

B SERIES CAST FANS - BELT DRIVE

B25		1500 rpm		1750 rpm		2000 rpm		2250 rpm		2500 rpm		2750 rpm		3000 rpm		3250 rpm		3500 rpm		3750 rpm		4000 rpm	
kPa	in.WG	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s
0.1	0.4			62	5.4	95	8.3	120	10.5	142	12.5	162	14.2	180	15.8	199	17.4	217	19.0	235	20.6	254	22.3
0.2	0.8							42	3.7	90	7.9	124	10.9	152	13.3	176	15.4	196	17.2	217	19.0	237	20.8
0.3	1.2											56	4.9	101	8.9	139	12.2	169	14.8	194	17.0	217	19.0
0.4	1.6													0	0.0	76	6.7	122	10.7	161	14.1	190	16.7
0.5	2.0																	58	5.1	110	9.6	150	13.2
0.6	2.4																			35	3.1	100	8.8
0.7	2.8																					20	1.8
Max.Power		0.01 KW		0.01 KW		0.01 KW		0.01 KW		0.02 KW		0.03 KW		0.03 KW		0.04 KW		0.06 KW		0.07 KW		0.08 KW	

B30		1500 rpm		1750 rpm		2000 rpm		2250 rpm		2500 rpm		2750 rpm		3000 rpm		3250 rpm		3500 rpm		3750 rpm		4000 rpm	
kPa	in.WG	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s
0.2	0.8	52	3.2	131	8.0	183	11.1	228	13.9	272	16.6	315	19.2	355	21.6	393	23.9	433	26.4	470	28.6	508	30.9
0.4	1.6							128	7.8	191	11.6	244	14.9	292	17.8	337	20.5	380	23.1	422	25.7	464	28.3
0.6	2.4											156	9.5	221	13.5	275	16.7	324	19.7	370	22.5	416	25.3
0.8	3.2													112	6.8	202	12.3	263	16.0	316	19.2	366	22.3
1	4.0																	186	11.3	256	15.6	314	19.1
1.2	4.8																			176	10.7	252	15.3
1.4	5.6																					168	10.2
Max.Power		0.03 KW		0.04 KW		0.06 KW		0.09 KW		0.12 KW		0.16 KW		0.21 KW		0.27 KW		0.33 KW		0.41 KW		0.50 KW	

B35		1500 rpm		1750 rpm		2000 rpm		2250 rpm		2500 rpm		2750 rpm		3000 rpm		3250 rpm		3500 rpm		3750 rpm		4000 rpm	
kPa	in.WG	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s
0.25	1	87	3.9	211	9.4	312	14.0	400	17.9	472	21.1	546	24.4	616	27.6	682	30.5	749	33.5	818	36.6	882	39.5
0.5	2.0							200	8.9	317	14.2	416	18.6	506	22.6	586	26.2	660	29.5	737	33.0	806	36.1
0.75	3.0									40	1.8	236	10.6	358	16.0	464	20.8	558	25.0	644	28.8	724	32.4
1	4.0													166	7.4	316	14.1	428	19.1	538	24.1	630	28.2
1.25	5.0															100	4.5	277	12.4	405	18.1	520	23.3
1.5	6.0																	0	0.0	246	11.0	395	17.7
1.75	7.0																					238	10.6
Max.Power		0.06 KW		0.10 KW		0.15 KW		0.21 KW		0.29 KW		0.39 KW		0.50 KW		0.64 KW		0.80 KW		0.98 KW		1.19 KW	

B40		1500 rpm		1750 rpm		2000 rpm		2250 rpm		2500 rpm		2750 rpm		3000 rpm		3250 rpm		3500 rpm		3750 rpm		4000 rpm	
kPa	in.WG	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s
0.4	1.6	100	3.4	282	9.7	414	14.2	532	18.2	638	21.8	742	25.4	840	28.8	937	32.1	1025	35.1	1116	38.2	1208	41.4
0.8	3.2							240	8.2	410	14.0	546	18.7	668	22.9	782	26.8	886	30.3	992	34.0	1092	37.4
1.2	4.8											295	10.1	472	16.2	612	21.0	736	25.2	852	29.2	966	33.1
1.6	6.4													190	6.5	396	13.6	565	19.3	704	24.1	830	28.4
2	8.0																	338	11.6	530	18.2	684	23.4
2.4	9.6																			300	10.3	498	17.1
2.8	11.2																					276	9.5
Max.Power		0.07 KW		0.11 KW		0.17 KW		0.24 KW		0.32 KW		0.43 KW		0.56 KW		0.71 KW		0.89 KW		1.09 KW		1.33 KW	

B50		1500 rpm		1750 rpm		2000 rpm		2250 rpm		2500 rpm		2750 rpm		3000 rpm		3250 rpm		3500 rpm		3750 rpm		4000 rpm	
kPa	in.WG	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s
0.5	2			360	7.9	640	14.0	834	18.3	1016	22.3	1180	25.9	1340	29.4	1500	32.9	1652	36.2	1800	39.5	1946	42.7
1	4.0									554	12.1	840	18.4	1046	22.9	1240	27.2	1414	31.0	1584	34.7	1746	38.3
1.5	6.0													590	12.9	906	19.9	1140	25.0	1344	29.5	1530	33.5
1.75	7.0															648	14.2	964	21.1	1208	26.5	1412	30.9
2	8.0																	734	16.1	1040	22.8	1280	28.1
2.5	10.0																			548	12.0	946	20.7
2.75	11.0																					700	15.3
Max.Power		0.11 KW		0.18 KW		0.27 KW		0.38 KW		0.52 KW		0.69 KW		0.90 KW		1.14 KW		1.43 KW		1.75 KW		2.13 KW	

B60		1500 rpm		1750 rpm		2000 rpm		2250 rpm		2500 rpm		2750 rpm		3000 rpm		3250 rpm		3500 rpm		3750 rpm		4000 rpm	
kPa	in.WG	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s	m ³ /hr	m/s
0.5	2	600	9.1	980	14.9	1296	19.7	1594	24.3	1880	28.6	2148	32.7	2400	36.5	2650	40.3	2900	44.1	3152	48.0	3394	51.7
1	4.0					586	8.9	1050	16.0	1416	21.6	1742	26.5	2044	31.1	2330	35.5	2620	39.9	2886	43.9	3150	47.9
1.5	6.0									830	12.6	1280	19.5	1650	25.1	1980	30.1	2300	35.0	2590	39.4	2880	43.8
2	8.0											606	9.2	1180	18.0	1588	24.2	1952	29.7	2280	34.7	2606	39.7
2.5	10.0													1122	17.1	1570	23.9	1970	30.0	2308	35.1	2480	35.1
3	12.0															1106	16.8	1590	24.2	1990	30.3	2180	30.3
4	16.0																					1180	18.0
Max.Power		0.23 KW		0.37 KW		0.55 KW		0.78 KW		1.07 KW		1.43 KW		1.85 KW		2.36 KW		2.94 KW		3.62 KW		4.40 KW	

1 m³/hr = 0.589 CFM = 0.278 l/s ; 1 m/s = 196.9 ft/min