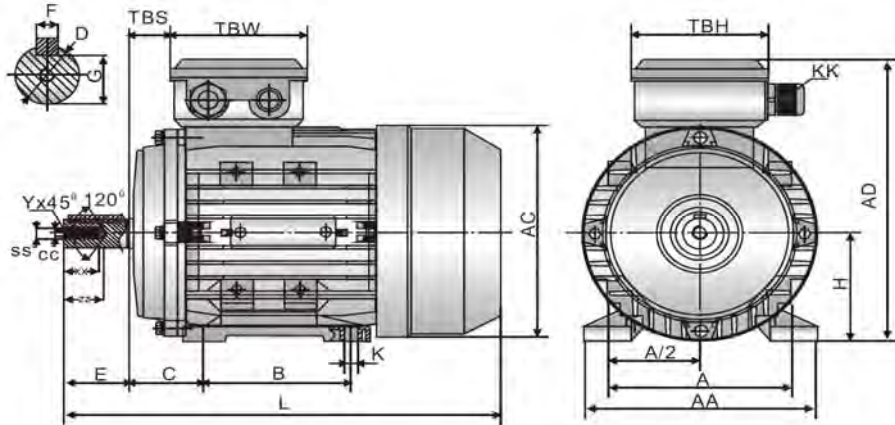




3 Phase Electric Motor Frame Size - B3



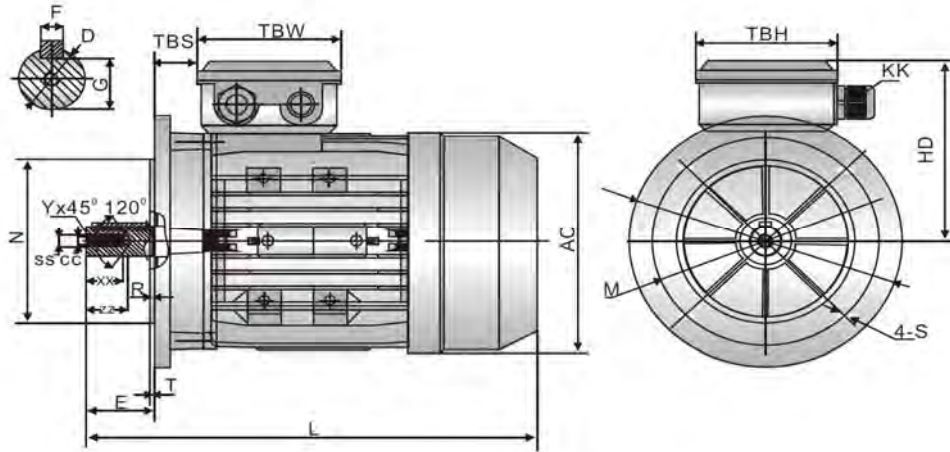
Frame	H	A	B	C	D	E	F	G	K	AA	AC
56	56	90	71	36	φ9	20	3	7.2	5.8 x 8.8	110	φ117
63	63	100	80	40	φ11	23	4	8.5	7 x 10	120	φ130
71**	71	112	90	45	φ14	30	5	11	7 x 10	132	φ147
80	80	125	100	50	φ19	40	6	15.5	10 x 13	160	φ163
90 S	90	140	100	56	φ24	50	8	20	10 x 13	175	φ183
90L1/L2	90	140	125	56	φ24	50	8	20	10 x 13	175	φ183
100**	100	160	140	63	φ28	60	8	24	12 x 15	198	φ205
112	112	190	140	70	φ28	60	8	24	12 x 15	220	φ229
132S	132	216	140	89	φ38	80	10	33	12 x 15	252	φ265
132M/L	132	216	178	89	φ38	80	10	33	12 x 15	252	φ265
160M/L	160	254	210/254	108	φ42	110	12	37	15 x 19	290	φ325
180M/L	180	279	241/279	121	φ48	110	14	42.5	15 x 25	340	φ368
200L	200	318	305	133	φ55	110	16	49	19 x 29	390	φ368

Frame	L	KK	TBS	TBW	TBH	SS	xx	ZZ	CC	Y
56	196	1-M16x1.5	14	88	88	M3	9	12	2.5	0.5
63	220	1-M16x1.5	14	94	94	M4	10	14	3.3	0.8
71**	241(255)	1-M20x1.5	20	94	94	M5	12	17	4.2	0.8
80	290	1-M20x1.5	27	105	105	M6	16	21	5	1
90 S	312	1-M20x1.5	30	105	105	M8	19	25	6.8	1
90L1/L2	337/367	1-M20x1.5	30	105	105	M8	19	25	6.8	1
100**	369(387)	2-M20x1.5	26	105	105	M10	22	30	8.5	1.5
112	395	2-M25x1.5	32	112	112	M10	22	30	8.5	1.5
132S	437	2-M25x1.5	38	112	112	M12	28	37	10.2	1.5
132M/L	475/501	2-M25x1.5	38	112	112	M12	28	37	10.2	1.5
160M/L	640	2-M32x1.5	64	143	143	M13	36	45	14.2	2
180M/L	730	2-M32x1.5	73	190	190	M14	36	45	14.2	2
200L	745	2-M40x1.5	85	190	190	M15	42	53	17.5	2

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size. (refer to the figures in the bracket "()")



3 Phase Electric Motor Frame Size - B5



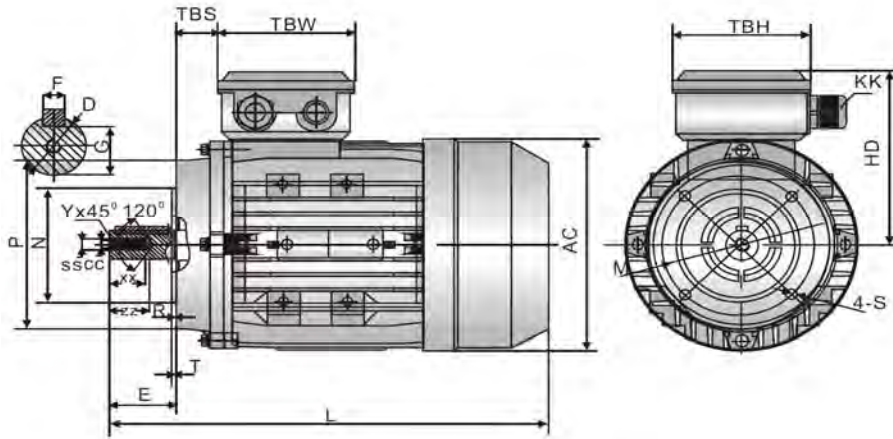
Frame	B5						B5R						D	E
	M	N	P	T	R	S	M	N	P	T	R	S		
56	φ100	φ80	φ120	3	0	φ7							φ9	20
63	φ115	φ95	φ140	3	0	φ10							φ11	23
71**	φ130	φ110	φ160	3.5	0	φ10	φ115	φ95	φ140	3.5	0	φ10	φ14	30
80	φ165	φ130	φ200	3.5	0	φ12	φ130	φ110	φ160	3.5	0	φ10	φ19	40
90 S	φ165	φ130	φ200	3.5	0	φ12	φ130	φ110	φ160	3.5	0	φ10	φ24	50
90L1/L2	φ165	φ130	φ200	3.5	0	φ12	φ130	φ110	φ160	3.5	0	φ10	φ24	50
100*	φ215	φ180	φ250	4	0	φ15	φ165	φ130	φ200	4	0	φ12	φ28	60
112	φ215	φ180	φ250	4	0	φ15	φ165	φ130	φ200	4	0	φ12	φ28	60
132S	φ265	φ230	φ300	4	0	φ15	φ215	φ180	φ250	4	0	φ15	φ38	80
132M/L	φ265	φ230	φ300	4	0	φ15	φ215	φ180	φ250	4	0	φ15	φ38	80
160M/L	φ300	φ250	φ350	5	0	φ19							φ42	110
180M/L	φ300	φ250	φ350	5	0	φ19							φ48	110
200L	φ350	φ300	φ400	5	0	φ19							φ55	110

