0.33	0.95	0.55	0.32	0.91	0.53	0.30	685	825	52.7	48.5	39.9	0.60	2.12	2.4	2	2.8	50	0.00094
T3AB 801–8	0.18	1.37	0.79	0.46	1.30	0.75	0.43	1.26	0.73	0.42	710	850	61.6	54.4	49.4	0.56	1.9	2.5	1.85	3.2	52	0.00202
T3AB 802–8	0.25	1.67	0.96	0.56	1.58	0.91	0.53	1.53	0.88	0.51	700	840	66.9	61.9	57.7	0.59	2.1	2.5	2	3.5	52	0.00232
T3AB 803–8**	0.37	2.38	1.37	0.79	2.26	1.31	0.75	2.18	1.26	0.73	700	840	69.3	64.5	60.1	0.59	2.6	2.4	2	3.4	56	0.00292
T3AB90S–8	0.37	2.42	1.40	0.81	2.30	1.33	0.77	2.22	1.28	0.74	705	845	69.3	64.2	59.9	0.58	2	2.5	1.9	3.6	56	0.00367
T3AB90L–8	0.55	3.42	1.97	1.14	3.25	1.88	1.08	3.13	1.81	1.04	705	845	73	69.8	66.1	0.58	2.3	2.7	2.2	4.1	56	0.00488
T3AB100L1–8	0.75	3.99	2.30	1.33	3.79	2.19	1.26	3.65	2.11	1.22	700	840	75.0	74.3	70.5	0.66	2.1	2.6	2	4.3	59	0.00754
T3AB100L2–8	1.1	5.48	3.16	1.83	5.20	3.01	1.74	5.02	2.90	1.67	705	845	77.7	77.8	75.8	0.68	2.1	2.4	1.9	4.3	59	0.00914
T3AB112M–8	1.5	7.62	4.40	2.54	7.24	4.18	2.41	6.98	4.03	2.33	715	860	79.7	78.9	76.9	0.65	2.3	2.7	1.9	5	61	0.01768
T3AB132S–8	2.2	10.71	6.18	3.57	10.18	5.87	3.39	9.81	5.66	3.27	720	865	81.9	82.0	80.2	0.66	2.5	2.8	2.1	5.4	64	0.03883
T3AB132M1–8	3	14.11	8.15	4.70	13.41	7.74	4.47	12.92	7.46	4.31	725	870	83.5	82.5	80.7	0.67	2.6	3	2	6.1	64	0.04897
T3AB132M2–8	4	17.24	9.95	5.75	16.38	9.46	5.46	15.79	9.11	5.26	715	860	84.8	85.3	83.9	0.72	2.2	2.6	1.7	5.7	68	0.05901
T3AB160M1–8	4	17.99	10.39	6.00	17.09	9.87	5.70	16.47	9.51	5.49	725	870	84.8	85.2	83.7	0.69	1.9	2.2	1.7	5	68	0.08243
T3AB160M2–8	5.5	24.33	14.05	8.11	23.12	13.35	7.71	22.28	12.87	7.43	725	870	86.2	86.2	85.1	0.69	2.1	2.5	1.7	5.2	68	0.09762
T3AB160L–8	7.5	32.30	18.65	10.77	30.68	17.71	10.23	29.57	17.07	9.86	725	870	87.3	87.6	86.3	0.70	2.8	3	2.2	6.6	68	0.13586

Model with * means: B5R end–shield can not be matched
Model with ** means: B5R & B14B flange can not be matched

T4AB Series IE4 Efficiency Motors Technical Data (at 50Hz)

Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Power	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Noise dB(A)	Inertia (kg*m²)
T4AB631–2	0.18	0.89	0.52	0.30	0.85	0.49	0.28	0.82	0.47	0.27	2870	0.22	3445	70.8	68.8	63.6	0.75	2.6	2.9	2.0	5.5	61	0.00025
T4AB632–2	0.25	1.15	0.66	0.38	1.10	0.63	0.37	1.05	0.61	0.35	2880	0.30	3455	74.3	73.1	68.7	0.77	2.7	3.2	2.4	6.3	61	0.00030
T4AB711–2	0.37	1.59	0.92	0.53	1.52	0.88	0.51	1.46	0.85	0.49	2890	0.44	3470	78.1	77.3	73.4	0.78	2.8	3.3	2.3	6.7	64	0.00042
T4AB712–2	0.55	2.24	1.30	0.75	2.14	1.23	0.71	2.06	1.19	0.69	2890	0.66	3470	81.5	81.1	77.9	0.79	2.9	3.5	2.5	6.8	64	0.00057
T4AB801–2	0.75	2.95	1.71	0.98	2.82	1.62	0.94	2.70	1.56	0.90	2900	0.90	3480	83.5	83.6	81.5	0.80	3.7	3.9	2.5	8.8	67	0.00112
T4AB802–2*	1.1	4.13	2.39	1.38	3.95	2.27	1.32	3.79	2.19	1.26	2910	1.32	3490	85.2	85.2	83.3	0.82	4.0	4.2	2.6	10.0	67	0.00151
T4AB90S–2*	1.5	5.62	3.25	1.87	5.37	3.09	1.79	5.15	2.98	1.72	2910	1.80	3490	86.5	86.5	84.6	0.81	3.6	4.0	2.8	9.6	72	0.00230
T4AB90L–2*	2.2	7.90	4.58	2.63	7.56	4.35	2.52	7.25	4.19	2.42	2900	2.64	3480	88.0	88.2	86.9	0.83	4.0	4.2	3.0	10.5	72	0.00309
T4AB100L–2*	3	9.71	5.62	3.24	9.29	5.34	3.10	8.90	5.15	2.97	2910	3.60	3490	89.1	89.4	88.4	0.91	3.7	3.9	2.9	11.0	76	0.00594
T4AB112M–2*	4	12.8	7.42	4.27	12.3	7.05	4.09	11.7	6.79	3.92	2920	4.80	3505	90.0	90.4	89.7	0.91	3.5	3.9	2.6	10.5	77	0.00927
T4AB132S1–2	5.5	17.6	10.2	5.88	16.9	9.70	5.63	16.2	9.35	5.39	2940	6.60	3530	90.9	90.9	89.5	0.90	3.4	4.0	2.3	10.5	80	0.01773
T4AB160M1–2	11	34.3	19.8	11.4	32.8	18.8	10.9	31.4	18.2	10.5	2950	13.20	3540	92.6	93.2	92.1	0.91	3.5	3.8	2.5	10.0	86	0.06913
T4AB631–4	0.12	0.68	0.40	0.23	0.65	0.38	0.22	0.63	0.36	0.21	1400	0.14	1680	69.8	68.2	66.5	0.66	2.3	2.7	2.3	4.0	52	0.00034
T4AB632–4	0.18	0.94	0.55	0.31	0.90	0.52	0.30	0.87	0.50	0.29	1400	0.22	1680	74.7	74.1	69.7	0.67	2.6	2.8	2.4	4.3	52	0.00043
T4AB711–4	0.25	1.30	0.75	0.43	1.24	0.71	0.41	1.19	0.69	0.40	1430	0.30	1715	77.9	77.0	72.9	0.65	3.0	3.4	2.8	5.6	55	0.00084
T4AB801–4	0.55	2.57	1.49	0.86	2.46	1.41	0.82	2.35	1.36	0.78	1440	0.66	1730	83.9	83.3	80.6	0.67	3.4	3.7	3.0	6.8	57	0.00205
T4AB90S–4**	1.1	4.80	2.78	1.60	4.59	2.64	1.53	4.40	2.54	1.47	1435	1.32	1720	87.2	87.1	84.4	0.69	4.8	4.1	3.8	8.2	61	0.00469
T4AB90L–4**	1.5	6.29	3.64	2.10	6.01	3.46	2.00	5.76	3.33	1.92	1455	1.80	1745	88.2	88.1	86.1	0.71	4.8	4.2	3.8	9.2	61	0.00570
T4AB100L1–4**	2.2	8.49	4.91	2.83	8.12	4.67	2.71	7.78	4.50	2.59	1460	2.64	1750	89.5	89.6	88.2	0.76	3.5	4.3	3.0	9.5	64	0.01044
T4AB132M–4**	7.5	26.2	15.2	8.75	25.1	14.4	8.37	24.1	13.9	8.02	1470	9.00	1765	92.6	92.8	92.2	0.81	4.4	4.0	2.2	10.2	71	0.05521
T4AB160M–4	11	37.7	21.8	12.6	36.1	20.8	12.0	34.6	20.0	11.5	1475	13.20	1770	93.3	93.5	92.8	0.82	2.8	3.2	2.2	9.1	75	0.12762
T4AB160L–4	15	50.5	29.2	16.8	48.3	27.8	16.1	46.3	26.8	15.4	1475	18.00	1770	93.9	94.1	93.7	0.83	3.2	3.5	2.2	9.2	75	0.16530
T4AB711–6	0.18	1.12	0.65	0.37	1.07	0.62	0.36	1.03	0.60	0.34	940	0.22	1130	70.1	66.8	60.2	0.60	2.9	3.2	3.0	4.1	52	0.00102
T4AB801–6**	0.37	2.04	1.18	0.68	1.95	1.12	0.65	1.87	1.08	0.62	950	0.44	1140	78.0	76.7	72.2	0.61	2.7	3.1	2.5	4.8	56	0.00263
T4AB100L–6**	1.5	6.36	3.68	2.12	6.09	3.50	2.03	5.83	3.37	1.94	965	1.80	1160	85.9	86.2	84.5	0.72	2.7	3.0	1.9	6.5	61	0.01276
T4AB112M–6*	2.2	9.57	5.54	3.19	9.16	5.27	3.05	8.78	5.08	2.93	970	2.64	1165	87.4	87.2	85.4	0.69	3.0	3.8	2.6	7.5	64	0.02289
T4AB132S–6	3	12.5	7.25	4.17	12.0	6.88	3.99	11.5	6.63	3.82	975	3.60	1170	88.6	88.7	87.4	0.71	2.5	3.2	1.9	7.1	64	0.04385
T4AB132M1–6	4	15.9	9.18	5.28	15.2	8.72	5.05	14.5	8.40	4.84	975	4.80	1170	89.5	89.8	88.8	0.74	2.8	3.4	1.8	8.0	68	0.05399
T4AB132M2–6**	5.5	21.3	12.3	7.09	20.3	11.7	6.78	19.5	11.3	6.50	975	6.60	1170	90.5	90.7	89.7	0.75	3.3	3.3	1.8	8.2	68	0.07072
T4AB160M–6	7.5	28.0	16.2	9.33	26.8	15.4	8.93	25.7	14.8	8.55	980	9.00	1175	91.3	91.5	90.3	0.77	3.3	3.3	1.8	8.5	68	0.12827
T4AB160L–6	11	40.6	23.5	13.5	38.9	22.3	13.0	37.2	21.5	12.4	980	13.20	1175	92.3	92.6	91.2	0.77	3.4	3.4	1.8	8.5	73	0.18523
T4AB712–8**	0.12	0.84	0.49	0.28	0.81	0.46	0.27	0.77	0.45	0.26	690	0.14	830	62.3	59.8	52.6	0.60	2.2	2.3	2.0	2.9	50	0.00133
T4AB801–8	0.18	1.35	0.78	0.45	1.29	0.74	0.43	1.24	0.72	0.41	710	0.22	850	67.2	64.1	56.8	0.52	2.3	2.7	2.0	3.4	52	0.00232
T4AB802–8**	0.25	1.78	1.03	0.59	1.70	0.98	0.57	1.63	0.94	0.54	710	0.30	850	70.8	67.9	61	0.52	2.7	3.1	2.4	3.7	52	0.00308
T4AB90S–8*	0.37	2.51	1.46	0.84	2.40	1.38	0.80	2.30	1.33	0.77	715	0.44	860	74.3	71.9	65.7	0.52	2.5	2.9	2.2	3.9	56	0.00407
T4AB100L1–8	0.75	3.92	2.27	1.31	3.75	2.16	1.25	3.60	2.08	1.20	710	0.90	850	78.4	77.9	74.4	0.64	2.1	2.8	2.1	4.3	59	0.00834
T4AB100L2–8*	1.1	5.58	3.23	1.86	5.34	3.07	1.78	5.12	2.96	1.71	710	1.32	850	80.8	80.7	78.1	0.64	2.3	2.6	1.8	4.5	59	0.01156
T4AB112M–8	1.5	7.56	4.38	2.52	7.24	4.16	2.41	6.93	4.01	2.31	715	1.80	860	82.6	82.3	79.5	0.63	2.5	3.0	2.3	5.1	61	0.02140
T4AB132S–8	2.2	10.7	6.18	3.56	10.2	5.87	3.40	9.79	5.66	3.26	725	2.64	870	84.5	85.5	82.5	0.64	2.3	3.0	2.0	5.6	64	0.04887
T4AB132M–8	3	13.7	7.92	4.56	13.1	7.52	4.36	12.5	7.25	4.18	725	3.60	870	85.9	86.0	84.2	0.67	2.5	3.1	2.1	6.3	64	0.06236
T4AB160M1–8	4	17.5	10.1	5.82	16.7	9.61	5.57	16.0	9.26	5.34	725	4.80	870	87.1	87.5	86.3	0.69	2.2	2.8	1.7	5.6	68	0.10142
T4AB160M2–8	5.5	23.4	13.5	7.78	22.3	12.8	7.45	21.4	12.4	7.14	725	6.60	870	88.3	88.7	87.8	0.70	2.5	3.0	1.8	6.1	68	0.13559
T4AB160L–8	7.5	31.0	18.0	10.3	29.7	17.1	9.90	28.5	16.5	9.49	725	9.00	870	89.3	89.7	89.0	0.71	2.5	3.0	1.6	6.6	68	0.17763

Model with * means: B5R end–shield can not be matched
Model with ** means: B5R & B14B flange can not be matched

TAIB SerIBes MEPS2(Aus) HIBgh EffIBcIBency Motors TechnIcal Data (at 50Hz)

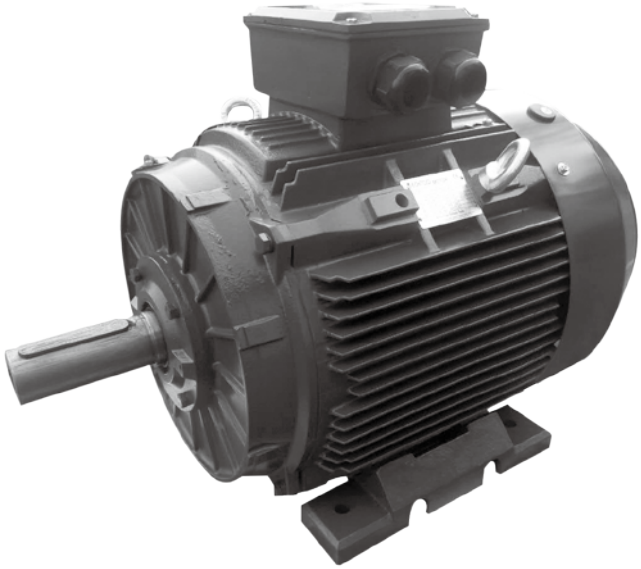
Model	50HZ Power	Current(A) 220V	Current(A) 380V	Current(A) 660V	Current(A) 230V	Current(A) 400V	Current(A) 690V	Current(A) 240V	Current(A) 415V	Current(A) 720V	50HZ Speed	60HZ Power	60HZ Speed	Eff. 100%	Eff. 75%	Eff. 50%	Power factor cos ϕ	T_{st}/T_n (Times)	T_{max}/T_n (Times)	T_{min}/T_n (Times)	I_{st}/I_n (Times)	Noise dB(A)	Inertia (kg*m²)
TAIB 801–2	0.75	3.18	1.84	1.06	3.04	1.75	1.01	2.91	1.68	0.97	2880	0.9	3455	79.4	78.6	74.5	0.78	2.9	3.3	1.9	7	67	0.00097
TAIB 802–2	1.1	4.34	2.51	1.45	4.15	2.38	1.38	3.97	2.30	1.32	2880	1.32	3455	81.2	81.3	78.8	0.82	2.8	2.8	1.8	7.6	67	0.00120
TAIB 90S–2	1.5	5.70	3.30	1.90	5.45	3.14	1.82	5.23	3.02	1.74	2880	1.8	3455	83.2	83.4	81.3	0.83	2.7	3	1.9	7	72	0.00186
TAIB 90L–2	2.2	8.28	4.79	2.76	7.92	4.55	2.64	7.59	4.39	2.53	2890	2.64	3470	84	84.6	82.9	0.83	3	3.1	2.2	8.2	72	0.00242
TAIB 100L1–2	3	11.0	6.36	3.66	10.5	6.04	3.50	10.07	5.83	3.36	2900	3.6	3480	85.3	84.9	83.2	0.84	3	3.6	2.7	7.6	76	0.00413
TAIB 112M1–2	4	13.6	7.90	4.55	13.1	7.51	4.35	12.5	7.24	4.17	2910	4.8	3490	87.4	87.8	86.6	0.88	3.3	3.6	2	9.6	77	0.00631
TAIB 112M2–2*	5.5	18.8	10.9	6.27	18.0	10.3	6.00	17.2	9.97	5.75	2915	6.6	3500	88.2	88.5	87.3	0.87	3.4	4.1	2.8	10.2	78	0.00809
TAIB 132S1–2	5.5	18.7	10.8	6.22	17.8	10.3	5.95	17.1	9.89	5.70	2910	6.6	3490	87.9	88.5	87.5	0.88	2.4	3.4	1.9	8.3	80	0.01332
TAIB 132S2–2	7.5	24.8	14.3	8.26	23.7	13.6	7.90	22.7	13.1	7.57	2920	9	3505	89.3	89.8	89.1	0.89	3.1	3.7	2	10.3	80	0.01647
TAIB 160M1–2	11	35.8	20.8	11.9	34.3	19.7	11.4	32.9	19.0	11.0	2940	13.2	3530	90.5	90.6	89.2	0.89	2.6	3.4	1.5	8.4	86	0.05009
TAIB 160M2–2	15	47.3	27.4	15.8	45.2	26.0	15.1	43.3	25.1	14.4	2950	18	3540	92.5	92.7	91.9	0.9	2.6	3.4	1.8	9.4	86	0.06533
TAIB 160L–2	18.5	58.8	34.0	19.6	56.2	32.3	18.7	53.9	31.1	18.0	2950	22.2	3540	90.8	91.7	91.8	0.91	3.2	3.7	1.8	9.8	86	0.07702
TAIB 801–4	0.55	2.63	1.52	0.88	2.51	1.45	0.84	2.41	1.39	0.80	1420	0.66	1705	73.2	72.6	67.6	0.75	2	2.3	1.6	4.8	57	0.00145
TAIB 802–4	0.75	3.52	2.04	1.17	3.36	1.93	1.12	3.22	1.86	1.07	1420	0.9	1705	81.1	81.3	78.6	0.69	3	3.1	2.5	5.5	58	0.00205
TAIB 803–4**	1.1	5.09	2.95	1.70	4.87	2.80	1.62	4.67	2.70	1.56	1420	1.32	1705	82.2	83.1	81.4	0.69	2.8	2.9	2.5	5.9	61	0.00252
TAIB 90S–4*	1.1	4.65	2.69	1.55	4.45	2.56	1.48	4.26	2.46	1.42	1420	1.32	1705	82.8	83.3	81.1	0.75	2.9	2.8	2.2	6.2	61	0.00351
TAIB 90L1–4*	1.5	6.22	3.60	2.07	5.95	3.42	1.98	5.70	3.30	1.90	1440	1.8	1730	84.4	85.3	84.1	0.75	3	3.2	2.4	7.3	61	0.00435
TAIB 100L1–4	2.2	8.21	4.75	2.74	7.85	4.51	2.62	7.52	4.35	2.51	1440	2.64	1730	85.8	86.7	85.8	0.82	2.6	3.1	2.1	7.3	64	0.00776
TAIB 100L2–4**	3	11.4	6.63	3.81	10.9	6.29	3.65	10.5	6.07	3.50	1445	3.6	1735	86	86.6	85.4	0.8	2.9	3.4	2.4	8.1	64	0.00974
TAIB 112M1–4*	4	14.6	8.48	4.88	14.0	8.06	4.67	13.4	7.76	4.48	1440	4.8	1730	87.4	88.5	88	0.82	2.5	3.3	2.3	7.9	65	0.01374
TAIB 112M2–4**	5.5	20.5	11.9	6.84	19.6	11.3	6.54	18.8	10.9	6.27	1425	6.6	1710	87.9	88.8	88.3	0.8	3.7	3.6	3.1	8.3	71	0.01735
TAIB 132S–4	5.5	19.7	11.4	6.58	18.9	10.9	6.29	18.1	10.5	6.03	1460	6.6	1750	88.1	88.5	87.4	0.83	2.1	3.5	1.9	8.6	71	0.03059
TAIB 132M1–4	7.5	26.7	15.4	8.89	25.5	14.7	8.51	24.5	14.1	8.15	1460	9	1750	88.9	89.4	88.6	0.83	2.7	3.2	1.8	8.9	71	0.03973
TAIB 132M2–4	9.2	31.7	18.4	10.6	30.4	17.5	10.1	29.1	16.8	9.70	1455	11.04	1745	89.5	90.4	90.2	0.85	2.9	3.2	1.7	8.7	74	0.04618
TAIB 132M3–4**	11	37.6	21.8	12.5	35.9	20.7	12.0	34.4	19.9	11.5	1450	13.2	1740	90.4	91.1	90.7	0.85	3.3	3.6	1.5	9.3	75	0.05392
TAIB 160M–4	11	38.7	22.4	12.9	37.0	21.3	12.3	35.5	20.5	11.8	1460	13.2	1750	89.9	90.5	90.1	0.83	2.5	2.7	1.7	7	75	0.08967
TAIB 160L1–4	15	51.3	29.7	17.1	49.1	28.2	16.4	47.1	27.2	15.7	1465	18	1760	91.3	91.9	91.3	0.84	2.5	2.8	1.6	8.3	75	0.11820
TAIB 801–6	0.37	2.41	1.40	0.80	2.31	1.33	0.77	2.21	1.28	0.74	910	0.444	1090	61	58.6	50.7	0.66	1.9	2.2	1.8	3.2	56	0.00160
TAIB 802–6	0.55	3.29	1.90	1.10	3.15	1.81	1.05	3.02	1.74	1.01	910	0.66	1090	65.5	65.4	60.7	0.67	2.1	2.3	2	3.5	56	0.00204
TAIB 90S–6	0.75	4.04	2.34	1.35	3.86	2.22	1.29	3.70	2.14	1.23	940	0.9	1130	76.2	75.6	71.4	0.64	2.2	2.5	1.9	4.5	59	0.00347
TAIB 90L–6*	1.1	5.34	3.09	1.78	5.11	2.94	1.70	4.90	2.83	1.63	945	1.32	1135	78.3	78.4	75.5	0.69	2.5	2.7	2.2	5.1	59	0.00488
TAIB 100L1–6	1.5	6.64	3.84	2.21	6.35	3.65	2.12	6.09	3.52	2.03	945	1.8	1135	80.1	82	81.5	0.74	1.7	2.2	1.6	4.8	61	0.00834
TAIB 112M–6	2.2	9.68	5.61	3.23	9.26	5.33	3.09	8.88	5.13	2.96	950	2.64	1140	82.8	83.9	82.8	0.72	2.1	2.7	1.8	5.5	64	0.01544
TAIB 132S–6	3	12.1	7.01	4.04	11.6	6.66	3.86	11.1	6.42	3.70	960	3.6	1150	85.5	87	86.6	0.76	1.8	2.5	1.6	6.1	64	0.03213
TAIB 132M1–6	4	16.7	9.70	5.58	16.0	9.21	5.34	15.4	8.88	5.12	960	4.8	1150	84.7	85.7	84.9	0.74	2	2.6	1.7	5.9	68	0.03892
TAIB 132M2–6	5.5	22.3	12.9	7.43	21.3	12.3	7.11	20.4	11.8	6.81	960	6.6	1150	86.3	87.5	87.1	0.75	2.4	2.6	1.8	6.6	68	0.04897
TAIB 160M–6	7.5	29.1	16.9	9.70	27.8	16.0	9.28	26.7	15.4	8.90	965	9	1160	87.8	88.8	88.3	0.77	2.5	2.9	1.9	6.9	68	0.09382
TAIB 160L–6	11	42.5	24.6	14.2	40.6	23.4	13.5	38.9	22.5	13.0	970	13.2	1165	89.4	90.1	89.5	0.76	2.2	2.3	1.3	6.5	73	0.12827

