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## Class Description

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Class Number	Description
4211-81	<b>MOTORS AND GENERATORS-Certified to US Standards</b>

#### COVERAGE:

Electric-motors (with or without inherent overheating protection) for use in appliances and equipment that comply with the requirements for such appliances and equipment.

This category does not include sealed (hermetic) type motors such as in refrigerator compressors or motors for use in hazardous locations. See equipment list.

#### REQUIREMENTS:

UL 1004	Electric Motors
UL 2111	Overheating Protection for Motors

#### NOTES:

1. Motors marked "Thermally Protected" are provided with thermal protection in accordance with UL 2111 "Thermal Protectors For Motors". The thermal protectors may open the motor winding circuits inside the motor enclosure, or may be connected in the control circuits of the equipment which opens the motor circuit externally.
2. Motors listed with statement "Component Certification Only" (or equivalent wording) are for use only as component parts of Certified equipment which provides for their proper use (e.g. such motor may have exposed live or moving parts which are required to be enclosed by the equipment in which they are intended to be used).

#### MARKING:

All marking required by CSA must be permanent, legible, and located where readily accessible for review after assembly of the device, except as permitted otherwise. The contents consist of:

- submittor's identification;
- model designation or equivalent;
- complete electrical rating;
- date code or equivalent;
- "THERMALLY PROTECTED" or "TP" (where applicable);
- "IMPEDANCE PROTECTED" or "ZP" (where applicable);
- "THERMALLY PROTECTED" or "TPL" (where applicable);
- when thermal protectors are to be connected in control circuits of equipment which opens the motor circuit externally, additional marking to indicate the specific external equipment required;
- additional markings as may be required by the applicable Standard(s) for specific models or usages;

- CSA Monogram and "NRTL" or "US" indicator.

The marking method consists of a data plate or plates or equally permanent marking applied at the factory.

/mkc

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## Certificate Record

Customer	Class	File Number
Shanghai Top Motor Co., Ltd. No. 303 Kangliu Road, Kangqiao Industrial Area Nanhui Shanghai China 201315	4211-81  MOTORS AND GENERATORS-Certified to US Standards	224693

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The following comply with ANSI/UL 1004-1 Second Edition:

Three-Phase Induction Motors, Component Type, Max 40C Ambient, Continuous Duty, Insulation Class F, 4 poles, 60Hz, model no. and electrical rating as follows:

Model	Voltage	Current (Amp)	Output (KW)	RPM	Frame	Enclosure Type
MS 112M-4	220/380 V	17.04/9.84 A	4.8	1720	112	TEFC

**Note:** Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.

The following comply with ANSI/UL 1004-1-2010:

- Three-phase induction motors, max ambient 40C, Class F insulation

TEFC, TM Series, Models as follow:

Model	Voltage (V)	Ampere (A)	Output (kW)	Frequency (HZ)	Pole (No.)
TM561-2	230/400/480	0.61/0.35/0.35	0.09/0.09/0.108	50/50/60	2
TM562-2	230/400/480	0.7/0.4/0.4	0.12/0.12/0.144	50/50/60	2
TM563-2	230/400/480	0.96/0.56/0.56	0.18/0.18/0.216	50/50/60	2
TM631-2	230/400/480	0.95/0.55/0.55	0.18/0.18/0.216	50/50/60	2
TM632-2	230/400/480	1.23/0.71/0.71	0.25/0.25/0.3	50/50/60	2
TM633-2	230/400/480	1.82/1.05/1.05	0.37/0.37/0.444	50/50/60	2
TM711-2	230/400/480	1.67/0.97/0.97	0.37/0.37/0.444	50/50/60	2
TM712-2	230/400/480	2.45/1.42/1.42	0.55/0.55/0.66	50/50/60	2
TM713-2	230/400/480	3.18/1.83/1.83	0.75/0.75/0.9	50/50/60	2
TM801-2	230/400/480	3.06/1.77/1.77	0.75/0.75/0.9	50/50/60	2
TM802-2	230/400/480	4.35/2.51/2.51	1.1/1.1/1.32	50/50/60	2

TM803-2	230/400/480	5.87/3.32/3.32	1.5/1.5/1.8	50/50/60	2
TM90S-2	230/400/480	5.76/3.28/3.28	1.5/1.5/1.8	50/50/60	2
TM90L-2	230/400/480	8.0/4.61/4.61	2.2/2.2/2.64	50/50/60	2
TM90L2-2	230/400/480	10.56/6.10/6.10	3.0/3.0/3.6	50/50/60	2
TM100L-2	230/400/480	10.44/6.03/6.03	3.0/3.0/3.6	50/50/60	2
TM100L2-2	230/400/480	13.65/7.88/7.88	4.0/4.0/4.8	50/50/60	2
TM112M-2	230/400/480	13.65/7.88/7.88	4.0/4.0/4.8	50/50/60	2
TM112L1-2	230/400/480	18.24/10.53/10.53	5.5/5.5/6.6	50/50/60	2
TM132M1-2	230/400/480	29.88/17.25/17.25	9.2/9.2/11	50/50/60	2
TM132M2-2	230/400/480	34.57/19.96/19.96	11/11/13.2	50/50/60	2
TM132S1-2	230/400/480	18.24/10.53/10.53	5.5/5.5/6.6	50/50/60	2
TM132S2-2	230/400/480	24.19/14.14/14.14	7.5/7.5/9.0	50/50/60	2
TM160M1-2	230/400/480	34.57/19.96/19.96	11/11/13.2	50/50/60	2
TM160M2-2	230/400/480	46.09/26.61/26.61	15/15/18	50/50/60	2
TM160L-2	230/400/480	56.46/32.6/32.6	18.5/18.5/22	50/50/60	2
TM180M-2	230/400/480	67.89/39.2/39.2	22/22/26.4	50/50/60	2
TM180L-2	230/400/480	91.45/52.8/52.8	30/30/36	50/50/60	2
TM200L1-2	230/400/480	91.45/52.8/52.8	30/30/36	50/50/60	2
TM200L2-2	230/400/480	111.7/64.5/64.5	37/37/44.4	50/50/60	2
TM225M-2	230/400/480	135.4/78.5/78.2	45/45/54	50/50/60	2
TM225M2-2	230/400/480	165.48/95.15/95.15	55/55/66	50/50/60	2
TM250M-2	230/400/480	165.2/95.4/95.4	55/55/66	50/50/60	2
TM250M2-2	230/400/480	226.4/130.32/130.32	75/75/90	50/50/60	2
TM280S-2	230/400/480	224/129.3/129.3	75/75/90	50/50/60	2
TM280M-2	230/400/480	263.6/152.19/152.19	90/90/99	50/50/60	2
TM315S-2	230/400/480	321.5/185.6/185.6	110/110/121	50/50/60	2
TM315M-2	230/400/480	383.8/221.6/221.6	132/132/145	50/50/60	2
TM561-2	400/690/480	0.35/0.20/0.35	0.09/0.09/0.108	50/50/60	2
TM562-2	400/690/480	0.4/0.23/0.4	0.12/0.12/0.144	50/50/60	2
TM563-2	400/690/480	0.56/0.32/0.56	0.18/0.18/0.216	50/50/60	2
TM631-2	400/690/480	0.55/0.32/0.55	0.18/0.18/0.216	50/50/60	2
TM632-2	400/690/480	0.71/0.41/0.71	0.25/0.25/0.3	50/50/60	2
TM633-2	400/690/480	1.05/0.61/1.05	0.37/0.37/0.444	50/50/60	2
TM711-2	400/690/480	0.97/0.56/0.97	0.37/0.37/0.444	50/50/60	2
TM712-2	400/690/480	1.42/0.82/1.42	0.55/0.55/0.66	50/50/60	2
TM713-2	400/690/480	1.83/1.06/1.83	0.75/0.75/0.9	50/50/60	2
TM801-2	400/690/480	1.77/1.02/1.77	0.75/0.75/0.9	50/50/60	2
TM802-2	400/690/480	2.51/1.45/2.51	1.1/1.1/1.32	50/50/60	2
TM803-2	400/690/480	3.32/1.92/3.32	1.5/1.5/1.8	50/50/60	2
TM90S-2	400/690/480	3.28/1.89/3.28	1.5/1.5/1.8	50/50/60	2

TM90L-2	400/690/480	4.61/2.66/4.61	2.2/2.2/2.64	50/50/60	2
TM90L2-2	400/690/480	6.10/3.52/6.10	3.0/3.0/3.6	50/50/60	2
TM100L-2	400/690/480	6.03/3.48/6.03	3.0/3.0/3.6	50/50/60	2
TM100L2-2	400/690/480	7.88/4.55/7.88	4.0/4.0/4.8	50/50/60	2
TM112M-2	400/690/480	7.88/4.55/7.88	4.0/4.0/4.8	50/50/60	2
TM112L1-2	400/690/480	10.53/6.08/10.53	5.5/5.5/6.6	50/50/60	2
TM132M1-2	400/690/480	17.25/9.96/17.25	9.2/9.2/11	50/50/60	2
TM132M2-2	400/690/480	19.96/11.52/19.96	11/11/13.2	50/50/60	2
TM132S1-2	400/690/480	10.53/6.08/10.53	5.5/5.5/6.6	50/50/60	2
TM132S2-2	400/690/480	14.14/8.16/14.14	7.5/7.5/9.0	50/50/60	2
TM160M1-2	400/690/480	19.96/11.52/19.96	11/11/13.2	50/50/60	2
TM160M2-2	400/690/480	26.61/15.36/26.61	15/15/18	50/50/60	2
TM160L-2	400/690/480	32.6/18.82/32.6	18.5/18.5/22	50/50/60	2
TM180M-2	400/690/480	39.2/22.63/39.2	22/22/26.4	50/50/60	2
TM180L-2	400/690/480	52.8/30.48/52.8	30/30/36	50/50/60	2
TM200L1-2	400/690/480	52.8/30.48/52.8	30/30/36	50/50/60	2
TM200L2-2	400/690/480	64.5/37.39/64.5	37/37/44.4	50/50/60	2
TM225M-2	400/690/480	78.2/45.15/78.2	45/45/54	50/50/60	2
TM225M2-2	400/690/480	95.15/55.16/95.15	55/55/66	50/50/60	2
TM250M-2	400/690/480	95.4/55.08/95.4	55/55/66	50/50/60	2
TM250M2-2	400/690/480	130.32/75.55/130.32	75/75/90	50/50/60	2
TM280S-2	400/690/480	129.3/74.65/129.3	75/75/90	50/50/60	2
TM280M-2	400/690/480	152.19/88.22/152.19	90/90/99	50/50/60	2
TM315S-2	400/690/480	185.6/107.16/185.6	110/110/121	50/50/60	2
TM315M-2	400/690/480	221.6/127.94/221.6	132/132/145	50/50/60	2
TM315L1-2	400/690/480	265.35/160.82/265.35	160/160/192	50/50/60	2
TM315L2-2	400/690/480	331/192/331	200/200/240	50/50/60	2
TM561-4	230/400/480	0.52/0.30/0.3	0.06/0.06/0.072	50/50/60	4
TM562-4	230/400/480	0.74/0.43/0.43	0.09/0.09/0.108	50/50/60	4
TM563-4	230/400/480	0.92/0.53/0.53	0.12/0.12/0.144	50/50/60	4
TM631-4	230/400/480	0.82/0.47/0.47	0.12/0.12/0.216	50/50/60	4
TM632-4	230/400/480	1.17/0.68/0.68	0.18/0.18/0.216	50/50/60	4
TM633-4	230/400/480	1.58/0.91/0.91	0.25/0.25/0.3	50/50/60	4
TM711-4	230/400/480	1.58/0.91/0.91	0.25/0.25/0.3	50/50/60	4
TM712-4	230/400/480	1.92/1.11/1.11	0.37/0.37/0.444	50/50/60	4
TM713-4	230/400/480	2.78/1.6/1.6	0.55/0.55/0.66	50/50/60	4
TM801-4	230/400/480	2.74/1.58/1.58	0.55/0.55/0.6	50/50/60	4
TM802-4	230/400/480	3.34/1.93/1.93	0.75/0.75/0.9	50/50/60	4
TM803-4	230/400/480	4.63/2.67/2.67	1.1/1.1/1.32	50/50/60	4
TM90S-4	230/400/480	4.57/2.64/2.64	1.1/1.1/1.32	50/50/60	4
TM90L-4	230/400/480	5.97/3.45/3.45	1.5/1.5/1.8	50/50/60	4

TM90L2-4	230/400/480	8.45/4.90/4.90	2.2/2.2/2.64	50/50/60	4
TM100L1-4	230/400/480	8.38/4.84/4.84	2.2/2.2/2.64	50/50/60	4
TM100L2-4	230/400/480	12.1/7.0/7.0	3.0/3.0/3.6	50/50/60	4
TM100L3-4	230/400/480	14.48/8.36/8.36	4.0/4.0/4.8	50/50/60	4
TM112M-4	230/400/480	14.31/8.26/8.26	4.0/4.0/4.8	50/50/60	4
TM112L-4	230/400/480	19.33/11.16/11.16	5.5/5.5/6.6	50/50/60	4
TM132S-4	230/400/480	19.1/11.03/11.03	5.5/5.5/6.6	50/50/60	4
TM132M-4	230/400/480	25.36/14.64/14.64	7.5/7.5/9.0	50/50/60	4
TM132L1-4	230/400/480	30.92/17.85/17.85	9.2/9.2/11	50/50/60	4
TM132L2-4	230/400/480	33.43/19.3/19.3	10/10/12	50/50/60	4
TM132L3-4	230/400/480	36.16/20.88/20.88	11/11/13.2	50/50/60	4
TM160M-4	230/400/480	35.75/20.64/20.64	11/11/13.2	50/50/60	4
TM160L-4	230/400/480	48.76/28.15/28.15	15/15/18	50/50/60	4
TM160L2-4	230/400/480	60/34.5/34.5	18.5/18.5/22.2	50/50/60	4
TM180M-4	230/400/480	59.41/34.3/34.3	18.5/18.5/22	50/50/60	4
TM180L-4	230/400/480	70.32/40.6/40.6	22/22/26.4	50/50/60	4
TM200L-4	230/400/480	115.4/66.36/66.36	37/37/44	50/50/60	4
TM225S-4	230/400/480	115/66.4/66.4	37/37/44.4	50/50/60	4
TM225M-4	230/400/480	139.4/80.5/80.5	45/45/54	50/50/60	4
TM225M2-4	230/400/480	169.72/97.59/97.59	55/55/66	50/50/60	4
TM250M-4	230/400/480	169.9/98.1/98.1	55/55/66	50/50/60	4
TM280S-4	230/400/480	229.8/132.7/132.7	75/75/90	50/50/60	4
TM280M-4	230/400/480	274.5/158.5/158.5	90/90/99	50/50/60	4
TM315S-4	230/400/480	332.4/191.92/191.92	110/110/121	50/50/60	4
TM315M-4	230/400/480	395.6/228.4/228.4	132/132/145	50/50/60	4
TM561-4	400/690/480	0.3/0.17/0.3	0.06/0.06/0.072	50/50/60	4
TM562-4	400/690/480	0.43/0.25/0.43	0.09/0.09/0.108	50/50/60	4
TM563-4	400/690/480	0.53/0.31/0.53	0.12/0.12/0.144	50/50/60	4
TM631-4	400/690/480	0.47/0.27/0.47	0.12/0.12/0.216	50/50/60	4
TM632-4	400/690/480	0.68/0.39/0.68	0.18/0.18/0.216	50/50/60	4
TM633-4	400/690/480	0.91/0.53/0.91	0.25/0.25/0.3	50/50/60	4
TM711-4	400/690/480	0.91/0.53/0.91	0.25/0.25/0.3	50/50/60	4
TM712-4	400/690/480	1.11/0.64/1.11	0.37/0.37/0.444	50/50/60	4
TM713-4	400/690/480	1.6/0.92/1.6	0.55/0.55/0.66	50/50/60	4
TM801-4	400/690/480	1.58/0.91/1.58	0.55/0.55/0.6	50/50/60	4
TM802-4	400/690/480	1.93/1.11/1.93	0.75/0.75/0.9	50/50/60	4
TM803-4	400/690/480	2.67/1.54/2.67	1.1/1.1/1.32	50/50/60	4
TM90S-4	400/690/480	2.64/1.52/2.64	1.1/1.1/1.32	50/50/60	4
TM90L-4	400/690/480	3.45/1.99/3.45	1.5/1.5/1.8	50/50/60	4
TM90L2-4	400/690/480	4.90/2.83/4.90	2.2/2.2/2.64	50/50/60	4
TM100L1-4	400/690/480	4.84/2.79/4.84	2.2/2.2/2.64	50/50/60	4

TM100L2-4	400/690/480	7.0/4.04/7.0	3.0/3.0/3.6	50/50/60	4
TM100L3-4	400/690/480	8.36/4.83/8.36	4.0/4.0/4.8	50/50/60	4
TM112M-4	400/690/480	8.26/4.77/8.26	4.0/4.0/4.8	50/50/60	4
TM112L-4	400/690/480	11.16/6.44/11.16	5.5/5.5/6.6	50/50/60	4
TM132S-4	400/690/480	11.03/6.37/11.03	5.5/5.5/6.6	50/50/60	4
TM132M-4	400/690/480	14.64/8.45/14.64	7.5/7.5/9.0	50/50/60	4
TM132L1-4	400/690/480	17.85/10.31/17.85	9.2/9.2/11	50/50/60	4
TM132L2-4	400/690/480	19.3/11.14/19.3	10/10/12	50/50/60	4
TM132L3-4	400/690/480	20.88/12.06/20.88	11/11/13.2	50/50/60	4
TM160M-4	400/690/480	20.64/11.92/20.64	11/11/13.2	50/50/60	4
TM160L-4	400/690/480	28.15/16.25/28.15	15/15/18	50/50/60	4
TM160L2-4	400/690/480	34.5/20/34.5	18.5/18.5/22.2	50/50/60	4
TM180M-4	400/690/480	34.3/19.80/34.3	18.5/18.5/22	50/50/60	4
TM180L-4	400/690/480	40.6/23.44/40.6	22/22/26.4	50/50/60	4
TM200L-4	400/690/480	66.36/38.47/66.36	37/37/44.4	50/50/60	4
TM225S-4	400/690/480	66.4/38.34/66.4	37/37/44.4	50/50/60	4
TM225M-4	400/690/480	80.5/46.48/80.5	45/45/54	50/50/60	4
TM225M2-4	400/690/480	97.59/56.57/97.59	55/55/66	50/50/60	4
TM250M-4	400/690/480	98.1/56.64/98.1	55/55/66	50/50/60	4
TM280S-4	400/690/480	132.7/76.61/132.7	75/75/90	50/50/60	4
TM280M-4	400/690/480	158.5/91.51/158.5	90/90/99	50/50/60	4
TM315S-4	400/690/480	191.92/110.68/191.92	110/110/121	50/50/60	4
TM315M-4	400/690/480	228.4/131.87/228.4	132/132/145	50/50/60	4
TM315L1-4	400/690/480	273.43/158.51/273.43	160/160/192	50/50/60	4
TM315L2-4	400/690/480	341.43/197.93/341.43	200/200/240	50/50/60	4
TM631-6	230/400/480	0.88/0.51/0.51	0.09/0.09/0.108	50/50/60	6
TM632-6	230/400/480	1.08/0.62/0.62	0.12/0.12/0.144	50/50/60	6
TM711-6	230/400/480	1.22/0.7/0.7	0.18/0.18/0.216	50/50/60	6
TM712-6	230/400/480	1.51/0.87/0.87	0.25/0.25/0.3	50/50/60	6
TM713-6	230/400/480	2.2/1.2/1.27	0.37/0.3/0.444	50/50/60	6
TM801-6	230/400/480	2.13/1.23/1.23	0.37/0.37/0.40	50/50/60	6
TM802-6	230/400/480	2.85/1.65/1.65	0.55/0.55/0.6	50/50/60	6
TM803-6	230/400/480	3.83/2.21/2.21	0.75/0.75/0.9	50/50/60	6
TM90S-6	230/400/480	3.77/2.18/2.18	0.75/0.75/0.9	50/50/60	6
TM90L-6	230/400/480	5.23/3.02/3.02	1.1/1.1/1.32	50/50/60	6
TM100L-6	230/400/480	6.67/3.85/3.85	1.5/1.5/1.8	50/50/60	6
TM112M-6	230/400/480	9.28/5.36/5.36	2.2/2.2/2.64	50/50/60	6
TM132S-6	230/400/480	12.49/7.21/7.21	3.0/3.0/3.6	50/50/60	6
TM132M1-6	230/400/480	16.35/9.44/9.44	4.0/4.0/4.8	50/50/60	6
TM132M2-6	230/400/480	21.51/12.42/12.42	5.5/5.5/6.6	50/50/60	6