Frame	F	G	KK	AC	HD	L	TBS	TBW	TBH	SS	xx	ZZ	CC	Y
56	3	7.2	1-M16 x1.5	φ117	100	196	14	88	88	M3	9	12	2.5	0.5
63	4	8.5	1-M16 x1.5	φ130	108	220	14	94	94	M4	10	14	3.3	0.8
71**	5	11	1-M20 x1.5	φ147	115	241(255)	20	94	94	M5	12	17	4.2	0.8
80	6	15.5	1-M20 x1.5	φ163	133	290	27	105	105	M6	16	21	5	1
90 S	8	20	1-M20 x1.5	φ183	139	312	30	105	105	M8	19	25	6.8	1
90L1/L2	8	20	1-M20 x1.5	φ183	139	337/367	30	105	105	M8	19	25	6.8	1
100*	8	24	2-M20 x1.5	φ205	152	369(387)	26	105	105	M10	22	30	8.5	1.5
112	8	24	2-M25 x1.5	φ229	167	395	32	112	112	M10	22	30	8.5	1.5
132S	10	33	2-M25 x1.5	φ265	186	437	38	112	112	M12	28	37	10.2	1.5
132M/L	10	33	2-M25 x1.5	φ265	186	475/501	38	112	112	M12	28	37	10.2	1.5
160M/L	12	37	2-M32 x1.5	φ325	224	640	64	143	143	M13	36	45	14.2	2
180M/L	14	42.5	2-M32 x1.5	φ368	260	730	73	190	190	M14	36	45	14.2	2
200L	16	49	2-M40 x1.5	φ368	260	745	85	190	190	M15	42	53	17.5	2

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size. (refer to the figures in the bracket "()")



3 Phase Electric Motor Frame Size - B14



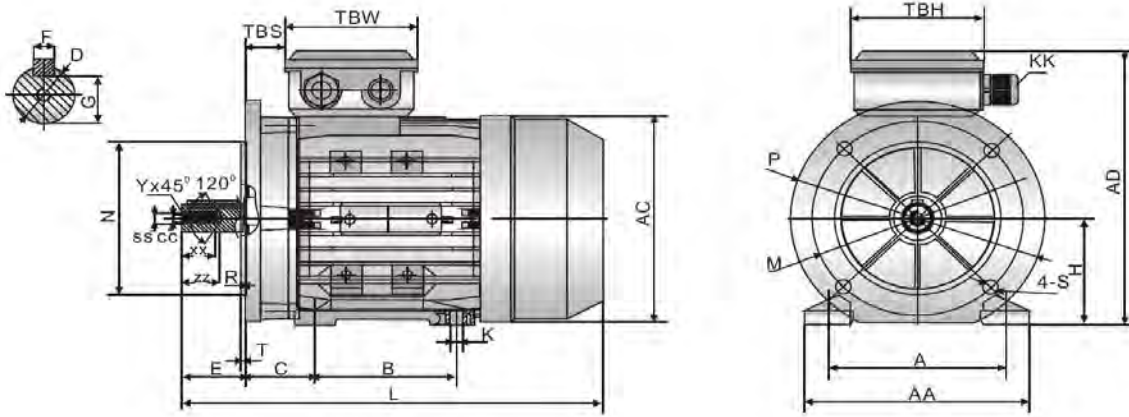
Frame	B14						B14R						D	E
	M	N	P	T	R	S	M	N	P	T	R	S		
56	φ65	φ50	φ80	2.5	0	M6							φ9	20
63	φ75	φ60	φ90	2.5	0	M6	φ100	φ80	φ120	3		M6	φ11	23
71**	φ85	φ70	φ105	2.5	0	M6	φ115	φ95	φ140	3	0	M8	φ14	30
80	φ100	φ80	φ120	3	0	M6	φ130	φ110	φ160	3.5	0	M8	φ19	40
90 S	φ115	φ95	φ140	3	0	M8	φ130	φ110	φ160	3.5	0	M8	φ24	50
90L1/L2	φ115	φ95	φ140	3	0	M8	φ130	φ110	φ160	3.5	0	M8	φ24	50
100*	φ130	φ110	φ160	3.5	0	M8	φ165	φ130	φ200	3.5	0	M10	φ28	60
112	φ130	φ110	φ160	3.5	0	M8	φ165	φ130	φ200	3.5	0	M10	φ28	60
132S	φ165	φ130	φ200	4	0	M10	φ215	φ180	φ250	4	0	M12	φ38	80
132M/L	φ165	φ130	φ200	4	0	M10	φ215	φ180	φ250	4	0	M12	φ38	80
160M/L	φ215	φ180	φ250	4	0	M12							φ42	110

Frame	F	G	KK	AC	HD	L	TBS	TBW	TBH	SS	xx	ZZ	CC	Y
56	3	7.2	1-M16 x1.5	φ117	100	196	14	88	88	M3	9	12	2.5	0.5
63	4	8.5	1-M16 x1.5	φ130	108	220	14	94	94	M4	10	14	3.3	0.8
71**	5	11	1-M20 x1.5	φ147	115	241(255)	20	94	94	M5	12	17	4.2	0.8
80	6	15.5	1-M20 x1.5	φ163	133	290	27	105	105	M6	16	21	5	1
90 S	8	20	1-M20 x1.5	φ183	139	312	30	105	105	M8	19	25	6.8	1
90L1/L2	8	20	1-M20 x1.5	φ183	139	337/367	30	105	105	M8	19	25	6.8	1
100*	8	24	2-M20 x1.5	φ205	152	369(387)	26	105	105	M10	22	30	8.5	1.5
112	8	24	2-M25 x1.5	φ229	167	395	32	112	112	M10	22	30	8.5	1.5
132S	10	33	2-M25 x1.5	φ265	186	437	38	112	112	M12	28	37	10.2	1.5
132M/L	10	33	2-M25 x1.5	φ265	186	475/501	38	112	112	M12	28	37	10.2	1.5
160M/L	12	37	2-M32 x1.5	φ325	224	640	64	143	143	M16	36	45	14.2	2

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size. (refer to the figures in the bracket "()")



3 Phase Electric Motor Frame Size - B35



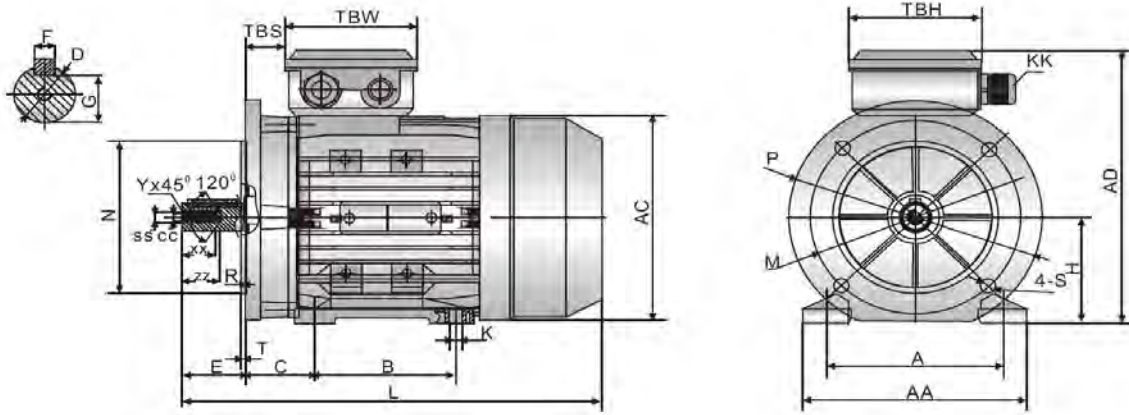
Frame	H	B35						B35R					
		M	N	P	T	R	S	M	N	P	T	R	S
56	56	φ100	φ80	φ120	3	0	φ7						
63	63	φ115	φ95	φ140	3	0	φ10						
71**	71	φ130	φ110	φ160	3.5	0	φ10	115	95	140	3.5	0	φ10
80	80	φ165	φ130	φ200	3.5	0	φ12	130	110	160	3.5	0	φ10
90 S	90	φ165	φ130	φ200	3.5	0	φ12	130	110	160	3.5	0	φ10
90L1/L2	90	φ165	φ130	φ200	3.5	0	φ12	130	110	160	3.5	0	φ10
100**	100	φ215	φ180	φ250	4	0	φ15	165	130	200	4	0	φ12
112	112	φ215	φ180	φ250	4	0	φ15	165	130	200	4	0	φ12
132S	132	φ265	φ230	φ300	4	0	φ15	215	180	250	4	0	φ15
132M/L	132	φ265	φ230	φ300	4	0	φ15	215	180	250	4	0	φ15
160M/L	160	φ300	φ250	φ350	5	0	φ19						
180M/L	180	φ300	φ250	φ350	5	0	φ19						
200L	200	φ350	φ300	φ400	5	0	φ19						

