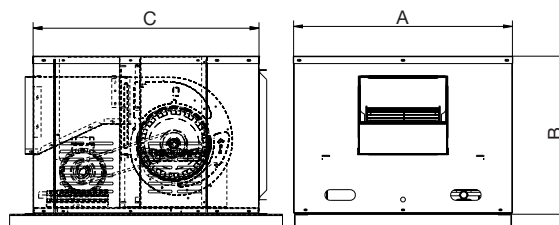


Box Fan

BDL FIRE



Dimensions



Description

Belt driven box fan with forward curved impeller.
 Fans in thermal and soundproofing cabinets.
 Double inlet forward curved impeller.
 Transmission set outside the airstream including the belt protection guard.
 Standard squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.
 Designed for inline installation, indoor or outdoor assembly, they are suitable for:
 Smoke emergency exhaust with motor outside the hazardous area.
 Industrial and professional kitchen hoods.
 Maximum working temperature: carried air: 100°C, ambient: 60° C.
 Vertical discharge option available upon request

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005

Ordering example

Product	BDL FIRE	9/9	0,75 kW
Size			
Motor			

Product	A mm	B mm	C mm	m kg
BDL FIRE 9/9 0,37kW	780	562	793	40
BDL FIRE 9/9 0,55kW	780	562	793	42
BDL FIRE 9/9 0,75kW	780	562	793	43
BDL FIRE 9/9 1,1kW	780	562	793	46
BDL FIRE 10/10 0,37kW	825	592	852	47
BDL FIRE 10/10 0,55kW	825	592	852	49
BDL FIRE 10/10 0,75kW	825	592	852	50
BDL FIRE 10/10 1,1kW	825	592	852	54
BDL FIRE 10/10 1,5kW	825	592	852	59
BDL FIRE 12/12 0,37kW	950	677	970	69
BDL FIRE 12/12 0,55kW	950	677	970	71
BDL FIRE 12/12 0,75kW	950	677	970	72
BDL FIRE 12/12 1,1kW	950	677	970	75
BDL FIRE 12/12 1,5kW	950	677	970	79
BDL FIRE 12/12 2,2kW	950	677	970	87
BDL FIRE 15/15 0,75kW	1100	802	1103	91
BDL FIRE 15/15 0,55kW	1100	802	1103	91
BDL FIRE 15/15 1,1kW	1100	802	1103	94
BDL FIRE 15/15 1,5kW	1100	802	1103	95
BDL FIRE 15/15 2,2kW	1100	802	1103	103
BDL FIRE 15/15 3kW	1100	802	1103	105
BDL FIRE 15/15 4kW	1100	802	1103	110
BDL FIRE 18/18 1,1kW	1271	924	1279	127
BDL FIRE 18/18 1,5kW	1271	924	1279	131
BDL FIRE 18/18 2,2kW	1271	924	1279	139
BDL FIRE 18/18 3kW	1271	924	1279	141
BDL FIRE 18/18 4kW	1271	924	1279	146
BDL FIRE 18/18 5,5kW	1271	924	1279	160
BDL FIRE 20/20 1,5kW	1551	1118	1406	248
BDL FIRE 20/20 2,2KW	1551	1118	1406	255
BDL FIRE 20/20 3KW	1551	1118	1406	256
BDL FIRE 20/20 4KW	1551	1118	1406	261
BDL FIRE 20/20 5,5KW	1551	1118	1406	275
BDL FIRE 20/20 7,5KW	1551	1118	1406	280

Box Fan

BDL FIRE

Product	A mm	B mm	C mm	m kg
BDL FIRE 22/22 2,2KW	1801	1202	1499	285
BDL FIRE 22/22 3KW	1801	1202	1499	287
BDL FIRE 22/22 4KW	1801	1202	1499	291
BDL FIRE 22/22 5,5KW	1801	1202	1499	297
BDL FIRE 22/22 7,5KW	1801	1202	1499	304
BDL FIRE 22/22 11KW	1801	1202	1499	316
BDL FIRE 25/25 2,2KW	1901	1327	1709	329
BDL FIRE 25/25 3KW	1901	1327	1709	331
BDL FIRE 25/25 4KW	1901	1327	1709	336
BDL FIRE 25/25 5,5KW	1901	1327	1709	353
BDL FIRE 25/25 7,5KW	1901	1327	1709	357
BDL FIRE 25/25 11KW	1901	1327	1709	380
BDL FIRE 30/28 2,2KW	2108	1557	1906	410
BDL FIRE 30/28 3KW	2108	1557	1906	418
BDL FIRE 30/28 4KW	2108	1557	1906	426
BDL FIRE 30/28 5,5KW	2108	1557	1906	438
BDL FIRE 30/28 7,5KW	2108	1557	1906	444
BDL FIRE 30/28 11KW	2108	1557	1906	458
BDL FIRE 30/28 15KW	2108	1557	1906	462

All fans are 400 volt.