Model with * means: B5R end–shield can not be matched
Model with ** means: B5R & B14B flange can not be matched

"ECOL" Motors
in Cast Iron Housing

FEATURES

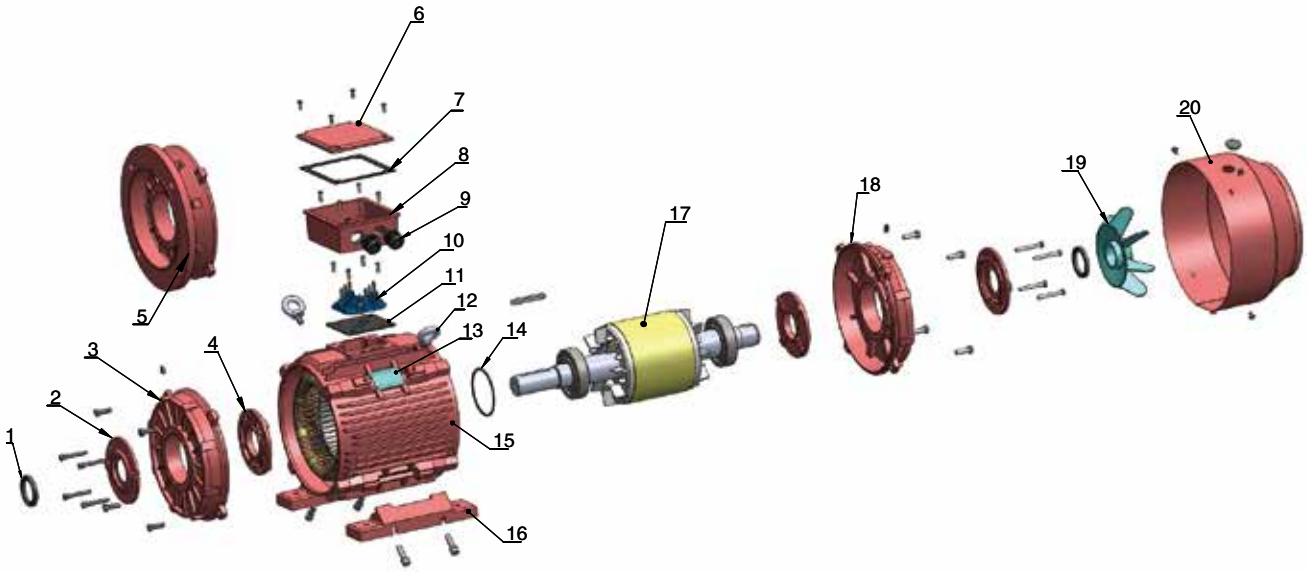
- Energy savings, high efficiency
- High starting torque, lower starting current
- Versatile and easy to modify design adapts to a variety of applications
- Option of integrated or removable feet
- Option of terminal box location (top, left or right)
- Option of IE2, IE3, MEPS High and Premium Efficiency for IEC standards + NEMA EPACT and Premium Efficiency
- Contained total length is the same as or shorter than the current market standard
- Full use of the magnetization properties of cold rolled silicone steel in which the stator laminations are magnetized evenly to reduce temperature rise of the winding



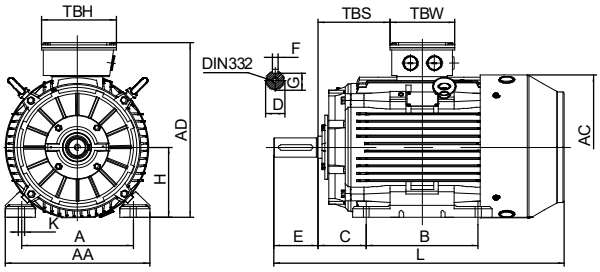
APPLICATIONS

- Pumps
- Waste water treatment plants
- Air compressors, fans
- Gear reducers and power transmission
- Pulp and paper mills
- Steel mill
- Conveyors, elevators
- Should be "Material handling equipment"
- Agricultural application
- Mining equipment
- Hydraulic equipment

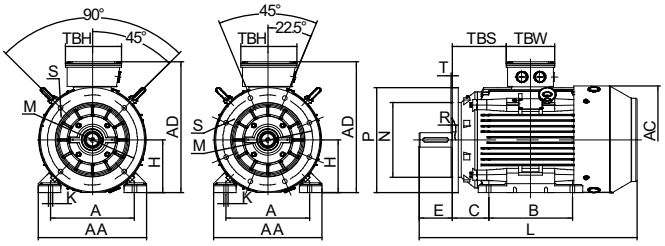
Motor Spare Part List "Exploded Drawing"



1. Oil seal
2. Outer bearing cap D.E
3. DE endshield
4. Inner bearing cap D.E
5. B5 flange
6. TB cover
7. TB upper gasket
8. TB base
9. Cable gland
10. Terminal board
11. TB bottom gasket
12. Eye bolt
13. Nameplate
14. Wave washer
15. Frame
16. Foot
17. Rotor
18. NDE endshield
19. Cooling fan
20. Fan cover



IM B3



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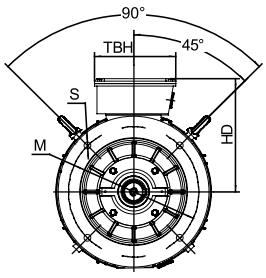

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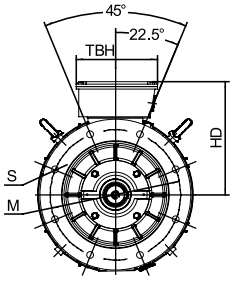
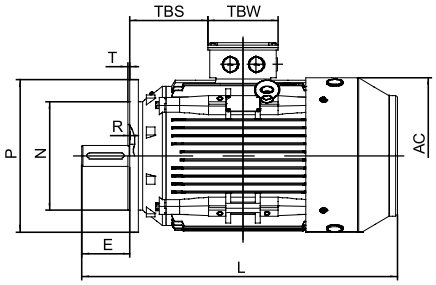
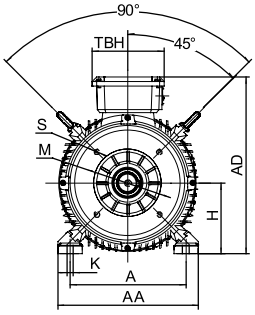
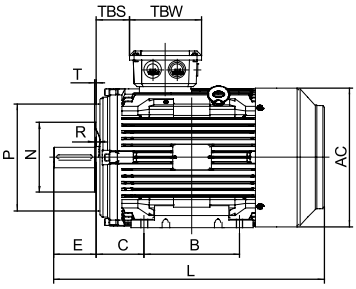


H225-H355



IM B5





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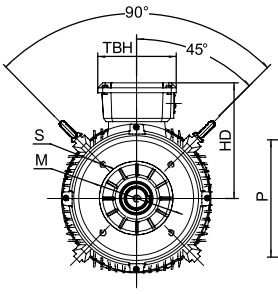

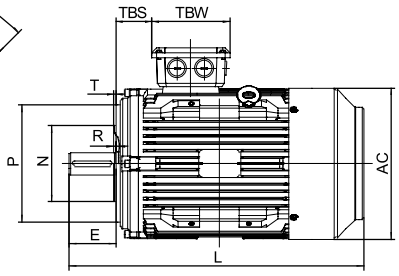

IM B14

Overall & Installation Dimensions

Frame		Foot Mounting				Shaft					General							
		H	A	B	C	D	E	F	G	K	AA	AD	HD	AC	L	TBS	TBW	TBH
80		80	125	100	50	ϕ19	40	6	15.5	ϕ9	154	214	134	ϕ158	290	43	114	114
90S/L		90	140	100/125	56	ϕ24	50	8	20	ϕ10	178	231	141	ϕ176	320/345	49/61.5	114	114
100L		100	160	140	63	ϕ28	60	8	24	ϕ12	203	251	151	ϕ199	385	76	114	114
112M		112	190	140	70	ϕ28	60	8	24	ϕ12	231	292	180	ϕ220	405	73	134	134
132S/M		132	216	140/178	89	ϕ38	80	10	33	ϕ12	263	332	200	ϕ259	467/505	61.5	134	134
160M/L		160	254	210/254	108	ϕ42	110	12	37	ϕ15	316	404	244	ϕ313	605/650	91	162	187
180M/L		180	279	241/279	121	ϕ48	110	14	42.5	ϕ15	354	445	265	ϕ360	687/725	160/180	162	187
200L		200	318	305	133	ϕ55	110	16	49	ϕ19	393	500	300	ϕ399	768.5	192	186	233
225S	4,6,8	225	356	286	149	ϕ60	140	18	53	ϕ19	440	558	333	ϕ459	810	199	186	233
225M	2	225	356	311	149	ϕ55	110	16	49	ϕ19	440	558	333	ϕ459	805	211.5	186	233
	4,6,8	225	356	311	149	ϕ60	140	18	53	ϕ19	440	558	333	ϕ459	835	211.5	186	233
250M	2	250	406	349	168	ϕ60	140	18	53	ϕ24	484	616	366	ϕ506	915	233	218	260
	4,6,8	250	406	349	168	ϕ65	140	18	58	ϕ24	484	616	366	ϕ506	915	233	218	260
280S/M	2	280	457	368/419	190	ϕ65	140	18	58	ϕ24	560	675	395	ϕ559	984/1035	265/277	218/245	260/280
	4,6,8	280	457	368/419	190	ϕ75	140	20	67.5	ϕ24	560	675	395	ϕ559	984/1035	265/277	218/245	260/280
315S	2	315	508	406	216	ϕ65	140	18	58	ϕ28	628	825	510	ϕ680	1205	200	290	350
	4,6,8	315	508	406	216	ϕ80	170	22	71	ϕ28	628	825	510	ϕ680	1235	200	290	350
315M/L	2	315	508	457/508	216	ϕ65	140	18	58	ϕ28	628	825	510	ϕ680	1355	200	290	350
	4,6,8	315	508	457/508	216	ϕ80	170	22	71	ϕ28	628	825	510	ϕ680	1385	200	290	350
355M/L	2	355	610	560/630	254	ϕ75	140	20	67.5	ϕ28	740	1010	655	ϕ820	1495	140	330	380
	4,6,8	355	610	560/630	254	ϕ95	170	25	86	ϕ28	740	1010	655	ϕ820	1525	140	330	380
	4,6,8	355	610	560/630	254	ϕ100	210	28	90	ϕ28	740	1010	655	ϕ820	1565	140	330	380

Frame		Bearings		Cable Gland	B5						B14					
		DE	NDE		N	M	P	S	T	R	N	M	P	S	T	R
80		6204		1-M20×1.5	ϕ130	ϕ165	ϕ200	4×ϕ12	3.5	0	ϕ80	ϕ100	ϕ120	M6	3	0
90S/L		6205		1-M20×1.5	ϕ130	ϕ165	ϕ200	4×ϕ12	3.5	0	95	115	140	M8	3	0
100L		6206		1-M20×1.5	ϕ180	ϕ215	ϕ250	4×ϕ15	4	0	110	130	160	M8	3.5	0
112M		6306		2-M25×1.5	ϕ180	ϕ215	ϕ250	4×ϕ15	4	0	110	130	160	M8	3.5	0
132S/M		6308		2-M25×1.5	ϕ230	ϕ265	ϕ300	4×ϕ15	4	0	130	165	200	M10	3.5	0
160M/L		6309		2-M32×1.5	ϕ250	ϕ300	ϕ350	4×ϕ19	5	0	180	215	250	M12	5	0
180M/L		6311		2-M32×1.5	ϕ250	ϕ300	ϕ350	4×ϕ19	5	0						
200L		6312		2-M40×1.5	ϕ300	ϕ350	ϕ400	4×ϕ19	5	0						
225S/M		6313		2-M50×1.5	ϕ350	ϕ400	ϕ450	8×ϕ19	5	0						
250M		6314		2-M50×1.5	ϕ450	ϕ500	ϕ550	8×ϕ19	5	0						
280S/M		6316		2-M50×1.5	ϕ450	ϕ500	ϕ550	8×ϕ19	5	0						
315S/M/L	2	6317		2-M63×1.5	ϕ550	ϕ600	ϕ660	8×ϕ24	6	0						
	4,6,8	NU319	6319													
355M/L	2	6319		2-M63×1.5	ϕ680	ϕ740	ϕ800	8×ϕ24	6	0						
	4,6,8	NU322	6322													

