

TECA

Series Aluminium Housing Three-Phase Multi-Mount Asynchronous Motor

TECA series Aluminum Housing 3 Phase Multi-mount motors up to 200 frame, utilising new automated production technology. The motors are manufactured to IEC Standard

Motors are :Easily maintained,light weight with high performance and low noise levels. The multi-mount design offers both O.E.M and stockist greater flexibility where terminal box position is important.



TECA Series **IE1** Efficiency Motors Technical Data (at 50Hz)

Model	Power (KW)	Current (A)			Current (A)			Current (A)			Speed (r/min)	Eff. (%)	Power Factor (CosΦ)	T _{st} /T _n (Times)	T _{max} /T _n (Times)	T _{min} /T _n (Times)	I _{st} /I _n (Times)	Noise dB(A)	W.T (Kg)
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
TECA 561-2	0.09	0.66	0.38	0.22	0.62	0.36	0.21	0.60	0.35	0.20	2710	53	0.72	2.2	2.3	2	4	58	2.60
TECA 562-2	0.12	0.73	0.42	0.24	0.69	0.40	0.23	0.67	0.39	0.22	2700	61	0.72	2.2	2.3	2	4	58	3.00
TECA 563-2	0.18	1.00	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31	2710	63	0.75	2.2	2.4	1.6	6	61	4.00
TECA 631-2	0.18	1.00	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31	2710	63	0.75	2.2	2.4	1.6	6	61	4.00
TECA 632-2	0.25	1.29	0.75	0.43	1.23	0.71	0.41	1.19	0.69	0.40	2710	65	0.78	2.2	2.4	1.6	6	61	4.20
TECA 633-2	0.37	1.92	1.11	0.64	1.82	1.05	0.61	1.76	1.02	0.59	2710	65	0.78	2.2	2.4	1.6	6	62	4.70
TECA 711-2	0.37	1.76	1.02	0.59	1.67	0.97	0.56	1.61	0.93	0.54	2730	70	0.79	2.2	2.4	1.6	6	64	5.20
TECA 712-2	0.55	2.57	1.49	0.86	2.45	1.42	0.82	2.36	1.36	0.79	2760	71	0.79	2.2	2.4	1.6	6	64	6.00
TECA 713-2	0.75	3.33	1.93	1.11	3.18	1.83	1.06	3.06	1.77	1.02	2730	72	0.82	2.2	2.4	1.5	6	65	7.00
TECA 801-2	0.75	3.21	1.86	1.07	3.06	1.77	1.02	2.94	1.70	0.98	2770	73	0.84	2.2	2.4	1.5	6	67	8.70
TECA 802-2	1.1	4.56	2.64	1.52	4.35	2.51	1.45	4.18	2.42	1.39	2770	76.2	0.83	2.2	2.4	1.5	6	67	10.00
TECA 803-2	1.5	6.04	3.50	2.01	5.87	3.32	1.92	5.54	3.20	1.85	2800	78.5	0.83	2.2	2.4	1.5	6	70	11.20
TECA 90S-2	1.5	5.97	3.46	1.99	5.76	3.28	1.90	5.47	3.16	1.82	2840	78.5	0.84	2.2	2.4	1.5	6	72	12.00
TECA 90L1-2	2.2	8.39	4.85	2.80	8.0	4.61	2.66	7.69	4.45	2.56	2840	81	0.85	2.2	2.4	1.4	6	72	14.50
TECA 90L2-2	3	11.1	6.42	3.69	10.6	6.10	3.52	10.2	5.88	3.39	2840	82.6	0.86	2.2	2.4	1.4	6	74	15.00