Box Fan

BDL FIRE

Technical data

Graph Ref.	Product	Motor	Amps	Speed
		W	FLC	RPM
1	BDL FIRE 9/9 0,37kW	0,370	1,070	1150,0
2	BDL FIRE 9/9 0,55kW	0,550	1,490	1350,0
3	BDL FIRE 9/9 0,75kW	0,750	2,000	1400,0
4	BDL FIRE 9/9 1,1kW	1,100	2,750	1600,0
5	BDL FIRE 10/10 0,37kW	0,370	1,070	900,0
6	BDL FIRE 10/10 0,55kW	0,550	1,490	1100,0
7	BDL FIRE 10/10 0,75kW	0,750	2,000	1200,0
8	BDL FIRE 10/10 1,1kW	1,100	2,750	1300,0
9	BDL FIRE 10/10 1,5kW	1,500	3,650	1500,0
10	BDL FIRE 12/12 0,37kW	0,370	1,070	750,0
11	BDL FIRE 12/12 0,55kW	0,550	1,490	850,0
12	BDL FIRE 12/12 0,75kW	0,750	2,000	900,0
13	BDL FIRE 12/12 1,1kW	1,100	2,750	1000,0
14	BDL FIRE 12/12 1,5kW	1,500	3,650	1050,0
15	BDL FIRE 12/12 2,2kW	2,200	5,000	1300,0
16	BDL FIRE 15/15 0,75kW	0,750	2,000	700,0
17	BDL FIRE 15/15 1,1kW	1,100	2,750	800,0
18	BDL FIRE 15/15 1,5kW	1,500	3,650	850,0
19	BDL FIRE 15/15 2,2kW	2,200	5,000	950,0
20	BDL FIRE 15/15 3kW	3,000	6,800	1000,0
21	BDL FIRE 15/15 4kW	4,000	8,800	1000,0
22	BDL FIRE 18/18 1,1kW	1,100	2,750	600,0
23	BDL FIRE 18/18 1,5kW	1,500	3,650	650,0
24	BDL FIRE 18/18 2,2kW	2,200	5,000	700,0
25	BDL FIRE 18/18 3kW	3,000	6,800	800,0
26	BDL FIRE 18/18 4kW	4,000	8,800	850,0
27	BDL FIRE 18/18 5,5kW	5,500	6,900	900,0
28	BDL FIRE 20/20 2,2KW	2,200	5,000	550,0
29	BDL FIRE 20/20 3KW	3,000	6,800	700,0
30	BDL FIRE 20/20 4KW	4,000	8,800	750,0
31	BDL FIRE 20/20 5,5KW	5,500	6,900	850,0
32	BDL FIRE 20/20 7,5KW	7,500	8,600	900,0
33	BDL FIRE 22/22 2,2KW	2,200	5,000	500,0
34	BDL FIRE 22/22 3KW	3,000	6,800	550,0
35	BDL FIRE 22/22 4KW	4,000	8,800	600,0
36	BDL FIRE 22/22 5,5KW	5,500	6,900	650,0
37	BDL FIRE 22/22 7,5KW	7,500	8,600	700,0
38	BDL FIRE 22/22 11KW	11,000	12,020	800,0
39	BDL FIRE 25/25 2,2KW	2,200	5,000	450,0
40	BDL FIRE 25/25 3KW	3,000	6,800	450,0
41	BDL FIRE 25/25 4KW	4,000	8,800	500,0
42	BDL FIRE 25/25 5,5KW	5,500	6,900	550,0
43	BDL FIRE 25/25 7,5KW	7,500	8,600	600,0
44	BDL FIRE 25/25 11KW	11,000	12,020	700,0
45	BDL FIRE 30/28 2,2KW	2,200	5,000	300,0
46	BDL FIRE 30/28 3KW	3,000	6,800	350,0
47	BDL FIRE 30/28 4KW	4,000	8,800	350,0
48	BDL FIRE 30/28 5,5KW	5,500	6,900	400,0
49	BDL FIRE 30/28 7,5KW	7,500	8,600	450,0
50	BDL FIRE 30/28 11KW	11,000	12,020	500,0
51	BDL FIRE 30/28 15KW	15,000	16,040	550,000
52	BDL FIRE 20/20 1,5kW	1,500	3,650	500,000
53	BDL FIRE 15/15 0,55kW	0,550	1,490	650,000