T1C Series IE1 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	Tn (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m^2)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T1C 801–2	0.75	3.74	2.17	1.25	3.58	2.06	1.19	3.43	1.98	1.14	2840	72.1	73.3	69.0	0.73	2.52	2.2	1.8	2.3	6	67	14.3	0.00093
T1C 802–2	1.1	5.27	3.05	1.76	5.04	2.90	1.68	4.83	2.80	1.61	2840	75	77.7	74.8	0.73	3.70	2.2	1.8	2.3	7	67	16.0	0.00110
T1C 90S–2	1.5	6.89	3.99	2.30	6.59	3.79	2.20	6.32	3.65	2.11	2840	77.2	78.5	75.1	0.74	5.04	2.2	1.8	2.3	7	72	18.5	0.00184
T1C 90L–2	2.2	9.17	5.31	3.06	8.77	5.04	2.92	8.41	4.86	2.80	2840	79.7	80.9	78.8	0.79	7.40	2.2	1.8	2.3	7.5	72	22.0	0.00239
T1C 100L–2	3	11.93	6.90	3.98	11.41	6.56	3.80	10.9	6.32	3.64	2840	81.5	82.8	80.1	0.81	10.09	2.2	1.8	2.3	7.5	76	32.0	0.00368
T1C 112M–2	4	15.60	9.03	5.20	14.92	8.58	4.97	14.3	8.27	4.77	2900	83.1	84.9	82.6	0.81	13.17	2.2	1.8	2.3	7.5	77	41.0	0.01613
T1C 132S1–2	5.5	20.29	11.75	6.76	19.40	11.2	6.47	18.6	10.8	6.20	2900	84.7	85.5	82.8	0.84	18.11	2.2	1.8	2.3	7.5	80	57.5	0.01106
T1C 132S2–2	7.5	26.9	15.6	9.0	25.8	14.8	8.58	24.7	14.3	8.23	2900	86	87.1	84.7	0.85	24.70	2.2	1.8	2.3	7.5	80	62.0	0.01468
T1C 132M1–2	9.2	32.3	18.7	10.8	30.9	17.7	10.3	29.6	17.1	9.9	2900	87	88.2	86.1	0.86	30.30	2.2	1.4	2.3	7.5	80	68.5	0.01767
T1C 160M1–2	11	36.6	21.2	12.2	35.0	20.1	11.7	33.6	19.4	11.2	2945	87.6	88.9	86.6	0.90	35.67	2.2	1.4	2.3	8.5	86	111.0	0.04150
T1C 160M2–2	15	50.4	29.2	16.8	48.2	27.7	16.1	46.2	26.7	15.4	2945	88.7	90.0	88.1	0.88	48.64	2.2	1.4	2.3	9	86	122.0	0.05384
T1C 160L–2	18.5	64.0	37.0	21.3	61.2	35.2	20.4	58.6	33.9	19.5	2945	89.3	91.0	89.5	0.85	59.99	2.2	1.4	2.3	10	86	140.0	0.06436
T1C 180M–2	22	71.4	41.3	23.8	68.3	39.2	22.8	65.4	37.8	21.8	2945	89.9	89.9	87.6	0.90	71.34	2.2	1.3	2.3	8	89	153.0	0.08110
T1C 200L1–2	30	96.4	55.8	32.1	92.3	53.0	30.8	88.4	51.1	29.5	2950	90.7	91.4	89.7	0.90	97.12	2.0	1.3	2.3	7.5	92	218.0	0.15138
T1C 200L2–2	37	118.3	68.5	39.4	113.2	65.1	37.7	108.4	62.7	36.1	2950	91.2	92.7	91.5	0.90	119.8	2.0	1.3	2.3	7.5	92	230.0	0.17351
T1C 225M–2	45	143.1	82.8	47.7	136.9	78.7	45.6	131.2	75.9	43.7	2955	91.7	91.4	89.7	0.90	145.4	2.0	1.3	2.3	7.5	92	303.0	0.24178
T1C 250M–2	55	174.1	100.8	58.0	166.6	95.8	55.5	159.6	92.3	53.2	2970	92.1	92.5	90.7	0.90	176.9	2.0	1.3	2.3	9	93	391.0	0.38903
T1C 280S–2	75	235.9	136.6	78.6	225.7	129.7	75.2	216.2	125.1	72.1	2970	92.7	92.9	91.1	0.90	241.2	2.0	1.3	2.3	9	94	530.0	0.69871
T1C 280M–2	90	282.2	163.4	94.1	269.9	155.2	90.0	258.7	149.6	86.2	2970	93	92.8	90.9	0.90	289.4	2.0	1.3	2.3	9	94	572.0	0.79539
T1C 315S–2	110		199.0	114.6		189.1	109.6		182.2	105.0	2970	93.3	94.0	92.5	0.90	353.7	2.0	1.5	2.2	7	96	900.0	1.41216
T1C 315M–2	132		235.7	135.7		223.9	129.8		215.8	124.4	2970	93.5	94.1	92.8	0.91	424.4	2.0	1.5	2.2	7	96	970.0	1.55013
T1C 315L1–2	160		288.0	165.8		273.6	158.6		263.7	152.0	2970	93.8	94.2	93.0	0.90	514.5	2.0	1.5	2.2	7	99	1010.0	1.71199
T1C 315L2–2	200		359.2	206.8		341.2	197.8		328.9	189.6	2970	94	94.3	93.1	0.90	643.1	2.0	1.5	2.2	7	99	1070.0	1.90623
T1C 355M1–2	220		395.1	227.5		375.3	217.6		361.8	208.5	2980	94	94.3	93.1	0.90	705.0	2.0	1.2	2.2	7	103	1590.0	2.95585
T1C 355M2–2	250		449.0	258.5		426.5	247.3		411.1	237.0	2980	94	94.4	93.2	0.90	801.2	2.0	1.2	2.2	7	103	1650.0	3.14272
T1C 355L1–2	280		502.8	289.5		477.7	276.9		460.4	265.4	2980	94	94.5	93.2	0.90	897.3	2.0	1.2	2.2	7	103	1715.0	3.47911
T1C 355L2–2	315		565.7	325.7		537.4	311.5		518.0	298.6	2980	94	94.5	93.2	0.90	1009.5	2.0	1.2	2.2	7	103	1780.0	3.85287
T1C 801–4	0.55	2.75	1.59	0.92	2.63	1.51	0.88	2.52	1.46	0.84	1420	70	72.5	70.2	0.75	3.70	2.3	2.0	2.6	6	58	13.5	0.00141
T1C 802–4	0.75	3.64	2.11	1.21	3.48	2.00	1.16	3.34	1.93	1.11	1420	72.1	79.2	76.8	0.75	5.04	2.3	2.0	2.6	6	58	14.6	0.00168
T1C 90S–4	1.1	5.13	2.97	1.71	4.91	2.82	1.64	4.70	2.72	1.57	1430	75	77.8	74.5	0.75	7.35	2.3	2.0	2.6	6.5	61	18.0	0.00238
T1C 90L–4	1.5	6.71	3.88	2.24	6.42	3.69	2.14	6.15	3.56	2.05	1430	77.2	80.0	77.3	0.76	10.02	2.3	2.0	2.6	6.5	61	23.0	0.00335
T1C 100L1–4	2.2	9.06	5.24	3.02	8.66	4.98	2.89	8.30	4.80	2.77	1430	79.7	79.3	75.6	0.80	14.69	2.2	2.0	2.6	6.5	64	32.0	0.00688
T1C 100L2–4	3	12.1	6.99	4.03	11.6	6.64	3.85	11.1	6.40	3.69	1435	81.5	82.6	79.9	0.80	19.97	2.2	2.0	2.6	7.5	64	35.0	0.00883
T1C 112M–4	4	15.4	8.92	5.14	14.7	8.47	4.91	14.1	8.17	4.71	1435	83.1	86.2	84.7	0.82	26.62	2.2	2.0	2.6	7.5	65	44.0	0.01311
T1C 132S–4	5.5	20.5	11.9	6.84	19.6	11.3	6.55	18.8	10.9	6.27	1440	84.7	87.5	85.6	0.83	36.48	2.2	1.6	2.6	7.5	71	61.0	0.02679
T1C 132M–4	7.5	26.9	15.6	8.98	25.8	14.8	8.58	24.7	14.3	8.23	1440	86	88.6	86.9	0.85	49.74	2.2	1.6	2.6	7.5	71	76.0	0.03694
T1C 132M2–4	9.2	33.0	19.1	11.0	31.6	18.2	10.5	30.3	17.5	10.1	1440	86	88.6	85.8	0.85	61.01	2.2	1.6	2.6	7.5	71	79.0	0.04412
T1C 160M–4	11	39.2	22.7	13.1	37.5	21.6	12.5	36.0	20.8	12.0	1465	87.6	89.7	88.8	0.84	71.71	2.2	1.6	2.6	8.5	75	115.0	0.07659
T1C 160L–4	15	51.0	29.5	17.0	48.8	28.1	16.3	46.8	27.0	15.6	1465	88.7	90.8	90.2	0.87	97.78	2.2	1.6	2.6	8	75	137.0	0.10379
T1C 180M–4	18.5	61.8	35.8	20.6	59.1	34.0	19.7	56.6	32.8	18.9	1465	89.3	90.6	89.3	0.88	120.6	2.2	1.6	2.6	8	76	149.5	0.14084
T1C 180L–4	22	73.0	42.2	24.3	69.8	40.1	23.3	66.9	38.7	22.3	1465	89.9	90.7	89.3	0.88	143.4	2.2	1.6	2.6	8	76	165.0	0.16541
T1C 200L–4	30	102.1	59.1	34.0	97.7	56.2	32.6	93.6	54.1	31.2	1475	90.7	92.3	91.6	0.85	194.2	2.2	1.6	2.6	8	79	216.5	0.26594
T1C 225S–4	37	125.3	72.5	41.8	119.8	68.9	39.9	114.8	66.4	38.3	1480	91.2	90.9	88.8	0.85	238.8	2.2	1.3	2.6	7	81	293.0	0.50439
T1C 225M–4	45	151.5	87.7	50.5	144.9	83.3	48.3	138.9	80.3	46.3	1480	91.7	92.6	91.0	0.85	290.4	2.2	1.3	2.6	7	81	335.0	0.57909
T1C 250M–4	55	182.2	105.5	60.7	174.3	100.2	58.1	167.0	96.6	55.7	1480	92.1	92.4	90.7	0.86	354.9	2.2	1.3	2.6	8	83	397.0	0.69098
T1C 280S–4	75	238.6	138.1	79.5	228.2	131.2	76.1	218.7	126.5	72.9	1480	92.7	93.1	93.2	0.89	484.0	2.2	1.3	2.6	9	86	540.0	1.41285
T1C 280M–4	90	282.2	163.4	94.1	269.9	155.2	90.0	258.7	149.6	86.2	1480	93	93.4	93.5	0.90	580.7	2.2	1.3	2.6	9	86	620.0	1.74607
T1C 315S–4	110		199.0	114.6		189.1	109.6		182.2	105.0	1480	93.3	93.8	93.2	0.90	709.8	2.0	1.3	2.3	7	93	915.0	2.90486
T1C 315M–4	132		238.3	137.2		226.4	131.2		218.2	125.8	1480	93.5	94.0	93.6	0.90	851.8	2.0	1.3	2.3	7	93	1005.0	3.29579
T1C 315L1–4	160		288.0	165.8		273.6	158.6		263.7	152.0	1480	93.8	94.0	93.5	0.90	1032.4	2.0	1.3	2.3	7	97	1068.0	3.73367
T1C 315L2–4	200		359.2	206.8		341.2	197.8		328.9	189.6	1480	94	94.3	93.9	0.90	1290.5	2.0	1.3	2.3	7	97	1210.0	4.67201
T1C 355M1–4	220		399.5	230.0		379.6	220.0		365.8	210.9	1480	94	94.5	94.0	0.89	1419.6	2.0	1.2	2.3	7	101	1560.0	6.87200
T1C 355M2–4	250		454.0	261.4		431.3	250.0		415.7	239.6	1480	94	94.5	94.0	0.89	1613.2	2.0	1.2	2.3	7	101	1600.0	7.63820
T1C 355L1–4	280		508.5	292.8		483.1	280.0		465.6	268.4	1480	94	94.5	94.0	0.89	1806.8	2.0	1.2	2.3	7	101	1650.0	8.31927

T1C Series IE1 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	Tn (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m²)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T1C 355L2–4	315		565.7	325.7		537.4	311.5		518.0	298.6	1485	94	94.6	94.1	0.90	2025.8	2.0	1.2	2.3	7	101	1700.0	9.08547
T1C 355L3–4	355		637.5	367.1		605.7	351.1		583.8	336.5	1485	94	94.6	94.1	0.90	2283.0	2.0	1.2	2.3	7	101	1780.0	10.10708
T1C 801–6	0.37	2.71	1.57	0.90	2.59	1.49	0.86	2.48	1.44	0.83	900	59.7	60.5	55.7	0.60	3.93	2.0	1.8	2.2	5.5	54	14.0	0.00231
T1C 802–6	0.55	3.54	2.05	1.18	3.38	1.95	1.13	3.24	1.88	1.08	900	65.8	66.1	62.3	0.62	5.84	2.0	1.8	2.2	5.5	54	15.0	0.00284
T1C 90S–6	0.75	4.26	2.47	1.42	4.08	2.34	1.36	3.91	2.26	1.30	935	70	70.4	65.8	0.66	7.66	2.0	1.8	2.2	5.5	57	19.0	0.00335
T1C 90L–6	1.1	5.82	3.37	1.94	5.57	3.20	1.86	5.34	3.09	1.78	935	72.9	74.2	70.8	0.68	11.24	2.0	1.8	2.2	5.5	57	21.6	0.00461
T1C 100L–6	1.5	7.17	4.15	2.39	6.86	3.94	2.29	6.57	3.80	2.19	940	75.2	75.7	72.4	0.73	15.24	2.0	1.8	2.2	5.5	61	29.5	0.00783
T1C 112M–6	2.2	10.3	5.97	3.44	9.9	5.68	3.29	9.46	5.47	3.15	940	77.7	79.3	76.2	0.72	22.35	2.0	1.8	2.2	6	65	38.0	0.01383
T1C 132S–6	3	13.2	7.63	4.39	12.6	7.24	4.20	12.1	6.98	4.02	940	79.7	80.2	76.8	0.75	30.48	2.0	1.8	2.2	6	69	49.6	0.02855
T1C 132M1–6	4	17.4	10.1	5.81	16.7	9.58	5.56	16.0	9.24	5.32	950	81.4	82.8	80.1	0.74	40.21	2.0	1.8	2.5	6	69	59.4	0.03601
T1C 132M2–6	5.5	23.5	13.6	7.82	22.5	12.9	7.48	21.5	12.4	7.17	950	83.1	83.0	80.6	0.74	55.29	2.0	1.8	2.5	7.5	69	65.0	0.04890
T1C 160M–6	7.5	30.6	17.7	10.2	29.2	16.8	9.75	28.0	16.2	9.34	965	84.7	87.0	85.2	0.76	74.22	2.0	1.3	2.5	7.5	73	112.0	0.08726
T1C 160L–6	11	44.0	25.5	14.7	42.0	24.2	14.0	40.3	23.3	13.4	970	86.4	86.7	84.4	0.76	108.3	2.0	1.3	2.5	7.5	73	122.4	0.10963
T1C 180L–6	15	54.1	31.3	18.0	51.7	29.7	17.2	49.6	28.7	16.5	970	87.7	89.1	87.8	0.83	147.7	1.8	1.2	2.2	8	73	161.5	0.24936
T1C 200L1–6	18.5	62.3	36.0	20.8	59.6	34.2	19.9	57.1	33.0	19.0	970	88.6	90.9	90.3	0.88	182.1	1.8	1.2	2.2	8	76	208.3	0.36147
T1C 200L2–6	22	73.5	42.6	24.5	70.4	40.5	23.5	67.4	39.0	22.5	970	89.2	91.0	90.5	0.88	216.6	1.8	1.2	2.2	8	76	218.2	0.39445
T1C 225M–6	30	100.3	58.1	33.4	96.0	55.2	32.0	92.0	53.2	30.7	975	90.2	91.2	89.9	0.87	293.8	1.8	1.2	2.2	7	76	289.0	0.55616
T1C 250M–6	37	127.3	73.7	42.4	121.8	70.0	40.6	116.7	67.5	38.9	980	90.8	90.7	88.6	0.84	360.6	2.0	1.3	2.2	7.5	78	380.0	0.96477
T1C 280S–6	45	152.0	88.0	50.7	145.4	83.6	48.5	139.3	80.6	46.4	980	91.4	92.6	91.6	0.85	438.5	2.0	1.3	2.2	7.5	80	489.5	1.68116
T1C 280M1–6	55	182.6	105.7	60.9	174.7	100.4	58.2	167.4	96.8	55.8	980	91.9	93.3	92.5	0.86	536.0	2.0	1.3	2.2	7.5	80	560.0	1.99928
T1C 315S–6	75		143.1	82.4		135.9	78.8		131.0	75.5	985	92.6	93.4	92.2	0.86	727.2	2.0	1.3	2.3	7	85	806.0	3.25976
T1C 315M–6	90		171.1	98.5		162.6	94.3		156.7	90.3	985	92.9	93.5	92.5	0.86	872.6	2.0	1.3	2.3	7	85	912.0	3.90933
T1C 315L1–6	110		208.3	119.9		197.9	114.7		190.7	109.9	985	93.3	93.5	92.3	0.86	1066.5	2.0	1.3	2.3	7	85	965.0	4.54331
T1C 315L2–6	132		249.4	143.6		236.9	137.4		228.4	131.6	985	93.5	93.6	92.5	0.86	1279.8	2.0	1.3	2.3	7	85	1070.0	5.44899
T1C 355M1–6	160		291.2	167.7		276.6	160.4		266.6	153.7	990	93.8	93.5	92.7	0.89	1543.4	2.0	1.2	2.2	8	92	1537.0	8.97637
T1C 355M2–6	200		359.2	206.8		341.2	197.8		328.9	189.6	990	94	93.5	92.8	0.90	1929.3	2.0	1.2	2.2	8	92	1720.0	11.00175
T1C 355L–6	250		449.0	258.5		426.5	247.3		411.1	237.0	990	94	93.6	92.8	0.90	2411.6	2.0	1.2	2.2	8	92	1880.0	13.56011
T1C 801–8	0.18	1.5	0.9	0.5	1.5	0.8	0.48	1.39	0.80	0.46	680	51	52.5	48.5	0.61	2.5	1.5	1.3	1.7	2.8	52	15	0.00214
T1C 802–8	0.25	1.9	1.1	0.6	1.8	1.1	0.61	1.76	1.02	0.59	680	56	58.2	52.5	0.61	3.5	1.6	1.3	2	2.7	52	16.1	0.00249
T1C 90S–8	0.37	2.4	1.4	0.8	2.3	1.3	0.78	2.24	1.30	0.75	680	63	63.8	58.5	0.63	5.2	1.6	1.3	1.8	2.8	56	19.2	0.00335
T1C 90L–8	0.55	3.4	1.9	1.1	3.2	1.9	1.07	3.08	1.78	1.03	680	66	67.2	62.3	0.65	7.7	1.6	1.3	1.8	3	56	21.8	0.00461
T1C 100L1–8	0.75	4.5	2.6	1.5	4.3	2.4	1.42	4.08	2.36	1.36	710	66	67.5	62.5	0.67	10.1	1.7	1.3	2.1	3.5	59	27.9	0.00688
T1C 100L2–8	1.1	5.8	3.4	1.9	5.6	3.2	1.85	5.33	3.08	1.78	710	72	72.8	67.7	0.69	14.8	1.7	1.3	2.1	3.5	59	32	0.00925
T1C 112M–8	1.5	7.8	4.5	2.6	7.5	4.3	2.49	7.17	4.15	2.39	710	74	73.2	68.6	0.68	20.2	1.8	1.2	2.1	4.2	61	39.1	0.01552
T1C 132S–8	2.2	10.8	6.3	3.6	10.4	6.0	3.46	9.94	5.75	3.31	720	75	75.5	71.1	0.71	29.2	2	1.2	2	5.5	64	58	0.03408
T1C 132M–8	3	14.0	8.1	4.7	13.4	7.7	4.47	12.8	7.43	4.28	720	77	77.2	72.6	0.73	39.8	2	1.2	2	5.5	64	64	0.04522
T1C 160M1–8	4	20.2	11.7	6.7	19.3	11.1	6.44	18.5	10.7	6.17	730	80	79.5	75.6	0.65	52.33	1.6	1.2	2.2	6	68	108	0.07620
T1C 160M2–8	5.5	26.6	15.4	8.9	25.4	14.6	8.48	24.4	14.1	8.13	730	83.5	81.6	77.7	0.65	71.95	1.6	1.2	2.2	6	68	124	0.09095
T1C 160L–8	7.5	35.6	20.6	11.9	34.1	19.6	11.4	32.7	18.9	10.88	730	85	82.8	79.5	0.65	98.12	1.6	1.2	2.2	6	68	136	0.10594
T1C 180L–8	11	43.7	25.3	14.6	41.8	24.1	13.9	40.1	23.2	13.36	730	88	87.3	84.9	0.75	143.9	2	1.4	2	6	70	174	0.25695
T1C 200L–8	15	53.9	31.2	18.0	51.6	29.7	17.2	49.4	28.6	16.48	730	89	89.3	88	0.82	196.2	1.6	1.3	2.2	7	73	220	0.36147
T1C 225S–8	18.5	67.4	39.0	22.5	64.5	37.1	21.5	61.8	35.7	20.60	735	90	88.8	87.2	0.80	240.4	1.6	1.3	2	6	73	285	0.49078
T1C 225M–8	22	79.7	46.2	26.6	76.3	43.9	25.4	73.1	42.3	24.37	735	90.5	90.4	89.1	0.80	285.9	1.6	1.3	2	6	73	310	0.58885
T1C 250M–8	30	108.1	62.6	36.0	103.4	59.5	34.5	99.1	57.3	33.04	735	91	91.9	90.8	0.80	389.8	1.6	1.0	1.8	6	75	395	1.02008
T1C 280S–8	37	136.0	78.8	45.3	130.1	74.8	43.4	124.7	72.1	41.57	740	91.5	91.2	90.5	0.78	477.5	1.9	1.2	2	6.5	76	523	1.88979
T1C 280M–8	45	164.6	95.3	54.9	157.4	90.5	52.5	150.9	87.2	50.28	740	92	92.3	90.8	0.78	580.7	1.9	1.2	2	6.5	76	575	2.26008
T1C 315S–8	55		112.6	64.8		106.9	62.0		103.1	59.40	740	92.8	92.5	91.2	0.80	709.8	2	1.3	2	6.5	82	842	3.89374
T1C 315M–8	75		153.2	88.2		145.5	84.3		140.2	80.83	740	93	92.6	91.1	0.80	967.9	2	1.3	2	6.5	82	998.8	5.26785
T1C 315L1–8	90		182.2	104.9		173.1	100.4		166.9	96.17	740	93.8	93.9	92.3	0.80	1161.5	2	1.3	2	6.5	82	1096.8	6.26411
T1C 315L2–8	110		222.2	128.0		211.1	122.4		203.5	117.29	740	94	93.2	92.2	0.80	1419.6	2	1.3	2	6.5	82	1191.2	7.44150
T1C 355M1–8	132		267.5	154.0		254.2	147.3		245.0	141.20	740	93.7	93.6	92.5	0.80	1703.5	1.8	1.3	2	6.5	90	1496.8	8.86978
T1C 355M2–8	160		322.6	185.7		306.4	177.6		295.4	170.24	740	94.2	93.6	92.3	0.80	2064.9	1.8	1.3	2	6.5	90	1592	10.04236
T1C 355L–8	200		401.9	231.4		381.8	221.4		368.0	212.13	740	94.5	93.1	92.5	0.80	2581.1	1.8	1.3	2	6.5	90	1752	12.28093