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

Model	Power (KW)	Current (A)			Current (A)			Current (A)			Speed (r/min)	Eff. (%)	Power Factor (CosΦ)	T _{st} /T _n (Times)	T _{max} /T _n (Times)	T _{min} /T _n (Times)	I _{st} /I _n (Times)	Noise dB(A)	W.T (Kg)
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
TECA 100L1-2	3	11	6.34	3.65	10.4	6.03	3.48	10	5.81	3.35	2840	82.6	0.87	2.2	2.3	1.4	7	76	20
TECA 100L2-2	4	14.3	8.3	4.78	13.7	7.88	4.55	13.1	7.6	4.38	2850	84.2	0.87	2.2	2.3	1.4	7.5	77	24
TECA 112M-2	4	14.3	8.3	4.78	13.7	7.88	4.55	13.1	7.6	4.38	2880	84.2	0.87	2.2	2.3	1.4	7.5	77	26
TECA 112L-2	5.5	19.1	11.1	6.38	18.2	10.5	6.08	17.5	10.1	5.85	2880	85.7	0.88	2.2	2.3	1.2	7.5	78	29.3
TECA 132S1-2	5.5	19.1	11.1	6.38	18.2	10.5	6.08	17.5	10.1	5.85	2900	85.7	0.88	2	2.2	1.2	7.5	80	38.4
TECA 132S2-2	7.5	25.7	14.9	8.57	24.5	14.1	8.16	23.6	13.6	7.86	2920	87	0.88	2	2.2	1.2	7.5	80	41.3
TECA 132M1-2	9.2	30.8	17.8	10.3	29.9	17.3	9.96	28.3	16.3	9.42	2930	88	0.89	2	2.2	1.2	7.5	81	48.2
TECA 132M2-2	11	36.3	21	12.1	34.6	20	11.5	33.3	19.2	11.1	2930	88.4	0.9	2	2.2	1.2	7.5	83	52.5
TECA 160M1-2	11	36.3	21	12.1	34.6	20	11.5	33.3	19.2	11.1	2940	88.4	0.9	2	2.2	1.2	7.5	86	76
TECA 160M2-2	15	48.4	28	16.1	46.1	26.6	15.4	44.4	25.7	14.8	2940	89.4	0.91	2	2.2	1.2	7.5	86	77.5
TECA 160L-2	18.5	59.3	34.3	19.8	56.5	32.6	18.8	54.3	31.4	18.1	2940	90	0.91	2	2.2	1.1	7.5	86	92
TECA 180M-2	22	71.3	41.3	23.8	68.2	39.2	22.6	65.3	37.8	21.8	2950	90	0.9	2	2.2	1.2	7.5	91	121
TECA 200L1-2	30	96	55.6	32.1	91.8	52.8	30.5	88	50.9	29.4	2950	91.2	0.9	2	2.2	1.2	7.5	94	144
TECA 200L2-2	37	117	67.9	39.2	112	64.5	37.2	108	62.2	35.9	2940	92	0.9	2	2.2	1.2	7.5	94	151
TECA 561-4	0.06	0.64	0.37	0.21	0.61	0.35	0.2	0.58	0.34	0.19	1360	50	0.56	2.3	2.4	2	4	50	2.9
TECA 562-4	0.09	0.82	0.47	0.27	0.78	0.45	0.26	0.75	0.43	0.25	1360	52	0.59	2.3	2.4	2	4	50	3.20
TECA 631-4	0.12	1	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31	1360	52	0.64	2.2	2.4	2	4	52	3.7
TECA 632-4	0.18	1.28	0.74	0.43	1.21	0.7	0.4	1.17	0.67	0.39	1310	57	0.65	2.2	2.4	2	4	52	4.2
TECA 633-4	0.25	1.66	0.96	0.55	1.58	0.91	0.53	1.52	0.88	0.51	1340	60	0.66	2.2	2.2	2	4	54	5
TECA 711-4	0.25	1.52	0.88	0.51	1.45	0.84	0.48	1.39	0.81	0.46	1350	60	0.72	2.2	2.4	1.7	6	55	5
TECA 712-4	0.37	2.02	1.17	0.67	1.92	1.11	0.64	1.85	1.07	0.62	1370	65	0.74	2.2	2.4	1.7	6	55	5.8
TECA 713-4	0.55	2.92	1.69	0.97	2.78	1.6	0.93	2.67	1.55	0.89	1380	66	0.75	2.2	2.4	1.7	6	57	6.5
TECA 801-4	0.55	2.87	1.66	0.96	2.74	1.58	0.91	2.63	1.52	0.88	1370	67	0.75	2.2	2.4	1.7	6	58	8.1
TECA 802-4	0.75	3.5	2.03	1.17	3.34	1.93	1.11	3.21	1.86	1.07	1380	72	0.78	2.2	2.4	1.6	6	58	9.1
TECA 803-4	1.1	4.86	2.81	1.62	4.63	2.67	1.54	4.45	2.57	1.48	1390	76.2	0.78	2.2	2.4	1.6	6	60	11
TECA 90S-4	1.1	4.8	2.78	1.6	4.57	2.64	1.52	4.4	2.54	1.47	1400	76.2	0.79	2.2	2.4	1.6	6	61	11.7
TECA 90L1-4	1.5	6.27	3.63	2.09	5.97	3.45	1.99	5.75	3.32	1.92	1400	78.5	0.8	2.2	2.4	1.6	6	61	14.4
TECA 90L2-4	2.2	8.91	5.16	2.97	8.45	4.9	2.83	8.17	4.72	2.72	1400	81	0.8	2.2	2.4	1.5	7	63	17.6
TECA 100L1-4	2.2	8.8	5.09	2.93	8.38	4.84	2.79	8.07	4.66	2.69	1420	81	0.81	2.2	2.3	1.5	7	64	19.2
TECA 100L2-4	3	11.8	6.81	3.92	11.2	6.47	3.74	10.8	6.24	3.6	1420	82.6	0.81	2.2	2.3	1.5	7	64	22.5
TECA 100L3-4	4	15.2	8.8	5.07	14.2	8.36	4.83	13.9	8.06	4.65	1430	84.2	0.82	2.2	2.3	1.5	7	65	27.3
TECA 112M-4	4	15	8.7	5.01	14.3	8.26	4.77	13.8	7.96	4.59	1430	84.2	0.83	2.2	2.2	1.5	7	65	29
TECA 112L-4	5.5	20.3	11.7	6.76	19.3	11.2	6.44	18.6	10.8	6.2	1440	85.7	0.83	2.2	2.2	1.4	7	68	35.7
TECA 132S-4	5.5	20.1	11.6	6.68	19.1	11	6.37	18.4	10.6	6.13	1450	85.7	0.84	2.2	2.2	1.4	7	71	39
TECA 132M-4	7.5	26.6	15.4	8.87	25.4	14.6	8.45	24.4	14.1	8.13	1450	87	0.85	2.2	2.2	1.4	7	71	48.6
TECA 132L1-4	9.2	32.5	18.8	10.8	30.9	17.9	10.3	29.8	17.2	9.9	1460	87.5	0.85	2.2	2.2	1.4	7.5	74	56.5
TECA 132L2-4	11	38	22	12.7	36.2	20.9	12.1	34.8	20.1	11.6	1460	88.4	0.86	2.2	2.2	1.4	7.5	74	64