Frame	A	B	C	D	E	F	G	K	KK	AA	AD	AC	L
56	90	71	36	φ9	20	3	7.2	5.8x8.8	1-M16x1.5	110	156	φ117	196
63	100	80	40	φ11	23	4	8.5	7x10	1-M16x1.5	120	171	φ130	220
71**	112	90	45	φ14	30	5	11	7x10	1-M20x1.5	132	186	φ147	241(255)
80	125	100	50	φ19	40	6	15.5	10x13	1-M20x1.5	160	213	φ163	290
90 S	140	100	56	φ24	50	8	20	10x13	1-M20x1.5	175	229	φ183	312
90L1/L2	140	125	56	φ24	50	8	20	10x13	1-M20x1.5	175	229	φ183	337/367
100**	160	140	63	φ28	60	8	24	12x15	2-M20x1.5	198	252	φ205	369(387)
112	190	140	70	φ28	60	8	24	12x15	2-M25x1.5	220	279	φ229	395
132S	216	140	89	φ38	80	10	33	12x15	2-M25x1.5	252	318	φ265	437
132M/L	216	178	89	φ38	80	10	33	12x15	2-M25x1.5	252	318	φ265	475/501
160M/L	254	210/254	108	φ42	110	12	37	15x19	2-M32x1.5	290	384	φ325	640
180M/L	279	241/279	121	φ48	110	14	42.5	15x25	2-M32x1.5	340	440	φ368	730
200L	318	305	133	φ55	110	16	49	19x29	2-M40x1.5	390	460	φ368	745

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size. (refer to the figures in the bracket "()")



3 Phase Electric Motor Frame Size - B35 Continues

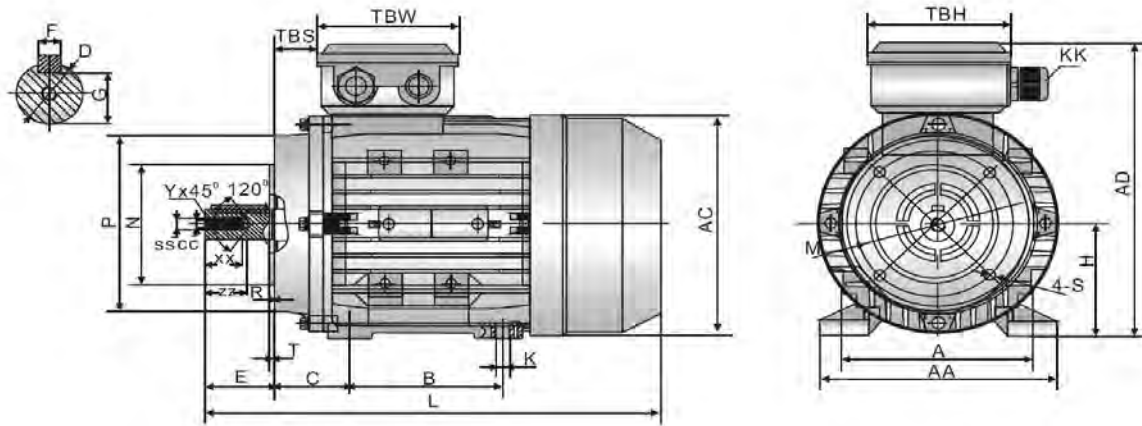


Frame	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
56	14	88	88	M3	9	12	2.5	0.5
63	14	94	94	M4	10	14	3.3	0.8
71**	20	94	94	M5	12	17	4.2	0.8
80	27	105	105	M6	16	21	5	1
90 S	30	105	105	M8	19	25	6.8	1
90L1/L2	30	105	105	M8	19	25	6.8	1
100**	26	105	105	M10	22	30	8.5	1.5
112	32	112	112	M10	22	30	8.5	1.5
132S	38	112	112	M12	28	37	10.2	1.5
132M/L	38	112	112	M12	28	37	10.2	1.5
160M/L	64	143	143	M16	36	45	14.2	2
180M/L	73	190	190	M16	36	45	14.2	2
200L	85	190	190	M20	42	53	17.5	2

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size (refer to the figures in the bracket "()")



3 Phase Electric Motor Frame Size - B34



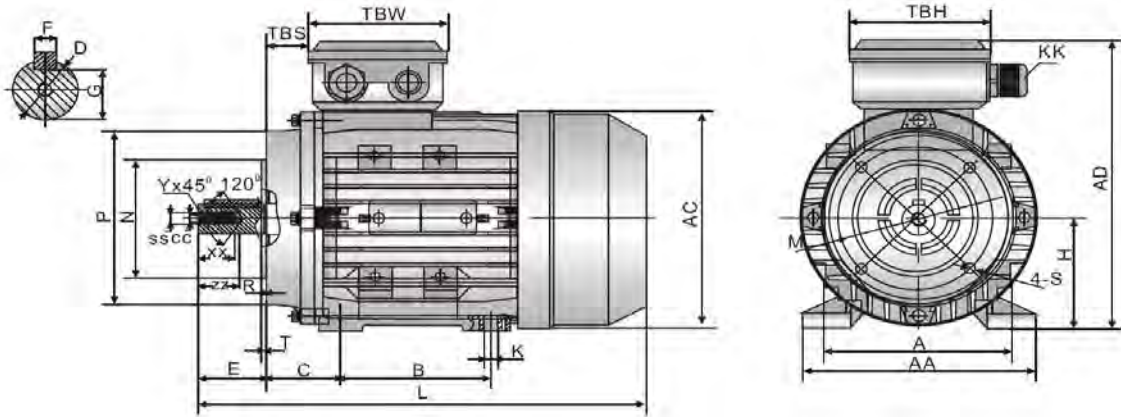
Frame	H	B34						B34R					
		M	N	P	T	R	S	M	N	P	T	R	S
56	56	φ65	φ50	φ80	2.5	0	M5						
63	63	φ75	φ60	φ90	2.5	0	M5	φ100	φ80	φ120	3		M6
71**	71	φ85	φ70	φ105	2.5	0	M6	φ115	φ95	φ140	3	0	M8
80	80	φ100	φ80	φ120	3	0	M6	φ130	φ110	φ160	3.5	0	M8
90 S	90	φ115	φ95	φ140	3	0	M8	φ130	φ110	φ160	3.5	0	M8
90L1/L2	90	φ115	φ95	φ140	3	0	M8	φ130	φ110	φ160	3.5	0	M8
100**	100	φ130	φ110	φ160	3.5	0	M8	φ165	φ130	φ200	3.5	0	M10
112	112	φ130	φ110	φ160	3.5	0	M8	φ165	φ130	φ200	3.5	0	M10
132S	132	φ165	φ130	φ200	4	0	M10	φ215	φ180	φ250	4	0	M12
132M/L	132	φ165	φ130	φ200	4	0	M10	φ215	φ180	φ250	4	0	M12
160M/L	160	φ215	φ180	φ250	4	0	M12						

Frame	A	B	C	D	E	F	G	K	KK	AC	AD	AA	L
56	90	71	36	φ9	20	3	7.2	5.8x8.8	1-M16x1.5	φ117	156	110	196
63	100	80	40	φ11	23	4	8.5	7x10	1-M16x1.5	φ130	171	120	220
71**	112	90	45	φ14	30	5	11	7x10	1-M20x1.5	φ147	186	132	241(255)
80	125	100	50	φ19	40	6	15.5	10x13	1-M20x1.5	φ163	213	160	290
90 S	140	100	56	φ24	50	8	20	10x13	1-M20x1.5	φ183	229	175	312
90L1/L2	140	125	56	φ24	50	8	20	10x13	1-M20x1.5	φ183	229	175	337/367
100**	160	140	63	φ28	60	8	24	12x15	2-M20x1.5	φ205	252	198	369(387)
112	190	140	70	φ28	60	8	24	12x15	2-M25x1.5	φ229	279	220	395
132S	216	140	89	φ38	80	10	33	12x15	2-M25x1.5	φ265	318	252	437
132M/L	216	178	89	φ38	80	10	33	12x15	2-M25x1.5	φ265	318	252	475/501
160M/L	254	210/254	108	φ42	110	12	37	15x19	2-M32x1.5	φ325	384	290	640