T2C Series IE2 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	Tn (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m^2)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T2C 801–2	0.75	3.14	1.82	1.05	3.00	1.73	1.00	2.88	1.66	0.96	2840	77.4	77.5	73.8	0.81	2.52	2.5	2.1	2.6	6	67	14.5	0.00084
T2C 802–2	1.1	4.42	2.56	1.47	4.23	2.43	1.41	4.05	2.34	1.35	2880	79.6	80.5	78.6	0.82	3.65	2.5	1.8	2.6	7.5	67	16.5	0.00119
T2C 90S–2	1.5	5.90	3.42	1.97	5.65	3.25	1.88	5.41	3.13	1.80	2880	81.3	81.9	81.0	0.82	4.97	2.5	1.8	2.6	7	72	18.5	0.00184
T2C 90L–2	2.2	8.36	4.84	2.79	8.00	4.60	2.67	7.66	4.43	2.55	2880	83.2	83.6	82.5	0.83	7.30	2.5	1.4	2.6	7.5	72	22.0	0.00239
T2C 100L–2	3	11.2	6.49	3.74	10.7	6.17	3.57	10.3	5.94	3.43	2890	84.6	85.5	84.0	0.83	9.91	2.5	2.0	2.8	7.5	76	33.0	0.00410
T2C 112M–2	4	13.9	8.05	4.63	13.3	7.65	4.43	12.7	7.37	4.25	2910	85.8	85.3	82.7	0.88	13.13	2.5	1.8	2.8	9.5	77	41.0	0.00607
T2C 132S1–2	5.5	18.9	10.9	6.28	18.0	10.4	6.01	17.3	9.99	5.76	2910	87	88.1	86.0	0.88	18.05	2.4	1.8	2.8	8.5	80	59.5	0.01251
T2C 132S2–2	7.5	25.4	14.7	8.46	24.3	14.0	8.09	23.3	13.5	7.76	2920	88.1	89.0	87.3	0.88	24.53	2.5	1.8	2.8	10	80	64.0	0.01613
T2C 132M1–2	9.2	31.1	18.0	10.4	29.8	17.1	9.93	28.5	16.5	9.52	2920	88.1	88.9	87.0	0.88	30.09	2.5	1.4	3.0	10	80	71.0	0.01758
T2C 160M1–2	11	35.9	20.8	12.0	34.3	19.7	11.4	32.9	19.0	11.0	2930	89.4	89.5	89.0	0.90	35.85	2.5	1.4	2.8	8.5	86	113.0	0.04561
T2C 160M2–2	15	48.4	28.0	16.1	46.3	26.6	15.4	44.4	25.7	14.8	2940	90.3	90.0	88.8	0.90	48.72	2.5	1.3	2.8	9	86	124.0	0.06206
T2C 160L–2	18.5	59.3	34.4	19.8	56.8	32.6	18.9	54.4	31.5	18.1	2940	90.9	91.3	90.0	0.90	60.09	2.5	1.4	2.8	9.5	86	140.0	0.07528
T2C 180M–2	22	70.3	40.7	23.4	67.2	38.6	22.4	64.4	37.2	21.5	2945	91.3	91.2	89.8	0.90	71.34	2.5	1.4	2.8	9	89	168.0	0.08110
T2C 200L1–2	30	95.1	55.0	31.7	90.9	52.3	30.3	87.2	50.4	29.1	2945	92	92.1	90.9	0.90	97.3	2.0	1.3	2.5	7	92	235.0	0.14253
T2C 200L2–2	37	116.6	67.5	38.9	111.6	64.2	37.2	106.9	61.8	35.6	2945	92.5	91.5	92.3	0.90	120.0	2.5	1.5	2.5	7.5	92	246.0	0.16466
T2C 225M–2	45	141.2	81.8	47.1	135.1	77.7	45.0	129.5	74.9	43.2	2950	92.9	92.4	91.6	0.90	145.7	2.5	1.3	2.4	7.5	92	321.0	0.24906
T2C 250M–2	55	172.1	99.6	57.4	164.6	94.6	54.9	157.7	91.2	52.6	2960	93.2	93.5	92.0	0.90	177.4	2.3	1.4	2.6	8.5	93	419.0	0.43328
T2C 280S–2	75	233.1	135.0	77.7	223.0	128.2	74.3	213.7	123.6	71.2	2960	93.8	93.7	92.4	0.90	242.0	2.5	1.8	2.6	9	94	571.0	0.79186
T2C 280M–2	90	278.9	161.5	93.0	266.8	153.4	88.9	255.6	147.8	85.2	2960	94.1	94.3	93.2	0.90	290.4	2.5	1.8	2.6	9.5	94	638.0	0.90716
T2C 315S–2	110		196.9	113.4		187.1	108.4		180.3	103.9	2960	94.3	94.5	93.2	0.90	354.9	2.0	1.4	2.3	6	96	927.0	1.50928
T2C 315M–2	132		235.6	135.6		223.8	129.7		215.7	124.3	2960	94.6	94.8	93.4	0.90	425.9	2.0	1.4	2.3	6	96	1006.0	1.67962
T2C 315L1–2	160		284.9	164.0		270.7	156.9		260.9	150.4	2960	94.8	95.0	93.7	0.90	516.2	2.0	1.4	2.3	6	99	1060.0	1.87385
T2C 315L2–2	200		355.4	204.6		337.6	195.7		325.4	187.6	2960	95	95.3	93.9	0.90	645.3	1.8	1.3	2.3	5.5	99	1130.0	2.13283
T2C 355M1–2	220		390.9	225.1		371.4	215.3		358.0	206.3	2960	95	95.5	93.8	0.90	709.8	1.8	1.3	2.3	5.5	103	1590.0	2.95585
T2C 355M2–2	250		444.3	255.8		422.0	244.7		406.8	234.5	2960	95	95.5	93.9	0.90	806.6	1.8	1.3	2.3	5.5	103	1650.0	3.14272
T2C 355L1–2	280		497.6	286.5		472.7	274.0		455.6	262.6	2960	95	95.6	93.9	0.90	903.4	1.8	1.3	2.3	5.5	103	1715.0	3.47911
T2C 355L2–2	315		559.8	322.3		531.8	308.3		512.5	295.4	2960	95	95.6	93.9	0.90	1016.3	1.8	1.3	2.3	5.5	103	1780.0	3.85287
T2C 802–4	0.75	3.48	2.02	1.16	3.33	1.92	1.11	3.19	1.85	1.06	1420	79.6	79.8	77.5	0.71	5.04	2.5	2.1	2.6	5.7	58	16.0	0.00128
T2C 90S–4	1.1	4.99	2.89	1.66	4.78	2.75	1.59	4.58	2.65	1.53	1430	81.4	81.9	79.1	0.71	7.35	2.5	2.1	2.6	6.1	61	20.0	0.00315
T2C 90L–4	1.5	6.42	3.72	2.14	6.15	3.53	2.05	5.89	3.41	1.96	1430	82.8	83.4	80.4	0.74	10.02	2.5	2.0	2.6	6.5	61	24.0	0.00411
T2C 100L1–4	2.2	8.56	4.96	2.85	8.19	4.71	2.73	7.85	4.54	2.62	1430	84.3	85.5	83.6	0.80	14.69	2.2	2.0	2.6	6.6	64	34.0	0.00883
T2C 100L2–4	3	11.5	6.66	3.84	11.0	6.33	3.67	10.6	6.10	3.52	1435	85.5	85.7	83.9	0.80	19.97	2.2	2.0	3.0	7.6	64	35.0	0.01039
T2C 112M–4	4	15.0	8.66	4.99	14.3	8.23	4.77	13.7	7.93	4.57	1435	86.6	87.2	85.5	0.81	26.62	2.2	2.0	3.0	7.9	65	45.0	0.01369
T2C 132S–4	5.5	19.8	11.5	6.61	19.0	10.91	6.32	18.2	10.5	6.06	1440	87.7	89.2	87.1	0.83	36.48	2.2	1.8	3.0	8.8	71	63.0	0.02966
T2C 132M–4	7.5	26.7	15.5	8.91	25.6	14.70	8.52	24.5	14.2	8.17	1440	88.7	89.8	87.5	0.83	49.74	2.2	1.6	3.0	9	71	77.5	0.03981
T2C 132M2–4	9.2	32.4	18.8	10.8	31.0	17.82	10.3	29.7	17.2	9.90	1440	88.7	89.9	87.5	0.84	61.01	2.2	1.6	3.0	8.8	71	85.0	0.04700
T2C 160M–4	11	38.7	22.4	12.9	37.0	21.30	12.3	35.5	20.5	11.8	1440	89.8	91.7	91.0	0.83	72.95	2.5	1.6	2.5	7.1	75	119.0	0.08670
T2C 160L–4	15	49.9	28.9	16.6	47.8	27.47	15.9	45.8	26.5	15.3	1450	90.6	91.3	90.5	0.87	98.79	2.5	1.6	2.5	8.9	75	146.0	0.11272
T2C 180M–4	18.5	61.9	35.8	20.6	59.2	34.05	19.7	56.7	32.8	18.9	1450	91.2	91.8	90.8	0.86	121.8	2.5	1.6	2.8	8.6	76	161.0	0.14084
T2C 180L–4	22	71.6	41.5	23.9	68.5	39.4	22.8	65.7	38.0	21.9	1460	91.6	92.2	91.6	0.88	143.9	2.5	1.6	2.8	8.1	76	176.0	0.16541
T2C 200L–4	30	96.9	56.1	32.3	92.7	53.3	30.9	88.9	51.4	29.6	1460	92.3	92.8	91.9	0.88	196.2	2.5	2.1	3.0	8.5	79	242.0	0.27306
T2C 225S–4	37	119.0	68.9	39.7	113.9	65.5	38.0	109.1	63.1	36.4	1470	92.7	93.9	92.6	0.88	240.4	2.2	1.3	2.3	7.6	81	315.0	0.50439
T2C 225M–4	45	142.5	82.5	47.5	136.3	78.4	45.4	130.6	75.6	43.5	1480	93.1	94.2	92.8	0.89	290.4	2.2	1.3	2.3	7.7	81	340.0	0.59389
T2C 250M–4	55	179.5	103.9	59.8	171.7	98.7	57.2	164.5	95.2	54.8	1480	93.5	94.4	93.6	0.86	354.9	2.5	1.5	2.5	8.6	83	420.0	0.70950
T2C 280S–4	75	232.7	134.7	77.6	222.5	128.0	74.2	213.3	123.3	71.1	1480	94	94.9	93.7	0.90	484.0	2.5	2.0	2.5	9	86	580.0	1.59510
T2C 280M–4	90	278.6	161.3	92.9	266.5	153.2	88.8	255.4	147.7	85.1	1480	94.2	94.9	93.7	0.90	580.7	2.5	2.0	2.5	8.7	86	650.0	1.89187
T2C 315S–4	110		201.0	115.7		190.9	110.7		184.0	106.1	1480	94.5	94.8	93.2	0.88	709.8	2.0	1.3	2.8	7.4	93	938.0	3.09253
T2C 315M–4	132		238.0	137.0		226.1	131.0		217.9	125.6	1480	94.7	95.0	93.6	0.89	851.8	2.0	1.3	2.6	7	93	1030.0	3.48345
T2C 315L1–4	160		287.8	165.7		273.4	158.5		263.5	151.9	1480	94.9	95.0	93.5	0.89	1032.4	2.0	1.3	2.6	6	97	1106.0	3.98390
T2C 315L2–4	200		359.0	206.7		341.1	197.7		328.7	189.5	1480	95.1	95.3	93.9	0.89	1290.5	2.0	1.3	2.3	6	97	1220.0	4.67201
T2C 355M1–4	220		394.9	227.4		375.2	217.5		361.6	208.4	1480	95.1	95.9	94.1	0.89	1419.6	1.8	1.3	2.3	5.5	101	1560.0	6.87200
T2C 355M2–4	250		448.8	258.4		426.3	247.1		410.9	236.9	1480	95.1	95.8	94.0	0.89	1613.2	1.8	1.3	2.3	5.5	101	1600.0	7.63820
T2C 355L1–4	280		502.6	289.4		477.5	276.8		460.2	265.3	1480	95.1	95.9	94.3	0.89	1806.8	1.8	1.3	2.3	5.5	101	1650.0	8.31927