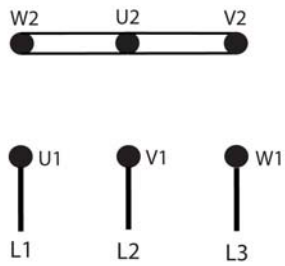
TECA Series **IE1** Efficiency Motors Technical Data (at 50Hz)

Model	Power (KW)	Current (A)			Current (A)			Current (A)			Speed (r/min)	Eff. (%)	Power Factor (CosΦ)	T _{st} /T _n (Times)	T _{max} /T _n (Times)	T _{min} /T _n (Times)	I _{st} /I _n (Times)	Noise dB(A)	W.T (Kg)
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
TECA 160M-4	11	37.5	21.7	12.5	35.8	20.6	11.9	34.4	19.9	11.5	1460	88.4	0.87	2.2	2.2	1.4	7	75	73.00
TECA 160L1-4	15	51.2	29.6	17.1	48.8	28.2	16.3	46.9	27.1	15.6	1460	88.4	0.87	2.2	2.2	1.4	7.5	75	88.50
TECA 160L2-4	18.5	63.1	36.5	21.0	60.1	34.7	20.0	57.9	33.5	19.3	1460	90.5	0.85	2.2	2.2	1.4	7.5	78	97.50
TECA 180M-4	18.5	62.4	36.1	20.8	59.7	34.3	19.8	57.2	33.1	19.1	1460	90.5	0.86	2.2	2.2	1.4	7.5	80	118.0
TECA 180L-4	22	73.8	42.7	24.7	70.6	40.6	23.4	67.7	39.1	22.6	1460	91	0.86	2.2	2.2	1.4	7.5	80	128.0
TECA 200L-4	30	99.5	57.6	33.2	95.1	54.7	31.6	91.2	52.7	30.4	1470	92	0.86	2.2	2.2	1.4	7.5	83	158.0
TECA 631-6	0.09	0.92	0.53	0.31	0.88	0.51	0.29	0.85	0.49	0.28	840	42	0.61	2	2	1.5	3.5	50	4.20
TECA 632-6	0.12	1.13	0.65	0.38	1.08	0.62	0.36	1.03	0.60	0.34	850	45	0.62	2	2	1.5	3.5	50	4.50
TECA 711-6	0.18	1.28	0.74	0.43	1.22	0.70	0.41	1.17	0.68	0.39	880	56	0.66	1.6	1.7	1.5	4	52	5.60
TECA 712-6	0.25	1.59	0.92	0.53	1.51	0.87	0.50	1.46	0.84	0.49	900	59	0.7	2.1	2.2	1.5	4	52	6.00
TECA 713-6	0.37	2.31	1.34	0.77	2.2	1.27	0.73	2.11	1.22	0.70	890	61	0.69	2	2.1	1.5	4	54	6.80
TECA 801-6	0.37	2.24	1.30	0.75	2.13	1.23	0.71	2.05	1.19	0.68	900	62	0.7	1.9	1.9	1.5	4	56	8.10
TECA 802-6	0.55	2.99	1.73	1.00	2.85	1.65	0.95	2.74	1.59	0.91	900	67	0.72	2	2.3	1.5	4	56	9.60
TECA 803-6	0.75	4.02	2.33	1.34	3.83	2.21	1.28	3.69	2.13	1.23	900	68	0.72	2	2.3	1.5	4	58	10.00
TECA 90S-6	0.75	3.96	2.29	1.32	3.77	2.18	1.26	3.63	2.10	1.21	920	69	0.72	2.2	2.2	1.5	5.5	59	11.30
TECA 90L1-6	1.1	5.49	3.18	1.83	5.23	3.02	1.74	5.03	2.91	1.68	925	72	0.73	2.2	2.2	1.3	5.5	59	14.40
TECA 90L2-6	1.5	7.09	4.11	2.36	6.76	3.90	2.25	6.50	3.76	2.17	925	74	0.75	2.2	2.2	1.3	5.5	60	15.50
TECA 100L1-6	1.5	7.00	4.05	2.33	6.67	3.85	2.22	6.42	3.71	2.14	945	74	0.76	2.2	2.2	1.3	6	61	18.80
TECA 100L2-6	2.2	9.87	5.71	3.29	9.40	5.43	3.13	9.04	5.23	3.01	950	77	0.76	2.2	2.2	1.3	6	63	19.80
TECA 112M-6	2.2	9.7	5.64	3.25	9.28	5.36	3.09	8.93	5.16	2.98	955	78	0.76	2.2	2.2	1.3	6	64	25.00
TECA 112L-6	3	12.9	7.49	4.31	12.3	7.12	4.11	11.9	6.86	3.95	950	79	0.77	2.2	2.2	1.3	6	64	30.00