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size. (refer to the figures in the bracket "()")



3 Phase Electric Motor Frame Size - B35 Continued



Frame	TBS	TBW	TBH	SS	XX	ZZ	CC	Y
56	14	88	88	M3	9	12	2.5	0.5
63	14	94	94	M4	10	14	3.3	0.8
71**	20	94	94	M5	12	17	4.2	0.8
80	27	105	105	M6	16	21	5	1
90 S	30	105	105	M8	19	25	6.8	1
90L1/L2	30	105	105	M8	19	25	6.8	1
100**	26	105	105	M10	22	30	8.5	1.5
112	32	112	112	M10	22	30	8.5	1.5
132S	38	112	112	M12	28	37	10.2	1.5
132M/L	38	112	112	M12	28	37	10.2	1.5
160M/L	64	143	143	M16	36	45	14.2	2

**This frame size has 2 options, the rated output is normal for "L" size and increased output is for the larger "L" size. (refer to the figures in the bracket "()")



3 Phase Electric Motors - IEC 1 - Technical Data

2 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)			Current (A)			Current (A)		
				220V	380V	660V	230V	400V	690V	240V	415V	720V
3PH.09KW2P	TECA 561-2	0.09	56	0.66	0.38	0.22	0.62	0.36	0.21	0.6	0.35	0.2
3PH.12KW2P	TECA 562-2	0.12	56	0.73	0.42	0.24	0.69	0.4	0.23	0.67	0.39	0.22
3PH.18KW2P	TECA 563-2	0.18	56	1	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31
3PH.18KW2P	TECA 631-2	0.18	63	1	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31
3PH.25KW2P	TECA 632-2	0.25	63	1.29	0.75	0.43	1.23	0.71	0.41	1.19	0.69	0.4
3PH.37KW2P	TECA 633-2	0.37	63	1.92	1.11	0.64	1.82	1.05	0.61	1.76	1.02	0.59
3PH.37KW2P	TECA 711-2	0.37	71	1.76	1.02	0.59	1.67	0.97	0.56	1.61	0.93	0.54
3PH.55KW2P	TECA 712-2	0.55	71	2.57	1.49	0.86	2.45	1.42	0.82	2.36	1.36	0.79

APL Part No	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)	Noise dB(A)	Weight (Kg)
3PH.09KW2P	2710	53	0.72	2.2	2.3	2	4	58	2.6
3PH.12KW2P	2700	61	0.72	2.2	2.3	2	4	58	3
3PH.18KW2P	2710	63	0.75	2.2	2.4	1.6	6	61	4
3PH.18KW2P	2710	63	0.75	2.2	2.4	1.6	6	61	4
3PH.25KW2P	2710	65	0.78	2.2	2.4	1.6	6	61	4.2
3PH.37KW2P	2710	65	0.78	2.2	2.4	1.6	6	62	4.7
3PH.37KW2P	2730	70	0.79	2.2	2.4	1.6	6	64	5.2
3PH.55KW2P	2760	71	0.79	2.2	2.4	1.6	6	64	6

4 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)			Current (A)			Current (A)		
				220V	380V	660V	230V	400V	690V	240V	415V	720V
3PH.06KW4P	TECA 561-4	0.06	56	0.64	0.37	0.21	0.61	0.35	0.2	0.58	0.34	0.19
3PH.09KW4P	TECA 562-4	0.09	56	0.82	0.47	0.27	0.78	0.45	0.26	0.75	0.43	0.25
3PH.12KW4P	TECA 631-4	0.12	63	1	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31
3PH.18KW4P	TECA 632-4	0.18	63	1.28	0.74	0.43	1.21	0.7	0.4	1.17	0.67	0.39
3PH.25KW4P	TECA 633-4	0.25	63	1.66	0.96	0.55	1.58	0.91	0.53	1.52	0.88	0.51
3PH.25KW4P	TECA 711-4	0.25	71	1.52	0.88	0.51	1.45	0.84	0.48	1.39	0.81	0.46
3PH.37KW4P	TECA 712-4	0.37	71	2.02	1.17	0.67	1.92	1.11	0.64	1.85	1.07	0.62
3PH.55KW4P	TECA 713-4	0.55	71	2.92	1.69	0.97	2.78	1.6	0.93	2.67	1.55	0.89
3PH.55KW4P	TECA 801-4	0.55	80	2.87	1.66	0.96	2.74	1.58	0.91	2.63	1.52	0.88

APL Part No	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)	Noise dB(A)	Weight (Kg)
3PH.06KW4P	1360	50	0.56	2.3	2.4	2	4	50	2.9
3PH.09KW4P	1360	52	0.59	2.3	2.4	2	4	50	3.2
3PH.12KW4P	1360	52	0.64	2.2	2.4	2	4	52	3.7
3PH.18KW4P	1310	57	0.65	2.2	2.4	2	4	52	4.2
3PH.25KW4P	1340	60	0.66	2.2	2.2	2	4	54	5
3PH.25KW4P	1350	60	0.72	2.2	2.4	1.7	6	55	5
3PH.37KW4P	1370	65	0.74	2.2	2.4	1.7	6	55	5.8
3PH.55KW4P	1380	66	0.75	2.2	2.4	1.7	6	57	6.5
3PH.55KW4P	1370	67	0.75	2.2	2.4	1.7	6	58	8.1



3 Phase Electric Motors - IEC 1 - Technical Data

6 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)			Current (A)			Current (A)		
				220V	380V	660V	230V	400V	690V	240V	415V	720V
3PH.09KW6P	TECA 631-6	0.09	63	0.92	0.53	0.31	0.88	0.51	0.29	0.85	0.49	0.28
3PH.12KW6P	TECA 632-6	0.12	63	1.13	0.65	0.38	1.08	0.62	0.36	1.03	0.6	0.34
3PH.18KW6P	TECA 711-6	0.18	71	1.28	0.74	0.43	1.22	0.7	0.41	1.17	0.68	0.39
3PH.25KW6P	TECA 712-6	0.25	71	1.59	0.92	0.53	1.51	0.87	0.5	1.46	0.84	0.49
3PH.37KW6P	TECA 713-6	0.37	71	2.31	1.34	0.77	2.2	1.27	0.73	2.11	1.22	0.7
3PH.37KW6P	TECA 801-6	0.37	80	2.24	1.3	0.75	2.13	1.23	0.71	2.05	1.19	0.68
3PH.55KW6P	TECA 802-6	0.55	80	2.99	1.73	1	2.85	1.65	0.95	2.74	1.59	0.91

APL Part No	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)	Noise dB(A)	Weight (Kg)
3PH.09KW6P	840	42	0.61	2	2	1.5	3.5	50	4.2
3PH.12KW6P	850	45	0.62	2	2	1.5	3.5	50	4.5
3PH.18KW6P	880	56	0.66	1.6	1.7	1.5	4	52	5.6
3PH.25KW6P	900	59	0.7	2.1	2.2	1.5	4	52	6
3PH.37KW6P	890	61	0.69	2	2.1	1.5	4	54	6.8
3PH.37KW6P	900	62	0.7	1.9	1.9	1.5	4	56	8.1
3PH.55KW6P	900	67	0.72	2	2.3	1.5	4	56	9.6