T2C Series IE2 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	Tn (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m^2)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T2C 355L2–4	315		559.2	321.9		531.2	307.9		512.0	295.1	1480	95.1	96.0	94.2	0.90	2032.6	1.8	1.3	2.3	5.5	101	1700.0	9.08547
T2C 355L3–4	355		630.2	362.8		598.7	347.1		577.0	332.6	1480	95.1	96.0	94.2	0.90	2290.7	1.8	1.3	2.3	5.5	101	1780.0	10.10708
T2C 90S–6	0.75	4.05	2.35	1.35	3.88	2.23	1.29	3.71	2.15	1.24	935	75.9	76.4	73.8	0.64	7.66	2.0	1.8	2.2	5	57	19.6	0.00360
T2C 90L–6	1.1	5.44	3.15	1.81	5.20	2.99	1.73	4.98	2.88	1.66	935	78.1	78.6	77.6	0.68	11.24	2.0	1.8	2.2	5	57	23.5	0.00536
T2C 100L–6	1.5	6.76	3.91	2.25	6.46	3.72	2.15	6.19	3.58	2.06	940	79.8	80.2	78.3	0.73	15.24	1.6	1.6	2.2	5	61	32.0	0.00877
T2C 112M–6	2.2	9.80	5.68	3.27	9.38	5.39	3.13	9.0	5.20	3.00	940	81.8	82.5	79.0	0.72	22.35	2.0	1.8	2.5	6	65	39.0	0.01468
T2C 132S–6	3	12.6	7.30	4.20	12.1	6.93	4.02	11.6	6.68	3.85	940	83.3	84.0	82.2	0.75	30.48	1.6	1.5	2.2	6	69	54.0	0.03039
T2C 132M1–6	4	16.8	9.7	5.6	16.0	9.22	5.35	15.4	8.89	5.12	950	84.6	85.1	83.5	0.74	40.21	2.0	1.6	2.5	6	69	65.0	0.03785
T2C 132M2–6	5.5	22.7	13.1	7.6	21.7	12.47	7.23	20.8	12.0	6.93	950	86	86.8	85.4	0.74	55.29	2.0	1.8	2.5	7	69	66.0	0.04890
T2C 160M–6	7.5	31.8	18.4	10.6	30.4	17.5	10.1	29.1	16.9	9.71	960	87.2	88.3	86.7	0.71	74.6	2.5	1.8	2.8	9	73	112.0	0.08726
T2C 160L–6	11	43.4	25.1	14.5	41.5	23.9	13.8	39.8	23.0	13.3	960	88.7	88.6	87.5	0.75	109.4	2.5	1.4	2.8	9	73	132.6	0.12069
T2C 180L–6	15	56.3	32.6	18.8	53.8	30.9	17.9	51.6	29.8	17.2	960	89.7	90.8	89.3	0.78	149.2	2.5	1.5	2.8	9	73	179.0	0.25695
T2C 200L1–6	18.5	67.1	38.9	22.4	64.2	36.9	21.4	61.5	35.6	20.5	970	90.4	91.0	89.8	0.80	182.1	2.0	1.4	2.8	9	76	221.4	0.36147
T2C 200L2–6	22	77.5	44.8	25.8	74.1	42.6	24.7	71.0	41.1	23.7	970	90.9	91.5	90.1	0.82	216.6	2.5	1.8	2.8	10	76	240.6	0.42742
T2C 225M–6	30	101.0	58.5	33.7	96.6	55.6	32.2	92.6	53.5	30.9	975	91.7	92.3	91.2	0.85	293.8	2.5	1.5	2.2	9	76	335.0	0.67058
T2C 250M–6	37	125.4	72.6	41.8	119.9	69.0	40.0	114.9	66.5	38.3	975	92.2	93.0	91.8	0.84	362.4	1.8	1.3	2.2	7	78	391.4	0.99243
T2C 280S–6	45	149.9	86.8	50.0	143.4	82.4	47.8	137.4	79.5	45.8	980	92.7	92.7	91.9	0.85	438.5	2.3	1.4	2.3	8.5	80	514.0	1.78548
T2C 280M1–6	55	180.3	104.4	60.1	172.4	99.2	57.5	165.3	95.6	55.1	980	93.1	93.2	92.2	0.86	536.0	2.5	1.7	2.8	9	80	584.0	2.20792
T2C 315S–6	75		143.1	82.4		135.9	78.8		131.0	75.5	980	93.7	94	92.3	0.85	730.9	2.0	1.3	2.3	7	85	807.0	3.25976
T2C 315M–6	90		171.1	98.5		162.6	94.3		156.7	90.3	980	94	94.6	92.3	0.85	877.0	2.0	1.3	2.3	7	85	913.0	3.90933
T2C 315L1–6	110		208.5	120.0		198.1	114.8		190.9	110.0	980	94.3	94.8	92.4	0.85	1071.9	2.0	1.3	2.3	7	85	966.0	4.54331
T2C 315L2–6	132		249.4	143.6		236.9	137.4		228.4	131.6	980	94.6	94.9	92.4	0.85	1286.3	2.0	1.3	2.3	6.5	85	1080.0	5.53956
T2C 355M1–6	160		301.7	173.7		286.6	166.1		276.2	159.2	980	94.8	94.9	92.5	0.85	1559.2	2.0	1.3	2.3	6.5	92	1537.0	8.97637
T2C 355M2–6	200		376.3	216.7		357.5	207.2		344.6	198.6	980	95	95	92.6	0.85	1949.0	2.0	1.3	2.3	6.5	92	1720.0	11.00175
T2C 355L–6	250		470.4	270.8		446.9	259.1		430.7	248.3	980	95	95.2	92.6	0.85	2436.2	2.0	1.3	2.3	6.5	92	1880.0	13.56011
T2C 801–8	0.18	1.91	1.10	0.64	1.82	1.05	0.61	1.75	1.01	0.58	680	45.9	46.2	45	0.54	2.5	1.5	1.3	1.7	2.8	52	15	0.0022
T2C 802–8	0.25	2.40	1.39	0.80	2.30	1.32	0.77	2.20	1.27	0.73	680	50.6	51	46.2	0.54	3.5	1.6	1.3	2	2.7	52	16.3	0.00256
T2C 90S–8	0.37	3.21	1.86	1.07	3.07	1.76	1.02	2.94	1.70	0.98	680	56.1	56.5	55.3	0.54	5.2	1.6	1.3	1.8	2.8	56	19.8	0.00345
T2C 90L–8	0.55	4.33	2.51	1.44	4.14	2.38	1.38	3.97	2.30	1.32	680	61.7	62	60.2	0.54	7.7	1.6	1.3	1.8	3	56	22.5	0.00474
T2C 100L1–8	0.75	5.51	3.19	1.84	5.27	3.03	1.76	5.05	2.92	1.68	710	66.2	66.5	64.8	0.54	10.1	1.7	1.3	2.1	3.5	59	28.8	0.00708
T2C 100L2–8	1.1	7.55	4.37	2.52	7.22	4.15	2.41	6.92	4.00	2.31	710	70.8	71.3	69.1	0.54	14.8	1.7	1.3	2.1	3.5	59	31.5	0.00952
T2C 112M–8	1.5	9.66	5.59	3.22	9.24	5.31	3.08	8.85	5.12	2.95	710	74.1	74.4	70.2	0.55	20.2	1.8	1.2	2.1	4.2	61	39	0.01597
T2C 132S–8	2.2	11.8	6.84	3.94	11.3	6.50	3.77	10.8	6.26	3.61	720	77.6	77.9	75.3	0.63	29.2	2	1.2	2	5.5	64	60	0.03506
T2C 132M–8	3	15.6	9.04	5.21	14.9	8.59	4.98	14.3	8.28	4.77	720	80	80.7	78.6	0.63	39.8	2	1.2	2	5.5	64	73.5	0.04653
T2C 160M1–8	4	19.7	11.4	6.57	18.9	10.8	6.29	18.1	10.5	6.03	730	81.9	82	80.5	0.65	52.3	1.9	1.2	2.1	6	68	108	0.07851
T2C 160M2–8	5.5	26.5	15.3	8.83	25.3	14.6	8.45	24.3	14.0	8.10	730	83.8	84	82.6	0.65	72.0	2	1.2	2.2	6	68	125	0.09359
T2C 160L–8	7.5	35.5	20.6	11.8	34.0	19.5	11.3	32.5	18.8	10.8	730	85.3	85.5	83.6	0.65	98.1	1.9	1.2	2.2	6	68	136.5	0.10901
T2C 180L–8	11	44.3	25.6	14.8	42.4	24.4	14.1	40.6	23.5	13.5	730	86.9	87	84.8	0.75	143.9	2	1.2	2	6.6	70	170	0.2644
T2C 200L–8	15	54.6	31.6	18.2	52.2	30.0	17.4	50.0	28.9	16.7	730	88	88.3	86.7	0.82	196.2	2	1.2	2	6.6	73	223	0.37195
T2C 225S–8	18.5	68.5	39.7	22.8	65.5	37.7	21.8	62.8	36.3	20.9	735	88.6	89	87.1	0.8	240.4	1.9	1	2	6.6	73	295	0.505
T2C 225M–8	22	81.0	46.9	27.0	77.5	44.5	25.8	74.2	42.9	24.7	735	89.1	89.6	88	0.8	285.9	1.9	1	2	6.6	73	328	0.6059
T2C 250M–8	30	109.6	63.4	36.5	104.8	60.3	34.9	100.5	58.1	33.5	735	89.8	90	89	0.8	389.8	1.9	1	2	6.6	75	403	1.0467
T2C 280S–8	37	132.8	76.9	44.3	127.0	73.0	42.3	121.7	70.4	40.6	740	90.3	90.6	89.2	0.81	477.5	1.9	1	2	6.6	76	532	1.9446
T2C 280M–8	45	160.7	93.1	53.6	153.8	88.4	51.3	147.4	85.2	49.1	740	90.7	91	90	0.81	580.7	1.9	1	2	6.6	76	587	2.32562
T2C 315S–8	55		113.4	65.3		107.7	62.4		103.8	59.8	740	91	91.2	90.6	0.81	709.8	1.8	1	2	6.6	82	889	4.0067
T2C 315M–8	75		153.6	88.4		145.9	84.6		140.6	81.1	740	91.6	91.9	90.8	0.81	967.9	1.8	1	2	6.6	82	1026	5.4206
T2C 315L1–8	90		183.7	105.8		174.5	101.2		168.2	97.0	740	91.9	92	91.1	0.81	1161.5	1.8	1	2	6.6	82	1125	6.4457
T2C 315L2–8	110		223.5	128.7		212.4	123.1		204.7	118.0	740	92.3	92.5	91.5	0.81	1419.6	1.8	1	2	6.5	82	1245	7.6573
T2C 355M1–8	132		267.4	154.0		254.0	147.3		244.8	141.1	740	92.6	92.7	91.8	0.81	1703.5	1.8	1	2	6.4	90	1576	9.127
T2C 355M2–8	160		322.7	185.8		306.6	177.7		295.5	170.3	740	93	93.6	92	0.81	2064.9	1.8	1	2	6.4	90	1628	10.3336
T2C 355L–8	200		401.2	231.0		381.2	221.0		367.4	211.8	740	93.5	93.6	92.6	0.81	2581.1	1.8	1	2	6.4	90	1816	12.895

T3C Series IE3 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	T_n (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m²)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T3C 801–2	0.75	3.05	1.77	1.02	2.92	1.68	0.97	2.79	1.62	0.93	2880	80.7	81.0	76.2	0.80	2.49	2.5	2.1	2.8	7.5	67	15.20	0.00093
T3C 802–2	1.1	4.36	2.53	1.45	4.17	2.40	1.39	4.00	2.31	1.33	2880	82.7	83.5	81.6	0.80	3.65	2.5	1.8	2.8	8	67	17.10	0.00128
T3C 90S–2	1.5	5.57	3.22	1.86	5.32	3.06	1.77	5.10	2.95	1.70	2880	84.2	84.9	84.0	0.84	4.97	2.5	1.8	2.8	8.5	72	21.5	0.00224
T3C 90L–2	2.2	8.10	4.69	2.70	7.75	4.45	2.58	7.42	4.29	2.47	2880	85.9	86.4	84.7	0.83	7.30	2.5	1.8	2.8	8.6	72	24.6	0.00279
T3C 100L–2	3	10.3	5.95	3.42	9.82	5.65	3.27	9.42	5.45	3.14	2900	87.1	88.5	86.8	0.88	9.88	2.5	2.0	2.8	9.5	76	35.5	0.00496
T3C 112M–2	4	13.2	7.66	4.41	12.7	7.28	4.22	12.1	7.02	4.05	2910	88.1	88.5	87.1	0.90	13.13	2.5	2.0	2.8	10.5	77	44.5	0.00744
T3C 132S1–2	5.5	18.4	10.6	6.13	17.6	10.1	5.86	16.9	9.75	5.62	2910	89.2	90.2	88.6	0.88	18.05	2.5	2.0	3.0	10	80	63.2	0.01468
T3C 132S2–2	7.5	24.5	14.2	8.18	23.5	13.5	7.83	22.5	13.0	7.50	2920	90.1	90.8	89.3	0.89	24.53	2.5	1.5	3.0	10	80	70.2	0.01903
T3C 132M1–2	9.2	29.9	17.3	9.98	28.6	16.5	9.55	27.4	15.9	9.15	2920	90.6	91.2	89.5	0.89	30.09	2.5	1.5	3.0	10	80	76.8	0.02048
T3C 160M1–2	11	35.2	20.4	11.7	33.6	19.34	11.2	32.2	18.6	10.7	2930	91.2	93.8	93.0	0.90	35.85	2.5	1.4	3.0	9.5	86	118	0.05178
T3C 160M2–2	15	47.6	27.6	15.9	45.5	26.18	15.2	43.6	25.2	14.5	2940	91.9	93.1	92.9	0.90	48.72	2.5	1.4	3.0	10	86	128	0.06206
T3C 160L–2	18.5	57.7	33.4	19.2	55.2	31.76	18.4	52.9	30.6	17.6	2940	92.4	93.5	93.3	0.91	60.09	2.5	1.4	3.0	9.5	86	144	0.07669
T3C 180M–2	22	70.0	40.5	23.3	66.9	38.5	22.3	64.1	37.1	21.4	2945	92.7	94.1	93.6	0.89	71.34	2.5	1.4	3.0	9	89	183.40	0.09665
T3C 200L1–2	30	94.8	54.9	31.6	90.7	52.1	30.2	86.9	50.3	29.0	2945	93.3	93.8	93.2	0.89	97.3	2.5	1.5	2.5	8.5	92	247	0.17351
T3C 200L2–2	37	116.4	67.4	38.8	111.4	64.0	37.1	106.7	61.7	35.6	2945	93.7	94.4	94.2	0.89	120.0	2.5	1.5	2.5	8.5	92	268	0.20008
T3C 225M–2	45	138.1	79.9	46.0	132.1	75.9	44.0	126.6	73.2	42.2	2950	94	94.6	94.1	0.91	145.7	2.5	1.4	2.5	8.5	92	369	0.34366
T3C 250M–2	55	170.1	98.5	56.7	162.7	93.5	54.2	155.9	90.2	52.0	2960	94.3	94.5	93.1	0.90	177.4	2.5	1.4	2.6	10	93	428	0.44434
T3C 280S–2	75	228.4	132.2	76.1	218.5	125.6	72.8	209.4	121.1	69.8	2960	94.7	94.9	93.7	0.91	242.0	2.5	1.8	2.6	10	94	587	0.82911
T3C 280M–2	90	273.2	158.2	91.1	261.3	150.3	87.1	250.4	144.8	83.5	2960	95	95.2	94.3	0.91	290.4	2.5	1.8	2.6	10	94	655	0.98168
T3C 315S–2	110		195.1	112.3		185.3	107.4		178.6	102.9	2960	95.2	95.5	94.6	0.90	354.9	2.0	1.4	2.3	7	96	980	1.70352
T3C 315M–2	132		233.6	134.5		221.9	128.6		213.9	123.3	2960	95.4	95.5	94.7	0.90	425.9	2.0	1.4	2.3	7	96	1100	1.93860
T3C 315L1–2	160		281.9	162.3		267.8	155.3		258.2	148.8	2960	95.8	95.8	94.5	0.90	516.2	2.0	1.4	2.3	7	99	1155	2.19758
T3C 315L2–2	200		352.4	202.9		334.8	194.1		322.7	186.0	2960	95.8	96.0	94.7	0.90	645.3	2.0	1.4	2.3	7	99	1260	2.55368
T3C 355M1–2	220		415.4	239.2		394.6	228.8		380.3	219.2	2960	95.8	96.2	94.8	0.84	709.8	2.0	1.5	2.3	6.5	103	1590	2.95585
T3C 355M2–2	250		472.0	271.8		448.4	259.9		432.2	249.1	2960	95.8	96.2	94.8	0.84	806.6	2.0	1.5	2.3	6.5	103	1650	3.14272
T3C 355L1–2	280		528.7	304.4		502.2	291.1		484.1	279.0	2960	95.8	96.2	94.8	0.84	903.4	2.0	1.5	2.3	6.5	103	1715	3.47911
T3C 355L2–2	315		587.7	338.4		558.3	323.7		538.2	310.2	2960	95.8	96.2	94.8	0.85	1016.3	2.0	1.5	2.3	6.5	103	1780	3.85287
T3C 802–4	0.75	3.46	2.00	1.15	3.31	1.90	1.10	3.17	1.83	1.06	1420	82.5	82.8	80.6	0.69	5.04	2.8	2.2	2.8	6.3	58	18.2	0.00155
T3C 90S–4	1.1	4.77	2.76	1.59	4.56	2.62	1.52	4.37	2.53	1.46	1430	84.1	84.6	83.2	0.72	7.35	2.8	2.2	2.8	6.8	61	23.0	0.00372
T3C 90L–4	1.5	6.59	3.82	2.20	6.31	3.63	2.10	6.04	3.49	2.01	1430	85.3	86.1	85.2	0.70	10.02	2.8	2.2	3.0	7.3	61	26.3	0.00469
T3C 100L1–4	2.2	8.22	4.76	2.74	7.86	4.52	2.62	7.54	4.36	2.51	1430	86.7	87.8	85.2	0.81	14.69	2.8	2.2	3.0	8	64	35.5	0.00922
T3C 100L2–4	3	11.5	6.66	3.84	11.0	6.33	3.67	10.6	6.10	3.52	1435	87.7	88.0	85.9	0.78	19.97	2.5	2.2	3.0	8.2	64	38.5	0.01195
T3C 112M–4	4	14.4	8.37	4.82	13.8	7.95	4.61	13.2	7.66	4.41	1440	88.6	88.9	87.5	0.82	26.53	2.5	2.2	3.0	8.6	65	47.0	0.01545
T3C 132S–4	5.5	19.4	11.2	6.47	18.6	10.7	6.19	17.8	10.3	5.93	1440	89.6	90.9	88.9	0.83	36.48	2.5	1.8	3.0	9	71	68.3	0.03397
T3C 132M–4	7.5	25.6	14.8	8.54	24.5	14.1	8.17	23.5	13.6	7.83	1440	90.4	91.3	91.2	0.85	49.74	2.5	1.6	3.0	9	71	79.0	0.04412
T3C 132M2–4	9.2	31.2	18.1	10.4	29.9	17.2	10.0	28.6	16.6	9.55	1440	90.9	91.8	90.5	0.85	61.01	2.5	1.6	3.0	9	71	87.5	0.04700
T3C 160M–4	11	37.6	21.8	12.5	36.0	20.7	12.0	34.5	19.9	11.5	1450	91.4	92.2	91.7	0.84	72.45	2.5	1.3	3.0	10	75	127.0	0.10355
T3C 160L–4	15	49.7	28.8	16.6	47.5	27.3	15.8	45.6	26.3	15.2	1450	92.1	92.9	92.2	0.86	98.8	2.5	1.3	2.8	8.5	75	160.0	0.13750
T3C 180M–4	18.5	61.0	35.3	20.3	58.3	33.5	19.4	55.9	32.3	18.6	1460	92.6	93.6	93.0	0.86	121.0	2.5	1.8	3.0	9	76	169.4	0.15530
T3C 180L–4	22	71.4	41.3	23.8	68.3	39.2	22.8	65.4	37.8	21.8	1460	93	93.7	92.9	0.87	143.9	2.5	1.8	3.0	10	76	196.0	0.19433
T3C 200L–4	30	103.8	60.1	34.6	99.3	57.1	33.1	95.2	55.0	31.7	1470	93.6	93.7	93.2	0.81	194.9	2.5	1.8	2.8	9	79	252.0	0.29441
T3C 225S–4	37	118.9	68.8	39.6	113.7	65.4	37.9	109.0	63.0	36.3	1470	93.9	95.2	94.3	0.87	240.4	2.5	1.4	2.5	9.2	81	324.5	0.57838
T3C 225M–4	45	144.1	83.4	48.0	137.8	79.3	45.9	132.1	76.4	44.0	1470	94.2	95.2	94.5	0.87	292.3	2.5	1.5	2.5	9	81	352.9	0.65309
T3C 250M–4	55	173.4	100.4	57.8	165.8	95.4	55.3	158.9	91.9	53.0	1470	94.6	95.2	94.5	0.88	357.3	2.5	1.8	2.5	8.5	83	427.4	0.76504
T3C 280S–4	75	238.1	137.9	79.4	227.8	131.0	75.9	218.3	126.2	72.8	1480	95	95.1	94.8	0.87	484.0	2.5	1.8	2.8	10	86	673.3	1.99603
T3C 280M–4	90	291.9	169.0	97.3	279.2	160.5	93.1	267.6	154.7	89.2	1480	95.2	95.1	95.0	0.85	580.7	2.5	1.8	2.8	10	86	692	2.18345
T3C 315S–4	110		199.1	114.6		189.1	109.6		182.3	105.1	1480	95.4	95.7	94.6	0.88	709.8	2.2	1.5	2.6	9	93	1027	3.71808
T3C 315M–4	132		238.4	137.3		226.5	131.3		218.3	125.8	1480	95.6	95.8	95.0	0.88	851.8	2.2	1.5	2.6	9	93	1155	4.29667
T3C 315L1–4	160		288.4	166.0		273.9	158.8		264.0	152.2	1480	95.8	96.0	95.1	0.88	1032.4	2.2	1.5	2.6	9	97	1240	5.10990
T3C 315L2–4	200		355.7	204.8		337.9	195.9		325.7	187.7	1480	96	96.2	95.3	0.89	1290.5	2.2	1.5	2.6	9	97	1400	6.17334
T3C 355M1–4	220		391.2	225.2		371.7	215.5		358.2	206.5	1480	96	96.2	95.3	0.89	1419.6	2.0	1.3	2.3	8	101	1560	7.04227
T3C 355M2–4	250		444.6	256.0		422.3	244.8		407.1	234.6	1480	96	96.3	95.4	0.89	1613.2	2.0	1.3	2.3	8	101	1600	7.63820