TM132L-6	230/400/480	28.65/16.54/16.54	7.5/7.5/9.0	50/50/60	6
TM160M-6	230/400/480	27.24/15.73/15.73	7.5/7.5/9.0	50/50/60	6
TM160L-6	230/400/480	39.78/22.97/22.97	11/11/13.2	50/50/60	6
TM180L-6	230/400/480	51.96/30/30	15/15/18	50/50/60	6
TM200L1-6	230/400/480	63.39/36.6/36.6	18.5/18.5/22	50/50/60	6
TM200L2-6	230/400/480	73.61/42.5/42.5	22/22/26.4	50/50/60	6
TM225M1-6	230/400/480	97.51/56.3/56.3	30/30/36	50/50/60	6
TM225M2-6	230/400/480	116.9/67.5/67.5	37/37/44.4	50/50/60	6
TM250M-6	230/400/480	116.9/67.5/67.5	37/37/44.4	50/50/60	6
TM280S-6	230/400/480	141.5/81.7/81.7	45/45/54	50/50/60	6
TM280M-6	230/400/480	172.3/99.5/99.5	55/55/66	50/50/60	6
TM315S-6	230/400/480	233.1/134.6/134.6	75/75/90	50/50/60	6
TM315M-6	230/400/480	279.0/161.1/161.1	90/90/99	50/50/60	6
TM315L1-6	230/400/480	339.7/196.1/196.1	110/110/121	50/50/60	6
TM315L2-6	230/400/480	402.7/232.48/232.48	132/132/145	50/50/60	6
TM631-6	400/690/480	0.51/0.29/0.51	0.09/0.09/0.108	50/50/60	6
TM632-6	400/690/480	0.62/0.36/0.62	0.12/0.12/0.144	50/50/60	6
TM711-6	400/690/480	0.7/0.4/0.7	0.18/0.18/0.216	50/50/60	6
TM712-6	400/690/480	0.87/0.5/0.87	0.25/0.25/0.3	50/50/60	6
TM713-6	400/690/480	1.27/0.73/1.27	0.37/0.3/0.444	50/50/60	6
TM801-6	400/690/480	1.23/0.71/1.23	0.37/0.37/0.40	50/50/60	6
TM802-6	400/690/480	1.65/0.95/1.65	0.55/0.55/0.6	50/50/60	6
TM803-6	400/690/480	2.21/1.28/2.21	0.75/0.75/0.9	50/50/60	6
TM90S-6	400/690/480	2.18/1.26/2.18	0.75/0.75/0.9	50/50/60	6
TM90L-6	400/690/480	3.02/1.74/3.02	1.1/1.1/1.32	50/50/60	6
TM100L-6	400/690/480	3.85/2.22/3.85	1.5/1.5/1.8	50/50/60	6
TM112M-6	400/690/480	5.36/3.09/5.36	2.2/2.2/2.64	50/50/60	6
TM132S-6	400/690/480	7.21/4.16/7.21	3.0/3.0/3.6	50/50/60	6
TM132M1-6	400/690/480	9.44/5.45/9.44	4.0/4.0/4.8	50/50/60	6
TM132M2-6	400/690/480	12.42/7.17/12.42	5.5/5.5/6.6	50/50/60	6
TM132L-6	400/690/480	16.54/9.55/16.54	7.5/7.5/9.0	50/50/60	6
TM160M-6	400/690/480	15.73/9.08/15.73	7.5/7.5/9.0	50/50/60	6
TM160L-6	400/690/480	22.97/13.26/22.97	11/11/13.2	50/50/60	6
TM180L-6	400/690/480	30.0/17.32/30.0	15/15/18	50/50/60	6
TM200L1-6	400/690/480	36.6/21.13/36.6	18.5/18.5/22	50/50/60	6
TM200L2-6	400/690/480	42.5/24.54/42.5	22/22/26.4	50/50/60	6
TM225M1-6	400/690/480	56.3/32.50/56.3	30/30/36	50/50/60	6
TM225M2-6	400/690/480	67.5/38.97/67.5	37/37/44.4	50/50/60	6
TM250M-6	400/690/480	67.5/38.97/67.5	37/37/44.4	50/50/60	6
TM280S-6	400/690/480	81.7/47.17/81.7	45/45/54	50/50/60	6
TM280M-6	400/690/480	99.5/57.45/99.5	55/55/66	50/50/60	6



TM315S-6	400/690/480	134.6/77.71/134.6	75/75/90	50/50/60	6
TM315M-6	400/690/480	161.1/93.01/161.1	90/90/99	50/50/60	6
TM315L1-6	400/690/480	196.1/113.22/196.1	110/110/121	50/50/60	6
TM315L2-6	400/690/480	232.48/134.77/232.48	132/132/145	50/50/60	6
TM711-8	230/400/480	0.84/0.48/0.48	0.09/0.09/0.108	50/50/60	8
TM712-8	230/400/480	1.0/0.58/0.58	0.12/0.12/0.144	50/50/60	8
TM801-8	230/400/480	1.45/0.84/0.84	0.18/0.18/0.22	50/50/60	8
TM802-8	230/400/480	1.83/1.06/1.06	0.25/0.25/0.3	50/50/60	8
TM803-8	230/400/480	2.33/1.35/1.35	0.37/0.37/0.44	50/50/60	8
TM90S-8	230/400/480	2.33/1.35/1.35	0.37/0.37/0.44	50/50/60	8
TM90L-8	230/400/480	3.21/1.85/1.85	0.55/0.55/0.66	50/50/60	8
TM100L1-8	230/400/480	4.24/2.45/2.45	0.75/0.75/0.9	50/50/60	8
TM100L2-8	230/400/480	5.54/3.2/3.2	1.1/1.1/1.32	50/50/60	8
TM112M-8	230/400/480	7.45/4.3/4.3	1.5/1.5/1.8	50/50/60	8
TM132S-8	230/400/480	10.33/5.96/5.96	2.2/2.2/2.64	50/50/60	8
TM132M-8	230/400/480	13.34/7.7/7.7	3.0/3.0/3.6	50/50/60	8
TM160M1-8	230/400/480	17.13/9.89/9.89	4.0/4.0/4.8	50/50/60	8
TM160M2-8	230/400/480	22.26/12.85/12.85	5.5/5.5/6.6	50/50/60	8
TM160L-8	230/400/480	29.44/17/17	7.5/7.5/9.0	50/50/60	8
TM180L-8	230/400/480	41.39/23.9/23.9	11/11/13.2	50/50/60	8
TM200L-8	230/400/480	56.12/32.4/32.4	15/15/18	50/50/60	8
TM200L2-8	230/400/480	67.72/39.1/39.1	18.5/18.5/22.2	50/50/60	8
TM225S-8	230/400/480	67.72/39.1/39.1	18.5/18.5/22.2	50/50/60	8
TM225M-8	230/400/480	77.97/45/45	22/22/26.4	50/50/60	8
TM250M-8	230/400/480	109.8/63.4/63.4	30/30/36	50/50/60	8
TM280S-8	230/400/480	128.0/73.9/73.9	37/37/44.4	50/50/60	8
TM280M-8	230/400/480	154.8/89.4/89.4	45/45/54	50/50/60	8
TM315S-8	230/400/480	182.9/105.6/105.6	55/55/66	50/50/60	8
TM315M-8	230/400/480	248.9/143.7/143.7	75/75/90	50/50/60	8
TM315L1-8	230/400/480	292.5/168.9/168.9	90/90/99	50/50/60	8
TM315L2-8	230/400/480	356.8/206/206	110/110/121	50/50/60	8
TM711-8	400/690/480	0.48/0.28/0.48	0.09/0.09/0.108	50/50/60	8
TM712-8	400/690/480	0.58/0.33/0.58	0.12/0.12/0.144	50/50/60	8
TM801-8	400/690/480	0.84/0.48/0.84	0.18/0.18/0.22	50/50/60	8
TM802-8	400/690/480	1.06/0.61/1.06	0.25/0.25/0.3	50/50/60	8
TM803-8	400/690/480	1.35/0.78/1.35	0.37/0.37/0.44	50/50/60	8
TM90S-8	400/690/480	1.35/0.78/1.35	0.37/0.37/0.44	50/50/60	8
TM90L-8	400/690/480	1.85/1.07/1.85	0.55/0.55/0.66	50/50/60	8
TM100L1-8	400/690/480	2.45/1.41/2.45	0.75/0.75/0.9	50/50/60	8
TM100L2-8	400/690/480	3.2/1.85/3.2	1.1/1.1/1.32	50/50/60	8
TM112M-8	400/690/480	4.3/2.48/4.3	1.5/1.5/1.8	50/50/60	8

TM132S-8	400/690/480	5.96/3.44/5.96	2.2/2.2/2.64	50/50/60	8
TM132M-8	400/690/480	7.7/4.45/7.7	3.0/3.0/3.6	50/50/60	8
TM160M1-8	400/690/480	9.89/5.71/9.89	4.0/4.0/4.8	50/50/60	8
TM160M2-8	400/690/480	12.85/7.42/12.85	5.5/5.5/6.6	50/50/60	8
TM160L-8	400/690/480	17.0/9.8/17.0	7.5/7.5/9.0	50/50/60	8
TM180L-8	400/690/480	23.9/13.80/23.9	11/11/13.2	50/50/60	8
TM200L-8	400/690/480	32.4/18.71/32.4	15/15/18	50/50/60	8
TM200L2-8	400/690/480	39.1/22.6/39.1	18.5/18.5/22.2	50/50/60	8
TM225S-8	400/690/480	39.1/22.57/39.1	18.5/18.5/22.2	50/50/60	8
TM225M-8	400/690/480	45.0/25.98/45.0	22/22/26.4	50/50/60	8
TM250M-8	400/690/480	63.4/36.6/63.4	30/30/36	50/50/60	8
TM280S-8	400/690/480	73.9/42.67/73.9	37/37/44.4	50/50/60	8
TM280M-8	400/690/480	89.4/51.62/89.4	45/45/54	50/50/60	8
TM315S-8	400/690/480	105.6/60.97/105.6	55/55/66	50/50/60	8
TM315M-8	400/690/480	143.7/82.97/143.7	75/75/90	50/50/60	8
TM315L1-8	400/690/480	168.9/97.51/168.9	90/90/99	50/50/60	8
TM315L2-8	400/690/480	206/119/206	110/110/121	50/50/60	8
TM561-2	575	0.24	0.09	60	2
TM562-2	575	0.28	0.12	60	2
TM563-2	575	0.39	0.18	60	2
TM631-2	575	0.38	0.18	60	2
TM632-2	575	0.49	0.25	60	2
TM633-2	575	0.73	0.37	60	2
TM711-2	575	0.67	0.37	60	2
TM712-2	575	0.99	0.55	60	2
TM713-2	575	1.27	0.75	60	2
TM801-2	575	1.23	0.75	60	2
TM802-2	575	1.75	1.1	60	2
TM803-2	575	2.31	1.5	60	2
TM90S-2	575	2.28	1.5	60	2
TM90L-2	575	3.21	2.2	60	2
TM90L2-2	575	4.24	3	60	2
TM100L-2	575	4.19	3	60	2
TM100L2-2	575	5.48	4	60	2
TM112M-2	575	5.48	4	60	2
TM112L1-2	575	7.33	5.5	60	2
TM132S1-2	575	7.33	5.5	60	2
TM132S2-2	575	9.84	7.5	60	2
TM132M1-2	575	12	9.2	60	2
TM132M2-2	575	13.9	11	60	2

TM160M1-2	575	13.9	11	60	2
TM160M2-2	575	18.5	15	60	2
TM160L-2	575	22.7	18.5	60	2
TM180M-2	575	27.3	22	60	2
TM180L-2	575	36.7	30	60	2
TM200L1-2	575	36.7	30	60	2
TM200L2-2	575	44.9	37	60	2
TM225M-2	575	54.40	45	60	2
TM225M2-2	575	66.20	55	60	2
TM250M-2	575	66.34	55	60	2
TM250M2-2	575	90.65	75	60	2
TM280S-2	575	90.00	75	60	2
TM280M-2	575	106.00	90	60	2
TM315S-2	575	129.20	110	60	2
TM315M-2	575	154.20	132	60	2
TM315L1-2	575	184.60	160	60	2
TM315L2-2	575	230.30	200	60	2
TM561-4	575	0.21	0.06	60	4
TM562-4	575	0.3	0.09	60	4
TM563-4	575	0.37	0.12	60	4
TM631-4	575	0.33	0.12	60	4
TM632-4	575	0.47	0.18	60	4
TM633-4	575	0.63	0.25	60	4
TM711-4	575	0.63	0.25	60	4
TM712-4	575	0.77	0.37	60	4
TM713-4	575	1.11	0.55	60	4
TM801-4	575	1.1	0.55	60	4
TM802-4	575	1.34	0.75	60	4
TM803-4	575	1.86	1.1	60	4
TM90S-4	575	1.84	1.1	60	4
TM90L-4	575	2.4	1.5	60	4
TM90L2-4	575	3.41	2.2	60	4
TM100L1-4	575	3.37	2.2	60	4
TM100L2-4	575	4.87	3	60	4
TM100L3-4	575	5.82	4	60	4
TM112M-4	575	5.75	4	60	4
TM112L-4	575	7.76	5.5	60	4
TM132S-4	575	7.67	5.5	60	4
TM132M-4	575	10.2	7.5	60	4
TM132L1-4	575	12.4	9.2	60	4
TM132L2-4	575	13.4	10	60	4

TM132L3-4	575	14.5	11	60	4
TM160M-4	575	14.4	11	60	4
TM160L-4	575	19.6	15	60	4
TM160L2-4	575	23.9	18.5	60	4
TM180M-4	575	23.9	18.5	60	4
TM180L-4	575	28.2	22	60	4
TM200L-4	575	38.1	30	60	4
TM225S-4	575	46.2	37	60	4
TM225M-4	575	56	45	60	4
TM225M2-4	575	68	55	60	4
TM250M-4	575	68.3	55	60	4
TM280S-4	575	92.3	75	60	4
TM280M-4	575	110.3	90	60	4
TM315S-4	575	133	110	60	4
TM315M-4	575	160	132	60	4
TM315L1-4	575	190.2	160	60	4
TM315L2-4	575	237.5	200	60	4
TM631-6	575	0.35	0.09	60	6
TM632-6	575	0.43	0.12	60	6
TM711-6	575	0.49	0.18	60	6
TM712-6	575	0.61	0.25	60	6
TM713-6	575	0.88	0.37	60	6
TM801-6	575	0.86	0.37	60	6
TM802-6	575	1.15	0.55	60	6
TM803-6	575	1.54	0.75	60	6
TM90S-6	575	1.52	0.75	60	6
TM90L-6	575	2.1	1.1	60	6
TM100L-6	575	2.68	1.5	60	6
TM112M-6	575	3.73	2.2	60	6
TM132S-6	575	5.02	3.0	60	6
TM132M1-6	575	6.57	4	60	6
TM132M2-6	575	8.64	5.5	60	6
TM132L-6	575	11.5	7.5	60	6
TM160M-6	575	10.9	7.5	60	6
TM160L-6	575	16	11	60	6
TM180L-6	575	20.9	15	60	6
TM200L1-6	575	25.5	18.5	60	6
TM200L2-6	575	29.6	22	60	6
TM225M1-6	575	39.2	30	60	6
TM225M2-6	575	47.2	37	60	6

TM250M-6	575	47	37	60	6
TM280S-6	575	57	45	60	6
TM280M-6	575	69.2	55	60	6
TM315S-6	575	93.7	75	60	6
TM315M-6	575	112	90	60	6
TM315L1-6	575	136.7	110	60	6
TM315L2-6	575	161.8	132	60	6
TM711-8	575	0.33	0.09	60	8
TM712-8	575	0.4	0.12	60	8
TM801-8	575	0.58	0.18	60	8
TM802-8	575	0.74	0.25	60	8
TM803-8	575	0.94	0.37	60	8
TM90S-8	575	0.94	0.37	60	8
TM90L-8	575	1.29	0.55	60	8
TM100L1-8	575	1.7	0.75	60	8
TM100L2-8	575	2.23	1.1	60	8
TM112M-8	575	2.99	1.5	60	8
TM132S-8	575	4.15	2.2	60	8
TM132M-8	575	5.36	3	60	8
TM160M1-8	575	6.88	4	60	8
TM160M2-8	575	8.94	5.5	60	8
TM160L-8	575	11.8	7.5	60	8
TM180L-8	575	16.6	11	60	8
TM200L-8	575	22.5	15	60	8
TM200L2-8	575	27.2	18.5	60	8
TM225S-8	575	27.2	18.5	60	8
TM225M-8	575	31.3	22	60	8
TM250M-8	575	41.9	30	60	8
TM280S-8	575	51.4	37	60	8
TM280M-8	575	62.17	45	60	8
TM315S-8	575	73.5	55	60	8
TM315M-8	575	100	75	60	8
TM315L1-8	575	117.5	90	60	8
TM315L2-8	575	143.3	110	60	8