TECA 132S-6	3	13.1	7.59	4.37	12.5	7.21	4.16	12.0	6.95	4.01	960	79	0.76	2	2	1.3	6.5	64	35.00
TECA 132M1-6	4	17.2	9.93	5.72	16.4	9.44	5.45	15.7	9.10	5.24	960	80.5	0.76	2	2	1.3	6.5	68	47.60
TECA 132M2-6	5.5	22.6	13.1	7.53	21.5	12.4	7.17	20.7	12.0	6.9	960	83	0.77	2	2	1.3	6.5	68	50.70
TECA 132L-6	7.5	30.1	17.4	10.0	28.7	16.5	9.55	27.6	15.9	9.2	960	85	0.77	2	2	1.3	6.5	68	47.60
TECA 160M-6	7.5	28.6	16.6	9.5	27.3	15.7	9.08	26.2	15.2	8.7	960	86	0.8	2	2.2	1.3	6.5	68	70.0
TECA 160L-6	11	41.8	24.2	13.9	39.8	23.0	13.3	38.3	22.1	12.8	960	87.5	0.79	2	2.2	1.2	6.5	73	87.0
TECA 180L-6	15	54.6	31.6	18.2	52.2	30.0	17.3	50.1	28.9	16.7	970	89	0.81	2	2.2	1.3	6.5	79	122.0
TECA 200L1-6	18.5	66.6	38.6	22.2	63.7	36.6	21.1	61.0	35.3	20.3	975	90	0.81	2	2.2	1.3	6.5	82	136.0
TECA 200L2-6	22	77.3	44.7	25.8	73.9	42.5	24.5	70.8	41.0	23.6	975	90	0.83	2	2.2	1.3	6.5	82	152.0
TECA 711-8	0.09	0.88	0.51	0.29	0.84	0.48	0.28	0.81	0.47	0.27	680	48	0.56	1.5	1.7	1.3	3	50	5.60
TECA 712-8	0.12	1.05	0.61	0.35	1.00	0.58	0.33	0.96	0.55	0.32	690	51	0.59	1.6	1.7	1.3	2.7	50	6.00
TECA 801-8	0.18	1.52	0.88	0.51	1.45	0.84	0.48	1.39	0.80	0.46	680	51	0.61	1.5	1.7	1.3	2.8	52	9.40
TECA 802-8	0.25	1.92	1.11	0.64	1.83	1.06	0.61	1.76	1.02	0.59	680	56	0.61	1.6	2	1.3	2.7	52	10.10
TECA 90S-8	0.37	2.45	1.42	0.82	2.33	1.35	0.78	2.24	1.30	0.75	680	63	0.63	1.6	1.8	1.3	2.8	56	12.50
TECA 90L-8	0.55	3.36	1.95	1.12	3.21	1.85	1.07	3.08	1.78	1.03	680	66	0.65	1.6	1.8	1.3	3	56	15.30
TECA 100L1-8	0.75	4.45	2.58	1.48	4.24	2.45	1.41	4.08	2.36	1.36	710	66	0.67	1.7	2.1	1.3	3.5	59	17.20
TECA 100L2-8	1.1	5.81	3.36	1.94	5.54	3.20	1.85	5.33	3.08	1.78	710	72	0.69	1.7	2.1	1.2	3.5	59	19.50
TECA 112M-8	1.5	7.82	4.53	2.61	7.45	4.30	2.48	7.17	4.15	2.39	710	74	0.68	1.8	2.1	1.2	4.2	61	25.50
TECA 132S-8	2.2	10.8	6.28	3.61	10.3	5.96	3.44	9.94	5.75	3.31	720	75	0.71	2	2	1.2	5.5	64	34.20
TECA 132M-8	3	14.0	8.11	4.67	13.3	7.70	4.45	12.8	7.43	4.28	720	77	0.73	2	2	1.2	5.5	64	40.00
TECA 160M1-8	4	18.0	10.4	5.99	17.1	9.89	5.71	16.5	9.53	5.49	730	80	0.73	1.9	2.1	1.2	6	68	59.00
TECA 160M2-8	5.5	23.4	13.5	7.79	22.3	12.9	7.42	21.4	12.4	7.14	720	83.5	0.74	2	2.2	1.2	6	68	69.00
TECA 160L-8	7.5	30.9	17.9	10.3	29.4	17.0	9.8	28.3	16.4	9.43	720	85	0.75	1.9	2.2	1.2	6	68	87.00
TECA 180L-8	11	45.2	26.2	15.1	43.6	25.1	14.5	41.5	24.0	13.8	715	87.4	0.73	1.9	2.2	1.2	6	78	125.0
TECA 200L-8	15	58.9	34.1	19.6	56.3	32.4	18.7	54.0	31.2	18.0	725	88.0	0.76	1.9	2.2	1.2	6	80	151.0