8 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)			Current (A)			Current (A)		
				220V	380V	660V	230V	400V	690V	240V	415V	720V
3PH.06KW4P	TECA 711-8	0.09	71	0.88	0.51	0.29	0.84	0.48	0.28	0.81	0.47	0.27
3PH.09KW4P	TECA 712-8	0.12	71	1.05	0.61	0.35	1	0.58	0.33	0.96	0.55	0.32
3PH.12KW4P	TECA 801-8	0.18	80	1.52	0.88	0.51	1.45	0.84	0.48	1.39	0.8	0.46
3PH.18KW4P	TECA 802-8	0.25	80	1.92	1.11	0.64	1.83	1.06	0.61	1.76	1.02	0.59
3PH.25KW4P	TECA 90S-8	0.37	90S	2.45	1.42	0.82	2.33	1.35	0.78	2.24	1.3	0.75
3PH.25KW4P	TECA 90L-8	0.55	90L	3.36	1.95	1.12	3.21	1.85	1.07	3.08	1.78	1.03

APL Part No	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)	Noise dB(A)	Weight (Kg)
3PH.06KW4P	680	48	0.56	1.5	1.7	1.3	3	50	5.6
3PH.09KW4P	690	51	0.59	1.6	1.7	1.3	2.7	50	6
3PH.12KW4P	680	51	0.61	1.5	1.7	1.3	2.8	52	9.4
3PH.18KW4P	680	56	0.61	1.6	2	1.3	2.7	52	10.1
3PH.25KW4P	680	63	0.63	1.6	1.8	1.3	2.8	56	12.5
3PH.25KW4P	680	66	0.65	1.6	1.8	1.3	3	56	15.3



3 Phase Electric Motors - IEC 2 - Technical Data

2 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)
3PH.75KW2P	TECA-2 801-2	0.75	80	2840	77.4	1.75	0.8	3.3	2.9	5.8
3PH1.1KW2P	TECA-2 802-2	1.1	80	2850	80	2.42	0.82	3.6	3.5	6.8
3PH1.5KW2P	TECA-2 90S-2	1.5	90S	2850	81.4	3.2	0.83	3.6	3.5	6.9
3PH2.2KW2P	TECA-2 90L-2	2.2	90L	2860	83.2	4.54	0.84	4.1	4.1	7.9
3PH3KW2P	TECA-2 100L-2	3	100L	2880	84.6	5.88	0.87	3.4	3.4	7.8
3PH4KW2P	TECA-2 112M-2	4	112M	2890	86	7.54	0.89	3.3	2.7	7.5
3PH5.5KW2P	TECA-2 132S1-2	5.5	132S	2900	87.2	10.2	0.89	3	2.4	7.7
3PH7.5KW2P	TECA-2 132S2-2	7.5	132S	2910	88.1	13.8	0.89	3.2	2.6	8.4
3PH11KW2P	TECA-2 160M1-2	11	160M	2930	89.4	19.9	0.89	3.1	2.4	7.6
3PH15KW2P	TECA-2 160M2-2	15	160M	2930	90.3	26.9	0.89	3.2	2.6	8
3PH18.5KW2P	TECA-2 160L-2	18.5	160L	2940	90.9	32.6	0.9	3.5	3	9
3PH22KW2P	TECA-2 180M-2	22	180M	2950	91.3	38.6	0.9	3.5	2.6	8.5
3PH30KW2P	TECA-2 200L1-2	30	200L	2950	92	52.3	0.9	3.4	2.4	8
3PH37KW2P	TECA-2 200L2-2	37	200L	2950	92.5	64.1	0.9	3.5	2.5	8.5

4 Pole

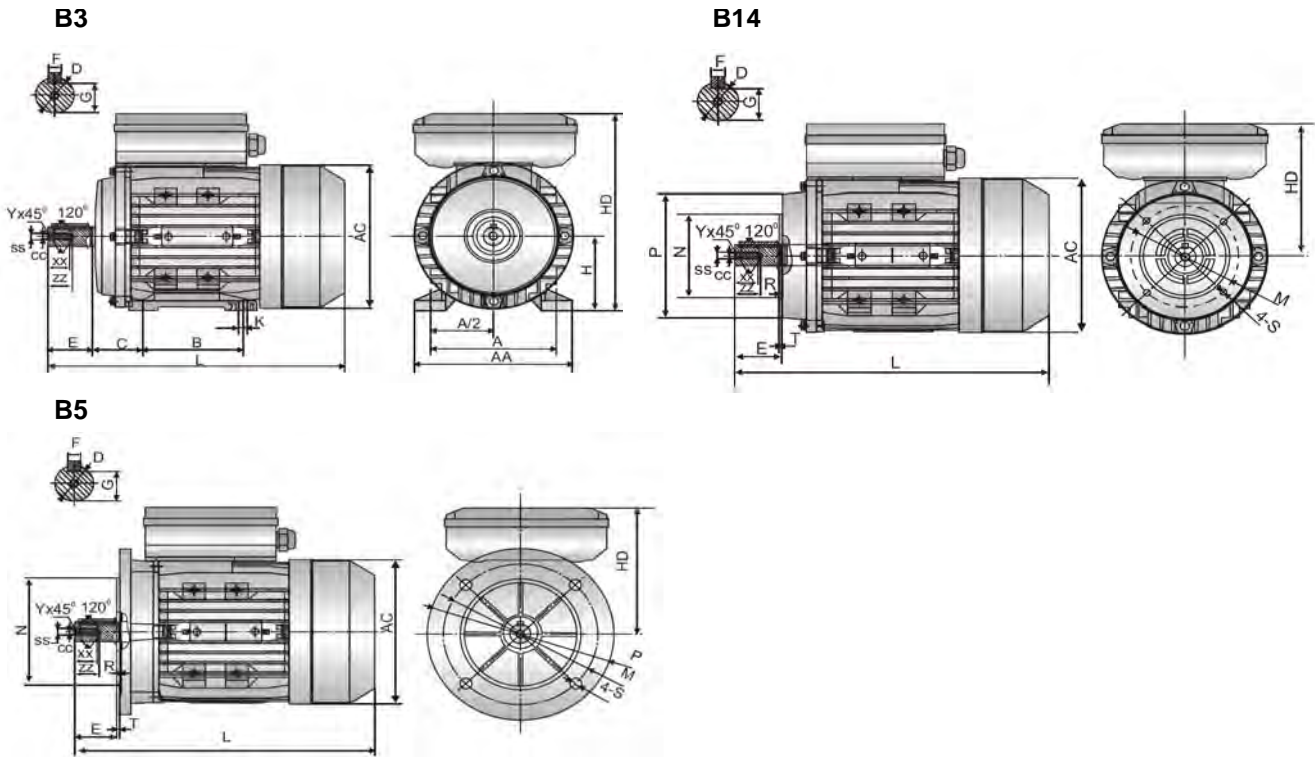
APL Part No	TEC Part No	Power (KW)	Frame Size	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)
3PH.75KW4P	TECA-2 802-4	0.75	80	1410	79.6	1.79	0.76	3	2.8	5.3
3PH1.1KW4P	TECA-2 90S-4	1.1	90S	1420	81.4	2.5	0.78	2.6	3.8	6.7
3PH1.5KW4P	TECA-2 90L-4	1.5	90L	1420	82.8	3.31	0.79	2.7	4	7.2
3PH2.2KW4P	TECA-2 100L1-4	2.2	100L	1440	84.3	4.83	0.78	3.6	3.6	7.4
3PH3KW4P	TECA-2 100L2-4	3	100L	1440	85.5	6.33	0.8	3.5	3.8	7.8
3PH4KW4P	TECA-2 112M-4	4	112M	1440	86.6	8.23	0.81	2.9	3.1	7.1
3PH5.5KW4P	TECA-2 132S-4	5.5	132S	1450	87.9	10.9	0.83	2.7	2.6	7.4
3PH7.5KW4P	TECA-2 132M-4	7.5	132M	1450	88.7	14.5	0.84	2.7	2.8	7.7
3PH11KW4P	TECA-2 160M-4	11	160M	1450	89.8	21.6	0.82	3.1	2.7	7.7
3PH15KW4P	TECA-2 160L-4	15	160L	1450	90.6	28.4	0.84	2.6	2.4	7.3
3PH18.5KW4P	TECA-2 180M-4	18.5	180M	1460	91.4	34.4	0.85	3.2	2.2	7.4
3PH22KW4P	TECA-2 180L-4	22	180L	1460	91.7	40.3	0.86	3.2	2.3	7.5
3PH30KW4P	TECA-2 200L-4	30	200L	1470	92.3	55.2	0.86	3.1	2.8	7.6