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Box Fan

BDL FIRE

Graph Ref.	Product	Sound Power Level (Breakout)								Power	
		63	125	250	500	1K	2K	4K	8K	dB(A)	dB(A) @ 3m
1	BDL FIRE 9/9 0,37kW	43	45	49	48	56	56	46	41	60	46
2	BDL FIRE 9/9 0,55kW	47	49	53	51	60	59	49	45	64	50
3	BDL FIRE 9/9 0,75kW	47	49	53	51	60	59	49	45	64	50
4	BDL FIRE 9/9 1,1kW	48	50	54	53	61	61	51	46	61	45
5	BDL FIRE 10/10 0,37kW	41	43	47	46	54	53	43	39	58	43
6	BDL FIRE 10/10 0,55kW	45	47	51	50	58	57	48	43	62	48
7	BDL FIRE 10/10 0,75kW	47	49	53	52	60	59	50	45	64	50
8	BDL FIRE 10/10 1,1kW	49	51	55	54	62	61	51	47	66	51
9	BDL FIRE 10/10 1,5kW	53	55	59	58	66	65	56	51	69	49
10	BDL FIRE 12/12 0,37kW	44	46	49	50	55	55	45	39	60	46
11	BDL FIRE 12/12 0,55kW	47	49	52	52	58	58	48	42	63	49
12	BDL FIRE 12/12 0,75kW	48	50	53	54	59	59	49	43	64	50
13	BDL FIRE 12/12 1,1kW	50	52	55	56	62	62	51	45	66	52
14	BDL FIRE 12/12 1,5kW	51	53	56	57	63	63	52	46	67	53
15	BDL FIRE 12/12 2,2kW	54	56	59	60	66	66	55	49	70	50
16	BDL FIRE 15/15 0,75kW	50	50	53	52	58	58	48	41	63	48
17	BDL FIRE 15/15 1,1kW	53	52	56	55	61	61	51	44	66	52
18	BDL FIRE 15/15 1,5kW	54	54	57	56	62	62	52	45	67	52
19	BDL FIRE 15/15 2,2kW	56	56	59	59	65	64	54	47	69	55
20	BDL FIRE 15/15 3kW	57	57	60	60	66	65	55	49	70	56
21	BDL FIRE 15/15 4kW	57	57	60	60	66	65	55	49	70	56
22	BDL FIRE 18/18 1,1kW	48	47	50	50	54	53	44	37	59	45
23	BDL FIRE 18/18 1,5kW	50	49	52	51	56	55	46	39	61	46
24	BDL FIRE 18/18 2,2kW	51	50	53	53	57	56	47	40	62	48
25	BDL FIRE 18/18 3kW	54	53	56	56	60	59	50	43	65	51
26	BDL FIRE 18/18 4kW	56	55	57	57	62	60	51	44	66	52
27	BDL FIRE 18/18 5,5kW	57	56	59	59	63	62	53	46	68	53
28	BDL FIRE 20/20 2,2KW	49	48	51	51	54	52	43	59	59	48
29	BDL FIRE 20/20 3KW	55	54	57	57	59	58	49	42	65	51
30	BDL FIRE 20/20 4KW	57	56	59	59	61	60	51	44	67	53
31	BDL FIRE 20/20 5,5KW	59	58	61	61	64	62	53	46	69	55
32	BDL FIRE 20/20 7,5KW	61	60	63	63	65	64	55	47	71	56
33	BDL FIRE 22/22 2,2KW	51	49	53	52	54	53	43	36	60	52
34	BDL FIRE 22/22 3KW	53	52	55	54	56	55	45	39	62	48
35	BDL FIRE 22/22 4KW	55	54	57	56	58	57	47	41	64	50
36	BDL FIRE 22/22 5,5KW	57	55	59	58	60	59	49	42	66	52
37	BDL FIRE 22/22 7,5KW	59	57	61	60	62	60	51	44	68	54
38	BDL FIRE 22/22 11KW	61	59	63	61	63	62	52	46	69	55
39	BDL FIRE 25/25 2,2KW	52	52	52	52	52	52	52	52	61	47
40	BDL FIRE 25/25 3KW	52	52	52	52	52	52	52	52	61	47
41	BDL FIRE 25/25 4KW	54	54	54	54	54	54	54	54	63	49
42	BDL FIRE 25/25 5,5KW	57	57	57	57	57	57	57	57	66	51
43	BDL FIRE 25/25 7,5KW	59	59	59	59	59	59	59	59	68	53
44	BDL FIRE 25/25 11KW	62	62	62	62	62	62	62	62	71	55
45	BDL FIRE 30/28 2,2KW	57	57	57	57	57	57	57	57	66	52
46	BDL FIRE 30/28 3KW	58	58	58	58	58	58	58	58	67	53
47	BDL FIRE 30/28 4KW	58	58	58	58	58	58	58	58	67	52
48	BDL FIRE 30/28 5,5KW	60	60	60	60	60	60	60	60	69	55
49	BDL FIRE 30/28 7,5KW	63	63	63	63	63	63	63	63	72	58
50	BDL FIRE 30/28 11KW	65	65	65	65	65	65	65	65	74	60
51	BDL FIRE 30/28 15KW	67	67	67	67	67	67	67	67	76	62
52	BDL FIRE 20/20 1,5kW	47	46	49	49	52	50	41	57	57	45
53	BDL FIRE 15/15 0,55kW	48	48	51	51	56	56	46	39	61	47