Wiring Diagrams

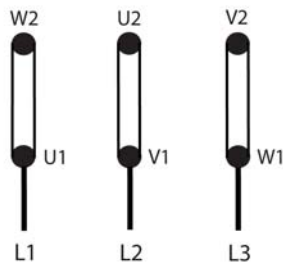
MS Three Phase Motors

Star Connection 



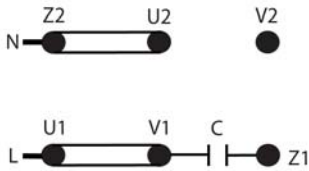
Connect links as shown below


Delta Connection 

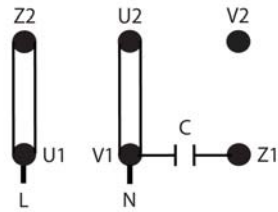


MY Single Phase - Perm Cap

Clockwise Rotation 

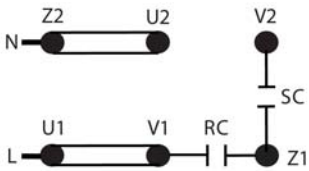



Anti Clockwise Rotation 

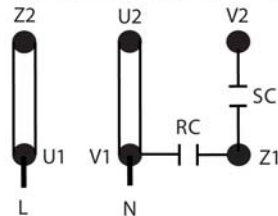


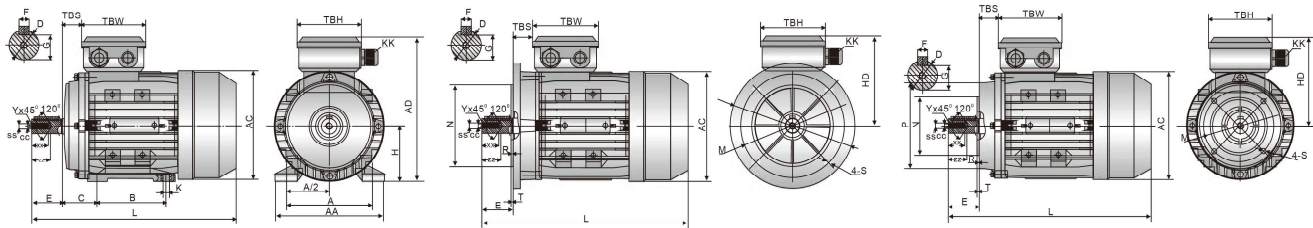
ML Single Phase - Cap Start / Cap Run

Clockwise Rotation 



Anti Clockwise Rotation 





IMB3

IMB5

IMB14

Overall & Installation Dimensions

B3

Frame	H	A	B	C	D	E	F	G	K	AA	AC	L	LccL*	KK	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
56	56	90	71	36	φ9	20	3	7.2	5.8×8.8	110	φ117	196	232	1-M16×1.5	14	88	88	M3	9	12	2.5	0.5
63	63	100	80	40	φ11	23	4	8.5	7×10	120	φ130	220	258	1-M16×1.5	14	94	94	M4	10	14	3.3	0.8
71**	71	112	90	45	φ14	30	5	11	7×10	132	φ147	241(255)	282(296)	1-M20×1.5	20	94	94	M5	12	17	4.2	0.8
80	80	125	100	50	φ19	40	6	15.5	10×13	160	φ163	290	339	1-M20×1.5	27	105	105	M6	16	21	5	1
90 S	90	140	100	56	φ24	50	8	20	10×13	175	φ183	312	361	1-M20×1.5	30	105	105	M8	19	25	6.8	1
90L1/L2	90	140	125	56	φ24	50	8	20	10×13	175	φ183	337/367	386/416	1-M20×1.5	30	105	105	M8	19	25	6.8	1
100**	100	160	140	63	φ28	60	8	24	12×15	198	φ205	369(387)	425(443)	2-M20×1.5	26	105	105	M10	22	30	8.5	1.5
112	112	190	140	70	φ28	60	8	24	12×15	220	φ229	395	463	2-M25×1.5	32	112	112	M10	22	30	8.5	1.5
132S	132	216	140	89	φ38	80	10	33	12×15	252	φ265	437	497	2-M25×1.5	38	112	112	M12	28	37	10.2	1.5
132M/L	132	216	178	89	φ38	80	10	33	12×15	252	φ265	475/501	535/561	2-M25×1.5	38	112	112	M12	28	37	10.2	1.5
160M/L	160	254	210/254	108	φ42	110	12	37	15×19	290	φ325	640	697	2-M32×1.5	64	143	143	M13	36	45	14.2	2
180M/L	180	279	241/279	121	φ48	110	14	42.5	15×25	340	φ368	730		2-M32×1.5	73	190	190	M14	36	45	14.2	2
200L	200	318	305	133	φ55	110	16	49	19×29	390	φ368	745		2-M40×1.5	85	190	190	M15	42	53	17.5	2