6 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Speed (r/min)	Eff. (%)	Current (A)	Power Factor (Cos Φ)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)
3PH.75KW6P	TECA-2 90S-6	0.75	90S	925	76	2.01	0.71	3.1	3.1	4.7
3PH1.1KW6P	TECA-2 90L-6	1.1	90L	930	78.1	2.82	0.72	3.2	3.2	5
3PH1.5KW6P	TECA-2 100L-6	1.5	100L	940	80	3.71	0.73	2.9	3.1	5.9
3PH2.2KW6P	TECA-2 112M-6	2.2	112M	945	81.8	5.17	0.75	2.8	2.6	5.5
3PH3KW6P	TECA-2 132S-6	3	132S	960	83.3	6.84	0.76	2.7	2.2	5.7
3PH4KW6P	TECA-2 132M1-6	4	132M	960	84.6	8.86	0.77	2.7	2.4	6.2
3PH5.5KW6P	TECA-2 132M2-6	5.5	132M	960	86	12	0.77	2.7	2.6	6.7
3PH7.5KW6P	TECA-2 160M-6	7.5	160M	970	87.5	16.1	0.77	2.8	2	5.6
3PH11KW6P	TECA-2 160L-6	11	160L	970	89	22.9	0.78	2.8	2	5.8
3PH15KW6P	TECA-2 180L-6	15	180L	975	90.1	28.9	0.83	2.9	1.9	7.5
3PH18.5KW6P	TECA-2 200L1-6	18.5	200L	975	90.4	35.6	0.83	2.7	2.2	6.3
3PH22KW6P	TECA-2 200L2-6	22	200L	975	90.9	41.6	0.84	2.6	2.3	6.2



Single Phase Electric Motors - Cap Start Cap Run - Frame Sizes



Frame Size	Mounting Dimensions														
	A	B	C	D	E	F	G	H	K	IM B14					
										M	N	P	R	S	T
63	100	80	40	11	23	4	8.5	63	7X10	75	60	90	0	M5	2.5
71	112	90	45	14	30	5	11	71	7X10	85	70	105	0	M6	2.5
80	125	100	50	19	40	6	15.5	80	10X13	100	80	120	0	M6	3
90S	140	100	56	24	50	8	20	90	10X13	115	95	140	0	M8	3
90L	140	125	56	24	50	8	20	90	10X13	115	95	140	0	M8	3
100L	160	140	63	28	60	8	24	100	12X15	130	110	160	0	M8	3.5
112M	190	140	70	28	60	8	24	112	12X15	130	110	160	0	M8	3.5

Frame Size	Mounting Dimensions						Overall Dimensions					Shaft End Screw Dimensions		
	IM B5						AA	AC	AD	HD	L	SS	XX	ZZ
	M	N	P	R	S	T								
63	115	95	140	0	φ10	3	120	130	179	116	212	M4	10	15
71	130	110	160	0	φ10	3.5	132	145	194	123	255	M5	12	18
80	165	130	200	0	φ12	3.5	157	165	223	143	290	M6	16	22
90S	165	130	200	0	φ12	3.5	172	185	240	150	335	M8	20	25
90L	165	130	200	0	φ12	3.5	172	185	240	150	365	M8	20	25
100L	215	180	250	0	φ15	4	196	205	260	160	398/416	M10	22	28
112M	215	180	250	0	φ15	4	222	230	295	183	416	M10	22	28



**Single Phase Electric Motors - Cap Start Cap Run - Technical Data
At 110V / 50Hz**

2 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cos ϕ)	Rate Torque (N.M)
1PH.18KW2PCCT1	TCC631-2	0.18	63	2.89	2710	63	0.9	0.63
1PH.25KW2PCCT1	TCC632-2	0.25	63	3.95	2710	64	0.9	0.88
1PH.37KW2PCCT1	TCC711-2	0.37	71	5.4	2780	67	0.93	1.27
1PH.55KW2PCCT1	TCC712-2	0.55	71	7.68	2790	70	0.93	1.88
1PH.75KW2PCCT1	TCC801-2	0.75	80	9.97	2800	72	0.95	2.56
1PH1.1KW2PCCT1	TCC802-2	1.1	80	14.04	2810	75	0.95	3.74
1PH1.5KW2PCCT1	TCC90S-2	1.5	90S	18.89	2810	76	0.95	5.1
1PH2.2.KW2PCCT1	TCC90L-2	2.2	90L	27.34	2810	77	0.95	7.48
1PH3KW2PCCT1	TCC100L-2	3	100L	36.34	2830	79	0.95	10.13

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ F/V)	Start Capacitor (μ F/V)	Noise dB (A)	Weight (Kg)
1PH.18KW2PCCT1	1.8	1.6	16	30 μ F/250V	100 μ F/125V	70	4.2
1PH.25KW2PCCT1	1.8	1.6	20	40 μ F/250V	100 μ F/125V	73	4.7
1PH.37KW2PCCT1	2	1.8	30	40 μ F/250V	200 μ F/125V	75	5.3
1PH.55KW2PCCT1	2	1.8	40	60 μ F/250V	300 μ F/125V	76	7.4
1PH.75KW2PCCT1	2.5	1.8	60	80 μ F/250V	400 μ F/125V	76	9.5
1PH1.1KW2PCCT1	2.5	1.8	80	100 μ F/250V	600 μ F/125V	79	11.2
1PH1.5KW2PCCT1	2.5	1.8	110	140 μ F/250V	800 μ F/125V	84	14
1PH2.2.KW2PCCT1	2.5	1.8	150	160 μ F/250V	1000 μ F/125V	84	17
1PH3KW2PCCT1	2.5	1.7	220	180 μ F/250V	1400 μ F/125V	88	25

4 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cos ϕ)	Rate Torque (N.M)
1PH.12KW4PCCT1	TCC631-4	0.12	63	2.2	1350	55	0.9	0.86
1PH.18KW4PCCT1	TCC632-4	0.18	63	3.25	1350	56	0.9	1.27
1PH.25KW4PCCT1	TCC711-4	0.25	71	4.21	1380	60	0.9	1.73
1PH.37KW4PCCT1	TCC712-4	0.37	71	5.93	1380	63	0.9	2.56
1PH.55KW4PCCT1	TCC801-4	0.55	80	8.42	1400	66	0.9	3.75
1PH.75KW4PCCT1	TCC802-4	0.75	80	10.98	1410	69	0.9	5.08
1PH1.1KW4PCCT1	TCC90S-4	1.1	90S	14.73	1410	73	0.93	7.45
1PH1.5KW4PCCT1	TCC90L-4	1.5	90L	19.81	1400	74	0.93	10.24
1PH2.2KW4PCCT1	TCC100L-4	2.2	100L	28.3	1430	76	0.93	14.7
1PH3KW4PCCT1	TCC100L2-4	3	100L	38.09	1440	77	0.93	19.91

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ F/V)	Start Capacitor (μ F/V)	Noise dB (A)	Weight (Kg)
1PH.12KW4PCCT1	2.5	1.6	12	30 μ F/250V	100 μ F/125V	64	4.1
1PH.18KW4PCCT1	1.8	1.6	17	40 μ F/250V	100 μ F/125V	64	4.4
1PH.25KW4PCCT1	1.8	1.7	20	40 μ F/250V	150 μ F/125V	66	5.9
1PH.37KW4PCCT1	2	1.7	30	40 μ F/250V	200 μ F/125V	68	6.9
1PH.55KW4PCCT1	2	1.8	40	70 μ F/250V	300 μ F/125V	71	9.6
1PH.75KW4PCCT1	2.5	1.8	60	90 μ F/250V	400 μ F/125V	71	10.8
1PH1.1KW4PCCT1	2.5	1.8	80	120 μ F/250V	600 μ F/125V	74	13.5
1PH1.5KW4PCCT1	2.5	1.8	110	140 μ F/250V	800 μ F/125V	79	16.5
1PH2.2KW4PCCT1	2.5	1.8	150	170 μ F/250V	1300 μ F/125V	79	24
1PH3KW4PCCT1	2.5	1.8	220	200 μ F/250V	1600 μ F/125V	83	30