TEAO, TMV Series, Models as follow:

Model	Voltage (V)	Ampere (A)	Frequency (HZ)	Pole (No.)
TMV561-2	230/400/480	0.61/0.35/0.35	50/50/60	2
TMV562-2	230/400/480	0.7/0.4/0.4	50/50/60	2

TMV563-2	230/400/480	0.96/0.56/0.56	50/50/60	2
TMV631-2	230/400/480	0.95/0.55/0.55	50/50/60	2
TMV632-2	230/400/480	1.23/0.71/0.71	50/50/60	2
TMV633-2	230/400/480	1.82/1.05/1.05	50/50/60	2
TMV711-2	230/400/480	1.67/0.97/0.97	50/50/60	2
TMV712-2	230/400/480	2.45/1.42/1.42	50/50/60	2
TMV713-2	230/400/480	3.18/1.83/1.83	50/50/60	2
TMV801-2	230/400/480	3.06/1.77/1.77	50/50/60	2
TMV802-2	230/400/480	4.35/2.51/2.51	50/50/60	2
TMV803-2	230/400/480	5.87/3.32/3.32	50/50/60	2
TMV90S-2	230/400/480	5.76/3.28/3.28	50/50/60	2
TMV90L-2	230/400/480	8.0/4.61/4.61	50/50/60	2
TMV90L2-2	230/400/480	10.56/6.10/6.10	50/50/60	2
TMV100L-2	230/400/480	10.44/6.03/6.03	50/50/60	2
TMV100L2-2	230/400/480	13.65/7.88/7.88	50/50/60	2
TMV112M-2	230/400/480	13.65/7.88/7.88	50/50/60	2
TMV112L1-2	230/400/480	18.24/10.53/10.53	50/50/60	2
TMV132S1-2	230/400/480	18.24/10.53/10.53	50/50/60	2
TMV132S2-2	230/400/480	24.19/14.14/14.14	50/50/60	2
TMV132M1-2	230/400/480	29.88/17.25/17.25	50/50/60	2
TMV132M2-2	230/400/480	34.57/19.96/19.96	50/50/60	2
TMV160M1-2	230/400/480	34.57/19.96/19.96	50/50/60	2
TMV160M2-2	230/400/480	46.09/26.61/26.61	50/50/60	2
TMV160L-2	230/400/480	56.46/32.6/32.6	50/50/60	2
TMV180M-2	230/400/480	67.89/39.2/39.2	50/50/60	2
TMV180L-2	230/400/480	91.45/52.8/52.8	50/50/60	2
TMV200L1-2	230/400/480	91.45/52.8/52.8	50/50/60	2
TMV200L2-2	230/400/480	111.7/64.5/64.5	50/50/60	2
TMV225M-2	230/400/480	135.4/78.5/78.2	50/50/60	2
TMV225M2-2	230/400/480	165.48/95.15/95.15	50/50/60	2
TMV250M-2	230/400/480	165.2/95.4/95.4	50/50/60	2
TMV250M2-2	230/400/480	226.4/130.32/130.32	50/50/60	2
TMV280S-2	230/400/480	224/129.3/129.3	50/50/60	2
TMV280M-2	230/400/480	263.6/152.19/152.19	50/50/60	2
TMV315S-2	230/400/480	321.5/185.6/185.6	50/50/60	2
TMV315M-2	230/400/480	383.8/221.6/221.6	50/50/60	2
TMV561-2	400/690/480	0.35/0.20/0.35	50/50/60	2
TMV562-2	400/690/480	0.4/0.23/0.4	50/50/60	2
TMV563-2	400/690/480	0.56/0.32/0.56	50/50/60	2
TMV631-2	400/690/480	0.55/0.32/0.55	50/50/60	2
TMV632-2	400/690/480	0.71/0.41/0.71	50/50/60	2

TMV633-2	400/690/480	1.05/0.61/1.05	50/50/60	2
TMV711-2	400/690/480	0.97/0.56/0.97	50/50/60	2
TMV712-2	400/690/480	1.42/0.82/1.42	50/50/60	2
TMV713-2	400/690/480	1.83/1.06/1.83	50/50/60	2
TMV801-2	400/690/480	3.06/1.77/1.77	50/50/60	2
TMV802-2	400/690/480	4.35/2.51/2.51	50/50/60	2
TMV803-2	400/690/480	3.32/1.92/3.32	50/50/60	2
TMV90S-2	400/690/480	3.28/1.89/3.28	50/50/60	2
TMV90L-2	400/690/480	4.61/2.66/4.61	50/50/60	2
TMV90L2-2	400/690/480	6.10/3.52/6.10	50/50/60	2
TMV100L-2	400/690/480	6.03/3.48/6.03	50/50/60	2
TMV100L2-2	400/690/480	7.88/4.55/7.88	50/50/60	2
TMV112M-2	400/690/480	7.88/4.55/7.88	50/50/60	2
TMV112L1-2	400/690/480	10.53/6.08/10.53	50/50/60	2
TMV132S1-2	400/690/480	10.53/6.08/10.53	50/50/60	2
TMV132S2-2	400/690/480	14.14/8.16/14.14	50/50/60	2
TMV132M1-2	400/690/480	17.25/9.96/17.25	50/50/60	2
TMV132M2-2	400/690/480	19.96/11.52/19.96	50/50/60	2
TMV160M1-2	400/690/480	19.96/11.52/19.96	50/50/60	2
TMV160M2-2	400/690/480	26.61/15.36/26.61	50/50/60	2
TMV160L-2	400/690/480	32.6/18.82/32.6	50/50/60	2
TMV180M-2	400/690/480	39.2/22.63/39.2	50/50/60	2
TMV180L-2	400/690/480	52.8/30.48/52.8	50/50/60	2
TMV200L1-2	400/690/480	52.8/30.48/52.8	50/50/60	2
TMV200L2-2	400/690/480	64.5/37.39/64.5	50/50/60	2
TMV225M-2	400/690/480	78.2/45.15/78.2	50/50/60	2
TMV225M2-2	400/690/480	95.15/55.16/95.15	50/50/60	2
TMV250M-2	400/690/480	95.4/55.08/95.4	50/50/60	2
TMV250M2-2	400/690/480	130.32/75.55/130.32	50/50/60	2
TMV280S-2	400/690/480	129.3/74.65/129.3	50/50/60	2
TMV280M-2	400/690/480	152.19/88.22/152.19	50/50/60	2
TMV315S-2	400/690/480	185.6/107.16/185.6	50/50/60	2
TMV315M-2	400/690/480	221.6/127.94/221.6	50/50/60	2
TMV315L1-2	400/690/480	265.35/160.82/265.35	50/50/60	2
TMV315L2-2	400/690/480	331/192/331	50/50/60	2
TMV561-4	230/400/480	0.52/0.3/0.3	50/50/60	4
TMV562-4	230/400/480	0.74/0.43/0.43	50/50/60	4
TMV563-4	230/400/480	0.92/0.53/0.53	50/50/60	4
TMV631-4	230/400/480	0.82/0.47/0.47	50/50/60	4
TMV632-4	230/400/480	1.17/0.68/0.68	50/50/60	4
TMV633-4	230/400/480	1.58/0.91/0.91	50/50/60	4

TMV711-4	230/400/480	1.45/0.84/0.84	50/50/60	4
TMV712-4	230/400/480	1.92/1.11/1.11	50/50/60	4
TMV713-4	230/400/480	2.78/1.6/1.6	50/50/60	4
TMV801-4	230/400/480	2.74/1.58/1.58	50/50/60	4
TMV802-4	230/400/480	3.34/1.93/1.93	50/50/60	4
TMV803-4	230/400/480	4.63/2.67/2.67	50/50/60	4
TMV90S-4	230/400/480	4.57/2.64/2.64	50/50/60	4
TMV90L-4	230/400/480	5.97/3.45/3.45	50/50/60	4
TMV90L2-4	230/400/480	8.45/4.90/4.90	50/50/60	4
TMV100L1-4	230/400/480	8.38/4.84/4.84	50/50/60	4
TMV100L2-4	230/400/480	12.1/7.0/7.0	50/50/60	4
TMV100L3-4	230/400/480	14.48/8.36/8.36	50/50/60	4
TMV112M-4	230/400/480	14.31/8.26/8.26	50/50/60	4
TMV112L-4	230/400/480	19.33/11.16/11.16	50/50/60	4
TMV132S-4	230/400/480	19.1/11.03/11.03	50/50/60	4
TMV132M-4	230/400/480	25.36/14.64/14.64	50/50/60	4
TMV132L1-4	230/400/480	30.92/17.85/17.85	50/50/60	4
TMV132L2-4	230/400/480	33.43/19.30/19.30	50/50/60	4
TMV132L3-4	230/400/480	36.16/20.88/20.88	50/50/60	4
TMV160M-4	230/400/480	35.75/20.64/20.64	50/50/60	4
TMV160L-4	230/400/480	48.76/28.15/28.15	50/50/60	4
TMV160L2-4	230/400/480	60/34.5/34.5	50/50/60	4
TMV180M-4	230/400/480	59.41/34.3/34.3	50/50/60	4
TMV180L-4	230/400/480	70.32/40.6/40.6	50/50/60	4
TMV200L-4	230/400/480	94.74/54.7/54.7	50/50/60	4
TMV225S-4	230/400/480	115/66.4/66.4	50/50/60	4
TMV225M-4	230/400/480	139.4/80.5/80.5	50/50/60	4
TMV225M2-4	230/400/480	169.72/97.59/97.59	50/50/60	4
TMV250M-4	230/400/480	169.9/98.1/98.1	50/50/60	4
TMV280S-4	230/400/480	229.8/132.7/132.7	50/50/60	4
TMV280M-4	230/400/480	274.5/158.5/158.5	50/50/60	4
TMV315S-4	230/400/480	332.4/191.92/191.92	50/50/60	4
TMV315M-4	230/400/480	395.6/228.4/228.4	50/50/60	4
TMV561-4	400/690/480	0.3/0.17/0.3	50/50/60	4
TMV562-4	400/690/480	0.43/0.25/0.43	50/50/60	4
TMV563-4	400/690/480	0.53/0.31/0.53	50/50/60	4
TMV631-4	400/690/480	0.47/0.27/0.47	50/50/60	4
TMV632-4	400/690/480	0.68/0.39/0.68	50/50/60	4
TMV633-4	400/690/480	0.91/0.53/0.91	50/50/60	4
TMV711-4	400/690/480	0.84/0.48/0.84	50/50/60	4



TMV712-4	400/690/480	1.11/0.64/1.11	50/50/60	4
TMV713-4	400/690/480	1.6/0.92/1.6	50/50/60	4
TMV801-4	400/690/480	1.58/0.91/1.58	50/50/60	4
TMV802-4	400/690/480	1.93/1.11/1.93	50/50/60	4
TMV803-4	400/690/480	2.67/1.54/2.67	50/50/60	4
TMV90S-4	400/690/480	2.64/1.52/2.64	50/50/60	4
TMV90L-4	400/690/480	3.45/1.99/3.45	50/50/60	4
TMV90L2-4	400/690/480	4.90/2.83/4.90	50/50/60	4
TMV100L1-4	400/690/480	4.84/2.79/4.84	50/50/60	4
TMV100L2-4	400/690/480	7.0/4.04/7.0	50/50/60	4
TMV100L3-4	400/690/480	8.36/4.83/8.36	50/50/60	4
TMV112M-4	400/690/480	8.26/4.77/8.26	50/50/60	4
TMV112L-4	400/690/480	11.16/6.44/11.16	50/50/60	4
TMV132S-4	400/690/480	11.03/6.37/11.03	50/50/60	4
TMV132M-4	400/690/480	14.64/8.45/14.64	50/50/60	4
TMV132L1-4	400/690/480	17.85/10.31/17.85	50/50/60	4
TMV132L2-4	400/690/480	19.30/11.14/19.30	50/50/60	4
TMV132L3-4	400/690/480	20.88/12.06/20.88	50/50/60	4
TMV160M-4	400/690/480	20.64/11.92/20.64	50/50/60	4
TMV160L-4	400/690/480	28.15/16.25/28.15	50/50/60	4
TMV160L2-4	400/690/480	34.5/20/34.5	50/50/60	4
TMV180M-4	400/690/480	34.3/19.80/34.3	50/50/60	4
TMV180L-4	400/690/480	40.6/23.44/40.6	50/50/60	4
TMV200L-4	400/690/480	54.7/31.58/54.7	50/50/60	4
TMV225S-4	400/690/480	66.4/38.34/66.4	50/50/60	4
TMV225M-4	400/690/480	80.5/46.48/80.5	50/50/60	4
TMV225M2-4	400/690/480	97.59/56.57/97.59	50/50/60	4
TMV250M-4	400/690/480	98.1/56.64/98.1	50/50/60	4
TMV280S-4	400/690/480	132.7/76.61/132.7	50/50/60	4
TMV280M-4	400/690/480	158.5/91.51/158.5	50/50/60	4
TMV315S-4	400/690/480	191.92/110.68/191.92	50/50/60	4
TMV315M-4	400/690/480	228.4/131.87/228.4	50/50/60	4
TMV315L1-4	400/690/480	273.43/158.51/273.43	50/50/60	4
TMV315L2-4	400/690/480	341.43/197.93/341.43	50/50/60	4
TMV631-6	230/400/480	0.88/0.51/0.51	50/50/60	6
TMV632-6	230/400/480	1.08/0.62/0.62	50/50/60	6
TMV711-6	230/400/480	1.22/0.7/0.7	50/50/60	6
TMV712-6	230/400/480	1.51/0.87/0.87	50/50/60	6
TMV713-6	230/400/480	2.2/1.27/1.27	50/50/60	6
TMV801-6	230/400/480	2.13/1.23/1.23	50/50/60	6
TMV802-6	230/400/480	2.85/1.65/1.65	50/50/60	6

TMV803-6	230/400/480	3.83/2.21/2.21	50/50/60	6
TMV90S-6	230/400/480	3.77/2.18/2.18	50/50/60	6
TMV90L-6	230/400/480	5.23/3.02/3.02	50/50/60	6
TMV100L-6	230/400/480	6.67/3.85/3.85	50/50/60	6
TMV112M-6	230/400/480	9.28/5.36/5.36	50/50/60	6
TMV132S-6	230/400/480	12.49/7.21/7.21	50/50/60	6
TMV132M1-6	230/400/480	16.35/9.44/9.44	50/50/60	6
TMV132M2-6	230/400/480	21.51/12.42/12.42	50/50/60	6
TMV132L-6	230/400/480	28.65/16.54/16.54	50/50/60	6
TMV160M-6	230/400/480	27.24/15.73/15.73	50/50/60	6
TMV160L-6	230/400/480	39.78/22.97/22.97	50/50/60	6
TMV180L-6	230/400/480	51.96/30/30	50/50/60	6
TMV200L1-6	230/400/480	63.39/36.6/36.6	50/50/60	6
TMV200L2-6	230/400/480	73.61/42.5/42.5	50/50/60	6
TMV225M1-6	230/400/480	97.51/56.3/56.3	50/50/60	6
TMV225M2-6	230/400/480	116.9/67.5/67.5	50/50/60	6
TMV250M-6	230/400/480	116.9/67.5/67.5	50/50/60	6
TMV280S-6	230/400/480	141.5/81.7/81.7	50/50/60	6
TMV280M-6	230/400/480	172.3/99.5/99.5	50/50/60	6
TMV315S-6	230/400/480	233.1/134.6/134.6	50/50/60	6
TMV315M-6	230/400/480	279.0/161.1/161.1	50/50/60	6
TMV315L1-6	230/400/480	339.7/196.1/196.1	50/50/60	6
TMV315L2-6	230/400/480	402.7/232.48/232.48	50/50/60	6
TMV631-6	400/690/480	0.51/0.29/0.51	50/50/60	6
TMV632-6	400/690/480	0.62/0.36/0.62	50/50/60	6
TMV711-6	400/690/480	0.7/0.4/0.7	50/50/60	6
TMV712-6	400/690/480	0.87/0.5/0.87	50/50/60	6
TMV713-6	400/690/480	1.27/0.73/1.27	50/50/60	6
TMV801-6	400/690/480	1.23/0.71/1.23	50/50/60	6
TMV802-6	400/690/480	1.65/0.95/1.65	50/50/60	6
TMV803-6	400/690/480	2.21/1.28/2.21	50/50/60	6
TMV90S-6	400/690/480	2.18/1.26/2.18	50/50/60	6
TMV90L-6	400/690/480	3.02/1.74/3.02	50/50/60	6
TMV100L-6	400/690/480	3.85/2.22/3.85	50/50/60	6
TMV112M-6	400/690/480	5.36/3.09/5.36	50/50/60	6
TMV132S-6	400/690/480	7.21/4.16/7.21	50/50/60	6
TMV132M1-6	400/690/480	9.44/5.45/9.44	50/50/60	6
TMV132M2-6	400/690/480	12.42/7.17/12.42	50/50/60	6
TMV132L-6	400/690/480	16.54/9.55/16.54	50/50/60	6
TMV160M-6	400/690/480	15.73/9.08/15.73	50/50/60	6
TMV160L-6	400/690/480	22.97/13.26/22.97	50/50/60	6