B5 Overall & Installation Dimensions

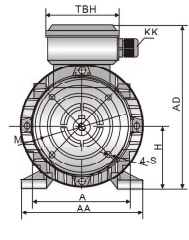
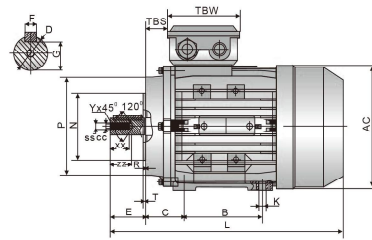
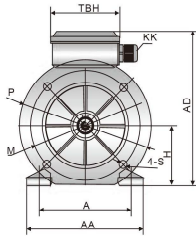
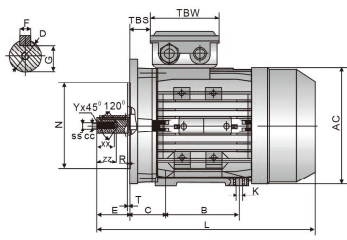
Frame	B5						B5R						D	E	F	G	KK	AC	HD	L	LccL*	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
	M	N	P	T	R	S	M	N	P	T	R	S																	
56	φ100	φ80	φ120	3.0	0	φ7							φ9	20	3	7.2	1-M16×1.5	φ117	100	196	232	14	88	88	M3	9	12	2.5	0.5
63	φ115	φ95	φ140	3.0	0	φ10							φ11	23	4	8.5	1-M16×1.5	φ130	108	220	258	14	94	94	M4	10	14	3.3	0.8
71**	φ130	φ110	φ160	3.5	0	φ10	φ115	φ95	φ140	3.5	0	φ10	φ14	30	5	11	1-M20×1.5	φ147	115	241(255)	282(296)	20	94	94	M5	12	17	4.2	0.8
80	φ165	φ130	φ200	3.5	0	φ12	φ130	φ110	φ160	3.5	0	φ10	φ19	40	6	15.5	1-M20×1.5	φ163	133	290	339	27	105	105	M6	16	21	5	1
90 S	φ165	φ130	φ200	3.5	0	φ12	φ130	φ110	φ160	3.5	0	φ10	φ24	50	8	20	1-M20×1.5	φ183	139	312	361	30	105	105	M8	19	25	6.8	1
90L1/L2	φ165	φ130	φ200	3.5	0	φ12	φ130	φ110	φ160	3.5	0	φ10	φ24	50	8	20	1-M20×1.5	φ183	139	337/367	386/416	30	105	105	M8	19	25	6.8	1
100*	φ215	φ180	φ250	4.0	0	φ15	φ165	φ130	φ200	4.0	0	φ12	φ28	60	8	24	2-M20×1.5	φ205	152	369(387)	425(443)	26	105	105	M10	22	30	8.5	1.5
112	φ215	φ180	φ250	4.0	0	φ15	φ165	φ130	φ200	4.0	0	φ12	φ28	60	8	24	2-M25×1.5	φ229	167	395	463	32	112	112	M10	22	30	8.5	1.5
132S	φ265	φ230	φ300	4.0	0	φ15	φ215	φ180	φ250	4.0	0	φ15	φ38	80	10	33	2-M25×1.5	φ265	186	437	497	38	112	112	M12	28	37	10.2	1.5
132M/L	φ265	φ230	φ300	4.0	0	φ15	φ215	φ180	φ250	4.0	0	φ15	φ38	80	10	33	2-M25×1.5	φ265	186	475/501	535/561	38	112	112	M12	28	37	10.2	1.5
160M/L	φ300	φ250	φ350	5.0	0	φ19							φ42	110	12	37	2-M32×1.5	φ325	224	640	697	64	143	143	M13	36	45	14.2	2
180M/L	φ300	φ250	φ350	5.0	0	φ19							φ48	110	14	42.5	2-M32×1.5	φ368	260	730		73	190	190	M14	36	45	14.2	2
200L	φ350	φ300	φ400	5.0	0	φ19							φ55	110	16	49	2-M40×1.5	φ368	260	745		85	190	190	M15	42	53	17.5	2

