

Insulated Circular Box Fan

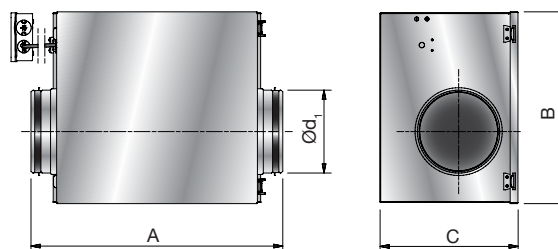
IBF



Description

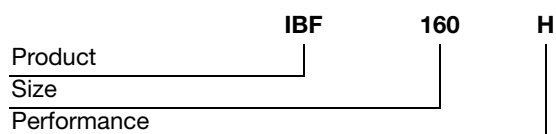
IBF is a range of insulated in-line centrifugal duct fans. They provide high pressure with low sound level. The IBF fans have good sound insulation qualities provided by a 50 mm of mineral wool. The high quality ball bearing mounted external rotor motors are maintenance free. They can be speed controlled from 0-100% by voltage variation. All motors are protected by approved thermo contacts. All 3-phase motors have factory fitted thermo contact leads for alarm functions etc. The fans have a strong galvanized steel housing with an IP54 rating incorporating a swing out design of the fan motor and impeller for easy cleaning and inspection.

Dimensions



Product	Ød ₁ nom	A mm	B mm	C mm	m kg
IBF125	125	483	367	245	9,7
IBF125H	125	483	367	245	9,7
IBF160	160	485	367	266	10,1
IBF160H	160	485	367	266	10,3
IBF200	200	617	491	308	16,8
IBF250	250	485	471	342	14,4
IBF315H	315	727	587	396	30,7
IBF400H	400	778	780	488	46,5
IBF500	500	907	780	584	71,4
IBF500H	500	907	780	584	81,2
IBF630H	630	1067	955	703	115,0
IBF630	630	1067	955	703	115,0

Ordering example

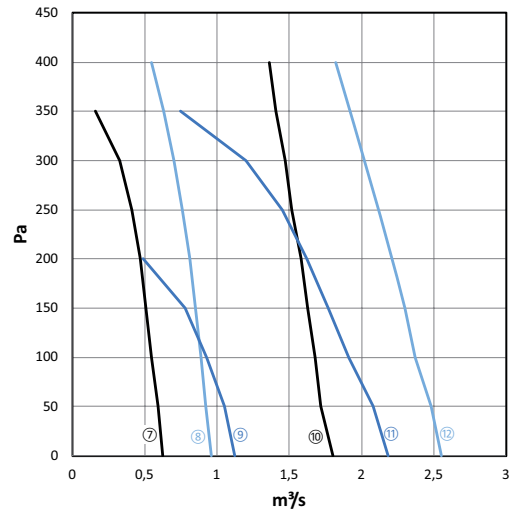
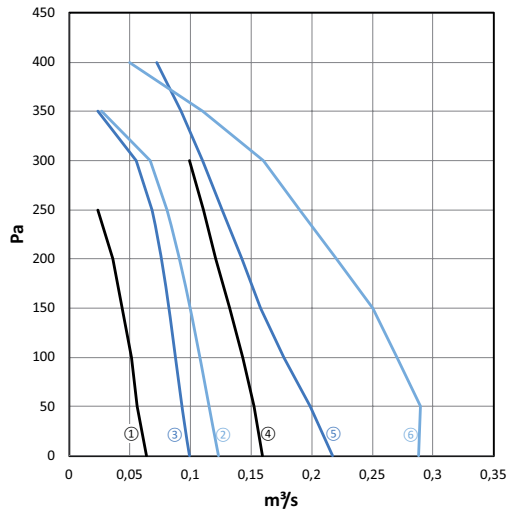


- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Insulated Circular Box Fan

IBF

Technical data



Graph Ref.	Product	m ³ /s @ Pa									Motor W	Amps FLC	Speed RPM	
		0	50	100	150	200	250	300	350	400				
1	IBF125	0,064	0,056	0,051	0,044	0,036	0,024					61	0,27	1130
2	IBF125H	0,123	0,115	0,108	0,1	0,091	0,081	0,067	0,027			122	0,53	1850
3	IBF160	0,099	0,093	0,088	0,082	0,076	0,068	0,055	0,024			105	0,46	1650
4	IBF160H	0,159	0,152	0,143	0,132	0,121	0,111	0,099				164	0,72	2220
5	IBF200	0,217	0,199	0,177	0,158	0,142	0,126	0,11	0,092	0,072		124	0,55	2540
6	IBF250	0,288	0,29	0,27	0,25	0,22	0,19	0,16	0,11	0,05		256	1,13	2120
7	IBF315H	0,625	0,59	0,55	0,51	0,47	0,41	0,33	0,16			638	1,38	1290
8	IBF400H	0,96	0,92	0,89	0,85	0,81	0,76	0,7	0,63	0,55		1470	2,64	1310
9	IBF500	1,12	1,05	0,93	0,78	0,49						540	2	690
10	IBF500H	1,8	1,72	1,68	1,63	1,58	1,52	1,47	1,41	1,36		3400	5,8	1390
11	IBF630	2,18	2,08	1,91	1,77	1,62	1,45	1,2	0,75			2183	4,8	680
12	IBF630H	2,55	2,48	2,37	2,3	2,21	2,12	2,02	1,92	1,82		4000	7	870

Insulated Circular Box Fan

IBF

Technical data

Graph Ref.	Product	Frequency	Sound Power Level								dB(A) @ 3m
			63	125	250	500	1K	2K	4K	8K	
1	IBF125	Inlet	36	51	48	43	38	33	29	17	28
		Outlet	48	53	54	55	56	50	43	30	
		Breakout	26	28	28	27	27	25	26	27	
2	IBF125H	Inlet	43	59	57	54	46	44	40	30	37
		Outlet	56	62	63	65	64	62	55	46	
		Breakout	27	35	42	36	33	29	28	28	
3	IBF160	Inlet	44	59	56	50	44	39	35	26	36
		Outlet	56	61	61	62	61	58	53	44	
		Breakout	28	38	41	35	31	29	27	28	
4	IBF160H	Inlet	50	65	60	53	44	48	46	45	43
		Outlet	65	68	71	72	69	71	69	69	
		Breakout	34	46	43	40	36	34	32	29	
5	IBF200	Inlet	53	56	58	51	46	44	42	36	44
		Outlet	62	64	65	67	61	66	68	61	
		Breakout	36	36	44	46	37	37	38	40	
6	IBF250	Inlet	58	61	60	63	62	63	61	58	43
		Outlet	53	59	58	55	50	47	46	44	
		Breakout	40	38	45	39	34	36	35	36	
7	IBF315H	Inlet	61	62	59	46	50	51	47	41	47
		Outlet	66	66	70	74	76	75	74	67	
		Breakout	47	52	49	43	43	41	39	33	
8	IBF400H	Inlet	65	68	65	53	58	59	55	50	50
		Outlet	71	77	80	79	86	86	84	77	
		Breakout	47	50	54	49	47	44	41	35	
9	IBF500	Inlet	55	57	56	53	52	53	50	38	42
		Outlet	58	59	63	68	68	67	65	51	
		Breakout	41	36	44	46	41	39	39	37	
10	IBF500H	Inlet	67	72	68	64	69	71	67	59	55
		Outlet	67	73	75	78	85	8	79	69	
		Breakout	54	51	46	54	55	56	55	49	
11	IBF630	Inlet	59	62	58	56	61	60	57	46	48
		Outlet	65	66	68	73	74	74	69	58	
		Breakout	45	44	49	52	46	48	43	38	
12	IBF630H	Inlet	64	66	61	59	65	62	60	50	51
		Outlet	66	70	70	76	79	79	73	63	
		Breakout	51	48	53	54	49	50	47	43	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18