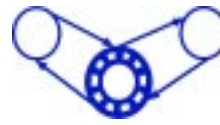


# Townsend Bearings



## Inverters and Electric Motors

**3 Phase - 2 Pole  
3000 rpm - 50Hz**



**Townsend  
Bearings**

Output kW	Frame Size	Speed rpm	Rated Current (A)			Power Factor (cosφ)	Efficiency			Rated Torque (Nm)	Ratio			Noise Lpa dB(A)	Weight Kg	Product Code
			@380V	@400V	@415V		Class	100% Load (%)	75% Load (%)		Starting Current	Starting Torque	B/down Torque			
0.09	56M	2830	0.26	0.26	0.26	0.81		63	62	0.3	3.7	2.0	2.3	41	3	3PH.09KW2P
0.12		2800	0.32	0.32	0.32	0.83		65	64	0.41	3.7	2.1	2.4	41	3	3PH.12KW2P
0.18	63M	2820	0.52	0.51	0.53	0.82		63	62	0.61	3.7	2.0	2.2	49	3.5	3PH.18KW2P
0.25		2830	0.68	0.68	0.7	0.82		65	65	0.84	4.0	2.0	2.2	49	4.1	3PH.25KW2P
0.37	71M	2740	1.05	1.00	1.02	0.82		66	65	1.3	3.5	2.3	2.3	52	5	3PH.37KW2P
0.55		2800	1.38	1.36	1.41	0.82		71	70	1.9	4.3	2.5	2.6	52	6.6	3PH.55KW2P
0.75	80M	2855	1.75	1.73	1.79	0.86		73	72	2.5	5.6	2.3	2.4	56	8.2	3PH.75KW2P
1.1		2845	2.45	2.40	2.5	0.87	eff2	77	77	3.7	6.1	2.6	2.7	56	9.9	3PH1.1KW2P
1.5	90S	2860	3.40	3.25	3.35	0.85	eff2	79	80	5	5.5	2.4	2.7	60	12.9	3PH1.5KW2P
2.2	90L	2880	4.70	4.55	4.65	0.85	eff2	82	82	7.3	6.3	2.8	3.1	60	15.7	3PH2.2KW2P
3	100L	2890	6.25	6.10	6.15	0.85	eff2	84	84	9.9	6.8	2.8	3.0	62	22	3PH3KW2P
4	112M	2905	8.20	7.80	7.7	0.86	eff2	86	86	13	7.2	2.6	2.9	63	29	3PH4KW2P
6.5		2900	13.6	13.3	13.9	0.83		85	84	21.4	8.6	3.0	3.8	67	36	3PH6.5KW2P
5.5	132S	2925	10.6	10.3	10.4	0.89	eff2	86.5	86.5	18	5.9	2.0	2.8	68	41	3PH5.5KW2P
7.5		2930	14.1	13.8	13.8	0.89	eff2	88	88	24	6.9	2.3	3.0	68	49	3PH7.5KW2P
11	160M	2940	21.0	20.0	20.5	0.88	eff2	89.5	89.5	36	6.5	2.1	2.9	70	69	3PH11KW2P
15		2940	28.0	26.5	26	0.90	eff2	90	90.2	49	6.6	2.2	3.0	70	80	3PH15KW2P
18.5	160L	2940	34.0	32.5	32	0.91	eff2	91	91.2	60	7.0	2.4	3.1	70	93	3PH18.5KW2P
22	180M	2945	42	40.5	40	0.86	eff2	91.4	91.4	71	7.0	2.5	3.4	69	145	Special Order
30	200L	2950	56	54	53	0.88	eff2	91.9	91.5	97	7.0	2.4	3.0	73	205	Special Order
37		2950	69	66	65	0.88	eff2	92.6	92.4	120	7.3	2.5	3.2	73	225	Special Order
45	225M	2955	81	77	75	0.90	eff2	93.4	93.4	145	6.9	2.3	2.7	73	310	Special Order
55	250M	2965	98	93	91	0.91	eff2	94	94	177	6.9	2.1	2.8	75	415	Special Order
75		2970	138	130	128	0.88		94	93.6	241	7.5	2.5	3.5	75	490	Special Order
75	280S	2975	134	128	126	0.90	eff2	94.3	94.2	241	7.0	1.9	2.7	77	570	Special Order
90		2975	158	150	146	0.91		95.1	94.7	289	7.0	2.0	2.7	77	610	Special Order
90	280M	2975	158	150	146	0.91	eff2	95.1	94.7	289	7.0	2.0	2.7	77	610	Special Order
110		2975	190	182	178	0.91		95.8	95.8	353	7.5	2.2	2.9	77	670	Special Order
110	315S	2980	195	186	182	0.90		94.8	94.4	353	7.0	1.8	2.8	79	790	Special Order
132		2980	235	225	220	0.90		95.1	94.8	423	7.0	1.9	2.8	79	850	Special Order
132	315L	2980	235	225	220	0.90		95.1	94.8	423	7.0	1.9	2.8	79	850	Special Order
150		2980	265	250	245	0.91		95.5	95.4	481	7.0	1.8	2.8	79	990	Special Order
160	315L	2980	280	265	260	0.91		95.5	95.1	513	7.0	1.8	2.8	79	990	Special Order
160		2980	280	265	260	0.91		95.5	95.1	513	7.0	1.8	2.8	79	990	Special Order
185	315L	2980	325	305	295	0.92		95.5	95.4	593	7.0	1.9	2.8	79	1100	Special Order
200		2980	345	325	315	0.92		96	95.7	641	7.0	1.9	2.8	79	1100	Special Order
250	315	2979	437	415	400	0.90		96.2	96.2	801	7.0	1.8	2.8	82	1300	Special Order
315		2979	547	520	501	0.91		96.6	96.6	1010	7.0	1.8	2.8	82	1500	Special Order
355	355	2980	621	590	569	0.90		96.6	96.6	1140	6.5	1.7	2.5	77**	1900	Special Order
400		2980	695	660	636	0.91		96.7	96.7	1280	6.5	1.7	2.5	77**	2000	Special Order
500		2982	863	820	790	0.91		97.1	97.1	1600	6.5	1.8	2.6	77**	2200	Special Order
560	400	2985	958	910	877	0.91		97.1	97.1	1790	7.0	1.6	2.8	79**	2800	Special Order
630		2985	1074	1020	983	0.91		97.1	97.1	2020	7.0	1.6	2.8	79**	3000	Special Order
710		2985		670*		0.91		97.3	97.3	2270	7.0	1.7	2.8	79**	3200	Special Order
800	450	2986		760*		0.91		97.2	97.2	2560	7.0	0.9	3.0	81**	4000	Special Order
900		2986		840*		0.92		97.3	97.3	2880	7.0	0.9	2.8	81**	4200	Special Order
1000		2986		920*		0.93		97.4	97.4	3200	7.0	0.9	2.7	81**	4400	Special Order

\*Current at 690V

\*\*Uni-Directional Fan