T3C Series IE3 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	T_n (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m^2)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T3C 355L1–4	280		497.9	286.7		473.0	274.2		455.9	262.8	1480	96	96.4	95.4	0.89	1806.8	2.0	1.3	2.3	8	101	1650	8.31927
T3C 355L2–4	315		560.2	322.5		532.1	308.5		512.9	295.6	1480	96	96.3	95.5	0.89	2032.6	2.0	1.3	2.3	8	101	1700	9.34080
T3C 90S–6	0.75	3.72	2.16	1.24	3.56	2.05	1.19	3.41	1.97	1.14	935	78.9	79.6	77.2	0.67	7.66	2.0	1.8	2.2	5	57	21.50	0.00435
T3C 90L–6	1.1	5.40	3.13	1.80	5.17	2.97	1.72	4.95	2.86	1.65	940	81	81.5	80.2	0.66	11.18	2.3	1.8	2.2	5.2	57	25.50	0.00611
T3C 100L–6	1.5	6.45	3.73	2.15	6.17	3.55	2.06	5.91	3.42	1.97	940	82.5	83.0	81.6	0.74	15.24	2.0	1.7	2.2	5.2	61	33.50	0.00972
T3C 112M–6	2.2	9.78	5.66	3.26	9.36	5.38	3.12	8.97	5.19	2.99	940	84.3	85.0	83.2	0.70	22.35	2.0	1.8	2.2	6.2	65	40.00	0.01637
T3C 132S–6	3	12.4	7.20	4.14	11.9	6.84	3.96	11.4	6.59	3.80	940	85.6	86.1	84.5	0.74	30.48	2.0	1.7	2.2	6	69	59.00	0.03223
T3C 132M1–6	4	16.3	9.46	5.45	15.6	8.99	5.21	15.0	8.66	4.99	950	86.8	87.6	85.2	0.74	40.21	2.0	1.6	2.5	7	69	75.50	0.04338
T3C 132M2–6	5.5	23.1	13.4	7.70	22.1	12.7	7.37	21.2	12.2	7.06	950	88	88.8	86.9	0.71	55.29	2.3	1.8	2.5	7.5	69	76.30	0.05443
T3C 160M–6	7.5	29.5	17.1	9.82	28.2	16.2	9.39	27.0	15.6	9.00	960	89.1	90.3	88.0	0.75	74.6	2.3	1.4	2.8	7.5	73	112	0.08726
T3C 160L–6	11	42.1	24.4	14.0	40.2	23.1	13.4	38.6	22.3	12.9	960	90.3	91.2	88.5	0.76	109.4	2.5	1.4	2.8	8.5	73	134	0.13544
T3C 180L–6	15	54.6	31.6	18.2	52.3	30.1	17.4	50.1	29.0	16.7	960	91.2	92.0	90.3	0.79	149.2	2.5	1.4	2.8	8	73	185	0.27973
T3C 200L1–6	18.5	66.2	38.3	22.1	63.3	36.4	21.1	60.7	35.1	20.2	970	91.7	92.3	90.6	0.80	182.1	2.5	1.4	2.8	9.5	76	231	0.38345
T3C 200L2–6	22	77.3	44.8	25.8	73.9	42.5	24.6	70.9	41.0	23.6	970	92.2	93.0	91.3	0.81	216.6	2.5	1.5	2.8	10	76	249	0.44941
T3C 225M–6	30	96.3	55.8	32.1	92.1	53.0	30.7	88.3	51.1	29.4	975	92.9	93.8	90.9	0.88	293.8	1.8	1.5	2.2	7	76	339	0.67058
T3C 250M–6	37	122.4	70.9	40.8	117.1	67.3	39.0	112.2	64.9	37.4	975	93.3	94.0	91.8	0.85	362.4	1.8	1.3	2.0	7	78	399.4	0.99243
T3C 280S–6	45	151.8	87.9	50.6	145.2	83.5	48.4	139.2	80.5	46.4	980	93.7	94.6	92.7	0.83	438.5	2.5	1.8	2.8	10	80	551	2.20274
T3C 280M1–6	55	180.5	104.5	60.2	172.6	99.3	57.5	165.4	95.7	55.1	980	94.1	95.0	93.4	0.85	536.0	2.5	1.8	2.8	10	80	624.3	2.57302
T3C 315S–6	75		146.9	84.6		139.6	80.9		134.5	77.5	980	94.6	94.8	93.2	0.82	730.9	2.0	1.3	2.3	7.5	85	860	3.80317
T3C 315M–6	90		175.7	101.2		166.9	96.8		160.9	92.7	980	94.9	95	93.4	0.82	877.0	2.0	1.3	2.3	7.5	85	970	4.45274
T3C 315L1–6	110		214.3	123.4		203.6	118.0		196.2	113.1	980	95.1	95.4	94	0.82	1071.9	2.0	1.3	2.3	7.5	85	1070	5.53956
T3C 315L2–6	132		256.4	147.6		243.6	141.2		234.7	135.3	980	95.4	95.7	94.2	0.82	1286.3	2.0	1.3	2.3	7.5	85	1196	6.62638
T3C 355M1–6	160		310.1	178.5		294.6	170.8		283.9	163.7	980	95.6	95.8	94.3	0.82	1559.2	2.0	1.3	2.3	7.5	92	1537	8.97637
T3C 355M2–6	200		386.8	222.7		367.5	213.0		354.2	204.2	980	95.8	95.8	94.3	0.82	1949.0	2.0	1.3	2.3	7.5	92	1720	11.00175
T3C 355L1–6	220		425.5	245.0		404.2	234.3		389.6	224.6	980	95.8	96	94.2	0.82	2143.9	2.0	1.3	2.3	7.5	92	1800	11.64134
T3C 355L–6	250		483.5	278.4		459.3	266.3		442.7	255.2	980	95.8	96	94.3	0.82	2436.2	2.0	1.3	2.3	7.5	92	1880	13.56011
T3C 801–8	0.18	1.49	0.86	0.50	1.43	0.82	0.48	1.37	0.79	0.46	680	58.7	59.5	56.5	0.54	2.5	1.5	1.3	1.7	2.8	52	16	0.00224
T3C 802–8	0.25	1.90	1.10	0.63	1.81	1.04	0.60	1.74	1.00	0.58	680	64.1	65	63.1	0.54	3.5	1.6	1.3	2	2.7	52	17	0.00261
T3C 90S–8	0.37	2.59	1.50	0.86	2.48	1.43	0.83	2.38	1.38	0.79	680	69.3	70	68.5	0.54	5.2	1.6	1.3	1.8	2.8	56	20.2	0.00352
T3C 90L–8	0.55	3.66	2.12	1.22	3.50	2.01	1.17	3.36	1.94	1.12	680	73	73.5	72	0.54	7.7	1.6	1.3	1.8	3	56	23	0.00484
T3C 100L1–8	0.75	4.86	2.81	1.62	4.65	2.67	1.55	4.45	2.58	1.48	710	75	75.3	74.2	0.54	10.1	1.7	1.3	2.1	3.5	59	29.4	0.00722
T3C 100L2–8	1.1	6.88	3.98	2.29	6.58	3.78	2.19	6.31	3.65	2.10	710	77.7	78.1	77.2	0.54	14.8	1.7	1.3	2.1	3.5	59	32.5	0.00971
T3C 112M–8	1.5	8.98	5.20	2.99	8.59	4.94	2.86	8.23	4.76	2.74	710	79.7	80.2	78.5	0.55	20.2	1.8	1.2	2.1	4.2	61	40	0.01630
T3C 132S–8	2.2	11.2	6.48	3.73	10.7	6.15	3.57	10.3	5.93	3.42	720	81.9	82.1	81.3	0.63	29.2	2	1.2	2	5.5	64	61	0.03578
T3C 132M–8	3	15.0	8.66	4.99	14.3	8.23	4.77	13.7	7.93	4.57	720	83.5	83.6	82.5	0.63	39.8	2	1.2	2	5.5	64	75	0.04748
T3C 160M1–8	4	19.0	11.0	6.35	18.2	10.5	6.07	17.5	10.1	5.82	730	84.8	85.1	84	0.65	52.3	1.9	1.2	2.1	6	68	115	0.08001
T3C 160M2–8	5.5	25.8	14.9	8.59	24.6	14.2	8.21	23.6	13.7	7.87	730	86.2	86.5	85.9	0.65	72.0	2	1.2	2.2	6	68	131	0.09550
T3C 160L–8	7.5	34.7	20.1	11.6	33.2	19.1	11.1	31.8	18.4	10.6	730	87.3	87.5	86.8	0.65	98.1	1.9	1.2	2.2	6	68	143	0.11123
T3C 180L–8	11	43.4	25.2	14.5	41.6	23.9	13.9	39.8	23.0	13.3	730	88.6	88.9	88.1	0.75	143.9	2	1.2	2	6.6	70	179	0.26980
T3C 200L–8	15	53.6	31.0	17.9	51.2	29.5	17.1	49.1	28.4	16.4	730	89.6	90	89.2	0.82	196.2	2	1.2	2	6.6	73	231	0.37954
T3C 225S–8	18.5	67.4	39.0	22.5	64.4	37.0	21.5	61.7	35.7	20.6	735	90.1	90.4	89.5	0.8	240.4	1.9	1	2	6.6	73	309	0.51532
T3C 225M–8	22	79.7	46.1	26.6	76.2	43.8	25.4	73.0	42.2	24.3	735	90.6	90.8	90	0.8	285.9	1.9	1	2	6.6	73	339	0.61829
T3C 250M–8	30	107.8	62.4	35.9	103.1	59.3	34.4	98.8	57.1	32.9	735	91.3	91.5	90.8	0.8	389.8	1.9	1	2	6.6	75	420	1.07109
T3C 280S–8	37	135.6	78.5	45.2	129.7	74.6	43.2	124.3	71.9	41.4	740	91.8	92	91.3	0.78	477.5	1.9	1	2	6.6	76	549	1.98428
T3C 280M–8	45	164.2	95.1	54.7	157.1	90.3	52.4	150.5	87.1	50.2	740	92.2	92.3	91.8	0.78	580.7	1.9	1	2	6.6	76	603	2.37308
T3C 315S–8	55		112.9	65.0		107.3	62.2		103.4	59.6	740	92.5	92.6	92	0.8	709.8	1.8	1	2	6.6	82	903	4.08842
T3C 315M–8	75		153.0	88.1		145.3	84.3		140.1	80.7	740	93.1	93.3	92.6	0.8	967.9	1.8	1	2	6.6	82	1071	5.53125
T3C 315L1–8	90		183.0	105.4		173.9	100.8		167.6	96.6	740	93.4	93.5	92.8	0.8	1161.5	1.8	1	2	6.6	82	1155	6.57731
T3C 315L2–8	110		223.0	128.4		211.8	122.8		204.2	117.7	740	93.7	93.8	93	0.8	1419.6	1.8	1	2	6.4	82	1260	7.81357
T3C 355M1–8	132		266.7	153.6		253.4	146.9		244.2	140.8	740	94	94.1	93.3	0.8	1703.5	1.8	1	2	6.4	90	1585	9.31327
T3C 355M2–8	160		322.2	185.5		306.1	177.5		295.1	170.1	740	94.3	94.5	93.8	0.8	2064.9	1.8	1	2	6.4	90	1650	10.54448
T3C 355L–8	200		401.5	231.2		381.4	221.1		367.7	211.9	740	94.6	94.5	94	0.8	2581.1	1.8	1	2	6.4	90	1830	12.89498

T4C Series IE4 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	T_n (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m^2)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T4C 801–2	0.75	2.84	1.64	0.95	2.72	1.56	0.91	2.60	1.51	0.87	2920	83.5	83.7	82	0.83	2.45	2.2	1.5	2.3	8.5	62	16	0.001378
T4C 802–2	1.1	4.08	2.36	1.36	3.90	2.25	1.30	3.74	2.16	1.25	2920	85.2	85.4	84.5	0.83	3.6	2.2	1.5	2.3	8.5	62	17	0.001786
T4C 90S–2	1.5	5.35	3.10	1.78	5.12	2.94	1.71	4.91	2.84	1.64	2940	86.5	86.7	86.4	0.85	4.87	2.2	1.5	2.3	9	67	23	0.002641
T4C 90L–2	2.2	7.63	4.42	2.54	7.30	4.20	2.43	6.99	4.04	2.33	2940	88	88.3	87.8	0.86	7.15	2.2	1.4	2.3	9	67	26	0.003579
T4C 100L–2	3	10.2	5.88	3.39	9.71	5.59	3.24	9.31	5.38	3.10	2945	89.1	89.3	88.9	0.87	9.73	2.2	1.4	2.3	9.5	74	37	0.005759
T4C 112M–2	4	13.3	7.67	4.42	12.7	7.3	4.23	12.1	7.03	4.05	2945	90	90.2	89.8	0.88	13	2.2	1.4	2.3	9.5	77	46	0.009727
T4C 132S1–2	5.5	18.0	10.4	6.01	17.3	9.9	5.75	16.5	9.57	5.51	2950	90.9	91.2	90.7	0.88	17.8	2	1.2	2.3	9.5	79	67	0.028403
T4C 132S2–2	7.5	24.1	14.0	8.04	23.1	13.3	7.69	22.1	12.8	7.37	2950	91.7	92	91.5	0.89	24.3	2	1.2	2.3	9.5	79	77	0.034884
T4C 160M1–2	11	35.0	20.3	11.7	33.5	19.3	11.2	32.1	18.6	10.7	2960	92.6	92.8	92.5	0.89	35.5	2	1.2	2.3	9.5	81	132	0.069511
T4C 160M2–2	15	47.4	27.4	15.8	45.3	26.1	15.1	43.5	25.1	14.5	2960	93.3	93.5	93.1	0.89	48.42	2	1.2	2.3	9.5	81	149	0.084762
T4C 160L–2	18.5	58.2	33.7	19.4	55.7	32.0	18.6	53.4	30.9	17.8	2965	93.7	93.9	93.6	0.89	59.6	2	1.1	2.3	9.5	81	172	0.102457
T4C 180M–2	22	69.0	40.0	23.0	66.0	38.0	22.0	63.3	36.6	21.1	2965	94	94.2	93.8	0.89	70.9	2	1.1	2.3	9.5	83	194	0.163272
T4C 200L1–2	30	93.6	54.2	31.2	89.5	51.5	29.8	85.8	49.6	28.6	2970	94.5	94.7	94.3	0.89	96.5	2	1.1	2.3	9	84	254	0.266942
T4C 200L2–2	37	115.1	66.6	38.4	110.1	63.3	36.7	105.5	61.0	35.2	2970	94.8	95	94.7	0.89	119	2	1.1	2.3	9	84	280	0.303129
T4C 225M–2	45	139.7	80.9	46.6	133.6	76.8	44.5	128.0	74.0	42.7	2975	95	95.2	94	0.89	144.5	2	1	2.3	9	86	372	0.393325
T4C 250M–2	55	170.2	98.5	56.7	162.8	93.6	54.3	156.0	90.2	52.0	2980	95.3	95.5	94.3	0.89	176.3	2	1	2.3	9	89	483	1.04404
T4C 280S–2	75	231.3	133.9	77.1	221.3	127.2	73.8	212.1	122.6	70.7	2980	95.6	95.8	95	0.89	240.46	1.8	0.9	2.3	8.5	91	554	1.26700
T4C 280M–2	90	277.0	160.4	92.3	265.0	152.4	88.3	253.9	146.9	84.6	2980	95.8	95.9	95.2	0.89	288.55	1.8	0.9	2.3	8.5	91	669	1.49469
T4C 315S–2	110		195.6	112.6		185.8	107.7		179.1	103.2	2980	96	96.1	95.6	0.89	352.67	1.8	0.9	2.3	8.5	92	979	2.03578
T4C 315M–2	132		234.2	134.9		222.5	129.0		214.5	123.6	2980	96.2	96.2	95.7	0.89	423.2	1.8	0.9	2.3	8.5	92	1017	2.35199
T4C 315L1–2	160		283.6	163.3		269.5	156.2		259.7	149.7	2980	96.3	96.3	95.8	0.89	513	1.8	0.9	2.2	8.5	92	1079	2.72022
T4C 315L2–2	200		353.8	203.7		336.1	194.9		324.0	186.7	2980	96.5	96.5	96	0.89	641.2	1.8	0.8	2.2	8.5	92	1237	3.27257
T4C 355M–2	250		442.3	254.6		420.1	243.6		405.0	233.4	2980	96.5	96.5	96	0.89	801.5	1.6	0.8	2.2	8.5	97	1752	4.48102
T4C 355L–2	315		557.2	320.8		529.4	306.9		510.3	294.1	2980	96.5	96.5	96	0.89	1009.9	1.6	0.8	2.2	8.5	97	1977	5.60411
T4C 802–4	0.75	3.10	1.80	1.03	2.97	1.71	0.99	2.84	1.65	0.95	1435	85.7	85.9	83.9	0.74	4.99	2.3	1.6	2.3	8.5	56	18	0.003014
T4C 90S–4	1.1	4.41	2.56	1.47	4.22	2.43	1.41	4.05	2.34	1.35	1445	87.2	87.4	85.7	0.75	7.27	2.3	1.6	2.3	8.5	59	24	0.004870
T4C 90L–4	1.5	5.87	3.40	1.96	5.62	3.23	1.87	5.38	3.11	1.79	1445	88.2	88.4	87.1	0.76	9.92	2.3	1.6	2.3	9	59	30	0.006462
T4C 100L1–4	2.2	8.17	4.73	2.72	7.81	4.49	2.60	7.49	4.33	2.50	1450	89.5	89.7	88.4	0.79	14.5	2.3	1.5	2.3	9	64	37	0.013232
T4C 100L2–4	3	10.9	6.30	3.63	10.4	5.99	3.47	10.0	5.77	3.33	1450	90.4	90.6	90	0.8	19.77	2.3	1.5	2.3	9.5	64	40	0.018299
T4C 112M–4	4	14.4	8.34	4.80	13.8	7.92	4.59	13.2	7.64	4.40	1465	91.1	91.3	90.9	0.8	26.1	2.3	1.5	2.3	9.5	65	61	0.023619
T4C 132S–4	5.5	19.6	11.4	6.54	18.8	10.8	6.26	18.0	10.4	6.00	1470	91.9	92.1	91.5	0.8	35.75	2	1.4	2.3	9.5	71	73	0.062668
T4C 132M–4	7.5	26.2	15.2	8.75	25.1	14.4	8.37	24.1	13.9	8.02	1470	92.6	92.8	92	0.81	48.75	2	1.4	2.3	9.5	71	89	0.071550
T4C 160M–4	11	37.3	21.6	12.4	35.7	20.5	11.9	34.2	19.8	11.4	1475	93.3	93.5	92.8	0.83	71.25	2	1.4	2.3	9.5	73	143	0.144332
T4C 160L–4	15	49.9	28.9	16.6	47.7	27.4	15.9	45.7	26.5	15.2	1475	93.9	94.1	92.8	0.84	97.16	2	1.4	2.3	9.5	73	163	0.183746
T4C 180M–4	18.5	60.6	35.1	20.2	58.0	33.3	19.3	55.6	32.1	18.5	1475	94.2	94.4	93.6	0.85	119.83	2	1.2	2.3	9.5	76	192	0.265560
T4C 180L–4	22	71.9	41.6	24.0	68.8	39.5	22.9	65.9	38.1	22.0	1475	94.5	94.7	93.8	0.85	142.5	2	1.2	2.3	9.5	76	212	0.302770
T4C 200L–4	30	97.6	56.5	32.5	93.4	53.7	31.1	89.5	51.7	29.8	1480	94.9	95.2	94	0.85	193.67	2	1.2	2.3	9	76	281	0.565734
T4C 225S–4	37	120.0	69.5	40.0	114.8	66.0	38.3	110.0	63.6	36.7	1480	95.2	95.4	94.6	0.85	238.85	2	1.2	2.3	9	78	344	0.793793
T4C 225M–4	45	145.6	84.3	48.5	139.3	80.1	46.4	133.5	77.2	44.5	1480	95.4	95.6	95	0.85	290.5	2	1.1	2.3	9	78	386	0.869477
T4C 250M–4	55	175.4	101.5	58.5	167.8	96.5	55.9	160.8	93.0	53.6	1480	95.7	95.9	95.3	0.86	355	2	1.1	2.3	9	79	487	1.43506
T4C 280S–4	75	235.7	136.4	78.6	225.4	129.6	75.1	216.0	124.9	72.0	1485	96	96.1	95.4	0.87	482.5	2	1	2.3	8.5	80	603	2.14904
T4C 280M–4	90	279.3	161.7	93.1	267.1	153.6	89.0	256.0	148.1	85.3	1485	96.1	96.1	95.8	0.88	579	2	1	2.3	8.5	80	685	2.37746
T4C 315S–4	110		195.0	112.3		185.2	107.4		178.6	102.9	1485	96.3	96.3	95.9	0.89	707.7	1.8	1	2.2	8.5	88	900	3.94264
T4C 315M–4	132		233.8	134.6		222.1	128.7		214.0	123.4	1485	96.4	96.4	96.2	0.89	849.3	1.8	1	2.2	8.5	88	1037	4.47125
T4C 315L1–4	160		279.6	161.0		265.6	154.0		256.0	147.6	1485	96.6	96.6	96.3	0.9	1029.4	1.8	1	2.2	8.5	88	1137	5.26738
T4C 315L2–4	200		349.2	201.0		331.7	192.3		319.7	184.3	1485	96.7	96.7	96.3	0.9	1286.8	1.8	0.9	2.2	8.5	88	1277	6.29098
T4C 355M–4	250		436.4	251.3		414.6	240.4		399.6	230.3	1485	96.7	96.7	96.3	0.9	1608.4	1.8	0.9	2.2	8.5	92	1592	10.21155
T4C 355L–4	315		549.9	316.6		522.4	302.9		503.5	290.2	1485	96.7	96.7	96.4	0.9	2026.6	1.8	0.8	2.2	8.5	92	1777	11.37405