**Single Phase Electric Motors - Cap Start Cap Run - Technical Data
At 230V / 50Hz**

2 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cos ϕ)	Rate Torque (N.M)
1PH.18KW2PCCT1	TCC631-2	0.18	63	1.38	2710	63	0.9	0.63
1PH.25KW2PCCT1	TCC632-2	0.25	63	1.89	2710	64	0.9	0.88
1PH.37KW2PCCT1	TCC711-2	0.37	71	2.66	2780	65	0.93	1.27
1PH.55KW2PCCT1	TCC712-2	0.55	71	3.78	2790	68	0.93	1.88
1PH.75KW2PCCT1	TCC801-2	0.75	80	4.87	2800	72	0.93	2.56
1PH1.1KW2PCCT1	TCC802-2	1.1	80	7.04	2810	73	0.93	3.74
1PH1.5KW2PCCT1	TCC90S-2	1.5	90S	9.48	2810	74	0.93	5.1
1PH2.2KW2PCCT1	TCC90L-2	2.2	90L	13.57	2810	75	0.94	7.48
1PH3KW2PCCT1	TCC100L-2	3	100L	17.83	2830	77	0.95	10.13
1PH3.7KW2PCCT1	TCC112M1-2	3.7	112M	21.48	2850	78	0.96	12.4
1PH4KW2PCCT1	TCC112M2-2	4	112M	22.18	2850	80	0.98	13.41

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ F/V)	Start Capacitor (μ F/V)	Noise dB (A)	Weight (Kg)
1PH.18KW2PCCT1	2.5	1.6	8	10 μ F/450V	30 μ F/250V	70	3.9
1PH.25KW2PCCT1	2.5	1.6	10	12 μ F/450V	40 μ F/250V	73	4.4
1PH.37KW2PCCT1	2.5	1.8	15	12 μ F/450V	75 μ F/250V	75	6.1
1PH.55KW2PCCT1	2.5	1.8	20	16 μ F/450V	100 μ F/250V	76	7
1PH.75KW2PCCT1	2.5	1.8	30	20 μ F/450V	100 μ F/250V	76	9
1PH1.1KW2PCCT1	2.5	1.8	40	30 μ F/450V	150 μ F/250V	79	10.3
1PH1.5KW2PCCT1	2.5	1.8	55	40 μ F/450F	200 μ F/300V	84	16.3
1PH2.2KW2PCCT1	2.5	1.8	75	50 μ F/450V	250 μ F/300V	84	16.7
1PH3KW2PCCT1	2.5	1.7	110	60 μ F/450V	400 μ F/300V	88	25
1PH3.7KW2PCCT1	2.5	1.7	140	60 μ F/450V	600 μ F/300V	90	33
1PH4KW2PCCT1	2.5	1.7	150	60 μ F/450V	600 μ F/300V	90	34.2



**Single Phase Electric Motors - Cap Start Cap Run - Technical Data
At 230V / 50Hz**

4 Pole

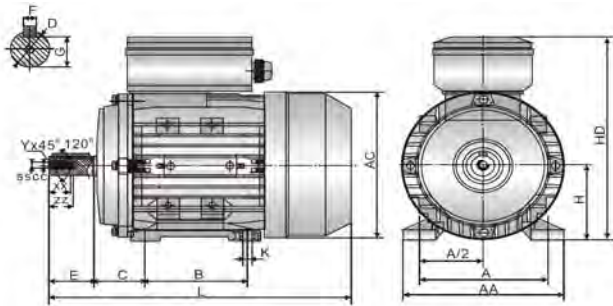
APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cosö)	Rate Torque (N.M)
1PH.12KW4PCCT1	TCC631-4	0.12	63	1.05	1350	55	0.9	0.85
1PH.18KW4PCCT1	TCC632-4	0.18	63	1.55	1350	56	0.9	1.27
1PH.25KW4PCCT1	TCC711-4	0.25	71	2.01	1380	60	0.9	1.73
1PH.37KW4PCCT1	TCC712-4	0.37	71	2.84	1380	63	0.9	2.56
1PH.55KW4PCCT1	TCC801-4	0.55	80	4.03	1400	66	0.9	3.75
1PH.75KW4PCCT1	TCC802-4	0.75	80	5.25	1410	69	0.9	5.08
1PH1.1KW4PCCT1	TCC90S-4	1.1	90S	7.24	1410	71	0.93	7.45
1PH1.5KW4PCCT1	TCC90L-4	1.5	90L	9.61	1400	73	0.93	10.24
1PH2.2KW4PCCT1	TCC100L1-4	2.2	100L	13.9	1430	74	0.93	14.7
1PH3KW4PCCT1	TCC100L2-4	3	100L	18.7	1440	75	0.93	19.91
1PH3.7KW4PCCT1	TCC112M1-4	3.7	112M	21.99	1440	77	0.95	24.55
1PH4KW4PCCT1	TCC112M2-4	4	112M	22.41	1440	80	0.97	26.54

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (µF/V)	Start Capacitor (µF/V)	Noise dB (A)	Weight (Kg)
1PH.12KW4PCCT1	2.5	1.6	6	10µF/450V	30µF/250V	64	4.1
1PH.18KW4PCCT1	2.5	1.6	8.5	12µF/450V	40µF/250V	64	4.5
1PH.25KW4PCCT1	2.5	1.7	10	12µF/450V	50µF/250V	66	5.9
1PH.37KW4PCCT1	2.5	1.7	15	16µF/450V	75µF/250V	68	6.9
1PH.55KW4PCCT1	2.5	1.8	20	20µF/450V	100µF/250V	71	9.6
1PH.75KW4PCCT1	2.5	1.8	30	25µF/450V	100µF/250V	71	10.9
1PH1.1KW4PCCT1	2.5	1.8	40	35µF/450V	150µF/250V	74	13.8
1PH1.5KW4PCCT1	2.5	1.8	55	40µF/450V	200µF/300V	79	16.7
1PH2.2KW4PCCT1	2.5	1.8	75	50µF/450V	300µF/300V	79	22.8
1PH3KW4PCCT1	2.5	1.8	110	60µF/450V	500µF/300V	83	28.7
1PH3.7KW4PCCT1	2.5	1.7	140	60µF/450V	600µF/300V	86	31
1PH4KW4PCCT1	2.5	1.7	150	60µF/450V	600µF/300V	86	32.8

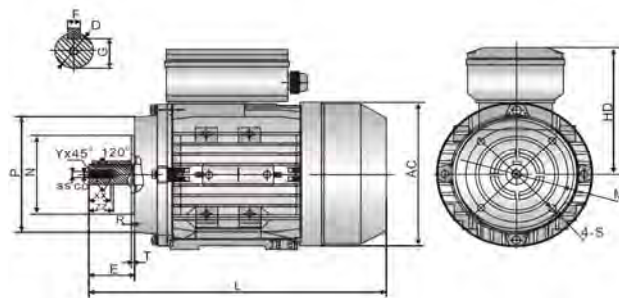


Single Phase Electric Motors - Permanent Capacitor - Frame Sizes

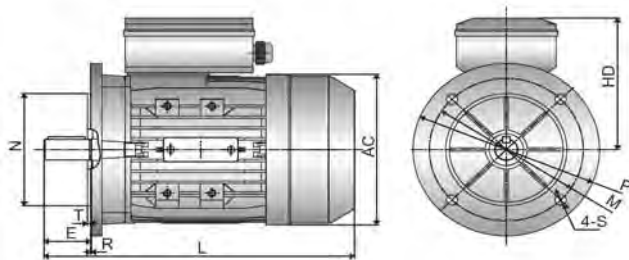
B3



B14



B5



Frame Size	Mounting Dimensions														
	A	B	C	D	E	F	G	H	K	IM B14					
										M	N	P	R	S	T
63	100	80	40	11	23	4	8.5	63	7X10	75	60	90	0	M5	2.5
71	112	90	45	14	30	5	11	71	7X10	85	70	105	0	M6	2.5
80	125	100	50	19	40	6	15.5	80	10X13	100	80	120	0	M6	3
90S	140	100	56	24	50	8	20	90	10X13	115	95	140	0	M8	3
90L	140	125	56	24	50	8	20	90	10X13	115	95	140	0	M8	3
100L	160	140	63	28	60	8	24	100	12X15	130	110	160	0	M8	3.5
112M	190	140	70	28	60	8	24	112	12X15	130	110	160	0	M8	3.5

