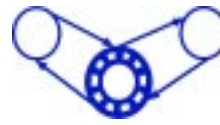


Townsend Bearings



Inverters and Electric Motors

Single Phase Motor Dimensions Permanent Capacitor Motors 63 - 90 Frame



Townsend Bearings

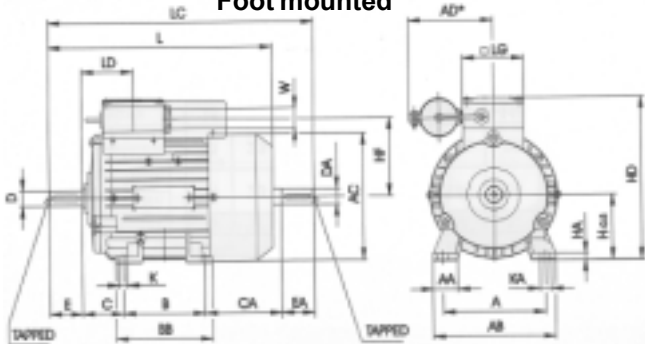
Size	kW	Poles	A	AA	AB	AC	AD	B	B1	BB	C	H	HA	HD	HF	K	KA	L	LA	LD	LF	LG	W
63	0.18	2	100	27	120	118	94	80	N/A	96	40	63	7	164	77.5	7	10	202.5	8	69.5	208.5	75	M25 x 1.5
63	0.12	4																					
63	0.25	2																					
63	0.18	4																					
71	All Sizes		112	30.5	132	139	94	90	N/A	106	45	71	7	182	87.5	7	10	240	9	63.5	239	75	M25 x 1.5
80	All Sizes but*		125	30.5	150	156.5	103.5	100	N/A	118	50	80	8	200	96.5	9.5	13.5	273.5	10	63.5	262.5	75	M25 x 1.5
80*	1.1	2	125	30.5	150	156.5	103.5	100	N/A	118	50	80	8	200	96.5	9.5	13.5	316	10	63.5	305	75	
90S	All Sizes		140	30.5	165	173.6	109	100	(125)	143	56	90	10	218	104.5	10	14	331	10	79	333	75	M25 x 1.5
90L	2.2	2	140	30.5	165	173.6	109	(100)	125	143	56	90	10	218	104.5	10	14	374	10	79	376	75	M25 x 1.5
90L	1.5	4	140	30.5	165	173.6	109	(100)	125	143	56	90	10	218	104.5	10	14	331	10	79	333	75	M25 x 1.5

Size	kW	Poles	Shaft					B5 Flange					B14A Flange						B14B Flange					
			D	E	F	G	GD	M	N	P	S	T	RA	M	N	P	S	T	RA	M	N	P	S	T
63	0.18	2	11	23	4	8.5	4	115	95	140	10	3	10	75	60	90	M5	2.5	12	100	80	120	M6	3
63	0.12	4	11	23	4	8.5	4	115	95	140	10	3	10	75	60	90	M5	2.5	12	100	80	120	M6	3
63	0.25	2	11	23	4	8.5	4	115	95	140	10	3	10	75	60	90	M5	2.5	12	100	80	120	M6	3
63	0.18	4	11	23	4	8.5	4	115	95	140	10	3	10	75	60	90	M5	2.5	12	100	80	120	M6	3
71	All Sizes		14	30	5	11	5	130	110	160	10	3.5	12	85	70	105	M6	2.5	13	115	95	140	M8	3
80	All Sizes but*		19	40	6	15.5	6	165	130	200	12	3.5	12	100	80	120	M6	3	13	130	111	160	M8	3.5
80*	1.1	2	19	40	6	15.5	6	165	130	200	12	3.5	12	100	80	120	M6	3	13	130	111	160	M8	3.5
90S	All Sizes		24	50	8	20	7	165	130	200	12	3.5	18	115	95	140	M8	3	18	130	110	160	M8	3.5
90L	2.2	2	24	50	8	20	7	165	130	200	12	3.5	18	115	95	140	M8	3	18	130	110	160	M8	3.5
90L	1.5	4	24	50	8	20	7	165	130	200	12	3.5	18	115	95	140	M8	3	18	130	110	160	M8	3.5

B3

RA - depth of tapped hole in flange

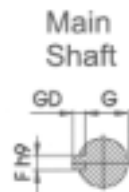
Foot mounted



Quality Ball Bearings

DE / NDE

63 frame	6201 / 6201 2Z C3
71 frame	6202 / 6202 2Z C3
80 frame	6004 / 6004 2Z C3
90 frame	6205 / 6004 2Z C3



B5

Flange mounted

B3/B5 Foot & Flange

63 frame	shaft Ø	11mm - M4 x 13 mm
71 frame	shaft Ø	14mm - M5 x 12.5mm
80 frame	shaft Ø	19mm - M6 x 16mm
90 frame	shaft Ø	24mm - M8 x 19mm

B14A

Flange Mounted

B14B

Flange Mounted

B3/B14A Foot & Flange
B3/B14B Foot & Flange