TMV180L-6	400/690/480	30.0/17.32/30.0	50/50/60	6
TMV200L1-6	400/690/480	36.6/21.13/36.6	50/50/60	6
TMV200L2-6	400/690/480	42.5/24.54/42.5	50/50/60	6
TMV225M1-6	400/690/480	56.3/32.50/56.3	50/50/60	6
TMV225M2-6	400/690/480	67.5/38.97/67.5	50/50/60	6
TMV250M-6	400/690/480	67.5/38.97/67.5	50/50/60	6
TMV280S-6	400/690/480	81.7/47.17/81.7	50/50/60	6
TMV280M-6	400/690/480	99.5/57.45/99.5	50/50/60	6
TMV315S-6	400/690/480	134.6/77.71/134.6	50/50/60	6
TMV315M-6	400/690/480	161.1/93.01/161.1	50/50/60	6
TMV315L1-6	400/690/480	196.1/113.22/196.1	50/50/60	6
TMV315L2-6	400/690/480	232.48/134.77/232.48	50/50/60	6
TMV711-8	230/400/480	0.84/0.48/0.84	50/50/60	8
TMV712-8	230/400/480	1.0/0.58/0.58	50/50/60	8
TMV801-8	230/400/480	1.45/0.84/0.84	50/50/60	8
TMV802-8	230/400/480	1.83/1.06/1.06	50/50/60	8
TMV803-8	230/400/480	2.33/1.35/1.35	50/50/60	8
TMV90S-8	230/400/480	2.33/1.35/1.35	50/50/60	8
TMV90L-8	230/400/480	3.21/1.85/1.85	50/50/60	8
TMV100L1-8	230/400/480	4.24/2.45/2.45	50/50/60	8
TMV100L2-8	230/400/480	5.54/3.2/3.2	50/50/60	8
TMV112M-8	230/400/480	7.45/4.3/4.3	50/50/60	8
TMV132S-8	230/400/480	10.33/5.96/5.96	50/50/60	8
TMV132M-8	230/400/480	13.34/7.7/7.7	50/50/60	8
TMV160M1-8	230/400/480	17.13/9.89/9.89	50/50/60	8
TMV160M2-8	230/400/480	22.26/12.85/12.85	50/50/60	8
TMV160L-8	230/400/480	29.44/17/17	50/50/60	8
TMV180L-8	230/400/480	41.39/23.9/23.9	50/50/60	8
TMV200L-8	230/400/480	56.12/32.4/32.4	50/50/60	8
TMV200L2-8	230/400/480	67.72/39.1/39.1	50/50/60	8
TMV225S-8	230/400/480	67.72/39.1/39.1	50/50/60	8
TMV225M-8	230/400/480	77.97/45/45	50/50/60	8
TMV250M-8	230/400/480	109.8/63.4/63.4	50/50/60	8
TMV280S-8	230/400/480	128.0/73.9/73.9	50/50/60	8
TMV280M-8	230/400/480	154.8/89.4/89.4	50/50/60	8
TMV315S-8	230/400/480	182.9/105.6/105.6	50/50/60	8
TMV315M-8	230/400/480	248.9/143.7/143.7	50/50/60	8
TMV315L1-8	230/400/480	292.5/168.9/168.9	50/50/60	8
TMV315L2-8	230/400/480	356.8/206/206	50/50/60	8
TMV711-8	400/690/480	0.48/0.28/0.84	50/50/60	8

TMV712-8	400/690/480	0.58/0.33/0.58	50/50/60	8
TMV801-8	400/690/480	0.84/0.48/0.84	50/50/60	8
TMV802-8	400/690/480	1.06/0.61/1.06	50/50/60	8
TMV803-8	400/690/480	1.35/0.78/1.35	50/50/60	8
TMV90S-8	400/690/480	1.35/0.78/1.35	50/50/60	8
TMV90L-8	400/690/480	1.85/1.07/1.85	50/50/60	8
TMV100L1-8	400/690/480	2.45/1.41/2.45	50/50/60	8
TMV100L2-8	400/690/480	3.2/1.85/3.2	50/50/60	8
TMV112M-8	400/690/480	4.3/2.48/4.3	50/50/60	8
TMV132S-8	400/690/480	5.96/3.44/5.96	50/50/60	8
TMV132M-8	400/690/480	7.7/4.45/7.7	50/50/60	8
TMV160M1-8	400/690/480	9.89/5.71/9.89	50/50/60	8
TMV160M2-8	400/690/480	12.85/7.42/12.85	50/50/60	8
TMV160L-8	400/690/480	17.0/9.8/17.0	50/50/60	8
TMV180L-8	400/690/480	23.9/13.80/23.9	50/50/60	8
TMV200L-8	400/690/480	32.4/18.71/32.4	50/50/60	8
TMV200L2-8	400/690/480	39.1/22.6/39.1	50/50/60	8
TMV225S-8	400/690/480	39.1/22.57/39.1	50/50/60	8
TMV225M-8	400/690/480	45.0/25.98/45.0	50/50/60	8
TMV250M-8	400/690/480	63.4/36.6/63.4	50/50/60	8
TMV280S-8	400/690/480	73.9/42.67/73.9	50/50/60	8
TMV280M-8	400/690/480	89.4/51.62/89.4	50/50/60	8
TMV315S-8	400/690/480	105.6/60.97/105.6	50/50/60	8
TMV315M-8	400/690/480	143.7/82.97/143.7	50/50/60	8
TMV315L1-8	400/690/480	168.9/97.51/168.9	50/50/60	8
TMV315L2-8	400/690/480	206/119/206	50/50/60	8
TMV561-2	575	0.24	60	2
TMV562-2	575	0.28	60	2
TMV563-2	575	0.39	60	2
TMV631-2	575	0.38	60	2
TMV632-2	575	0.49	60	2
TMV633-2	575	0.73	60	2
TMV711-2	575	0.67	60	2
TMV712-2	575	0.99	60	2
TMV713-2	575	1.27	60	2
TMV801-2	575	1.23	60	2
TMV802-2	575	1.75	60	2
TMV803-2	575	2.31	60	2
TMV90S-2	575	2.28	60	2
TMV90L-2	575	3.21	60	2
TMV90L2-2	575	4.24	60	2

TMV100L-2	575	4.19	60	2
TMV100L2-2	575	5.48	60	2
TMV112M-2	575	5.48	60	2
TMV112L1-2	575	7.33	60	2
TMV132S1-2	575	7.33	60	2
TMV132S2-2	575	9.84	60	2
TMV132M1-2	575	12	60	2
TMV132M2-2	575	13.9	60	2
TMV160M1-2	575	13.9	60	2
TMV160M2-2	575	18.5	60	2
TMV160L-2	575	22.7	60	2
TMV180M-2	575	27.3	60	2
TMV180L-2	575	36.7	60	2
TMV200L1-2	575	36.7	60	2
TMV200L2-2	575	44.9	60	2
TMV225M-2	575	54.40	60	2
TMV225M2-2	575	66.20	60	2
TMV250M-2	575	66.34	60	2
TMV250M2-2	575	90.65	60	2
TMV280S-2	575	90.00	60	2
TMV280M-2	575	106.00	60	2
TMV315S-2	575	129.20	60	2
TMV315M-2	575	154.20	60	2
TMV315L1-2	575	184.60	60	2
TMV315L2-2	575	230.30	60	2
TMV561-4	575	0.21	60	4
TMV562-4	575	0.3	60	4
TMV563-4	575	0.37	60	4
TMV631-4	575	0.33	60	4
TMV632-4	575	0.47	60	4
TMV633-4	575	0.63	60	4
TMV711-4	575	0.58	60	4
TMV712-4	575	0.77	60	4
TMV713-4	575	1.11	60	4
TMV801-4	575	1.1	60	4
TMV802-4	575	1.34	60	4
TMV803-4	575	1.86	60	4
TMV90S-4	575	1.84	60	4
TMV90L-4	575	2.4	60	4
TMV90L2-4	575	3.41	60	4

TMV100L1-4	575	3.37	60	4
TMV100L2-4	575	4.87	60	4
TMV100L3-4	575	5.82	60	4
TMV112M-4	575	5.75	60	4
TMV112L-4	575	7.76	60	4
TMV132S-4	575	7.67	60	4
TMV132M-4	575	10.2	60	4
TMV132L1-4	575	12.4	60	4
TMV132L2-4	575	13.4	60	4
TMV132L3-4	575	14.5	60	4
TMV160M-4	575	14.4	60	4
TMV160L-4	575	19.6	60	4
TMV160L2-4	575	23.9	60	4
TMV180M-4	575	23.9	60	4
TMV180L-4	575	28.2	60	4
TMV200L-4	575	38.1	60	4
TMV225S-4	575	46.2	60	4
TMV225M-4	575	56	60	4
TMV225M2-4	575	68	60	4
TMV250M-4	575	68.3	60	4
TMV280S-4	575	92.3	60	4
TMV280M-4	575	110.3	60	4
TMV315S-4	575	133	60	4
TMV315M-4	575	160	60	4
TMV315L1-4	575	190.2	60	4
TMV315L2-4	575	237.5	60	4
TMV631-6	575	0.35	60	6
TMV632-6	575	0.43	60	6
TMV711-6	575	0.49	60	6
TMV712-6	575	0.61	60	6
TMV713-6	575	0.88	60	6
TMV801-6	575	0.86	60	6
TMV802-6	575	1.15	60	6
TMV803-6	575	1.54	60	6
TMV90S-6	575	1.52	60	6
TMV90L-6	575	2.1	60	6
TMV100L-6	575	2.68	60	6
TMV112M-6	575	3.73	60	6
TMV132S-6	575	5.02	60	6
TMV132M1-6	575	6.57	60	6
TMV132M2-6	575	8.64	60	6

TMV132L-6	575	11.5	60	6
TMV160M-6	575	10.9	60	6
TMV160L-6	575	16	60	6
TMV180L-6	575	20.9	60	6
TMV200L1-6	575	25.5	60	6
TMV200L2-6	575	29.6	60	6
TMV225M1-6	575	39.2	60	6
TMV225M2-6	575	47.2	60	6
TMV250M-6	575	47	60	6
TMV280S-6	575	57	60	6
TMV280M-6	575	69.2	60	6
TMV315S-6	575	93.7	60	6
TMV315M-6	575	112	60	6
TMV315L1-6	575	136.7	60	6
TMV315L2-6	575	161.8	60	6
TMV711-8	575	0.33	60	8
TMV712-8	575	0.4	60	8
TMV801-8	575	0.58	60	8
TMV802-8	575	0.74	60	8
TMV803-8	575	0.94	60	8
TMV90S-8	575	0.94	60	8
TMV90L-8	575	1.29	60	8
TMV100L1-8	575	1.7	60	8
TMV100L2-8	575	2.23	60	8
TMV112M-8	575	2.99	60	8
TMV132S-8	575	4.15	60	8
TMV132M-8	575	5.36	60	8
TMV160M1-8	575	6.88	60	8
TMV160M2-8	575	8.94	60	8
TMV160L-8	575	11.8	60	8
TMV180L-8	575	16.6	60	8
TMV200L-8	575	22.5	60	8
TMV200L2-8	575	27.2	60	8
TMV225S-8	575	27.2	60	8
TMV225M-8	575	31.3	60	8
TMV250M-8	575	41.9	60	8
TMV280S-8	575	51.4	60	8
TMV280M-8	575	62.17	60	8
TMV315S-8	575	73.5	60	8
TMV315M-8	575	100	60	8
TMV315L1-8	575	117.5	60	8

TMV315L2-8      575      143.3      60      8

- Squirrel cage induction motor, single phase, 4 pole, ODP, insulation Class F, 115/230 V, 60 Hz, continuous duty, max ambient 40C.

Model	HP	Input A	Frame	SF	Capacitor Type
SCD481/12Z4L	1/12	1.0/0.5	48	1.15	Capacitor run
SCD481/4Z4L	1/4	2.4/1.2	48	1.15	Capacitor run or Capacitor start
SCD561/3Z4L	1/3	3.4/1.7	56	1.15	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD561/2Z4L	1/2	4.6/2.3	56	1.15	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD563/4Z4L	3/4	7.8/3.9	56	1.15	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD561Z4L	1	13/6.5	56	1.15	Capacitor start or Capacitor start, Capacitor run
SCD561.5Z4L	1.5	13.6/6.8	56	1.15	Capacitor start or Capacitor start, Capacitor run
SCD182T2Z4L	2	20/10	182T	1.15	Capacitor start, Capacitor run
SCD184T3Z4L	3	26.6/13.3	184T	1.15	Capacitor start, Capacitor run
SCD213T5Z4L	5	43.4/21.7	213T	1.15	Capacitor start, Capacitor run
SCD213T7.5Z4L	7.5	63.8/31.9	213T	1.15	Capacitor start, Capacitor run
SCD215T10Z4L	10	79.8/39.9	215T	1.0	Capacitor start, Capacitor run

- Squirrel cage induction motor, single phase, 4 pole, TENV, SF 1.15, insulation Class F, 115/230 V, 60 Hz, continuous duty, max ambient 40C

Model	HP	Input A	Frame	Capacitor Type
SCF481/12Z4L	1/12	1.0/0.5	48	Capacitor run
SCF481/4Z4L	1/4	2.4/1.2	48	Capacitor run or Capacitor start
SCF561/3Z4L	1/3	3.6/1.8	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCF561/2Z4L	1/2	4.8/2.4	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run

- Squirrel cage induction motor, single phase, TEFC, insulation Class F, 115/230 V, 60 Hz, continuous duty, 4 pole, max ambient 40C.

Model	HP	A	Frame	SF	Capacitor Type
SCF563/4Z4L	3/4	7.6/3.8	56	1.15	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCF561Z4L	1	11.0/5.5	56	1.15	Capacitor start or Capacitor start, Capacitor run
SCF561.5Z4L	1.5	14/7	56	1.15	Capacitor start or Capacitor start, Capacitor run
SLF182T2Z4L	2	20.2/10.1	182T	1.15	Capacitor start, Capacitor run
SLF182T3Z4L	3	26.6/13.3	182T	1.15	Capacitor start, Capacitor run



SLF184T5Z4L	5	43.6/21.8	184T	1.15	Capacitor start, Capacitor run
SLF213T7.5Z4L	7.5	64/32	213T	1.15	Capacitor start, Capacitor run
SLF215T10Z4L	10	80/40	215T	1.0	Capacitor start, Capacitor run

- Squirrel cage induction motor, single phase, 2 pole, ODP, insulation Class F, 115/230 V, 60 Hz, continuous duty, SF 1.15 max ambient 40C.

Model	HP	Input A	Frame	Capacitor Time
SCD481/12Z2N	1/12	1.6/0.8	48	Capacitor run
SCD481/8Z2N	1/8	1.8/0.9	48	Capacitor run
SCD481/6Z2N	1/6	2.2/1.1	48	Capacitor run or Capacitor start
SCD481/4Z2N	1/4	3.2/1.6	48	Capacitor run or Capacitor start
SCD561/3Z2N	1/3	4.2/2.1	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD561/2Z2L	1/2	7.0/3.5	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD563/4Z2L	3/4	8.0/4.0	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD561Z2L	1	9/4.5	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCD5611/2Z2L	1.5	18/9	56	Capacitor start or Capacitor start, Capacitor run
SCD562Z2L	2	24/12	56	Capacitor start or Capacitor start, Capacitor run
SCD182T3Z2L	3	30/15	182T	Capacitor start, Capacitor run
SCD184T5Z2L	5	40/20	184T	Capacitor start, Capacitor run
SCD184T71/2Z2L	7.5	59/29.5	184T	Capacitor start, Capacitor run
SCD184T10Z2L	10	84/42	184T	Capacitor start, Capacitor run

- Squirrel cage induction motor, single phase, 2 pole, TENV, SF 1.15, Insulation Class F, 115/230 V, 60 Hz, continuous duty, max ambient 40C.

Model	HP	Input A	Frame	Capacitor Type
SCF481/12Z2N	1/12	1.6/0.8	48	Capacitor run
SCF481/8Z2N	1/8	1.8/0.9	48	Capacitor run
SCF481/6Z2N	1/6	2.2/1.1	48	Capacitor run or Capacitor start
SCF481/4Z2N	1/4	2.6/1.3	48	Capacitor run or Capacitor start
SCF561/3Z2N	1/3	3.6/1.8	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run

- Squirrel cage induction motor, single phase, 2 pole, TEFC, SF 1.15, Insulation Class F, 115/230 V, 60 Hz, continuous duty, max ambient 40C.

Model	HP	Input A	Frame	Capacitor Type
SCF561/2Z2L	1/2	4.2/2.1	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCF563/4Z2L	3/4	7.0/3.5	56	

Model	Phase	Line	Output	Notes
SCF561Z2L	1	10/5	56	Capacitor run or Capacitor start or Capacitor start, Capacitor run
SCF5611/2Z2L	1.5	12.6/6.3	56	Capacitor start or Capacitor start, Capacitor run
SCF562Z2L	2	19/9.5	56	Capacitor start or Capacitor start, Capacitor run
SCF182T3Z2L	3	27.6/13.8	182T	Capacitor start, Capacitor run
SCF184T5Z2L	5	52/26	184T	Capacitor start, Capacitor run
SCF184T71/2Z2L	7.5	58/29	184T	Capacitor start, Capacitor run

- Three-phase induction motors, Type TAF and TCF Series, TEFC, Class F insulation, 40C ambient max.

Models as follow: TAF cast aluminum enclosure, TCF cast iron enclosure.