T4C Series IE4 Efficiency Motors Technical Data (at 50Hz)

Model	Output (kW)	Rated Current (A)			Rated Current (A)			Rated Current (A)			Speed (r/min)	Efficiency (%)			Power factor (COSΦ)	T_n (N.m)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	I_{st}/I_n (Times)	Noise (dB)	W.T (kg)	Inertia (kg*m^2)
		220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%									
T4C 90S–6	0.75	3.40	1.97	1.13	3.25	1.87	1.08	3.12	1.80	1.04	940	82.7	82.9	83	0.7	7.62	2.1	1.5	2.1	7.5	57	30	0.006111
T4C 90L–6	1.1	4.88	2.83	1.63	4.67	2.68	1.56	4.47	2.59	1.49	940	84.5	84.8	84.4	0.7	11.18	2.1	1.3	2.1	7.5	57	34	0.008842
T4C 100L–6	1.5	6.45	3.74	2.15	6.17	3.55	2.06	5.92	3.42	1.97	950	85.9	86.3	85.8	0.71	15.1	2.1	1.3	2.1	7.5	61	39	0.017022
T4C 112M–6	2.2	9.30	5.39	3.10	8.90	5.12	2.97	8.53	4.93	2.84	950	87.4	87.8	87.2	0.71	22.1	2	1.3	2.1	7.5	65	45	0.030441
T4C 132S–6	3	12.5	7.25	4.17	12.0	6.88	3.99	11.5	6.6	3.82	970	88.6	88.9	88.6	0.71	29.6	2	1.3	2.1	7.5	69	65	0.049183
T4C 132M1–6	4	16.3	9.43	5.43	15.6	8.96	5.19	14.9	8.6	4.98	970	89.5	89.8	89.4	0.72	39.4	2	1.3	2.1	8	69	67	0.060576
T4C 132M2–6	5.5	22.2	12.8	7.38	21.2	12.2	7.06	20.3	11.7	6.77	970	90.5	90.7	90.4	0.72	54.2	2	1.3	2.1	8	69	72	0.085987
T4C 160M–6	7.5	28.4	16.4	9.46	27.1	15.6	9.04	26.0	15.0	8.67	970	91.3	91.5	91.2	0.76	73.9	2	1.3	2.1	8	73	145	0.148902
T4C 160L–6	11	40.6	23.5	13.5	38.9	22.3	13.0	37.2	21.5	12.4	975	92.3	92.5	92.2	0.77	107.8	2	1.2	2.1	8.5	73	153	0.220406
T4C 180L–6	15	53.0	30.7	17.7	50.7	29.1	16.9	48.6	28.1	16.2	975	92.9	93.2	92.8	0.8	147	2	1.2	2.1	8.5	73	200	0.363213
T4C 200L1–6	18.5	65.0	37.6	21.7	62.2	35.7	20.7	59.6	34.4	19.9	975	93.4	93.6	93.3	0.8	181.3	2	1.2	2.1	8.5	73	241	0.467407
T4C 200L2–6	22	76.1	44.0	25.4	72.8	41.8	24.3	69.7	40.3	23.2	975	93.7	93.9	93.6	0.81	215.6	2	1.2	2.1	8.5	73	255	0.568245
T4C 225M–6	30	101.9	59.0	34.0	97.5	56.1	32.5	93.4	54.0	31.1	980	94.2	94.4	94	0.82	292.5	2	1.2	2.1	8.3	74	358	0.938040
T4C 250M–6	37	123.8	71.7	41.3	118.4	68.1	39.5	113.5	65.6	37.8	980	94.5	94.7	94.3	0.83	360.7	2	1.2	2.1	8.3	76	407	1.63284
T4C 280S–6	45	150.1	86.9	50.0	143.6	82.5	47.9	137.6	79.6	45.9	985	94.8	95	94.7	0.83	436.5	2	1.1	2	8.5	78	533	2.33569
T4C 280M1–6	55	180.7	104.6	60.2	172.8	99.4	57.6	165.6	95.8	55.2	985	95.1	95.3	95	0.84	533.5	2	1.1	2	8.5	78	581	2.70272
T4C 315S–6	75	245.6	142.2	81.9	234.9	135.1	78.3	225.1	130.2	75.0	990	95.4	95.6	95.3	0.84	723.8	1.6	1	2	8	83	799	4.41427
T4C 315M–6	90	290.7	168.3	96.9	278.0	159.9	92.7	266.4	154.1	88.8	990	95.6	95.8	95.4	0.85	868.6	1.6	1	2	8	83	997	5.25737
T4C 315L1–6	110	354.5	205.2	118.2	339.1	195.0	113.0	325.0	187.9	108.3	990	95.8	96	95.6	0.85	1061.6	1.6	1	2	8	83	1037	6.30902
T4C 315L2–6	132	419.6	242.9	139.9	401.3	230.8	133.8	384.6	222.4	128.2	990	96	96.2	95.9	0.86	1273.9	1.6	1	2	8	83	1197	7.51090
T4C 355M1–6	160	507.5	293.8	169.2	485.5	279.1	161.8	465.2	269.1	155.1	990	96.2	96.3	96	0.86	1544.1	1.6	1	2	8	85	1740	12.14049
T4C 355M2–6	200	633.8	366.9	211.3	606.2	348.6	202.1	580.9	336.0	193.6	990	96.3	96.3	96.1	0.86	1930.1	1.6	0.9	2	8	85	1893	15.03689
T4C 355L–6	250	790.6	457.7	263.5	756.2	434.8	252.1	724.7	419.1	241.6	990	96.5	96.5	96.4	0.86	2412.7	1.6	0.9	2	8	85	2008	16.96783
T4C 100L1–8	0.75	3.80	2.20	1.27	3.64	2.09	1.21	3.49	2.02	1.16	700	78.4	78.6	79	0.66	10.24	2	1.3	2	7	59	29	0.009962
T4C 100L2–8	1.1	5.33	3.09	1.78	5.10	2.93	1.70	4.89	2.83	1.63	700	80.8	81	80.6	0.67	15	2	1.2	2	7	59	34	0.015096
T4C 112M1–8	1.5	6.91	4.00	2.30	6.61	3.80	2.20	6.33	3.66	2.11	710	82.6	82.8	82.4	0.69	20.2	2	1.2	2	7	61	39	0.022340
T4C 132S–8	2.2	9.76	5.65	3.25	9.34	5.37	3.11	8.95	5.17	2.98	715	84.5	84.7	84.3	0.7	29.4	1.8	1.2	2	7.5	64	56	0.049183
T4C 132M–8	3	13.1	7.58	4.36	12.5	7.20	4.17	12.0	6.94	4.00	715	85.9	86.2	85.6	0.7	40.1	1.8	1.2	2	7.8	64	64	0.063400
T4C 160M1–8	4	17.0	9.83	5.66	16.2	9.34	5.41	15.6	9.0	5.19	725	87.1	87.3	86.9	0.71	52.7	1.8	1.2	2	7.9	68	117	0.091020
T4C 160M2–8	5.5	22.7	13.1	7.57	21.7	12.5	7.24	20.8	12.0	6.94	730	88.3	88.5	88.2	0.72	72	1.8	1.2	2	8.1	68	138	0.117735
T4C 160L–8	7.5	29.8	17.2	9.93	28.5	16.4	9.50	27.3	15.8	9.10	730	89.3	89.5	89	0.74	98.2	1.8	1.2	2	7.8	68	161	0.171429
T4C 180L–8	11	43.2	25.0	14.4	41.3	23.7	13.8	39.6	22.9	13.2	735	90.4	90.6	90	0.74	143	1.8	1.1	2	7.9	70	188	0.289470
T4C 200L–8	15	57.6	33.3	19.2	55.0	31.7	18.3	52.8	30.5	17.6	735	91.2	91.4	91	0.75	195	1.8	1.1	2	8	73	220	0.416988
T4C 225S–8	18.5	70.6	40.9	23.5	67.5	38.8	22.5	64.7	37.4	21.6	735	91.7	91.9	91.4	0.75	240.5	1.8	1.1	2	8.1	73	294	0.698230
T4C 225M–8	22	82.5	47.8	27.5	78.9	45.4	26.3	75.6	43.7	25.2	740	92.1	92.3	92	0.76	284	1.8	1.1	2	8.3	73	319	0.829392
T4C 250M–8	30	110.3	63.9	36.8	105.5	60.7	35.2	101.1	58.5	33.7	740	92.7	92.9	92.6	0.77	387.3	1.8	1.1	2	7.9	75	376	1.39327
T4C 280S–8	37	133.7	77.4	44.6	127.9	73.5	42.6	122.6	70.9	40.9	740	93.1	93.3	93	0.78	477.7	1.8	1.1	2	7.9	76	516	2.15503
T4C 280M1–8	45	162.1	93.8	54.0	155.1	89.2	51.7	148.6	85.9	49.5	740	93.4	93.6	93.3	0.78	581	1.8	1	2	7.9	76	575	2.64250
T4C 315S–8	55		111.5	64.2		105.9	61.4		102.1	58.8	740	93.7	93.9	93.4	0.8	710	1.6	1	2	8.2	82	900	4.17929
T4C 315M–8	75		151.2	87.1		143.6	83.3		138.5	79.8	740	94.2	94.5	94	0.8	968.3	1.6	0.9	2	7.6	82	1068	5.60365
T4C 315L1–8	90		178.8	103.0		169.9	98.5		163.7	94.4	740	94.4	94.6	94.2	0.81	1162	1.6	0.9	2	7.7	82	1158	6.65932
T4C 315L2–8	110		217.9	125.4		207.0	120.0		199.5	115.0	745	94.7	94.9	94.5	0.81	1410.7	1.6	0.9	2	7.7	82	1316	8.33079
T4C 355M1–8	132		260.9	150.2		247.9	143.7		238.9	137.7	745	94.9	95.2	94.8	0.81	1693	1.6	0.9	2	7.7	89	1616	13.89562
T4C 355M2–8	160		311.7	179.5		296.1	171.7		285.4	164.5	745	95.1	95.3	95	0.82	2052	1.6	0.9	2	7.7	89	1794	16.86023
T4C 355L–8	200		388.4	223.6		369.0	213.9		355.7	205.0	745	95.4	95.5	95.2	0.82	2565	1.6	0.9	2	7.8	89	1944	19.82484

TCI Series MEPS2 (Aus) High Efficiency Technical Data (400V/50Hz)

Model	Power (KW)	Speed (r/min)	FL Current (A)	Eff (%)	PF (COSΦ)	Tn (N.M)	I_{st}/I_n (Times)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	Net weight (kg)	Moment of inertia (kg*m^2)
2 POLE – 3000 RPM SYNCHRONOUS SPEED 50 Hz												
TCI 801–2	0.75	2848	1.70	78.8	0.81	2.51	5	2.4	2.1	2.8	14.5	0.00084
TCI 802–2	1.1	2846	2.40	80.6	0.82	3.69	5	2.4	2.1	2.9	16.5	0.00119
TCI 90S–2	1.5	2852	3.20	82.6	0.82	5.02	5	2.4	2	2.7	18.5	0.00184
TCI 90L–2	2.2	2845	4.55	84	0.83	7.38	5.5	2.4	2.1	2.7	22.0	0.00239
TCI 100L–2	3	2851	6.12	85.3	0.83	10.05	5.5	2.3	2	2.8	33.0	0.00410
TCI 112M–2	4	2910	7.60	86.3	0.88	13.13	6	2.4	2	2.7	41.0	0.00607
TCI 132S1–2	5.5	2905	10.35	87.2	0.88	18.08	6	2.3	2	2.9	59.5	0.01251
TCI 132S2–2	7.5	2910	13.93	88.3	0.88	24.61	6.4	2.3	2	2.8	64.0	0.01613
TCI 160M1–2	11	2920	19.71	89.5	0.90	35.97	6.3	2.4	2.1	3	113.0	0.04561
TCI 160M2–2	15	2918	26.64	90.3	0.90	49.09	6.8	2.4	2.1	3	124.0	0.06206
TCI 160L–2	18.5	2922	32.68	90.8	0.90	60.46	7	2.4	2.1	2.9	140.0	0.07528
TCI 180M–2	22	2930	38.69	91.2	0.90	71.70	7.2	2.3	2	2.8	168.0	0.08110
TCI 200L1–2	30	2925	52.30	92	0.90	97.94	7	2.4	2	2.7	235.0	0.14253
TCI 200L2–2	37	2930	64.15	92.5	0.90	120.59	7.2	2.3	2	2.7	246.0	0.16466
TCI 225M–2	45	2930	77.68	92.9	0.90	146.66	7	2.3	2	2.8	321.0	0.24906
TCI 250M–2	55	2940	94.64	93.2	0.90	178.64	7.8	2.3	1.9	2.7	419.0	0.43328
TCI 280S–2	75	2940	128.10	93.9	0.90	243.60	7.8	2.2	1.9	2.7	571.0	0.79186
TCI 280M–2	90	2940	153.22	94.2	0.90	292.33	7.7	2.2	1.9	2.6	638.0	0.90716
TCI 315S–2	110	2940	186.68	94.5	0.90	357.29	7.7	2	1.8	2.3	927.0	1.50928
TCI 315M–2	132	2940	223.31	94.8	0.90	428.74	7.6	2	1.8	2.3	1006.0	1.67962
TCI 315L1–2	160	2945	270.11	95	0.90	518.81	7.8	2	1.8	2.3	1060.0	1.87385
TCI 315L2–2	200	2945	337.63	95	0.90	648.51	7.9	2	1.8	2.3	1130.0	2.13283
TCI 355M–2	250	2945	422.04	95	0.90	810.64	7.8	2	1.8	2.3	1650.0	3.14272
TCI 355L–2	315	2945	531.77	95	0.90	1021.40	7.8	2	1.8	2.3	1780.0	3.85287
4 POLE – 1500 RPM SYNCHRONOUS SPEED 50 Hz												
TCI 802–4	0.75	1420	1.89	80.5	0.71	5.04	5.4	2.3	2.1	2.9	16.0	0.00128
TCI 90S–4	1.1	1425	2.72	82.2	0.71	7.37	5.3	2.3	2.1	2.7	20.0	0.00315
TCI 90L–4	1.5	1420	3.50	83.5	0.74	10.09	5.5	2.4	2	2.7	24.0	0.00411
TCI 100L1–4	2.2	1430	4.68	84.9	0.80	14.69	6	2.4	2.1	2.9	34.0	0.00883
TCI 100L2–4	3	1430	6.29	86	0.80	20.03	6	2.4	2	2.8	35.0	0.01039
TCI 112M–4	4	1435	8.19	87	0.81	26.62	6.3	2.5	2	3	45.0	0.01369
TCI 132S–4	5.5	1430	10.88	87.9	0.83	36.73	6.5	2.3	2	2.8	63.0	0.02966
TCI 132M–4	7.5	1430	14.67	88.9	0.83	50.08	6.4	2.3	2	2.7	77.5	0.03981
TCI 160M–4	11	1440	21.28	89.9	0.83	72.95	6.8	2.5	2.1	2.8	119.0	0.08670
TCI 160L–4	15	1445	27.41	90.8	0.87	99.13	6.7	2.4	2.1	2.9	146.0	0.11272
TCI 180M–4	18.5	1445	34.05	91.2	0.86	122.26	7.2	2.4	2.1	3	161.0	0.14084
TCI 180L–4	22	1460	39.39	91.6	0.88	143.89	7.3	2.3	2	3	176.0	0.16541
TCI 200L–4	30	1460	53.31	92.3	0.88	196.22	7.6	2.4	2	2.7	242.0	0.27306
TCI 225S–4	37	1470	65.40	92.8	0.88	240.36	7.5	2.4	2	2.7	315.0	0.50439
TCI 225M–4	45	1480	78.39	93.1	0.89	290.35	7.3	2.3	2	2.8	340.0	0.59389
TCI 250M–4	55	1480	98.73	93.5	0.86	354.87	7.4	2.4	1.9	2.7	420.0	0.70950
TCI 280S–4	75	1480	127.96	94	0.90	483.92	7.5	2.2	1.9	2.6	580.0	1.59510
TCI 280M–4	90	1480	152.90	94.4	0.90	580.70	7.7	2.2	1.9	2.6	650.0	1.89187
TCI 315S–4	110	1480	190.52	94.7	0.88	709.75	7.8	2	1.8	2.3	938.0	3.09253
TCI 315M–4	132	1480	225.58	94.9	0.89	851.69	7.8	2	1.8	2.3	1030.0	3.48345
TCI 315L1–4	160	1480	272.57	95.2	0.89	1032.36	7.9	2	1.8	2.3	1106.0	3.98390
TCI 315L2–4	200	1480	340.71	95.2	0.89	1290.45	7.7	2	1.8	2.3	1220.0	4.67201
TCI 355M–4	250	1480	425.89	95.2	0.89	1613.06	7.9	2	1.8	2.3	1600.0	7.63820
TCI 355L–4	315	1480	530.65	95.2	0.9	2032.45	7.8	2	1.8	2.3	1700.0	9.08547

TCI Series MEPS2 (Aus) High Efficiency Technical Data (400V/50Hz)