B14 Overall & Installation Dimensions

Frame	B14						B14R						D	E	F	G	KK	AC	HD	L	LccL*	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
	M	N	P	T	R	S	M	N	P	T	R	S																	
56	φ65	φ50	φ80	2.5	0	M6							φ9	20	3	7.2	1-M16×1.5	φ117	100	196	232	14	88	88	M3	9	12	2.5	0.5
63	φ75	φ60	φ90	2.5	0	M6	φ100	φ80	φ120	3.0	0	M6	φ11	23	4	8.5	1-M16×1.5	φ130	108	220	258	14	94	94	M4	10	14	3.3	0.8
71**	φ85	φ70	φ105	2.5	0	M6	φ115	φ95	φ140	3.0	0	M8	φ14	30	5	11	1-M20×1.5	φ147	115	241(255)	282(296)	20	94	94	M5	12	17	4.2	0.8
80	φ100	φ80	φ120	3.0	0	M6	φ130	φ110	φ160	3.5	0	M8	φ19	40	6	15.5	1-M20×1.5	φ163	133	290	339	27	105	105	M6	16	21	5.0	1.0
90 S	φ115	φ95	φ140	3.0	0	M8	φ130	φ110	φ160	3.5	0	M8	φ24	50	8	20	1-M20×1.5	φ183	139	312	361	30	105	105	M8	19	25	6.8	1.0
90L1/L2	φ115	φ95	φ140	3.0	0	M8	φ130	φ110	φ160	3.5	0	M8	φ24	50	8	20	1-M20×1.5	φ183	139	337/367	386/416	30	105	105	M8	19	25	6.8	1.0
100*	φ130	φ110	φ160	3.5	0	M8	φ165	φ130	φ200	3.5	0	M10	φ28	60	8	24	2-M20×1.5	φ205	152	369(387)	425(443)	26	105	105	M10	22	30	8.5	1.5
112	φ130	φ110	φ160	3.5	0	M8	φ165	φ130	φ200	3.5	0	M10	φ28	60	8	24	2-M25×1.5	φ229	167	395	463	32	112	112	M10	22	30	8.5	1.5
132S	φ165	φ130	φ200	4.0	0	M10	φ215	φ180	φ250	4.0	0	M12	φ38	80	10	33	2-M25×1.5	φ265	186	437	497	38	112	112	M12	28	37	10.2	1.5
132M/L	φ165	φ130	φ200	4.0	0	M10	φ215	φ180	φ250	4.0	0	M12	φ38	80	10	33	2-M25×1.5	φ265	186	475/501	535/561	38	112	112	M12	28	37	10.2	1.5
160M/L	φ215	φ180	φ250	4.0	0	M12							φ42	110	12	37	2-M32×1.5	φ325	224	640	697	64	143	143	M16	36	45	14.2	2.0

* for brake motors

** this frame size has two options, the rated output is for normal "L" size, and increased output is for the large "L" size (refer to the figures in the bracket("))



B35 Overall & Installation Dimensions

Frame	H	B35						B35R						A	B	C	D	E	F
		M	N	P	T	R	S	M	N	P	T	R	S						
56	56	φ100	φ80	φ120	3.0	0	φ7							90	71	36	φ9	20	3
63	63	φ115	φ95	φ140	3.0	0	φ10							100	80	40	φ11	23	4
71**	71	φ130	φ110	φ160	3.5	0	φ10	115	95	140	3.5	0	φ10	112	90	45	φ14	30	5
80	80	φ165	φ130	φ200	3.5	0	φ12	130	110	160	3.5	0	φ10	125	100	50	φ19	40	6
90 S	90	φ165	φ130	φ200	3.5	0	φ12	130	110	160	3.5	0	φ10	140	100	56	φ24	50	8
90L1/L2	90	φ165	φ130	φ200	3.5	0	φ12	130	110	160	3.5	0	φ10	140	125	56	φ24	50	8
100**	100	φ215	φ180	φ250	4.0	0	φ15	165	130	200	4.0	0	φ12	160	140	63	φ28	60	8
112	112	φ215	φ180	φ250	4.0	0	φ15	165	130	200	4.0	0	φ12	190	140	70	φ28	60	8
132S	132	φ265	φ230	φ300	4.0	0	φ15	215	180	250	4.0	0	φ15	216	140	89	φ38	80	10
132M/L	132	φ265	φ230	φ300	4.0	0	φ15	215	180	250	4.0	0	φ15	216	178	89	φ38	80	10
160M/L	160	φ300	φ250	φ350	5.0	0	φ19							254	210/254	108	φ42	110	12
180M/L	180	φ300	φ250	φ350	5.0	0	φ19							279	241/279	121	φ48	110	14
200L	200	φ350	φ300	φ400	5.0	0	φ19							318	305	133	φ55	110	16