Model/Type	Phase Voltage(V) (Live Voltage V)	Ampere (A)	Output (HP/kW)	Frequency (Hz)	Frame	Pole (No.)
TAF801-2	200/400	3.54/1.77	1/0.75	50	80	2
	230/460 (796 Line)	3.3/1.65	1/0.75	60		
TCF801-2	230/460 (796 Line)	1.32			80	2
	575 (990 Line)		1/0.75	60		
TAF802-2	200/400	5.02/2.51	1.5/1.1	50	80	2
	230/460(796 Line)	4.0/2.0	1.5/1.1	60		
TCF802-2	230/460(796 Line)	1.6			80	2
	575 (990 Line)		1.5/1.1	60		
TAF802-4	200/400	3.86/1.93	1/0.75	50	80	4
	230/460 (796 Line)	3.2/1.6	1/0.75	60		
TCF802-4	230/460 (796 Line)				80	4
	575 (990 Line)		1.28	1/0.75		
TAF90S-2	200/400	6.56/3.28	2/1.5	50	90	2
	230/460 (796 Line)	5.4/2.7	2/1.5	60		
TCF90S-2	230/460 (796 Line)				90	2
	575 (990 Line)	2.16	2/1.5	60		
TAF90L-2	200/400	9.22/4.61	3/2.2	50	90	2
	230/460 (796 Line)	7.8/3.9	3/2.2	60		
TCF90L-2	230/460 (796 Line)	3.12			90	2
	575 (990 Line)		3/2.2	60		
TAF90S-4	200/400	5.28/2.64	1.5/1.1	50	90	4
	230/460 (796 Line)	4.6/2.3	1.5/1.1	60		
TCF90S-4	230/460 (796 Line)	1.84			90	4
	575 (990 Line)		1.5/1.1	60		
		6.90/3.45	2/1.5	50		

TAF90L-4	200/400	6.0/3.0	2/1.5	60		
TCF90L-4	230/460 (796 Line)				90	4
	575 (990 Line)	2.4	2/1.5	60		
TAF90S-6	200/400	3.76/1.88	1/0.75	50		
TCF90S-6	230/460 (796 Line)	3.6/1.8	1/0.75	60	90	6
	575 (990 Line)	1.44	1/0.75	60		
TAF90L-6	200/400	5.08/2.54	1.5/1.1	50		
TCF90L-6	230/460 (796 Line)	4.04/2.02	1.5/1.1	60	90	6
	575 (990 Line)	1.61	1.5/1.1	60		
TAF100L1-2	200/400	10.88/5.44	4	50		
TCF100L1-2	230/460 (796 Line)	9.9/5.0	4	60	100	2
	575 (990 Line)	4	4	60		
		9.68/4.84	3/2.2	50		
TAF100L1-4	200/400	9.6/4.8	3/2.2	60		
TCF100L1-4	230/460 (796 Line)				100	4
	575 (990 Line)					
		3.84	3/2.2	60		
		13.8/6.9	4	50		
TAF100L2-4	200/400	12.6/6.3	4	60		
TCF100L2-4	230/460 (796 Line)				100	4
	575 (990 Line)					
		5.0	4	60		
		6.62/3.31	2/1.5	50		
TAF100L-6	200/400	5.3/2.65	2/1.5	60		
TCF100L-6	230/460 (796 Line)				100	6
	575 (990 Line)					
		2.12	2/1.5	60		
		15.64/7.82	5/3.7	50		
TAF112M-2	200/400	14.4/7.2	5/3.7	60		
TCF112M-2	230/460 (796 Line)				112	2
	575 (990 Line)					
		5.0	5/3.7	60		
		14.90/7.45	5/3.7	50		
TAF112M-4	200/400	13.0/6.5	5/3.7	60		
TCF112M-4	230/460 (796 Line)				112	4
	575 (990 Line)					
		5.2	5/3.7	60		
		9.7/4.85	3/2.2	50		
TAF112M-6	200/400	7.88/3.94	3/2.2	60		
TCF112M-6	230/460 (796 Line)				112	6
	575 (990 Line)					
		3.15	3/2.2	60		
		22.8/11.4	7.5/5.5	50		
TAF132S1-2	200/400	21.2/10.6	7.5/5.5	60		
	230/460 (796 Line)				132	2

TCF132S1-2	575 (990 Line)					
		8.48	7.5/5.5	60		
		28.2/14.1	10/7.5	50		
	200/400					
TAF132S2-2	230/460 (796 Line)	26.4/13.2	10/7.5	60	132	2
TCF132S2-2	575 (990 Line)					
		10.56	10/7.5	60		
		25.2/12.6	7.5/5.5	50		
	200/400					
TAF132S-4	230/460 (796 Line)	22.6/11.3	7.5/5.5	60	132	4
TCF132S-4	575 (990 Line)			60		
		9.04	7.5/5.5			
		13.2/6.6				
	200/400					
TAF132S-6	230/460 (796 Line)	11/5.5				
TCF132S-6	575 (990 Line)			4	60	132
						6
		4.4				
	200/400					
TAF132M-4	230/460 (796 Line)	30.4/15.2	10/7.5	50		
TCF132M-4	575 (990 Line)	26.0/13.0	10/7.5	60	132	4
		11.52	10/7.5	60		
	200/400					
TAF132M1-6	230/460 (796 Line)	14.9/7.45	5/3.7	50		
TCF132M1-6	575 (990 Line)	14.2/7.1	5/3.7	60	132	6
		5.68	5/3.7	60		
	200/400					
TAF132M2-6	230/460 (796 Line)	22.52/11.26	7.5/5.5	50		
TCF132M2-6	575 (990 Line)	18.82/9.41	7.5/5.5	60	132	6
		7.53	7.5/5.5	60		
	200/400					
		39.8/19.9	15/11	50		
TCF160M1-2	230/460 (796 Line)	36.8/18.4	15/11	60	160	2
	575 (990 Line)	14.72	15/11	60		
	200/400					
		53.2/26.6	20/15	50		
TCF160M2-2	230/460 (796 Line)	46.2/23.1	20/15	60	160	2
	575 (990 Line)	18.48	20/15	60		
	200/400					
		65.2/32.6	25/18.5	50		
TCF160L-2	230/460 (796 Line)	57.8/28.9	25/18.5	60	160	2
	575 (990 Line)	23.12	25/18.5	60		
	200/400					
		41.2/20.6	15/11	50		
TCF160M-4	230/460 (796 Line)	39.4/19.7	15/11	60	160	4
	575 (990 Line)	15.76	15/11	60		
	200/400					
		56.4/28.2	20/15	50		
TCF160L-4	230/460 (796 Line)	49.4/24.7	20/15	60	160	4
	575 (990 Line)	19.76	20/15	60		
	200/400					
		29.56/14.78	10/7.5	50		

TCF160M-6	230/460 (796 Line)	25.04/12.52	10/7.5	60	160	6
	575 (990 Line)	10.02	10/7.5	60		
	200/400	42.12/21.06	15/11	50		
TCF160L-6	230/460 (796 Line)	36.02/18.01	15/11	60	160	6
	575 (990 Line)	14.41	15/11	60		
	200/400	76.6/38.3	30/22	50		
TCF180M-2	230/460 (796 Line)	69.0/34.5	30/22	60	180	2
	575 (990 Line)	27.6	30/22	60		
	200/400	67.8/33.9	25/18.5	50		
TCF180M-4	230/460 (796 Line)	59.2/29.6	25/18.5	60	180	4
	575 (990 Line)	23.68	25/18.5	60		
	200/400	80.4/40.2	30/22	50		
TCF180L-4	230/460 (796 Line)	71.0/35.5	30/22	60	180	4
	575 (990 Line)	28.4	30/22	60		
	200/400	58.16/29.08	20/15	50		
TCF180L-6	230/460 (796 Line)	50.3/25.15	20/15	60	180	6
	575 (990 Line)	20.12	20/15	60		
	200/400	103.2/51.6	40/30	50		
TCF200L1-2	230/460 (796 Line)	93.0/46.5	40/30	60	200	2
	575 (990 Line)	37.2	40/30	60		
	200/400	127/63.5	50/37	50		
TCF200L2-2	230/460 (796 Line)	116.8/58.4	50/37	60	200	2
	575 (990 Line)	46.72	50/37	60		
	200/400	106.4/53.2	40/30	50		
TCF200L-4	230/460 (796 Line)	94.2/47.1	40/30	60	200	4
	575 (990 Line)	37.68	40/30	60		
	200/400	69.5/34.75	25/18.5	50		
TCF200L1-6	230/460 (796 Line)	59.58/29.79	25/18.5	60	200	6
	575 (990 Line)	23.83	25/18.5	60		
	200/400	81.24/40.62	30/22	50		
TCF200L2-6	230/460 (796 Line)	70.02/35.01	30/22	60	200	6
	575 (990 Line)	28.01	30/22	60		
	200/400	156.38/78.19	60/45	50		
TCF225M-2	230/460 (796 Line)	129.0/64.5	60/45	60	225	2
	575 (990 Line)	51.6	60/45	60		
	200/400	132.72/66.36	50/37	50		
TCF225S-4	230/460 (796 Line)	118.4/59.2	50/37	60	225	4
	575 (990 Line)	47.36	50/37	60		
	200/400	160.9/80.45	60/45	50		
TCF225M-4	230/460 (796 Line)	138.8/69.4	60/45	60	225	4
	575 (990 Line)	55.52	60/45	60		

	200/400	111.12/55.56	40/30	50		
TCF225M-6	230/460 (796 Line)	95.26/47.63	40/30	60	225	6
	575 (990 Line)	38.10	40/30	60		
	200/400	190.72/95.36	75/55	50		
TCF250M1-2	230/460 (796 Line)	168.6/84.3	75/55	60	250	2
	575 (990 Line)	67.44	75/55	60		
	200/400	258.66/129.33	100/75	50		
TCF250M2-2	230/460 (796 Line)	220/110	100/75	60	250	2
	575 (990 Line)	88.0	100/75	60		
	200/400	196.24/98.12	75/55	50		
TCF250M1-4	230/460 (796 Line)	172.4/86.2	75/55	60	250	4
	575 (990 Line)	68.96	75/55	60		
	200/400	265.4/132.7	100/75	50		
TCF250M2-4	230/460 (796 Line)	228/114	100/75	60	250	4
	575 (990 Line)	91.2	100/75	60		
	200/400	139.58/69.79	50/37	50		
TCF250M1-6	230/460 (796 Line)	120.32/60.16	50/37	60	250	6
	575 (990 Line)	48.13	50/37	60		
	200/400	164.86/82.43	60/45	50		
TCF250M2-6	230/460 (796 Line)	141.98/70.99	60/45	60	250	6
	575 (990 Line)	56.79	60/45	60		
	200/400	258.66/129.33	100	50		
TCF280S-2	230/460 (796 Line)	220/110	100	60	280	2
	575 (990 Line)	88.0	100	60		
	400	152.19	125/90	50		
TCF280S-2	460 (796 Line)	137.0	125/90	60	280	2
	575 (990 Line)	109.6	125/90	60		
	400	185.61	150/110	50		
TCF280M-2	460 (796 Line)	164.0	150/110	60	280	2
	575 (990 Line)	131.2	150/110	60		
	200/400	265.4/132.7	100	50		
TCF280S-4	230/460 (796 Line)	228/114	100	60	280	4
	575 (990 Line)	91.2	100	60		
	400	158.51	125/90	50		
TCF280S-4	460 (796 Line)	141	125/90	60	280	4
	575 (990 Line)	112.8	125/90	60		
	400	190.9	150/110	50		
TCF280M-4	460 (796 Line)	169	150/110	60	280	4
	575 (990 Line)	135.2	150/110	60		
	200/400	164.86/82.43	60	50		

TCF280S1-6	230/460 (796 Line)	141.98/70.99	60	60	280	6
	575 (990 Line)	56.79	60	60		
	200/400	198.3/99.15	75/55	50		
TCF280S-6	230/460 (796 Line)	171.52/85.76	75/55	60	280	6
	575 (990 Line)	68.61	75/55	60		
	200/400	262.58/131.29	100/75	50		
TCF280M-6	230/460 (796 Line)	227.36/113.68	100/75	60	280	6
	575 (990 Line)	90.94	100/75	60		
	400	270		50		
TCF315S-2	460 (796 Line)	215	200/150	60	315	2
	575 (990 Line)	172		60		
	400	250		50		
TCF315S-4	460 (796 Line)	223	200/150	60	315	4
	575 (990 Line)	178.4		60		
	400	182		50		
TCF315S-6	460 (796 Line)	145	125/90	60	315	6
	575 (990 Line)	116		60		
	400	213		50		
TCF315M-6	460 (796 Line)	170	150/110	60	315	6
	575 (990 Line)	136		60		
	400	289		50		
TCF315L-6	460 (796 Line)	260	200/150	60	315	6
	575 (990 Line)	208		60		

Single-phase induction motor, TSD series, continuous duty, ODP, Service Factor 1.15, capacitor start and capacitor run, 60Hz, class F insulation, 40 C ambient, models and ratings as follows:

Model	Voltage (V)	Ampere (A)	HP	Speed (RPM)
TSD48 1/3Y2L	115/230	3.3/1.65	1/3	3450
TSD48 1/2Y2L	115/230	5.0/2.5	1/2	3450
TSD48 3/4Y2L	115/230	7.2/3.6	3/4	3450
TSD48 1Y2L	115/230	9.6/4.8	1	3460
TSD48 1/3Y4L	115/230	3.7/1.85	1/3	1725
TSD48 1/2Y4L	115/230	5.2/2.6	1/2	1725
TSD48 3/4Y4L	115/230	7.4/3.7	3/4	1725
TSD56 1/4Y2L	115/230	2.4/1.2	1/4	3450
TSD56 1/4Y4L	115/230	2.7/1.35	1/4	1725
TSD56 2Y4L	115/230	18.4/9.2	2	1730
TSD56H1Y2L	115/230	9.6/4.8	1	3460

TSD56H1.5Y2L	115/230	13.4/6.7	1-1/2	3460
TSD56H2Y2L	115/230	18.2/9.1	2	3460
TSD56H1Y4L	115/230	9.8/4.9	1	1730
TSD56H1.5Y4L	115/230	13.8/6.9	1-1/2	1730
TSD56H2Y4L	115/230	18.4/9.2	2	1730
TSD143T3/4Y2L	115/230	7.2/3.6	3/4	3450
TSD143T1Y2L	115/230	9.6/4.8	1	3460
TSD145T1.5Y2L	115/230	13.4/6.7	1-1/2	3460
TSD145T2Y2L	115/230	18.2/9.1	2	3460
TSD143T3/4Y4L	115/230	7.4/3.7	3/4	1725
TSD143T1Y4L	115/230	9.8/4.9	1	1730
TSD145T1.5Y4L	115/230	13.8/6.9	1-1/2	1730
TSD145T2Y4L	115/230	18.4/9.2	2	1730

Single-phase induction motor, TSF series, continuous duty, TEFC, Service Factor 1.15, capacitor start and capacitor run, 60Hz, class F insulation, 40 C ambient, models and ratings as follows:

Model	Voltage (V)	Ampere (A)	HP	Speed (RPM)
TSF48 1/3Y2L	115/230	3.3/1.65	1/3	3450
TSF48 1/2Y2L	115/230	5.0/2.5	1/2	3450
TSF48 3/4Y2L	115/230	7.2/3.6	3/4	3450
TSF48 1Y2L	115/230	9.6/4.8	1	3460
TSF48 1/3Y4L	115/230	3.7/1.85	1/3	1725
TSF48 1/2Y4L	115/230	5.2/2.6	1/2	1725
TSF48 3/4Y4L	115/230	7.4/3.7	3/4	1725
TSF56 1/4Y2L	115/230	2.4/1.2	1/4	3450
TSF56 1/4Y4L	115/230	2.7/1.35	1/4	1725
TSF56 2Y4L	115/230	18.4/9.2	2	1730
TSF56H1Y2L	115/230	9.6/4.8	1	3460
TSF56H1.5Y2L	115/230	13.4/6.7	1-1/2	3460
TSF56H2Y2L	115/230	18.2/9.1	2	3460
TSF56H1Y4L	115/230	9.8/4.9	1	1730
TSF56H1.5Y4L	115/230	13.8/6.9	1-1/2	1730
TSF56H2Y4L	115/230	18.4/9.2	2	1730
TSF143T3/4Y2L	115/230	7.2/3.6	3/4	3450
TSF143T1Y2L	115/230	9.6/4.8	1	3460
TSF145T1.5Y2L	115/230	13.4/6.7	1-1/2	3460
TSF145T2Y2L	115/230	18.2/9.1	2	3460
TSF143T3/4Y4L	115/230	7.4/3.7	3/4	1725
TSF143T1Y4L	115/230	9.8/4.9	1	1730
TSF145T1.5Y4L	115/230	13.8/6.9	1-1/2	1730



TSF145T2Y4L      115/230      18.4/9.2      2      1730

- Squirrel cage induction motors, TD Series, Enclosure ODP, NEMA Frames 48 to 215T, 60 Hz, three-phase, 40 C max ambient, SF 1.15, continuous duty, Class F insulation.

Model	Input A	Phase Voltage V (Line Voltage) V	HP	RPM	No. of Pole	Frame
TD48 1/4U2B	0.5, 0.48	460 (796 Line), 575 (990 Line)	0.25	3430	2	48
TD48 1/3U2B	0.7, 0.56	460 (796 Line), 575 (990 Line)	0.33	3430	2	48
TD48 1/2U2B	1.1, 0.88	460 (796 Line), 575 (990 Line)	0.5	3430	2	48
TD48 1/4U4B	0.7, 0.56	460 (796 Line), 575 (990 Line)	0.25	1725	4	48
TD48 1/3U4B	0.8, 0.64	460 (796 Line), 575 (990 Line)	0.33	1725	4	48
TD48 1/2U4B	1.2, 0.96	460 (796 Line), 575 (990 Line)	0.5	1725	4	48
TD56 1/4U2B	1.2/0.6, 0.48	230/460 (796 Line), 575 (990 Line)	0.25	3430	2	56
TD56 1/3U2B	1.4/0.7, 0.56	230/460 (796 Line), 575 (990 Line)	0.33	3430	2	56
TD56 1/2U2B	2.0/1.0, 0.88	230/460 (796 Line), 575 (990 Line)	0.5	3440	2	56
TD56 3/4U2B	2.6/1.3, 1.04	230/460 (796 Line), 575 (990 Line)	0.75	3450	2	56
TD56 1/4U4B	1.4/0.7, 0.56	230/460 (796 Line), 575 (990 Line)	0.25	1740	4	56
TD56 1/3U4B	1.6/0.8, 0.64	230/460 (796 Line), 575 (990 Line)	0.33	1740	4	56
TD56 1/2U4B	2.2/1.1, 0.96	230/460 (796 Line), 575 (990 Line)	0.5	1745	4	56
TD56 3/4U4B	2.8/1.4, 1.12	230/460 (796 Line), 575 (990 Line)	0.75	1745	4	56

TD143T1U2B	2.6/1.3, 1.04	230/460 (796 Line), 575 (990 Line)	1	3500	2	143T
TD56H1U2B	2.6/1.3, 1.04	230/460 (796 Line), 575 (990 Line)	1	3500	2	56H
TD143T1.5U2B	4.0/2.0, 1.6	230/460 (796 Line), 575 (990 Line)	1.5	3500	2	143T
TD56H1.5U2B	4.0/2.0, 1.6	230/460 (796 Line), 575 (990 Line)	1.5	3500	2	56H
TD145T2U2B	5.4/2.7, 2.16	230/460 (796 Line), 575 (990 Line)	2	3500	2	145T
TD56H2U2B	5.4/2.7, 2.16	230/460 (796 Line), 575 (990 Line)	2	3500	2	56H
TD145T3U2B	7.8/3.9, 3.12	230/460 (796 Line), 575 (990 Line)	3	3500	2	145T
TD56H3U2B	7.8/3.9, 3.12	230/460 (796 Line), 575 (990 Line)	3	3500	2	56H
TD143T1U4B	3.2/1.6, 1.28	230/460 (796 Line), 575 (990 Line)	1	1745	4	143T
TD56H1U4B	3.2/1.6, 1.28	230/460 (796 Line), 575 (990 Line)	1	1745	4	56H
TD145T1.5U4B	4.6/2.3, 1.84	230/460 (796 Line), 575 (990 Line)	1.5	1745	4	145T
TD56H1.5U4B	4.6/2.3, 1.84	230/460 (796 Line), 575 (990 Line)	1.5	1745	4	56H
TD145T2U4B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1745	4	145T
TD56H2U4B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1745	4	56H
TD145T1U6B	3.8/1.9, 1.52	230/460 (796 Line), 575 (990 Line)	1	1150	6	145T
TD56H1U6B	3.8/1.9, 1.52	230/460 (796 Line), 575 (990 Line)	1	1150	6	56H
TD184T5U2B	12.6/6.3, 5.04	230/460 (796 Line), 575 (990 Line)	5	3520	2	184T

TD184T7.5U2B	18.4/9.2, 7.36	230/460 (796 Line), 575 (990 Line)	7.5	3530	2	184T
TD182T3U4B	8.4/4.2, 3.36	230/460 (796 Line), 575 (990 Line)	3	1745	4	182T
TD184T5U4B	13.6/6.8, 5.44	230/460 (796 Line), 575 (990 Line)	5	1745	4	184T
TD182T1.5U6B	5.0/2.5, 2.0	230/460 (796 Line), 575 (990 Line)	1.5	1150	6	182T
TD184T2U6B	6.4/3.2, 2.56	230/460 (796 Line), 575 (990 Line)	2	1150	6	184T
TD215T10U2B	23/11.5, 9.2	230/460 (796 Line), 575 (990 Line)	10	3535	2	215T
TD215T15U2B	36.2/18.1, 14.48	230/460 (796 Line), 575 (990 Line)	15	3540	2	215T
TD213T7.5U4B	19.6/9.8, 7.84	230/460 (796 Line), 575 (990 Line)	7.5	1750	4	213T
TD215T10U4B	25/12.5, 10	230/460 (796 Line), 575 (990 Line)	10	1755	4	215T
TD213T3U6B	9.2/4.6, 3.68	230/460 (796 Line), 575 (990 Line)	3	1170	6	213T
TD215T5U6B	16.4/8.2, 6.56	230/460 (796 Line), 575 (990 Line)	5	1165	6	215T

- Squirrel cage induction motors, TFA and TFC Series, Enclosure TEFC, NEMA Frames 143T to 449T, 60 Hz, three-phase, 40 C max ambient, SF 1.15, continuous duty, Class F insulation.