Model	Power (KW)	Speed (r/min)	FL Current (A)	Eff (%)	PF (COSΦ)	Tn (N.M)	I_{st}/I_n (Times)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	Net weight (kg)	Moment of inertia ($kg*m^2$)
6 POLE – 1000 RPM SYNCHRONOUS SPEED 50 Hz												
TCI 90S–6	0.75	935	2.23	76	0.64	7.66	5.3	2.2	2	2.7	19.6	0.00360
TCI 90L–6	1.1	935	2.98	78.3	0.68	11.23	5	2.3	2.1	2.6	23.5	0.00536
TCI 100L–6	1.5	940	3.71	79.9	0.73	15.24	4.9	2.3	2.1	2.7	32.0	0.00877
TCI 112M–6	2.2	940	5.38	81.9	0.72	22.35	5.7	2.3	2.1	2.9	39.0	0.01468
TCI 132S–6	3	940	6.91	83.5	0.75	30.48	6.3	2.4	2.2	2.8	54.0	0.03039
TCI 132M1–6	4	945	9.21	84.7	0.74	40.42	6.2	2.5	2	2.8	65.0	0.03785
TCI 132M2–6	5.5	945	12.46	86.1	0.74	55.58	6.8	2.3	1.9	2.8	66.0	0.04890
TCI 160M–6	7.5	955	17.46	87.3	0.71	74.99	7	2.4	1.9	2.7	112.0	0.08726
TCI 160L–6	11	960	23.87	88.7	0.75	109.42	7.3	2.5	2	2.8	132.6	0.12069
TCI 180L–6	15	960	30.98	89.6	0.78	149.21	7.2	2.3	2.1	2.9	179.0	0.25695
TCI 200L1–6	18.5	965	36.96	90.3	0.80	183.07	6.9	2.4	2.1	3.2	221.4	0.36147
TCI 200L2–6	22	965	42.65	90.8	0.82	217.70	7.3	2.3	1.9	3.1	240.6	0.42742
TCI 225M–6	30	975	55.61	91.6	0.85	293.82	7.4	2.2	1.9	2.7	335.0	0.67058
TCI 250M–6	37	975	68.96	92.2	0.84	362.38	7.5	2.3	2.1	2.7	391.4	0.99243
TCI 280S–6	45	980	82.43	92.7	0.85	438.49	7.7	2.3	2	2.8	514.0	1.78548
TCI 280M–6	55	980	99.15	93.1	0.86	535.93	7.7	2.2	1.9	2.7	584.0	2.20792
TCI 315S–6	75	980	135.92	93.7	0.85	730.81	7.9	2.1	1.9	2.5	807.0	3.25976
TCI 315M–6	90	980	162.24	94.2	0.85	876.98	8	2	1.8	2.3	913.0	3.90933
TCI 315L1–6	110	980	197.66	94.5	0.85	1071.86	7.7	2	1.8	2.3	966.0	4.54331
TCI 315L2–6	132	980	236.44	94.8	0.85	1286.23	.8	2	1.8	2.3	1080.0	5.53956
TCI 355M1–6	160	980	285.69	95.1	0.85	1559.07	7.6	2	1.8	2.3	1537.0	8.97637
TCI 355M2–6	200	980	357.12	95.1	0.85	1948.84	7.8	2	1.8	2.3	1720.0	11.00175
TCI 355L–6	250	980	446.40	95.1	0.85	2436.05	7.8	2	1.8	2.3	1880.0	13.56011
8 POLE – 750 RPM SYNCHRONOUS SPEED 50 Hz												
TCI 100L1–8	0.75	690	2.79	71.8	0.54	10.38	4.5	2.2	2	2.5	28.5	0.00896
TCI 100L2–8	1.1	690	3.94	74.7	0.54	15.22	4.5	2.3	2.1	2.6	33.0	0.01012
TCI 112M1–8	1.5	695	4.70	76.8	0.60	20.61	4.8	2.3	2.1	2.6	40.0	0.01652
TCI 132S–8	2.2	700	6.35	79.4	0.63	30.01	5	2.3	2.1	2.7	60.0	0.04315
TCI 132M–8	3	700	8.45	81.3	0.63	40.93	5.1	2.4	2.2	2.7	65.0	0.05021
TCI 160M1–8	4	710	10.73	82.8	0.65	53.80	5.3	2.5	2	2.8	110.0	0.08835
TCI 160M2–8	5.5	710	14.45	84.5	0.65	73.97	5.5	2.3	1.9	2.6	126.0	0.09968
TCI 160L–8	7.5	715	19.37	86	0.65	100.17	6	2.4	1.9	2.7	139.0	0.12875
TCI 180L–8	11	720	24.14	87.7	0.75	145.89	6	2.3	2	2.8	180.0	0.25382
TCI 200L–8	15	720	29.70	88.9	0.82	198.94	6.4	2.2	2	2.9	225.0	0.40028
TCI 2225S–8	18.5	725	37.21	89.7	0.80	243.67	6.4	2.2	2	3.2	300.0	0.61248
TCI 2225M–8	22	725	44.01	90.2	0.80	289.77	7	2.1	1.9	3.1	325.0	0.70635
TCI 250M–8	30	730	59.35	91.2	0.80	392.44	7	2.1	1.9	2.7	410.0	1.19568
TCI 280S–8	37	730	74.58	91.8	0.78	484.01	7.5	2.1	1.8	2.5	535.0	2.21547
TCI 280M1–8	45	735	90.12	92.4	0.78	584.65	7.5	2	1.8	2.5	600.0	2.63980
TCI 315S–8	55	740	106.82	92.9	0.80	709.75	7.5	2	1.8	2.4	870.0	3.78520
TCI 315M–8	75	740	144.41	93.7	0.80	967.83	7.7	2	1.8	2.3	1065.0	5.22221
TCI 315L1–8	90	740	172.56	94.1	0.80	1161.40	7.8	2	1.8	2.2	1128.0	6.25320
TCI 315L2–8	110	745	210.01	94.5	0.80	1409.96	7.8	2	1.8	2.3	1215.0	7.41020
TCI 355M1–8	132	745	251.22	94.8	0.80	1691.96	7.9	2	1.8	2.3	1500.0	10.76850
TCI 355M2–8	160	745	303.23	95.2	0.80	2050.86	7.8	2	1.8	2.3	1605.0	12.22650
TCI 355L–8	200	745	379.04	95.2	0.80	2563.57	7.7	2	1.8	2.3	1790.0	14.98620

TCP Series MEPS2 (Aus) Premium Efficiency Technical Data (400V/50Hz)

Model	Power (KW)	Speed (r/min)	FL Current (A)	Eff (%)	PF (COSΦ)	Tn (N.M)	I_{st}/I_n (Times)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	Net weight (kg)	Moment of inertia (kg*m^2)
2 POLE – 3000 RPM SYNCHRONOUS SPEED 50 Hz												
TCP 801–2	0.75	2848	1.66	81.4	0.80	2.51	5	2.4	2.1	2.8	15.2	0.00093
TCP 802–2	1.1	2846	2.39	83	0.80	3.69	5	2.4	2.1	2.9	17.1	0.00128
TCP 90S–2	1.5	2852	3.04	84.8	0.84	5.02	5	2.4	2	2.7	21.5	0.00224
TCP 90L–2	2.2	2845	4.44	86.2	0.83	7.38	5.5	2.4	2.1	2.7	24.6	0.00279
TCP 100L–2	3	2851	5.64	87.2	0.88	10.05	5.5	2.3	2	2.8	35.5	0.00496
TCP 112M–2	4	2910	7.28	88.1	0.90	13.13	6	2.4	2	2.7	44.5	0.00744
TCP 132S1–2	5.5	2905	10.15	88.9	0.88	18.08	6	2.3	2	2.9	63.2	0.01468
TCP 132S2–2	7.5	2910	13.53	89.9	0.89	24.61	6.4	2.3	2	2.8	70.2	0.01903
TCP 160M1–2	11	2920	19.41	90.9	0.90	35.97	6.3	2.4	2.1	3	118.0	0.05178
TCP 160M2–2	15	2918	26.26	91.6	0.90	49.09	6.8	2.4	2.1	3	128.0	0.06206
TCP 160L–2	18.5	2922	31.86	92.1	0.91	60.46	7	2.4	2.1	2.9	144.0	0.07669
TCP 180M–2	22	2930	38.61	92.4	0.89	71.70	7.2	2.3	2	2.8	183.4	0.09665
TCP 200L1–2	30	2925	52.26	93.1	0.89	97.94	7	2.4	2	2.7	247.0	0.17351
TCP 200L2–2	37	2930	64.11	93.6	0.89	120.59	7.2	2.3	2	2.7	268.0	0.20008
TCP 225M–2	45	2930	76.26	93.6	0.91	146.66	7	2.3	2	2.8	369.0	0.34366
TCP 250M–2	55	2940	93.64	94.2	0.90	178.64	7.8	2.3	1.9	2.7	428.0	0.44434
TCP 280S–2	75	2940	125.48	94.8	0.91	243.60	7.8	2.2	1.9	2.7	587.3	0.82911
TCP 280M–2	90	2940	150.26	95	0.91	292.33	7.7	2.2	1.9	2.6	655.0	0.98168
TCP 315S–2	110	2940	185.11	95.3	0.90	357.29	7.7	2	1.8	2.3	980.0	1.70352
TCP 315M–2	132	2040	221.67	95.5	0.90	617.90	7.6	2	1.8	2.3	1100.0	1.93860
TCP 315L1–2	160	2945	268.13	95.7	0.90	518.81	7.8	2	1.8	2.3	1155.0	2.19758
TCP 315L2–2	200	2945	335.16	95.7	0.90	648.51	7.9	2	1.8	2.3	1260.0	2.55368
TCP 355M–2	250	2945	418.95	95.7	0.90	810.64	7.8	2	1.8	2.3	1650.0	3.14272
TCP 355L–2	315	2945	527.88	95.7	0.90	1021.40	7.8	2	1.8	2.3	1780.0	3.85287
4 POLE – 1500 RPM SYNCHRONOUS SPEED 50 Hz												
TCP 802–4	0.75	1420	1.89	82.9	0.69	5.04	5.4	2.3	2.1	2.9	18.2	0.00155
TCP 90S–4	1.1	1425	2.61	84.5	0.72	7.37	5.3	2.3	2.1	2.7	23.0	0.00372
TCP 90L–4	1.5	1420	3.61	85.6	0.70	10.09	5.5	2.4	2	2.7	26.3	0.00469
TCP 100L1–4	2.2	1430	4.51	86.9	0.81	14.69	6	2.4	2.1	2.9	35.5	0.00922
TCP 100L2–4	3	1430	6.32	87.8	0.78	20.03	6	2.4	2	2.8	38.5	0.01195
TCP 112M–4	4	1435	7.94	88.7	0.82	26.62	6.3	2.5	2	3	47.0	0.01545
TCP 132S–4	5.5	1430	10.69	89.5	0.83	36.73	6.5	2.3	2	2.8	68.3	0.03397
TCP 132M–4	7.5	1430	14.09	90.4	0.85	50.08	6.4	2.3	2	2.7	79.0	0.04412
TCP 160M–4	11	1440	20.70	91.3	0.84	72.95	6.8	2.5	2.1	2.8	127.0	0.10355
TCP 160L–4	15	1445	27.33	92.1	0.86	99.13	6.7	2.4	2.1	2.9	160.0	0.13750
TCP 180M–4	18.5	1445	33.60	92.4	0.86	122.26	7.2	2.4	2.1	3	169.4	0.15530
TCP 180L–4	22	1460	39.33	92.8	0.87	143.89	7.3	2.3	2	3	196.0	0.19433
TCP 200L–4	30	1460	57.24	93.4	0.81	196.22	7.6	2.4	2	2.7	252.0	0.29441
TCP 225S–4	37	1470	65.44	93.8	0.87	240.36	7.5	2.4	2	2.7	324.5	0.57838
TCP 225M–4	45	1480	79.34	94.1	0.87	290.35	7.3	2.3	2	2.8	352.9	0.65309
TCP 250M–4	55	1480	95.56	94.4	0.88	354.87	7.4	2.4	1.9	2.7	427.4	0.76504
TCP 280S–4	75	1480	131.12	94.9	0.87	483.92	7.5	2.2	1.9	2.6	673.3	1.99603
TCP 280M–4	90	1480	160.53	95.2	0.85	580.70	7.7	2.2	1.9	2.6	692.0	2.18345
TCP 315S–4	110	1480	188.92	95.5	0.88	709.75	7.8	2	1.8	2.3	1027.0	3.71808
TCP 315M–4	132	1480	226.47	95.6	0.88	851.69	7.8	2	1.8	2.3	1155.0	4.29667
TCP 315L1–4	160	1480	273.65	95.9	0.88	1032.36	7.9	2	1.8	2.3	1240.0	5.10990
TCP 315L2–4	200	1480	338.22	95.9	0.89	1290.45	7.7	2	1.8	2.3	1400.0	6.17334
TCP 355M–4	250	1480	422.78	95.9	0.89	1613.06	7.9	2	1.8	2.3	1600.0	7.63820
TCP 355L–4	315	1480	526.78	95.9	0.9	2032.45	7.8	2	1.8	2.3	1700.0	9.34080

TCP Series MEPS2 (Aus) Premium Efficiency Technical Data (400V/50Hz)

Model	Power (KW)	Speed (r/min)	FL Current (A)	Eff (%)	PF (COSΦ)	Tn (N.M)	I_{st}/I_n (Times)	T_{st}/T_n (Times)	T_{min}/T_n (Times)	T_{max}/T_n (Times)	Net weight (kg)	Moment of inertia (kg*m^2)
6 POLE – 1000 RPM SYNCHRONOUS SPEED 50 Hz												
TCP 90S–6	0.75	935	2.05	78.8	0.67	7.66	5.3	2.2	2	2.7	21.5	0.00435
TCP 90L–6	1.1	935	2.97	80.9	0.66	11.23	5	2.3	2.1	2.6	25.5	0.00611
TCP 100L–6	1.5	940	3.55	82.4	0.74	15.24	4.9	2.3	2.1	2.7	33.5	0.00972
TCP 112M–6	2.2	940	5.39	84.2	0.70	22.35	5.7	2.3	2.1	2.9	40.0	0.01637
TCP 132S–6	3	940	6.84	85.6	0.74	30.48	6.3	2.4	2.2	2.8	59.0	0.03223
TCP 132M1–6	4	945	9.00	86.7	0.74	40.42	6.2	2.5	2	2.8	75.5	0.04338
TCP 132M2–6	5.5	945	12.72	87.9	0.71	55.58	6.8	2.3	1.9	2.8	76.3	0.05443
TCP 160M–6	7.5	955	16.22	89	0.75	74.99	7	2.4	1.9	2.7	112.0	0.08726
TCP 160L–6	11	960	23.16	90.2	0.76	109.42	7.3	2.5	2	2.8	134.0	0.13544
TCP 180L–6	15	960	30.12	91	0.79	149.21	7.2	2.3	2.1	2.9	184.5	0.27973
TCP 200L1–6	18.5	965	36.44	91.6	0.80	183.07	6.9	2.4	2.1	3.2	231.0	0.38345
TCP 200L2–6	22	965	42.57	92.1	0.81	217.70	7.3	2.3	1.9	3.1	249.0	0.44941
TCP 225M–6	30	975	53.02	92.8	0.88	293.82	7.4	2.2	1.9	2.7	339.0	0.67058
TCP 250M–6	37	975	67.34	93.3	0.85	362.38	7.5	2.3	2.1	2.7	399.4	0.99243
TCP 280S–6	45	980	83.52	93.7	0.83	438.49	7.7	2.3	2	2.8	551.0	2.20274
TCP 280M1–6	55	980	99.25	94.1	0.85	535.93	7.7	2.2	1.9	2.7	624.3	2.57302
TCP 315S–6	75	980	139.55	94.6	0.82	730.81	7.9	2.1	1.9	2.5	860.0	3.80317
TCP 315M–6	90	980	166.76	95	0.82	876.98	8	2	1.8	2.3	970.0	4.45274
TCP 315L1–6	110	980	203.17	95.3	0.82	1071.86	7.7	2	1.8	2.3	1070.0	5.53956
TCP 315L2–6	132	980	243.30	95.5	0.82	1286.23	.8	2	1.8	2.3	1196.0	6.62638
TCP 355M1–6	160	980	290.44	95.8	0.83	1559.07	7.6	2	1.8	2.3	1537.0	8.97637
TCP 355M2–6	200	980	363.05	95.8	0.83	1948.84	7.8	2	1.8	2.3	1720.0	11.00175
TCP 355L–6	250	980	453.81	95.8	0.83	2436.05	7.8	2	1.8	2.3	1880.0	13.56011
8 POLE – 750 RPM SYNCHRONOUS SPEED 50 Hz												
TCP 100L1–8	0.75	690	2.67	75	0.54	10.38	4.5	2.2	2	2.5	29.0	0.00925
TCP 100L2–8	1.1	690	3.79	77.6	0.54	15.22	4.5	2.3	2.1	2.6	35.2	0.01114
TCP 112M1–8	1.5	695	4.53	79.6	0.60	20.61	4.8	2.3	2.1	2.6	41.6	0.01722
TCP 132S–8	2.2	700	6.15	81.9	0.63	30.01	5	2.3	2.1	2.7	62.0	0.04513
TCP 132M–8	3	700	8.22	83.6	0.63	40.93	5.1	2.4	2.2	2.7	67.5	0.05259
TCP 160M1–8	4	710	10.45	85	0.65	53.80	5.3	2.5	2	2.8	118.6	0.09832
TCP 160M2–8	5.5	710	14.12	86.5	0.65	73.97	5.5	2.3	1.9	2.6	130.0	0.10938
TCP 160L–8	7.5	715	18.97	87.8	0.65	100.17	6	2.4	1.9	2.7	146.5	0.13913
TCP 180L–8	11	720	23.71	89.3	0.75	145.89	6	2.3	2	2.8	193.0	0.27973
TCP 200L–8	15	720	29.21	90.4	0.82	198.94	6.4	2.2	2	2.9	232.0	0.40544
TCP 2225S–8	18.5	725	36.64	91.1	0.80	243.67	6.4	2.2	2	3.2	315.6	0.63789
TCP 2225M–8	22	725	43.38	91.5	0.80	289.77	7	2.1	1.9	3.1	338.0	0.73596
TCP 250M–8	30	730	58.58	92.4	0.80	392.44	7	2.1	1.9	2.7	428.0	1.24135
TCP 280S–8	37	730	71.86	92.9	0.80	484.01	7.5	2.1	1.8	2.5	550.0	2.30705
TCP 280M1–8	45	735	86.83	93.5	0.80	584.65	7.5	2	1.8	2.5	628.0	2.72950
TCP 315S–8	55	740	105.68	93.9	0.80	709.75	7.5	2	1.8	2.4	890.0	3.89374
TCP 315M–8	75	740	143.04	94.6	0.80	967.83	7.7	2	1.8	2.3	1102.0	5.26785
TCP 315L1–8	90	740	171.11	94.9	0.80	1161.40	7.8	2	1.8	2.2	1165.7	6.26411
TCP 315L2–8	110	745	208.25	95.3	0.80	1409.96	7.8	2	1.8	2.3	1243.0	7.44150
TCP 355M1–8	132	745	249.38	95.5	0.80	1691.96	7.9	2	1.8	2.3	1564.0	10.82687
TCP 355M2–8	160	745	301.02	95.9	0.80	2050.86	7.8	2	1.8	2.3	1650.0	12.26856
TCP 355L–8	200	745	376.27	95.9	0.80	2563.57	7.7	2	1.8	2.3	1800.0	15.02087