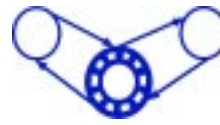


Townsend Bearings



Inverters and Electric Motors



Capacitor Start - Capacitor Run Motors
230V 50Hz Insulation class F/B

Output kW	Frame Size	Speed rpm	Current Amps	Efficiency %	Power Factor (cosφ)	Ratio			Run Capacitor μF/V	Start Capacitor μF/V	Weight Kg	Product Code
						Starting Current	Starting Torque	B/down Torque				
2 Pole - 3000 rpm												
0.18	63	2895	1.3	62	0.94	5.2	1.90	2.50	5/450	25/320	4.1	1PH.18KW2PB3CCM
0.25		2850	1.55	68	0.99	4.6	1.80	1.90	8/450	25/320	4.7	1PH.25KW2PB3CCM
0.37	71	2800	2.55	63	0.96	3.9	1.70	1.66	9/450	40/320	5.4	1PH.37KW2PB3CCM
0.55		2820	3.4	71	0.95	4.0	1.70	1.72	12/450	40/320	7.4	1PH.55KW2PB3CCM
0.75	80	2845	4.5	71	0.98	4.1	1.71	1.60	16/450	60/320	8.8	1PH.75KW2PB3CCM
1.1		2860	6.4	73	0.98	4.4	1.70	1.75	22/450	80/320	10.5	1PH1.1KW2PB3CCM
1.5	90S	2845	8.9	72	0.98	4.5	2.00	2.04	30/450	120/320	13.4	1PH1.5KW2PB3CCM
2.2		2830	12.8	74	0.97	4.8	1.85	2.15	35/450	160/320	16.1	1PH2.2KW2PB3CCM
3	100L	2840	16.7	77	0.97	5.3	2.10	2.50	60/450	160/320	22.3	1PH3KW2PB3CCM
4 Pole - 1500 rpm												
0.12	63	1415	1.0	58	0.90	3.65	1.94	1.57	4/450	16/320	4.1	1PH.12KW4PB3CCM
0.18		1385	1.5	58	0.86	3.7	1.77	1.66	5/450	25/320	4.7	1PH.18KW4PB3CCM
0.25	71	1400	1.8	59	0.99	3.4	1.60	1.58	9/450	25/320	5.4	1PH.25KW4PB3CCM
0.37		1395	2.5	64	0.95	3.2	1.80	1.60	12/450	25/320	6.7	1PH.37KW4PB3CCM
0.55	80	1415	3.4	69	0.98	3.6	1.70	1.70	14/450	40/320	8.8	1PH.55KW4PB3CCM
0.75		1405	4.6	71	0.96	3.9	1.91	1.64	18/450	60/320	10	1PH.75KW4PB3CCM
1.1	90S	1420	6.3	74	0.98	3.8	1.62	1.78	30/450	80/320	12.7	1PH1.1KW4PB3CCM
1.5		1430	8.4	77	0.97	4.3	1.95	1.80	35/450	120/320	15.9	1PH1.5KW4PB3CCM
2.2	100L	1395	12.8	73	0.98	4.4	2.60	1.92	60/450	160/320	25	1PH2.2KW4PB3CCM

Permanent Capacitor Motors
230V 50Hz Insulation class F/B

Output kW	Frame Size	Speed rpm	Current Amps	Efficiency %	Power Factor (cosφ)	Ratio			Run Capacitor μF/V	Weight Kg	Product Code
						Starting Current	Starting Torque	B/down Torque			
2 Pole - 3000 rpm											
0.18	63	2895	1.3	62	0.94	4.3	0.51	2.50	5/450	4.3	1PH.18KW2PB3PCM
0.25		2850	1.55	68	0.99	3.8	0.49	1.90	8/450	4.9	1PH.25KW2PB3PCM
0.37	71	2895	2.7	65	0.87	4.2	0.50	2.70	12/450	5.7	1PH.37KW2PB3PCM
0.55		2860	4	65	0.89	4.0	0.42	2.10	14/450	7.7	1PH.55KW2PB3PCM
0.75	80	2905	4.35	74	0.97	5.6	0.32	2.36	14/450	9	1PH.75KW2PB3PCM
1.1		2910	6	78	0.98	6.1	0.35	2.53	22/450	10.8	1PH1.1KW2PB3PCM
1.5	90L	2900	8.7	74	0.97	6.2	0.42	3.14	35/450	13.8	1PH1.5KW2PB3PCM
2.2		2810	13	72	0.98	4.5	0.37	1.75	45/450	16.6	1PH2.2KW2PB3PCM
4 Pole - 1500 rpm											
0.12	63	1415	1.0	58	0.90	2.6	0.38	1.57	4/450	4.36	1PH.12KW4PB3PCM
0.18		1385	1.5	58	0.86	2.6	0.54	1.66	5/450	5.1	1PH.18KW4PB3PCM
0.25	71	1400	1.8	59	0.99	2.3	0.54	1.58	9/450	5.7	1PH.25KW4PB3PCM
0.37		1395	2.5	64	0.95	2.6	0.52	1.60	12/450	6.9	1PH.37KW4PB3PCM
0.55	80	1415	3.4	69	0.98	3.0	0.50	1.70	14/450	9.2	1PH.55KW4PB3PCM
0.75		1405	4.6	71	0.96	3.1	0.40	1.64	18/450	10.3	1PH.75KW4PB3PCM
1.1	90S	1420	6.3	74	0.98	3.1	0.37	1.78	30/450	13.1	1PH1.1KW4PB3PCM
1.5		90L	1430	8.4	77	0.97	3.7	0.35	1.80	35/450	16.2