Model	Input A	Phase Voltage V (Line Voltage) V	HP	RPM	No. of Pole	Frame
TFC143T1.5U2B, TFA143T1.5U2B	4.0/2.0, 1.6	230/460 (796 Line), 575 (990 Line)	1.5	3500	2	143T
TFC143T2U2B, TFA143T2U2B	5.4/2.7, 2.16	230/460 (796 Line), 575 (990 Line)	2	3500	2	143T
TFC143T1U4B, TFA143T1U4B	3.2/1.6, 1.28	230/460 (796 Line), 575 (990 Line)	1	1745	4	143T
TFC145T1.5U4B, TFA145T1.5U4B	4.6/2.3, 1.84	230/460 (796 Line), 575 (990 Line)	1.5	1745	4	145T
		230/460 (796 Line)				

TFC145T2U4B, TFA145T2U4B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1745	4	145T
TFC145T1U6B, TFA145T1U6B	3.5/1.75, 1.4	230/460 (796 Line), 575 (990 Line)	1	1150	6	145T
TFC182T3U2B, TFA182T3U2B	7.8/3.9, 3.12	230/460 (796 Line), 575 (990 Line)	3	3510	2	182T
TFC184T5U2B, TFA184T5U2B	14.4/7.2, 5.8	230/460 (796 Line), 575 (990 Line)	5	3520	2	184T
TFC182T3U4B, TFA182T3U4B	9.6/4.8, 3.84	230/460 (796 Line), 575 (990 Line)	3	1745	4	182T
TFC184T5U4B, TFA184T5U4B	13.0/6.5, 5.2	230/460 (796 Line), 575 (990 Line)	5	1745	4	184T
TFC182T1.5U6B, TFA182T1.5U6B	4.4/2.2, 1.8	230/460 (796 Line), 575 (990 Line)	1.5	1150	6	182T
TFC184T2U6B, TFA184T2U6B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1150	6	184T
TFC213T7.5U2B, TFA213T7.5U2B	21.2/10.6, 8.5	230/460 (796 Line), 575 (990 Line)	7.5	3530	2	213T
TFC215T10U2B, TFA215T10U2B	26.4/13.2, 10.6	230/460 (796 Line), 575 (990 Line)	10	3540	2	215T
TFC213T7.5U4B, TFA213T7.5U4B	22.6/11.3, 9.1	230/460 (796 Line), 575 (990 Line)	7.5	1750	4	213T
TFC215T10U4B, TFA215T10U4B	28.8/14.4, 11.52	230/460 (796 Line), 575 (990 Line)	10	1755	4	215T
TFC213T3U6B, TFA213T3U6B	8.1/4.2, 3.4	230/460 (796 Line), 575 (990 Line)	3	1170	6	213T
TFC215T5U6B, TFA215T5U6B	14.2/7.1, 5.68	230/460 (796 Line), 575 (990 Line)	5	1165	6	215T
TFC254T15U2B	36.8/18.4, 14.72	230/460 (796 Line), 575 (990 Line)	15	3500	2	254T
TFC256T20U2B	46.2/23.1, 18.5	230/460 (796 Line), 575 (990 Line)	20	3520	2	256T
TFC254T15U4B	39.4/19.7, 15.8	230/460 (796 Line), 575 (990 Line)	15	1750	4	254T
TFC256T20U4B	49.4/24.7, 19.8	230/460 (796 Line), 575 (990 Line)	20	1760	4	256T

TFC254T7.5U6B	21.2/10.6, 8.5	230/460 (796 Line), 575 (990 Line)	7.5	1170	6	254T
TFC256T10U6B	27.4/13.7, 10.96	230/460 (796 Line), 575 (990 Line)	10	1170	6	256T
TFC284TS25U2B	57.8/28.9, 23.2	230/460 (796 Line), 575 (990 Line)	25	3530	2	284TS
TFC286TS30U2B	69.0/34.5, 27.6	230/460 (796 Line), 575 (990 Line)	30	3530	2	286TS
TFC284T25U4B	59.2/29.6, 23.68	230/460 (796 Line), 575 (990 Line)	25	1760	4	284T
TFC286T30U4B	71.0/35.5, 28.4	230/460 (796 Line), 575 (990 Line)	30	1770	4	286T
TFC284T15U6B	38.6/19.3, 15.5	230/460 (796 Line), 575 (990 Line)	15	1175	6	284T
TFC286T20U6B	51.6/25.8, 20.64	230/460 (796 Line), 575 (990 Line)	20	1175	6	286T
TFC324TS40U2B	93.0/46.5, 37.2	230/460 (796 Line), 575 (990 Line)	40	3540	2	324TS
TFC326TS50U2B	116.8/58.4, 46.72	230/460 (796 Line), 575 (990 Line)	50	3540	2	326TS
TFC324T40U4B	94.2/47.1, 37.7	230/460 (796 Line), 575 (990 Line)	40	1770	4	324T
TFC326T50U4B	118.4/59.2, 47.4	230/460 (796 Line), 575 (990 Line)	50	1770	4	326T
TFC324T25U6B	63.8/31.9, 25.52	230/460 (796 Line), 575 (990 Line)	25	1180	6	324T
TFC326T30U6B	76.0/38.0, 30.4	230/460 (796 Line), 575 (990 Line)	30	1180	6	326T
TFC364TS60U2B	129.0/64.5, 51.6	230/460 (796 Line), 575 (990 Line)	60	3550	2	364TS
TFC365TS75U2B	168.6/84.3, 67.44	230/460 (796 Line), 575 (990 Line)	75	3550	2	365TS
TFC364T60U4B	138.8/69.4, 55.52	230/460 (796 Line), 575 (990 Line)	60	1775	4	364T
TFC365T75U4B	172.4/86.2, 68.96		75	1775	4	365T

		230/460 (796 Line), 575 (990 Line)				
TFC364T40U6B	94.8/47.4, 37.92	230/460 (796 Line), 575 (990 Line)	40	1180	6	364T
TFC365T50U6B	118.4/59.2, 47.36	230/460 (796 Line), 575 (990 Line)	50	1180	6	365T
TFC405TS100U2B	200/100, 80	230/460 (796 Line), 575 (990 Line)	100	3570	2	405TS
TFC405T100U4B	228/114, 91.2	230/460 (796 Line), 575 (990 Line)	100	1780	4	405T
TFC404T60U6B	140.0/70.0, 56	230/460 (796 Line), 575 (990 Line)	60	1185	6	404T
TFC405T75U6B	175.4/87.7, 70.16	230/460 (796 Line), 575 (990 Line)	75	1185	6	405T
TFC444TS125U2B	274/137, 109.6	230/460 (796 Line), 575 (990 Line)	125	3575	2	444TS
TFC445TS150U2B	328/164, 131.2	230/460 (796 Line), 575 (990 Line)	150	3575	2	445TS
TFC447TS200U2B	430/215, 172	230/460 (796 Line), 575 (990 Line)	200	3575	2	447TS
TFC444T125U4B	282/141, 112.8	230/460 (796 Line), 575 (990 Line)	125	1780	4	444T
TFC445T150U4B	338/169, 135.2	230/460 (796 Line), 575 (990 Line)	150	1780	4	445T
TFC447T200U4B	446/223, 178.4	230/460 (796 Line), 575 (990 Line)	200	1780	4	447T
TFC444T100U6B	232/116, 92.8	230/460 (796 Line), 575 (990 Line)	100	1180	6	444T
TFC445T125U6B	290/145, 116	230/460 (796 Line), 575 (990 Line)	125	1180	6	445T
TFC447T150U6B	340/170, 136	230/460 (796 Line), 575 (990 Line)	150	1180	6	447T

**Note:** Certified only as a component of other certified equipment, where the suitability of the combination is to be determined

- Three-phase induction motors, type TAX and TCX series, TEFC, Class F insulation, 40 C ambient.

Models as follow: TAX cast aluminium enclosure, TCX cast iron enclosure.

Model/Type	Phase Voltage V (Line Voltage) (V)	Ampere (A)	Output (HP/kW)	Frequency (Hz)	Frame	Pole (No.)	Connection
TAX801-2	200/400	3.54/1.77	1/0.75	50			
TCX801-2	23 230/460 (796 Line), 57 575 (990 Line)	3.3/1.65	1/0.75	60	80	2	2Δ/Δ/Δ
TAX802-2	200/400	5.02/2.51	1.5/1.1	50			
TCX802-2	23 230/460 (796 Line), 575 (990 Line)	4.0/2.0	1.5/1.1	60	80	2	2Δ/Δ/Δ
TAX802-4	200/400	3.86/1.93	1/0.75	50			
TCX802-4	23 230/460 (796 Line), 575 (990 Line)	3.2/1.6	1/0.75	60	80	4	2Δ/Δ/Δ
TAX90S-2	200/400	6.56/3.28	2/1.5	50			
TCX90S-2	23 230/460 (796 Line), 575 (990 Line)	5.4/2.7	2/1.5	60	90	2	2Δ/Δ/Δ
TAX90L-2	200/400	9.22/4.61	3/2.2	50			
TCX90L-2	23 230/460 (796 Line), 575 (990 Line)	7.8/3.9	3/2.2	60	90	2	2Δ/Δ/Δ
TAX90S-4	200/400	5.28/2.64	1.5/1.1	50			
TCX90S-4	23 230/460 (796 Line), 575 (990 Line)	4.6/2.3	1.5/1.1	60	90	4	2Δ/Δ/Δ
TAX90L-4	200/400	6.90/3.45	2/1.5	50			
TCX90L-4	23 230/460 (796 Line), 57 575 (990 Line)	6.0/3.0	2/1.5	60	90	4	2Δ/Δ/Δ
TAX90S-6	200/400	3.76/1.88	1/0.75	50			
TCX90S-6	23 230/460 (796 Line), 575 (990 Line)	3.6/1.8	1/0.75	60	90	6	2Δ/Δ/Δ
TAX90L-6	200/400	5.08/2.54	1.5/1.1	50			
TCX90L-6	23 230/460 (796 Line), 575 (990 Line)	4.04/2.02	1.5/1.1	60	90	6	2Δ/Δ/Δ
TAX100L1-2	200/400	10.88/5.44	4	50			
TCX100L1-2	23 230/460 (796 Line), 57 575 (990 Line)	9.9/5.0	4	60	100	2	2Δ/Δ/Δ
TAX100L1-4	200/400	9.68/4.84	3/2.2	50			
TCX100L1-4	23 230/460 (796 Line), 575 (990 Line)	9.6/4.8	3/2.2	60	100	4	2Δ/Δ/Δ
TAX100L2-4	200/400	13.8/6.9	4	50			
TCX100L2-4	23 230/460 (796 Line),	12.6/6.3	4	60	100	4	2Δ/Δ/Δ

TCX100L2-4	57	575 (990 Line)	5.0	4	60			
		200/400	6.62/3.31	2/1.5	50			
TAX100L-6	23	200/460 (796 Line),	5.3/2.65	2/1.5	60	100	6	2Δ/Δ/Δ
TCX100L-6		575 (990 Line)	2.12	2/1.5	60			
		200/400	15.64/7.82	5/3.7	50			
TAX112M-2	23	230/460 (796 Line),	14.4/7.2	5/3.7	60	112	2	2Δ/Δ/Δ
TCX112M-2		575 (990 Line)	5.0	5/3.7	60			
		200/400	14.90/7.45	5/3.7	50			
TAX112M-4	23	230/460 (796 Line),	13.0/6.5	5/3.7	60	112	4	2Δ/Δ/Δ
TCX112M-4		575 (990 Line)	5.2	5/3.7	60			
		200/400	9.7/4.85	3/2.2	50			
TAX112M-6	23	230/460 (796 Line),	7.88/3.94	3/2.2	60	112	6	2Δ/Δ/Δ
TCX112M-6		575 (990 Line)	3.15	3/2.2	60			
		200/400	22.8/11.4	7.5/5.5	50			
TAX132S1-2	23	230/460 (796 Line),	21.2/10.6	7.5/5.5	60	132	2	2Δ/Δ/Δ
TCX132S1-2		575 (990 Line)	8.48	7.5/5.5	60			
		200/400	28.2/14.1	10/7.5	50			
TAX132S2-2	23	230/460 (796 Line),	26.4/13.2	10/7.5	60	132	2	2Δ/Δ/Δ
TCX132S2-2		575 (990 Line)	10.56	10/7.5	60			
		200/400	25.2/12.6	7.5/5.5	50			
TAX132S-4	23	230/460 (796 Line),	22.6/11.3	7.5/5.5	60	132	4	2Δ/Δ/Δ
TCX132S-4		575 (990 Line)	9.04	7.5/5.5	60			
		200/400	13.2/6.6					
TAX132S-6	23	230/460 (796 Line),	11/5.5	4	60	132	6	2Δ/Δ/Δ
TCX132S-6	57	575 (990 Line)	4.4					
		200/400	30.4/15.2	10/7.5	50			
TAX132M-4	23	230/460 (796 Line),	26.0/13.0	10/7.5	60	132	4	2Δ/Δ/Δ
TCX132M-4	57	575 (990 Line)	11.52	10/7.5	60			
		200/400	14.9/7.45	5/3.7	50			
TAX132M1-6	23	230/460 (796 Line),	14.2/7.1	5/3.7	60	132	6	2Δ/Δ/Δ
TCX132M1-6	57	575 (990 Line)	5.68	5/3.7	60			
		200/400	22.52/11.26	7.5/5.5	50			
TAX132M2-6	23	230/460 (796 Line),	18.82/9.41	7.5/5.5	60	132	6	2Δ/Δ/Δ
TCX132M2-6	57	575 (990 Line)	7.53	7.5/5.5	60			
		200/400	39.8/19.9	15/11	50			
	23	230/460 (796 Line),	36.8/18.4	15/11	60			
TCX160M1-2	57	575 (990 Line)	14.72	15/11	60	160	2	2Δ/Δ/Δ



		200/400	53.2/26.6	20/15	50			
TCX160M2-2	23	230/460 (796 Line),	46.2/23.1	20/15	60	160	2	2Δ/Δ/Δ
	57	575 (990 Line)	18.48	20/15	60			
		200/400	65.2/32.6	25/18.5	50			
TCX160L-2	23	230/460 (796 Line),	57.8/28.9	25/18.5	60	160	2	2Δ/Δ/Δ
	57	575 (990 Line)	23.12	25/18.5	60			
		200/400	41.2/20.6	15/11	50			
TCX160M-4	23	230/460 (796 Line),	39.4/19.7	15/11	60	160	4	2Δ/Δ/Δ
	57	575 (990 Line)	15.76	15/11	60			
		200/400	56.4/28.2	20/15	50			
TCX160L-4	23	230/460 (796 Line),	49.4/24.7	20/15	60	160	4	2Δ/Δ/Δ
	57	575 (990 Line)	19.76	20/15	60			
		200/400	29.56/14.78	10/7.5	50			
TCX160M-6	23	230/460 (796 Line),	25.04/12.52	10/7.5	60	160	6	2Δ/Δ/Δ
	57	575 (990 Line)	10.02	10/7.5	60			
		200/400	42.12/21.06	15/11	50			
TCX160L-6	23	230/460 (796 Line),	36.02/18.01	15/11	60	160	6	2Δ/Δ/Δ
	57	575 (990 Line)	14.41	15/11	60			
		200/400	76.6/38.3	30/22	50			
TCX180M-2	23	230/460 (796 Line),	69.0/34.5	30/22	60	180	2	2Δ/Δ/Δ
	57	575 (990 Line)	27.6	30/22	60			
		200/400	67.8/33.9	25/18.5	50			
TCX180M-4	23	230/460 (796 Line),	59.2/29.6	25/18.5	60	180	4	2Δ/Δ/Δ
	57	575 (990 Line)	23.68	25/18.5	60			
		200/400	80.4/40.2	30/22	50			
TCX180L-4	23	230/460 (796 Line),	71.0/35.5	30/22	60	180	4	2Δ/Δ/Δ
	57	575 (990 Line)	28.4	30/22	60			
		200/400	58.16/29.08	20/15	50			
TCX180L-6	23	230/460 (796 Line),	50.3/25.15	20/15	60	180	6	2Δ/Δ/Δ
	57	575 (990 Line)	20.12	20/15	60			
		230/400	103.2/51.6	40/30	50			
TCX200L1-2	23	230/460 (796 Line),	93.0/46.5	40/30	60	200	2	2Δ/Δ/Δ
	57	575 (990 Line)	37.2	40/30	60			
		200/400	127/63.5	50/37	50			

