

# Short Case Axial Fans

## Performance Guide & Electrical Data

Unit Code	Nom. RPM	Phase	Duty - m <sup>3</sup> /s @ Pa										Motor kW	Amps		dBA @3m			
			0	25	50	75	100	125	150	200	250	300		350	400		FLC	SC	
<b>2 Pole</b>																			
CA250/2/1B	2500	1	0.614	0.591	0.569	0.544	0.517	0.465								0.24	1.2	4.3	59
CA250/2/3B	2500	3														0.24	0.5	3	
CA315/2/1HB	2500	1	1.33	1.295	1.26	1.225	1.18	1.14	1.08	0.965	0.83	0.38	0.31			0.37	1.7	9.2	69
CA315/2/3HB	2600	3														0.55	1.2	6.6	
CA350/2/1HB	2000	1	1.94	1.885	1.84	1.786	1.74	1.685	1.64	1.525	1.385	1.20				0.37	2.2	10.4	75
CA350/2/3HB	2400	3														0.55	1.8	11.4	
<b>4 Pole</b>																			
CA250/4/1B	1330	1														0.6	0.3	1.2	45
CA250/4/3B	1330	3	0.347	0.301												0.6	0.2	1.2	
CA315/4/1B	1300	1	0.650	0.571	0.496											0.10	0.6	2.4	49
CA315/4/3B	1300	3														0.15	0.3	1.8	
CA350/4/1B	1225	1	0.964	0.893	0.813											0.2	1	4	53
CA350/4/3B	1260	3														0.2	0.5	3	
CA400/4/1B	1200	1	1.416	1.333	1.220	1.084	0.940									0.34	1.6	6.4	57
CA400/4/3B	1360	3														0.33	0.8	4.8	
CA450/4/1B	1370	1	1.972	1.874	1.782	1.700	1.610	1.482								0.62	2.7	10.8	57
CA450/4/3B	1400	3														0.63	1.6	9.6	
CA500/4/1B	1300	1	2.697	2.610	2.525	2.440	2.350	2.245	2.120							0.80	3.5	14	61
CA500/4/3B	1350	3														0.88	1.7	10.2	
CA560/4/1B	1340	1	3.827	3.755	3.674	3.579	3.460	3.305	3.125							1.68	7.7	30.8	65
CA560/4/3B	1370	3														1.52	2.8	16.8	
CA630/4/1B	1280	1	4.472	4.365	4.260	4.150	4.045	3.920	3.790	3.350						1.8	8.4	33.6	66
CA630/4/3B	1400	3	5.056	4.960	4.863	4.756	4.633	4.500	4.351	4.020						2.2	4.0	24	67
CA710/4/3B	1450	3	7.083	6.960	6.815	6.690	6.537	6.400	6.240	5.910	5.510	4.940	3.350	2.480		3.2	5.4	32.4	69
CA800/4/3B	1465	3	12.000	11.820	11.620	11.430	11.230	11.010	10.810	10.330	9.820	9.265	8.550			8.2	14.2	85.2	76
<b>6 Pole</b>																			
CA350/6/1B	800	1	0.617	0.510												0.09	0.5	2	39
CA350/6/3B	875	3														0.09	0.3	1.8	
CA400/6/1B	750	1	0.900	0.770												0.11	0.6	2.4	44
CA400/6/3B	830	3														0.11	0.3	1.8	
CA450/6/1B	890	1	1.275	1.119	0.932											0.24	1.2	4.8	55
CA450/6/3B	910	3														0.20	0.5	3.0	
CA500/6/1B	890	1	1.694	1.591	1.395											0.31	1.7	6.8	58
CA500/6/3B	900	3														0.27	0.6	3.5	
CA560/6/1B	900	1	2.411	2.269	2.080											0.55	2.8	11.2	61
CA560/6/3B	900	3														0.47	1.0	6.0	
CA630/6/1B	930	1	3.611	3.450	3.250	3.010	2.700									0.98	5.4	21.6	64
CA630/6/3B	950	3														0.86	2.8	16.8	
CA710/6/1B	840	1	4.944	4.771	4.562	4.300	3.945									1.30	6.5	26.0	68
CA710/6/3B	910	3														1.30	3.0	18.0	
CA800/6/3B	960	3	7.833	7.640	7.405	7.140	6.870	6.600	6.285							2.7	5.3	31.8	72

FLC = Full Load Current SC = Starting Current