Frame	G	K	KK	AA	AD	AC	L	LccL*	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
56	7.2	5.8x8.8	1-M16x1.5	110	156	φ117	196	232	14	88	88	M3	9	12	2.5	0.5
63	8.5	7x10	1-M16x1.5	120	171	φ130	220	258	14	94	94	M4	10	14	3.3	0.8
71**	11	7x10	1-M20x1.5	132	186	φ147	241(255)	282(296)	20	94	94	M5	12	17	4.2	0.8
80	15.5	10x13	1-M20x1.5	160	213	φ163	290	339	27	105	105	M6	16	21.0	5.0	1.0
90 S	20	10x13	1-M20x1.5	175	229	φ183	312	361	30	105	105	M8	19	25.0	6.8	1.0
90L1/L2	20	10x13	1-M20x1.5	175	229	φ183	337/367	386/416	30	105	105	M8	19	25.0	6.8	1.0
100**	24	12x15	2-M20x1.5	198	252	φ205	369(387)	425(443)	26	105	105	M10	22	30.0	8.5	1.5
112	24	12x15	2-M25x1.5	220	279	φ229	395	463	32	112	112	M10	22	30.0	8.5	1.5
132S	33	12x15	2-M25x1.5	252	318	φ265	437	497	38	112	112	M12	28	37.0	10.2	1.5
132M/L	33	12x15	2-M25x1.5	252	318	φ265	475/501	535/561	38	112	112	M12	28	37.0	10.2	1.5
160M/L	37	15x19	2-M32x1.5	290	384	φ325	640	697	64	143	143	M16	36	45.0	14.2	2.0
180M/L	42.5	15x25	2-M32x1.5	340	440	φ368	730		73	190	190	M16	36	45.0	14.2	2.0
200L	49	19x29	2-M40x1.5	390	460	φ368	745		85	190	190	M20	42	53.0	17.5	2.0

B34 Overall & Installation Dimensions

Frame	H	A	B	C	D	E	F	G	K	KK	B34					
											M	N	P	T	R	S
56	56	90	71	36	φ9	20	3	7.2	5.8x8.8	1-M16x1.5	φ65	φ50	φ80	2.5	0	M5
63	63	100	80	40	φ11	23	4	8.5	7x10	1-M16x1.5	φ75	φ60	φ90	2.5	0	M5
71**	71	112	90	45	φ14	30	5	11	7x10	1-M20x1.5	φ85	φ70	φ105	2.5	0	M6
80	80	125	100	50	φ19	40	6	15.5	10x13	1-M20x1.5	φ100	φ80	φ120	3.0	0	M6
90 S	90	140	100	56	φ24	50	8	20	10x13	1-M20x1.5	φ115	φ95	φ140	3.0	0	M8
90L1/L2	90	140	125	56	φ24	50	8	20	10x13	1-M20x1.5	φ115	φ95	φ140	3.0	0	M8
100**	100	160	140	63	φ28	60	8	24	12x15	2-M20x1.5	φ130	φ110	φ160	3.5	0	M8
112	112	190	140	70	φ28	60	8	24	12x15	2-M25x1.5	φ130	φ110	φ160	3.5	0	M8
132S	132	216	140	89	φ38	80	10	33	12x15	2-M25x1.5	φ165	φ130	φ200	4.0	0	M10
132M/L	132	216	178	89	φ38	80	10	33	12x15	2-M25x1.5	φ165	φ130	φ200	4.0	0	M10
160M/L	160	254	210/254	108	φ42	110	12	37	15x19	2-M32x1.5	φ215	φ180	φ250	4.0	0	M12

Frame	B34R						AC	AD	AA	L	LccL*	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
	M	N	P	T	R	S													
56							φ117	156	110	196	232	14	88	88	M3	9	12	2.5	0.5
63	φ100	φ80	φ120	3.0		M6	φ130	171	120	220	258	14	94	94	M4	10	14	3.3	0.8
71**	φ115	φ95	φ140	3.0	0	M8	φ147	186	132	241(255)	282(296)	20	94	94	M5	12	17	4.2	0.8
80	φ130	φ110	φ160	3.5	0	M8	φ163	213	160	290	339	27	105	105	M6	16	21	5.0	1.0
90 S	φ130	φ110	φ160	3.5	0	M8	φ183	229	175	312	361	30	105	105	M8	19	25	6.8	1.0
90L1/L2	φ130	φ110	φ160	3.5	0	M8	φ183	229	175	337/367	386/416	30	105	105	M8	19	25	6.8	1.0
100**	φ165	φ130	φ200	3.5	0	M10	φ205	252	198	369(387)	425(443)	26	105	105	M10	22	30	8.5	1.5
112	φ165	φ130	φ200	3.5	0	M10	φ229	279	220	395	463	32	112	112	M10	22	30	8.5	1.5
132S	φ215	φ180	φ250	4.0	0	M12	φ265	318	252	437	497	38	112	112	M12	28	37	10.2	1.5
132M/L	φ215	φ180	φ250	4.0	0	M12	φ265	318	252	475/501	535/561	38	112	112	M12	28	37	10.2	1.5
160M/L							φ325	384	290	640	697	64	143	143	M16	36	45	14.2	2.0



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