TCX200L2-2	23	230/460 (796 Line),	116.8/58.4	50/37	60	200	2	2Δ/Δ/Δ
	57	575 (990 Line)	46.72	50/37	60			
		200/400	106.4/53.2	40/30	50			
TCX200L4	23	230/460 (796 Line),	94.2/47.1	40/30	60	200	4	2Δ/Δ/Δ
	57	575 (990 Line)	37.68	40/30	60			
		200/400	69.5/34.75	25/18.5	50			
TCX200L1-6	23	230/460 (796 Line),	59.58/29.79	25/18.5	60	200	6	2Δ/Δ/Δ
	57	575 (990 Line)	23.83	25/18.5	60			
		200/400	81.24/40.62	30/22	50			
TCX200L2-6	23	230/460 (796 Line),	70.02/35.01	30/22	60	200	6	2Δ/Δ/Δ
	57	575 (990 Line)	28.01	30/22	60			
		200/400	156.38/78.19	60/45	50			
TCX225M-2	23	230/460 (796 Line),	129.0/64.5	60/45	60	225	2	2Δ/Δ/Δ
	57	575 (990 Line)	51.6	60/45	60			
		200/400	132.72/66.36	50/37	50			
TCX225S-4	23	230/460 (796 Line),	118.4/59.2	50/37	60	225	4	2Δ/Δ/Δ
	57	575 (990 Line)	47.36	50/37	60			
		200/400	160.9/80.45	60/45	50			
TCX225M-4	23	230/460 (796 Line),	138.8/69.4	60/45	60	225	4	2Δ/Δ/Δ
	57	575 (990 Line)	55.52	60/45	60			
		200/400	111.12/55.56	40/30	50			
TCX225M-6	23	230/460 (796 Line),	95.26/47.63	40/30	60	225	6	2Δ/Δ/Δ
	57	575 (990 Line)	38.10	40/30	60			
		200/400	190.72/95.36	75/55	50			
TCX250M1-2	23	230/460 (796 Line),	168.6/84.3	75/55	60	250	2	2Δ/Δ/Δ
	57	575 (990 Line)	67.44	75/55	60			
		200/400	258.66/129.33	100/75	50			
TCX250M2-2	23	230/460 (796 Line),	220/110	100/75	60	250	2	2Δ/Δ/Δ
	57	575 (990 Line)	88.0	100/75	60			
		200/400	196.24/98.12	75/55	50			
TCX250M1-4	23	230/460 (796 Line),	172.4/86.2	75/55	60	250	4	2Δ/Δ/Δ
	57	575 (990 Line)	68.96	75/55	60			
		200/400	265.4/132.7	100/75	50			

TCX250M2-4	23	230/460 (796 Line),	228/114	100/75	60	250	4	2Δ/Δ/Δ
	57	575 (990 Line)						
		200/400	139.58/69.79	100/75	60			
TCX250M1-6	23	230/460 (796 Line),	120.32/60.16	50/37	60	250	6	2Δ/Δ/Δ
	57	575 (990 Line)	48.13	50/37	60			
		200/400	164.86/82.43	60/45	50			
TCX250M2-6	23	230/460 (796 Line),	141.98/70.99	60/45	60	250	6	2Δ/Δ/Δ
	57	575 (990 Line)	56.79	60/45	60			
		200/400	258.66/129.33	100	50			
TCX280S-2	23	230/460 (796 Line),	220/110	100	60	280	2	2Δ/Δ/Δ
	57	575 (990 Line)	88.0	100	60			
		200/400	152.19	125/90	50			
TCX280S-2	23	230/460 (796 Line),	137.0	125/90	60	280	2	Δ/Δ/Δ
	57	575 (990 Line)	109.6	125/90	60			
		200/400	185.61	150/110	50			
TCX280M-2	23	230/460 (796 Line),	164.0	150/110	60	280	2	Δ/Δ/Δ
	57	575 (990 Line)	131.2	150/110	60			
		200/400	265.4/132.7	100	50			
TCX280S-4	23	230/460 (796 Line),	228/114	100	60	280	4	2Δ/Δ/Δ
	57	575 (990 Line)	91.2	100	60			
		400	158.51	125/90	50			
TCX280S-4	46	460(796 Line),	141	125/90	60	280	4	Δ/Δ/Δ
	57	575 (990 Line)	112.8	125/90	60			
		400	190.9	150/110	50			
TCX280M-4	46	460(796 Line),	169	150/110	60	280	4	Δ/Δ/Δ
	57	575 (990 Line)	135.2	150/110	60			
		200/400	164.86/82.43	60	50			
TCX280S1-6	23	230/460 (796 Line),	141.98/70.99	60	60	280	6	2Δ/Δ/Δ
	57	575 (990 Line)	56.79	60	60			
		200/400	198.3/99.15	75/55	50			
TCX280S-6	23	230/460 (796 Line),	171.52/85.76	75/55	60	280	6	2Δ/Δ/Δ
	57	575 (990 Line)	68.61	75/55	60			
		200/400	262.58/131.29	100/75	50			
TCX280M-6	23	230/460 (796 Line),	227.36/113.68	100/75	60	280	6	2Δ/Δ/Δ
	57	575 (990 Line)	90.94	100/75	60			
		400	270		50			
	46	460(796 Line),	215		60			

Model	Input A	Phase Voltage V (Line Voltage) V	HP	RPM	No. of Pole	Frame		
TCX315S-2	57 575 (990 Line)	172	200/150	60	315	2	Δ/Δ/Δ	
	400	250						50
	46 460(796 Line), 57 575 (990 Line)	223						60
TCX315S-4	57 575 (990 Line)	178.4	200/150	60	315	4	Δ/Δ/Δ	
	400	182						50
	46 460(796 Line), 57 575 (990 Line)	145						60
TCX315S-6	57 575 (990 Line)	116	125/90	60	315	6	Δ/Δ/Δ	
	400	213						50
	46 460(796 Line), 57 575 (990 Line)	170						60
TCX315M-6	57 575 (990 Line)	136	150/110	60	315	6	Δ/Δ/Δ	
	400	289						50
	46 460(796 Line), 57 575 (990 Line)	260						60
TCX315L-6	57 575 (990 Line)	208	200/150	60	315	6	Δ/Δ/Δ	
	400	213						50

## Notes:

1. Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.
2. Final acceptance of these motors when installed is subject to the jurisdiction of the local inspection authority.
  - Squirrel cage induction motors, TXD Series, Enclosure ODP, NEMA Frames 48 to 215T, 60 Hz, three-phase, 40 C max ambient, SF 1.15, continuous duty, Class F insulation.

Model	Input A	Phase Voltage V (Line Voltage) V	HP	RPM	No. of Pole	Frame
TXD48 1/4U2B	0.5, 0.48	460 (796 Line), 575 (990 Line)	0.25	3430	2	48
TXD48 1/3U2B	0.7, 0.56	460 (796 Line), 575 (990 Line)	0.33	3430	2	48
TXD48 1/2U2B	1.1, 0.88	460 (796 Line), 575 (990 Line)	0.5	3430	2	48
TXD48 1/4U4B	0.7, 0.56	460 (796 Line), 575 (990 Line)	0.25	1725	4	48
TXD48 1/3U4B	0.8, 0.64	460 (796 Line), 575 (990 Line)	0.33	1725	4	48
TXD48 1/2U4B	1.2, 0.96	460 (796 Line), 575 (990 Line)	0.5	1725	4	48
TXD56 1/4U2B	1.2/0.6, 0.48	230/460 (796 Line), 575 (990 Line)	0.25	3430	2	56
TXD56 1/3U2B	1.4/0.7, 0.56	230/460 (796 Line), 575 (990 Line)	0.33	3430	2	56
TXD56 1/2U2B	2.0/1.0, 0.88	230/460 (796 Line), 575 (990 Line)	0.5	3440	2	56
TXD56 3/4U2B	2.6/1.3, 1.04	230/460 (796 Line), 575 (990 Line)	0.75	3450	2	56

TXD56 1/4U4B	1.4/0.7, 0.56	230/460 (796 Line), 575 (990 Line)	0.25	1740	4	56
TXD56 1/3U4B	1.6/0.8, 0.64	230/460 (796 Line), 575 (990 Line)	0.33	1740	4	56
TXD56 1/2U4B	2.2/1.1, 0.96	230/460 (796 Line), 575 (990 Line)	0.5	1745	4	56
TXD56 3/4U4B	2.8/1.4, 1.12	230/460 (796 Line), 575 (990 Line)	0.75	1745	4	56
TXD143T1U2B	2.6/1.3, 1.04	230/460 (796 Line), 575 (990 Line)	1	3500	2	143T
TXD56H1U2B	2.6/1.3, 1.04	230/460 (796 Line), 575 (990 Line)	1	3500	2	56H
TXD143T1.5U2B	4.0/2.0, 1.6	230/460 (796 Line), 575 (990 Line)	1.5	3500	2	143T
TXD56H1.5U2B	4.0/2.0, 1.6	230/460 (796 Line), 575 (990 Line)	1.5	3500	2	56H
TXD145T2U2B	5.4/2.7, 2.16	230/460 (796 Line), 575 (990 Line)	2	3500	2	145T
TXD56H2U2B	5.4/2.7, 2.16	230/460 (796 Line), 575 (990 Line)	2	3500	2	56H
TXD145T3U2B	7.8/3.9, 3.12	230/460 (796 Line), 575 (990 Line)	3	3500	2	145T
TXD56H3U2B	7.8/3.9, 3.12	230/460 (796 Line), 575 (990 Line)	3	3500	2	56H
TXD143T1U4B	3.2/1.6, 1.28	230/460 (796 Line), 575 (990 Line)	1	1745	4	143T
TXD56H1U4B	3.2/1.6, 1.28	230/460 (796 Line), 575 (990 Line)	1	1745	4	56H
TXD145T1.5U4B	4.6/2.3, 1.84	230/460 (796 Line), 575 (990 Line)	1.5	1745	4	145T
TXD56H1.5U4B	4.6/2.3, 1.84	230/460 (796 Line), 575 (990 Line)	1.5	1745	4	56H
TXD145T2U4B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1745	4	145T
TXD56H2U4B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1745	4	56H
TXD145T1U6B	3.8/1.9, 1.52	230/460 (796 Line), 575 (990 Line)	1	1150	6	145T
TXD56H1U6B	3.8/1.9, 1.52	230/460 (796 Line), 575 (990 Line)	1	1150	6	56H
TXD184T5U2B	12.6/6.3, 5.04	230/460 (796 Line), 575 (990 Line)	5	3520	2	184T
TXD184T7.5U2B	18.4/9.2, 7.36	230/460 (796 Line), 575 (990 Line)	7.5	3530	2	184T
TXD182T3U4B	8.4/4.2, 3.36	230/460 (796 Line), 575 (990 Line)	3	1745	4	182T
TXD184T5U4B	13.6/6.8, 5.44	230/460 (796 Line), 575 (990 Line)	5	1745	4	184T
TXD182T1.5U6B	5.0/2.5, 2.0		1.5	1150	6	182T

Model	Input A	Phase Voltage (Line Voltage)	HP	RPM	No. of Pole	Frame
		230/460 (796 Line), 575 (990 Line)				
TXD184T2U6B	6.4/3.2, 2.56	230/460 (796 Line), 575 (990 Line)	2	1150	6	184T
TXD215T10U2B	23/11.5, 9.2	230/460 (796 Line), 575 (990 Line)	10	3535	2	215T
TXD215T15U2B	36.2/18.1, 14.48	230/460 (796 Line), 575 (990 Line)	15	3540	2	215T
TXD213T7.5U4B	19.6/9.8, 7.84	230/460 (796 Line), 575 (990 Line)	7.5	1750	4	213T
TXD215T10U4B	25/12.5, 10	230/460 (796 Line), 575 (990 Line)	10	1755	4	215T
TXD213T3U6B	9.2/4.6, 3.68	230/460 (796 Line), 575 (990 Line)	3	1170	6	213T
TXD215T5U6B	16.4/8.2, 6.56	230/460 (796 Line), 575 (990 Line)	5	1165	6	215T

- Squirrel cage induction motors, TXA, TXAB and TXC Series, Enclosure TEFC, NEMA Frames 143T to 447T, 60 Hz, three-phase, 40 C max ambient, SF 1.15, continuous duty, Class F insulation.

Model	Input A	Phase Voltage (Line Voltage)	HP	RPM	No. of Pole	Frame
TXC143T1.5U2B, TXA143T1.5U2B, TXAB143T1.5U2B	4.0/2.0, 1.6	230/460 (796 Line), 575 (990 Line)	1.5	3500	2	143T
TXC143T2U2B, TXA143T2U2B, TXAB143T2U2B	5.4/2.7, 2.16	230/460 (796 Line), 575 (990 Line)	2	3500	2	143T
TXC143T1U4B, TXA143T1U4B, TXAB143T1U4B	3.2/1.6, 1.28	230/460 (796 Line), 575 (990 Line)	1	1745	4	143T
TXC145T1.5U4B, TXA145T1.5U4B, TXAB145T1.5U4B	4.6/2.3, 1.84	230/460 (796 Line), 575 (990 Line)	1.5	1745	4	145T
TXC145T2U4B, TXA145T2U4B, TXAB145T2U4B	6.0/3.0, 2.4	230/460 (796 Line), 575 (990 Line)	2	1745	4	145T
TXC145T1U6B, TXA145T1U6B, TXAB145T1U6B	3.5/1.75, 1.4	230/460 (796 Line), 575 (990 Line)	1	1150	6	145T
TXC182T3U2B, TXA182T3U2B, TXAB182T3U2B	7.8/3.9, 3.12	230/460 (796 Line), 575 (990 Line)	3	3510	2	182T
TXC184T5U2B, TXA184T5U2B, TXAB184T5U2B	14.4/7.2, 5.8	230/460 (796 Line), 575 (990 Line)	5	3520	2	184T
TXC182T3U4B, TXA182T3U4B, TXAB182T3U4B	9.6/4.8, 3.84	230/460 (796 Line), 575 (990 Line)	3	1745	4	182T
TXC184T5U4B, TXA184T5U4B, TXAB184T5U4B	13.0/6.5, 5.2	230/460 (796 Line), 575 (990 Line)	5	1745	4	184T

TXC182T1.5U6B, TXA182T1.5U6B, TXAB182T1.5U6B	4.4/2.2, 1.8	23	230/460 (796 Line), 575 (990 Line)	1.5	1150	6	182T
TXC184T2U6B, TXA184T2U6B, TXAB184T2U6B	6.0/3.0, 2.4		230/460 (796 Line), 575 (990 Line)	2	1150	6	184T
TXC213T7.5U2B, TXA213T7.5U2B, TXAB213T7.5U2B	21.2/10.6, 8.5		230/460 (796 Line), 575 (990 Line)	7.5	3530	2	213T
TXC215T10U2B, TXA215T10U2B, TXAB215T10U2B	26.4/13.2, 10.6		230/460 (796 Line), 575 (990 Line)	10	3540	2	215T
TXC215T15U2B TXA215T15U2B, TXAB215T15U2B	33/16.5, 13.2		230/460 (796 Line), 575 (990 Line)	15	3530	2	215T
TXC213T7.5U4B, TXA213T7.5U4B, TXAB213T7.5U4B	22.6/11.3, 9.1		230/460 (796 Line), 575 (990 Line)	7.5	1750	4	213T
TXC215T10U4B, TXA215T10U4B, TXAB215T10U4B	28.8/14.4, 11.52		230/460 (796 Line), 575 (990 Line)	10	1755	4	215T
TXC213T3U6B, TXA213T3U6B, TXAB213T3U6B	8.1/4.2, 3.4		230/460 (796 Line), 575 (990 Line)	3	1170	6	213T
TXC215T5U6B, TXA215T5U6B, TXAB215T5U6B	14.2/7.1, 5.68		230/460 (796 Line), 575 (990 Line)	5	1165	6	215T
TXC254T15U2B	36.8/18.4, 14.72		230/460 (796 Line), 575 (990 Line)	15	3500	2	254T
TXC256T20U2B	46.2/23.1, 18.5		230/460 (796 Line), 575 (990 Line)	20	3520	2	256T
TXC254T15U4B	39.4/19.7, 15.8		230/460 (796 Line), 575 (990 Line)	15	1750	4	254T
TXC256T20U4B	49.4/24.7, 19.8		230/460 (796 Line), 575 (990 Line)	20	1760	4	256T
TXC254T7.5U6B	21.2/10.6, 8.5		230/460 (796 Line), 575 (990 Line)	7.5	1170	6	254T
TXC256T10U6B	27.4/13.7, 10.96		230/460 (796 Line), 575 (990 Line)	10	1170	6	256T
TXC284TS25U2B	57.8/28.9, 23.2		230/460 (796 Line), 575 (990 Line)	25	3530	2	284TS
TXC286TS30U2B	69.0/34.5, 27.6		230/460 (796 Line), 575 (990 Line)	30	3530	2	286TS
TXC284T25U4B	59.2/29.6, 23.68		230/460 (796 Line), 575 (990 Line)	25	1760	4	284T

TXC286T30U4B	71.0/35.5, 28.4	230/460 (796 Line), 575 (990 Line)	30	1770	4	286T
TXC284T15U6B	38.6/19.3, 15.5	230/460 (796 Line), 575 (990 Line)	15	1175	6	284T
TXC286T20U6B	51.6/25.8, 20.64	230/460 (796 Line), 575 (990 Line)	20	1175	6	286T
TXC324TS40U2B	93.0/46.5, 37.2	230/460 (796 Line), 575 (990 Line)	40	3540	2	324TS
TXC326TS50U2B	116.8/58.4, 46.72	230/460 (796 Line), 575 (990 Line)	50	3540	2	326TS
TXC324T40U4B	94.2/47.1, 37.7	230/460 (796 Line), 575 (990 Line)	40	1770	4	324T
TXC326T50U4B	118.4/59.2, 47.4	230/460 (796 Line), 575 (990 Line)	50	1770	4	326T
TXC324T25U6B	63.8/31.9, 25.52	230/460 (796 Line), 575 (990 Line)	25	1180	6	324T
TXC326T30U6B	76.0/38.0, 30.4	230/460 (796 Line), 575 (990 Line)	30	1180	6	326T
TXC364TS60U2B	129.0/64.5, 51.6	230/460 (796 Line), 575 (990 Line)	60	3550	2	364TS
TXC365TS75U2B	168.6/84.3, 67.44	230/460 (796 Line), 575 (990 Line)	75	3550	2	365TS
TXC364T60U4B	138.8/69.4, 55.52	230/460 (796 Line), 575 (990 Line)	60	1775	4	364T
TXC365T75U4B	172.4/86.2, 68.96	230/460 (796 Line), 575 (990 Line)	75	1775	4	365T
TXC364T40U6B	94.8/47.4, 37.92	230/460 (796 Line), 575 (990 Line)	40	1180	6	364T
TXC365T50U6B	118.4/59.2, 47.36	230/460 (796 Line), 575 (990 Line)	50	1180	6	365T
TXC405TS100U2B	200/100, 80	230/460 (796 Line), 575 (990 Line)	100	3570	2	405TS
TXC405T100U4B	228/114, 91.2	230/460 (796 Line), 575 (990 Line)	100	1780	4	405T
TXC404T60U6B	140.0/70.0, 56		60	1185	6	404T



Model	Voltage (V)	Ampere (A)	Output (kW)	Frequency (HZ)	Pole (No.)	Notes
TXC405T75U6B	175.4/87.7, 70.16	75	1185	6	405T	230/460 (796 Line), 575 (990 Line)
TXC444TS125U2B	274/137, 109.6	125	3575	2	444TS	230/460 (796 Line), 575 (990 Line)
TXC445TS150U2B	328/164, 131.2	150	3575	2	445TS	230/460 (796 Line), 575 (990 Line)
TXC447TS200U2B	430/215, 172	200	3575	2	447TS	230/460 (796 Line), 575 (990 Line)
TXC449TS250U2B	537/268.5, 207.4	250	3575	2	449T	230 230/460 (796 Line), 575 (990 Line)
TXC444T125U4B	282/141, 112.8	125	1780	4	444T	230/460 (796 Line), 575 (990 Line)
TXC445T150U4B	338/169, 135.2	150	1780	4	445T	230/460 (796 Line), 575 (990 Line)
TXC447T200U4B	446/223, 178.4	200	1780	4	447T	230/460 (796 Line), 575 (990 Line)
TXC449T250U4B	560/280, 224	250	1780	4	449T	230/460 (796 Line), 575 (990 Line)
TXC444T100U6B	232/116, 92.8	100	1180	6	444T	230/460 (796 Line), 575 (990 Line)
TXC445T125U6B	290/145, 116	125	1180	6	445T	230/460 (796 Line), 575 (990 Line)
TXC447T150U6B	340/170, 136	150	1180	6	447T	230/460 (796 Line), 575 (990 Line)
TXC447T150U6B	460/230, 184	200	1180	6	449t	230/460 (796 Line), 575 (990 Line)

Notes:

1. Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.
2. Final acceptance of these motors when installed is subject to the jurisdiction of the local inspection authority.
  - Three-phase induction motors, type TFA series, cast aluminium enclosure, TEFC, Class F insulation, 40 C ambient max, NEMA Frame 56.