Frame Size	Mounting Dimensions						Overall Dimensions					Shaft End Screw Dimensions		
	IM B5						AA	AC	AD	HD	L	SS	XX	ZZ
	M	N	P	R	S	T								
63	115	95	140	0	10	3	120	130	179	116	212	M4	10	15
71	130	110	160	0	10	3.5	132	145	194	123	255	M5	12	18
80	165	130	200	0	12	3.5	157	165	223	143	290	M6	16	22
90S	165	130	200	0	12	3.5	172	185	240	150	335	M8	20	25
90L	165	130	200	0	12	3.5	172	185	240	150	365	M8	20	25
100L	215	180	250	0	15	4	196	205	260	160	398/416	M10	22	28
112M	215	180	250	0	15	4	222	230	295	183	416	M10	22	28



**Single Phase Electric Motors - Permanent Capacitor - Technical Data
At 230V / 50Hz**

2 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cos ϕ)
1PH.09KW2PPCT1	TPC 5612	0.09	56	0.8	2740	54	0.91
1PH.12KW2PPCT1	TPC 5622	0.12	56	0.9	2760	60	0.93
1PH.18KW2PPCT1	TPC 6312	0.18	63	1.4	2760	62	0.93
1PH.25KW2PPCT1	TPC 6322	0.25	63	1.7	2780	66	0.93
1PH.37KW2PPCT1	TPC 711-2	0.37	71	2.6	2640	66	0.94
1PH.55KW2PPCT1	TPC 712-2	0.55	71	3.6	2760	71	0.95
1PH.75KW2PPCT1	TPC 801-2	0.75	80	4.5	2735	73	0.98
1PH1.1KW2PPCT1	TPC 802-2	1.1	80	6.6	2720	74	0.98
1PH1.5KW2PPCT1	TPC 803-2	1.5	80	9.2	2730	74	0.98
1PH1.5KW2PPCT1	TPC 90S-2	1.5	90S	8.5	2755	76	0.98
1PH2.2KW2PPCT1	TPC 90L-2	2.2	90L	12.3	2765	77	0.98
1PH3KW2PPCT1	TPC 100L-2	3	100L	16.9	2765	77	0.99

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ F/V)	Noise dB (A)	Weight (Kg)
1PH.09KW2PPCT1	0.69	1.8	2.5	4 μ F/450V	67	2.8
1PH.12KW2PPCT1	0.69	1.8	3.5	6 μ F/450V	67	3.05
1PH.18KW2PPCT1	0.55	1.8	4.5	8 μ F/450V	70	4.1
1PH.25KW2PPCT1	0.55	1.8	6	10 μ F/450V	70	4.5
1PH.37KW2PPCT1	0.72	1.65	8	14 μ F/450V	75	6.1
1PH.55KW2PPCT1	0.7	1.8	14	20 μ F/450V	75	7.7
1PH.75KW2PPCT1	0.68	1.75	16	25 μ F/450V	75	10.3
1PH1.1KW2PPCT1	0.65	1.8	23	35 μ F/450V	78	11.6
1PH1.5KW2PPCT1	0.65	1.8	31	50 μ F/450V	78	13.6
1PH1.5KW2PPCT1	0.65	1.8	31	50 μ F/450V	80	14.6
1PH2.2KW2PPCT1	0.65	1.8	51	70 μ F/450V	80	17.8
1PH3KW2PPCT1	0.55	1.75	64	90 μ F/450V	83	23.7



**Single Phase Electric Motors - Permanent Capacitor - Technical Data
At 230V / 50Hz**

4 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cos ϕ)
1PH.06KW4PPCT1	TPC 5614	0.06	56	0.6	1360	50	0.94
1PH.09KW4PPCT1	TPC 5624	0.09	56	0.8	1360	52	0.94
1PH.12KW4PPCT1	TPC 6314	0.12	63	1.3	1370	52	0.92
1PH.18KW4PPCT1	TPC 6324	0.18	63	1.5	1370	54	0.94
1PH.25KW4PPCT1	TPC 711-4	0.25	71	2	1320	56	0.94
1PH.37KW4PPCT1	TPC 712-4	0.37	71	2.9	1325	58	0.94
1PH.55KW4PPCT1	TPC 801-4	0.55	80	3.9	1340	64	0.94
1PH.75KW4PPCT1	TPC 802-4	0.75	80	5.3	1340	64	0.94
1PH1.1KW4PPCT1	TPC 90S-4	1.1	90S	7	1355	72	0.95
1PH1.5KW4PPCT1	TPC 90L-4	1.5	90L	9.3	1360	74	0.95
1PH2.2KW4PPCT1	TPC 100L1-4	2.2	100L	12.6	1390	78	0.97
1PH3KW4PPCT1	TPC 100L2-4	3	100L	16.5	1380	79	0.99

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ F/V)	Noise dB (A)	Weight (Kg)
1PH.06KW4PPCT1	0.75	1.75	2	4 μ F/450V	63	3.3
1PH.09KW4PPCT1	0.6	1.75	3	6 μ F/451V	63	3.6
1PH.12KW4PPCT1	0.6	1.75	3	8 μ F/452V	65	4.1
1PH.12KW4PPCT1	0.6	1.75	3	8 μ F/453V	65	4.45
1PH.18KW4PPCT1	0.6	1.6	4	10 μ F/450V	65	5.05
1PH.25KW4PPCT1	0.6	1.6	5	12 μ F/450V	65	5.4
1PH.37KW4PPCT1	0.75	1.6	5	14 μ F/450V	65	6.2
1PH.55KW4PPCT1	0.7	1.55	7	20 μ F/450V	68	7.3
1PH.75KW4PPCT1	0.7	1.7	11	25 μ F/450V	73	10.1
1PH1.1KW4PPCT1	0.7	1.75	15	35 μ F/450V	73	11.4
1PH1.5KW4PPCT1	0.68	1.8	22	50 μ F/450V	75	14.4
1PH2.2KW4PPCT1	0.68	1.8	32	50 μ F/450V	78	17.5
1PH3KW4PPCT1	0.48	1.75	49	70 μ F/450V	80	24.5



Single Phase Electric Motors - Permanent Capacitor - Technical Data At 230V / 50Hz

6 Pole

APL Part No	TEC Part No	Power (KW)	Frame Size	Current (A)	Speed (r/min)	Eff (%)	Power Factor (Cos ϕ)
1PH.09KW6PPCT1	TPC 6316	0.09	63	0.92	900	46	0.92
1PH.12KW6PPCT1	TPC 6326	0.12	63	1.05	900	54	0.92
1PH.18KW6PPCT1	TPC 7116	0.18	71	1.55	900	55	0.92
1PH.25KW6PPCT1	TPC 7126	0.25	71	2.07	900	57	0.92
1PH.37KW6PPCT1	TPC 8016	0.37	80	2.82	900	62	0.92
1PH.55KW6PPCT1	TPC 8026	0.55	80	4.08	900	63	0.93
1PH.75KW6PPCT1	TPC 90S6	0.75	90S	5.2	900	66	0.95
1PH1.1KW6PPCT1	TPC 90L6	1.1	90L	7.51	900	67	0.95

APL Part No	Tst/Tn (Times)	Tmax/Tn (Times)	Starting Current (A)	Run Capacitor (μ F/V)	Noise dB (A)	Weight (Kg)
1PH.06KW4PPCT1	0.8	1.45	2	8 μ F/464V	63	5.1
1PH.09KW4PPCT1	0.75	1.45	3	11 μ F/465V	63	6
1PH.12KW4PPCT1	0.7	1.5	4	16 μ F/466V	68	6.3
1PH.12KW4PPCT1	0.68	1.5	5	20 μ F/467V	68	7.6
1PH.18KW4PPCT1	0.68	1.6	8	25 μ F/468V	68	9
1PH.25KW4PPCT1	0.68	1.6	14	30 μ F/469V	70	11.6
1PH.37KW4PPCT1	0.65	1.6	16	40 μ F/470V	70	13.5
1PH.55KW4PPCT1	0.62	1.6	25	50 μ F/471V	70	16.2