Model	Voltage (V)	Ampere (A)	Output (kW)	Frequency (HZ)	Pole (No.)
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TFA 56 1/3U2B	208-230/460V	1.34-1.45/0.73	1/3 / 0.25	60	2
TFA 56 1/2U2B	208-230/460V	1.78-1.89/0.95	1/2 / 0.33	60	2
TFA 56 3/4U2B	208-230/460V	2.46-2.54/1.27	3/4 / 0.55	60	2
TFA 56 1U2B	208-230/460V	3.06-3.14/1.57	1 / 0.75	60	2
TFA 56 1.5U2B	208-230/460V	4.21-4.16/2.08	1.5 / 1.1	60	2
TFA 56 2U2B	208-230/460V	5.55-5.42/2.71	2 / 1.5	60	2
TFA 56 3U2B	208-230/460V	8.08-7.74/3.87	3 / 2.2	60	2
TFA 56 1/3U4B	208-230/460V	1.45-1.66/0.83	1/3 / 0.25	60	4
TFA 56 1/2U4B	208-230/460V	1.87-2.06/1.03	1/2 / 0.33	60	4
TFA 56 3/4U4B	208-230/460V	2.57-2.72/1.36	3/4 / 0.55	60	4
TFA 56 1U4B	208-230/460V	3.24-3.22/1.61	1 / 0.75	60	4
TFA 56 1.5U4B	208-230/460V	4.61-4.48/2.24	1.5 / 1.1	60	4
TFA 56 2U4B	208-230/460V	6.21-6.08/3.04	2 / 1.5	60	4

Model	Voltage (V)	Ampere (A)	Output (kW)	Frequency (HZ)	Pole (No.)
TFA 56 1/3U2B	575	0.61	1/3 / 0.25	60	2
TFA 56 1/2U2B	575	0.76	1/2 / 0.33	60	2
TFA 56 3/4U2B	575	1.02	3/4 / 0.55	60	2
TFA 56 1U2B	575	1.26	1 / 0.75	60	2
TFA 56 1.5U2B	575	1.66	1.5 / 1.1	60	2
TFA 56 2U2B	575	2.17	2 / 1.5	60	2
TFA 56 3U2B	575	3.10	3 / 2.2	60	2
TFA 56 1/3U4B	575	0.66	1/3 / 0.25	60	4
TFA 56 1/2U4B	575	0.82	1/2 / 0.33	60	4
TFA 56 3/4U4B	575	1.09	3/4 / 0.55	60	4
TFA 56 1U4B	575	1.29	1 / 0.75	60	4
TFA 56 1.5U4B	575	1.79	1.5 / 1.1	60	4
TFA 56 2U4B	575	2.43	2 / 1.5	60	4

## Notes:

1. Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.

2. Final acceptance of these motors when installed is subject to the jurisdiction of the local inspection authority.

- Three phase squirrel cage induction motors, TDC Series, Enclosure ODP, NEMA Frames 254 to 445T, 60 Hz, 40 C max ambient, SF 1.15, continuous duty, Class F insulation.

Model	Input A	Voltage	HP	RPM	No. of Pole	Frame
TDC254T15U2B	35.6/17.8, 14.2	230/460, 575	15	3540	2	254T
TDC256T20U2B	46.5/23.2, 18.6	230/460, 575	20	3540	2	256T
TDC284TS25U2B	57.5/28.8, 23.1	230/460, 575	25	3550	2	284T
TDC286TS30U2B	68.4/34.2, 27.4	230/460, 575	30	3550	2	286T
TDC324TS40U2B	91.6/45.8, 36.6	230/460, 575	40	3560	2	324T
TDC326TS50U2B	112.5/56.2, 45	230/460, 575	50	3560	2	326T
TDC364TS60U2B	135.6/67.8, 54.2	230/460, 575	60	3560	2	364T
TDC365TS75U2B	167.6/83.8, 67	230/460, 575	75	3560	2	365T
TDC405TS100U2B	223.5/111.7, 89.4	230/460, 575	100	3570	2	405T
TDC444TS125U2B	139, 111.2	460, 575	125	3575	2	444T
TDC445TS150U2B	165, 132	460, 575	150	3575	2	445T
TDC254T15U4B	37.5/18.7, 15	230/460, 575	15	1760	4	254T
TDC256T20U4B	48.8/24.4, 19.5	230/460, 575	20	1760	4	256T
TDC284T25U4B	59.2/29.6, 23.7	230/460, 575	25	1770	4	284T
TDC286T30U4B	70.6/35.3, 28.2	230/460, 575	30	1770	4	286T
TDC324T40U4B	93.1/46.5, 37.2	230/460, 575	40	1770	4	324T
TDC326T50U4B	114.5/57.2, 45.8	230/460, 575	50	1770	4	326T
TDC364T60U4B	138/69, 55.3	230/460, 575	60	1775	4	364T
TDC365T75U4B	170.8/85.4, 68.3	230/460, 575	75	1775	4	365T
TDC404T100U4B	229.5/114.7, 91.8	230/460, 575	100	1780	4	404T
TDC405T100U4B	229.5/114.7, 91.8	230/460, 575	100	1780	4	405T
TDC444T125U4B	140.2, 112.2	460, 575	125	1780	4	444T
TDC444T150U4B	167.5, 134	460, 575	150	1780	4	444T
TDC445T150U4B	167.5, 134	460, 575	150	1780	4	445T
TDC254T7.5U6B	21.2/10.6, 8.5	230/460, 575	7.5	1170	6	254T
TDC256T10U6B	27/13.5, 10.8	230/460, 575	10	1170	6	256T
TDC284T15U6B	38.5/19.2, 15.4	230/460, 575	15	1175	6	284T
TDC286T20U6B	50.9/25.5, 20.4	230/460, 575	20	1175	6	286T
TDC324T25U6B	62.5/31.2, 25	230/460, 575	25	1180	6	324T
TDC326T30U6B	73.6/36.8, 29.4	230/460, 575	30	1180	6	326T
TDC364T40U6B	95.3/47.6, 38.1	230/460, 575	40	1180	6	364T
TDC365T50U6B	119.1/59.5, 47.6	230/460, 575	50	1180	6	365T
TDC404T60U6B	140.6/70.3, 56.3	230/460, 575	60	1185	6	404T
TDC405T75U6B	173.7/86.9, 69.5	230/460, 575	75	1185	6	405T
TDC444T100U6B	230.4/115.2, 92.2	230/460, 575	100	1185	6	444T
TDC445T125U6B	144, 115.2	460, 575	125	1185	6	445T

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Notes:

1. Certified only as a component of other certified equipment, where the suitability of the combination is to be determined.
2. Final acceptance of these motors when installed is subject to the jurisdiction of the local inspection authority.

## TO THE REQUIREMENT OF UL STD 1004-1 SECOND EDITION

- Three-phase squirrel cage induction motors, XP3 series, totally enclosed, NEMA design B, frames 143 to 449, 60 Hz, 40 C max ambient, SF=1 or 1.15, continuous duty, Class F insulation.

Model	Power (HP)	Voltage (V)	Current (A)	Speed (r/min)	Service Factor	NEMA Frame
XP3-143T-2-1	1	208-230/460	3.2-2.90/1.45	3498	1.15	143
XP3-143TC-2-1		575	1.16	3499		
XP3-143TCR-2-1						
XP3-143T-2-1.5	1.5	208-230/460	4.4-3.98/1.99	3491	1.15	143
XP3-143TC-2-1.5		575	1.59	3490		
XP3-143TCR-2-1.5						
XP3-145T-2-2	2	208-230/460	5.7-5.15/2.57	3492	1.15	145
XP3-145TC-2-2		575	2.06	3497		
XP3-145TCR-2-2						
XP3-182T-2-3	3	208-230/460	8.3-7.55/3.78	3529	1.15	182
XP3-182TC-2-3		575	3.02	3529		
XP3-182TCR-2-3						
XP3-184T-2-5	5	208-230/460	13.44-12.16/6.08	3521	1.15	184
XP3-184TC-2-5		575	4.86	3522		
XP3-184TCR-2-5						
XP3-213T-2-7.5	7.5	208-230/460	19.92-18.03/9.02	3530	1.15	213
XP3-213TC-2-7.5		575	7.22	3531		
XP3-213TCR-2-7.5						
XP3-215T-2-10	10	208-230/460	26.37-23.86/11.93	3527	1.15	15
XP3-215TC-2-10		575	9.55	3527		
XP3-215TCR-2-10						
XP3-254T-2-15	15	230/460	35.08/17.54	3555	1.15	254
XP3-254TC-2-15		575	14.03	3553		
XP3-254TCR-2-15						
XP3-256T-2-20	20	230/460	46.77/23.38	3550	1.15	256
XP3-256TC-2-20		575	18.71	3551		
XP3-256TCR-2-20						

XP3-284TS-2-25	25	230/460	58.02/29.00	3560	1.15	284
XP3-284TSC-2-25						
XP3-284TSCR-2-25		575	23.21	3566		
XP3-286TS-2-30	30	230/460	69.62/34.81	3560	1.15	286
XP3-286TSC-2-30						
XP3-286TSCR-2-30		575	27.85	3561		
XP3-324TS-2-40	40	230/460	92.12/46.06	3571	1.15	324
XP3-324TSC-2-40						
XP3-324TSCR-2-40		575	36.85	3569		
XP3-326TS-2-50	50	230/460	114.41/57.20	3570	1.15	326
XP3-326TSC-2-50						
XP3-326TSCR-2-50		575	45.76	3569		
XP3-364TS-2-60	60	230/460	136.41/68.21	3573	1.15	364
XP3-364TSC-2-60						
XP3-364TSCR-2-60		575	54.57	3571		
XP3-365TS-2-75	75	230/460	170.52/85.26	3571	1.15	365
XP3-365TSC-2-75						
XP3-365TSCR-2-75		575	68.21	3573		
XP3-405TS-2-100	100	230/460	226.15/113.07	3574	1.0	405
XP3-405TSC-2-100						
XP3-405TSCR-2-100		575	90.46	3574		
XP3-444TS-2-125	125	460	140.00	3578	1.0	444
XP3-444TSC-2-125						
XP3-444TSCR-2-125		575	112.00	3575		
XP3-445TS-2-150	150	460	168.00	3576	1.0	445
XP3-445TSC-2-150						
XP3-445TSCR-2-150		575	134.40	3574		
XP3-447TS-2-200	200	460	223.07	3577	1.0	447
XP3-445TSC-2-200						
XP3-445TSCR-2-200		575	178.45	3575		
XP3-449TS-2-250	250	460	277.67	3576	1.0	449
XP3-447TSC-2-250						
XP3-447TSCR-2-250		575	222.13	3574		
XP3-143T-4-1	1	208-230/460	3.46-	1763	1.15	143
XP3-143TC-4-1			3.13/1.56			
XP3-143TCR-4-1		575	1.25	1763		

XP3-145T-4-1.5	1.5	208-230/460	5.05- 4.57/2.29	1758	1.15	145
XP3-145TC-4-1.5						
XP3-145TCR-4-1.5		575	1.83	1757		
XP3-145T-4-2	2	208-230/460	6.64- 6.01/3.00	1749	1.15	145
XP3-145TC-4-2						
XP3-145TCR-4-2		575	2.41	1748		
XP3-182T-4-3	3	208- 230/460V	9.25- 8.37/4.18	1772	1.15	182
XP3-182TC-4-3						
XP3-182TCR-4-3		575	3.35	1774		
XP3-184T-4-5	5	208-230/460	14.82- 13.41/6.70	1766	1.15	184
XP3-184TC-4-5						
XP3-184TCR-4-5		575	5.36	1769		
XP3-213T-4-7.5	7.5	208-230/460	21.7- 19.64/9.82	1767	1.15	213
XP3-213TC-4-7.5						
XP3-213TCR-4-7.5		575	7.85	1769		
XP3-215T-4-10	10	208-230/460	28.21- 25.53/12.76	1763	1.15	215
XP3-215TC-4-10						
XP3-215TCR-4-10		575	10.21	1764		
XP3-254T-4-15	15	230/460	37.07/18.54	1777	1.15	254
XP3-254TC-4-15						
XP3-254TCR-4-15		575	14.83	1776		
XP3-256T-4-20	20	230/460	47.94/23.97	1777	1.15	256
XP3-256TC-4-20						
XP3-256TCR-4-20		575	19.18	1776		
XP3-284T-4-25	25	230/460	59.55/29.77	1780	1.15	286
XP3-284TC-4-25						
XP3-284TCR-4-25		575	23.82	1781		
XP3-284T-4-30	30	230/460	71.45/35.73	1781	1.15	284
XP3-284TC-4-30						
XP3-284TCR-4-30		575	28.58	1780		
XP3-324T-4-40	40	230/460	94.77/47.38	1784	1.15	324
XP3-324TC-4-40						
XP3-324TCR-4-40		575	37.91	1784		
XP3-326T-4-50	50	230/460	117.96/58.98	1784	1.15	326
XP3-326TC-4-50						
XP3-326TCR-4-50		575	47.18	1784		

XP3-364T-4-60	60	230/460V	139.15/69.57	1786	1.15	364
XP3-364TC-4-60						
XP3-364TCR-4-60		575	55.65	1785		
XP3-365T-4-75	75	230/460	173.20/86.60	1786	1.15	365
XP3-365TC-4-75						
XP3-365TCR-4-75		575	69.28	1787		
XP3-405T-4-100	100	230/460	230.94/115.47	1788	1.0	405
XP3-405TC-4-100						
XP3-405T-4CR-100		575	92.38	1788		
XP3-444T-4-125	125	460	144.34	1789	1.0	444
XP3-444TC-4-125						
XP3-444TCR-4-125		575	115.47	1789		
XP3-445T-4-150	150	460	172.48	1789	1.0	445
XP3-445TC-4-150						
XP3-445TCR-4-150		575	137.98	1788		
XP3-447T-4-200	200	460	229.02	1789	1.0	447
XP3-447TC-4-200						
XP3-447T-4CR-200		575	183.21	1789		
XP3-449T-4-250	250	460	276.51	1788	1.0	449
XP3-447TC-4-250						
XP3-447TCR-4-250		575	221.21	1789		
XP3-145T-6-1	1	208-230/460	3.86- 3.49/1.75	1169	1.15	145
XP3-145TC-6-1						
XP3-145TCR-6-1		575	1.40	1169		
XP3-182T-6-1.5	1.5	208-230/460	5.55- 5.02/2.51	1186	1.15	182
XP3-182TC-6-1.5						
XP3-182TCR-6-1.5		575	2.01	1186		
XP3-184T-6-2	2	208-230/460	6.77- 6.13/3.07	1185	1.15	184
XP3-184TC-6-2						
XP3-184TCR-6-2		575	2.45	1184		
XP3-213T-6-3	3	208-230/460	9.62- 8.71/4.36	1185	1.15	213
XP3-213TC-6-3						
XP3-213TCR-6-3		575	3.49	1186		
XP3-215T-6-5	5	208-230/460	16.29- 14.74/7.38	1182	1.15	215
XP3-215TC6-5						
XP3-215TCR-6-5		575	5.89	1182		

XP3-254T-6-7.5	7.5	208-230/460	24.02- 21.74/10.87	1182	1.15	254
XP3-254TC-6-7.5						
XP3-254TCR-6-7.5		575	8.70	1182		
XP3-256T-6-10	10	208-230/460	30.73- 27.81/13.90	1182	1.15	256
XP3-256TC-6-10						
XP3-256TCR-6-10		575	11.12	1182		
XP3-284T-6-15	15	230/460	39.27/19.64	1185	1.15	284
XP3-284TC-6-15						
XP3-284TCR-6-15		575	15.71	1186		
XP3-286T-6-20	20	230/460	51.70/25.85	1184	1.15	286
XP3-286TC-6-20						
XP3-286TCR-6-20		575	20.68	1183		
XP3-324T-6-25	25	230/460	63.38/32.69	1188	1.15	324
XP3-324TC-6-25						
XP3-324TCR-6-25		575	26.15	1188		
XP3-326T-6-30	30	230/460	77.45/38.72	1189	1.15	326
XP3-326TC-6-30						
XP3-326TCR-6-30		575	30.98	1189		
XP3-364T-6-40	40	230/460	99.50/49.75	1191	1.15	364
XP3-364TC-6-40						
XP3-364TCR-6-40		575	39.80	1191		
XP3-365T-6-50	50	230/460	124.38/62.19	1191	1.15	365
XP3-365TC-6-50						
XP3-365TCR-6-50		575	49.75	1190		
XP3-404T-6-60	60	230/460	146.79/73.40	1193	1.15	404
XP3-404TC-6-60						
XP3-404TCR-6-60		575	58.71	1192		
XP3-405T-6-75	75	230/460	183.48/91.74	1193	1.0	405
XP3-405TC-6-75						
XP3-405TCR-6-75		575	73.39	1192		
XP3-444T-6-100	100	230/460	240.40/120.20	1193	1.0	444
XP3-444TC-6-100						
XP3-444TCR-6-100		575	96.16	1193		
XP3-445T-6-125	125	460	150.25	1193	1.0	445
XP3-445TC-6-125						
XP3-445TCR-6-125		575	120.20	1193		



XP3-447T-6-150	150	460	176.64	1193	1.0	447
XP3-447TC-6-150		575	141.31	1193		
XP3-447TCR-6-150						
XP3-449T-6-200	200	460	229.97	1193	1.0	449
XP3-449TC-6-200		575	184.00	1193		
XP3-449TCR-6-200						

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