

SDECB/Z

Centrifugal fans especially designed for extracting hot air at a max. temperature of 300 °C from extract hoods with a vertical air outlet

Especially designed for bread and pastry ovens as well as industrial ovens



Fan:

- Stainless steel sheet casing.
- Forward curved impeller in galvanized sheet steel.
- Directly coupled motor with B-5 flange.
- With one or two cooling disk mounted on the motor shaft to dissipate the heat.

Motor:

- Motors with IE3 efficiency for powers equal to or greater than 0.75kW, except single-phase, 2-speed and 8-pole.
- IP55 protection.

- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Maximum temperature of air to be carried: -25 °C +300 °C.

Finishing:

- Anticorrosive with temperature resistant anticaloric paint, aluminum color.

On request:

- Special windings for different voltages.
- Stainless steel fan.

Characteristics

MOD.	kW	r.p.m	dB	CAPACITY (m³/s)															
				0.016	0.03	0.05	0.06	0.08	0.1	0.11	0.13	0.15	0.16	0.18	0.2	0.23	0.26	0.3	0.33
				TOTAL PRESSURE (mmH ₂ O)															
SDECB/Z-160-2T-0.75	0.55	2810	75	64	62	60	60	61	62	64	66	67	67	68	68	68	67	67	63
SDECB/Z-160-4T-0.25	0.18	1340	60	21	19	19	19	20	20	21	21	21	20						

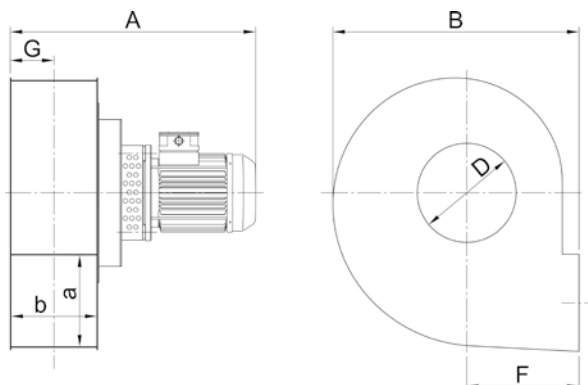
MOD.	kW	r.p.m	dB	CAPACITY (m³/s)																2.3	2.7	3	3.3	3.7	4.2	4.7	5.2	5.8	6.7	7.5	8.3	9.3	10.5	11.7	13.3	15	16.7
TOTAL PRESSURE (mmH ₂ O)																																					
SDECB/Z-260-4T-0.75	0.55	1360	63			42	44	45	45	46	45	42	40																								
SDECB/Z-280-4T-0.75	0.55	1360	64				45	46	47	48	46	45	42	40																							
SDECB/Z-300-4T-0.75	0.55	1360	65				47	49	50	50	51	50	48	47																							
SDECB/Z-330-4T-1.5	1.1	1380	72							65	68	70	71	71	70	69	67	65																			
SDECB/Z-380-4T-3	2.2	1410	73											85	86	87	89	90	90	86	80																
SDECB/Z-400-4T-4	3	1410	74														90	90	92	95	96	100	95														

Flow margin ±5%

Noise level margin +3...5 db

Characteristics T =15°C and 760 mmHg.

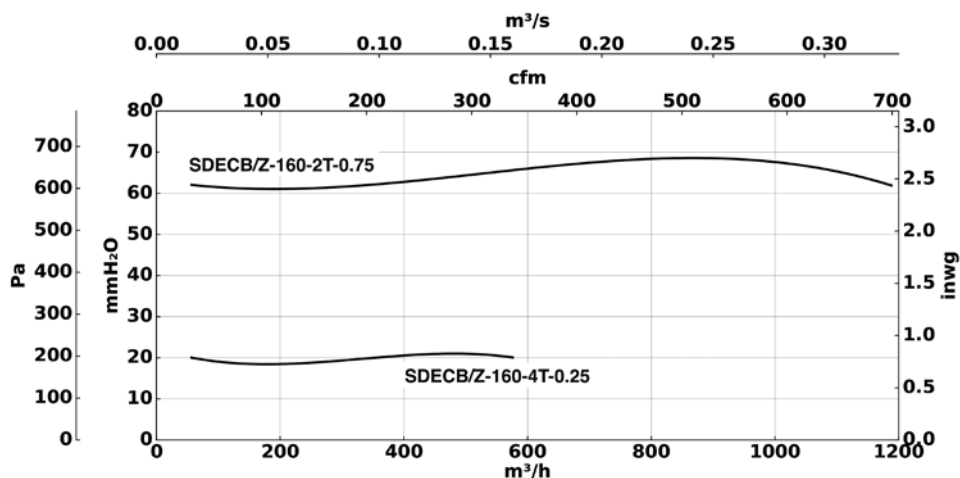
Dimensions mm



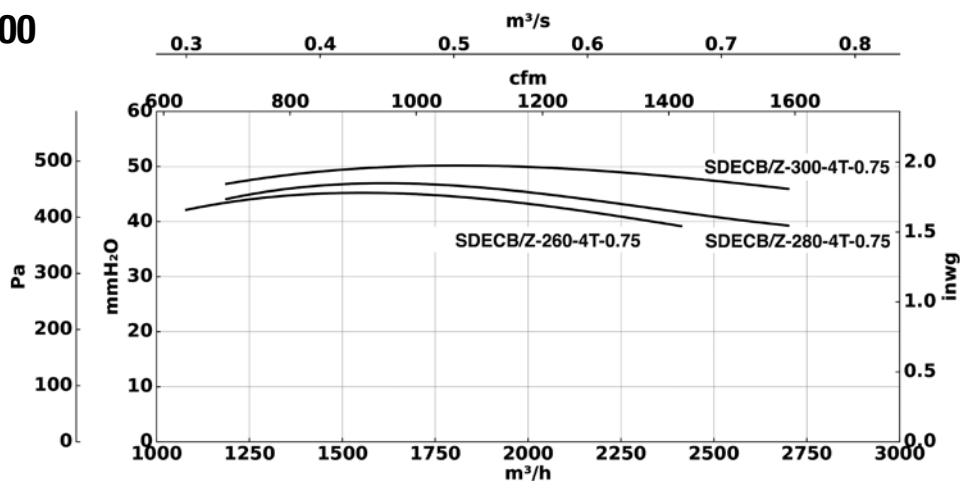
MOD.	kW	r.p.m	A	B	F	G	D	a x b	Kg
SDECB/Z-160-2T-0.75	0.55	2810	411	290	138	57	127	103 x 110	15
SDECB/Z-160-4T-0.25	0.18	1340	411	290	138	57	127	103 x 110	15
SDECB/Z-260-4T-0.75	0.55	1360	470	370	170	71	190	199 x 138	26
SDECB/Z-280-4T-0.75	0.55	1360	470	434	170	72	215	210 x 140	29
SDECB/Z-300-4T-0.75	0.55	1360	515	520	235	92	207	199 x 180	32
SDECB/Z-330-4T-1.5	1.10	1380	530	490	210	92	237	261 x 180	36
SDECB/Z-380-4T-3	2.20	1410	670	610	280	112	270	254 x 220	58
SDECB/Z-400-4T-4	3.00	1410	700	670	300	112	300	280 x 240	73

Characteristic curves

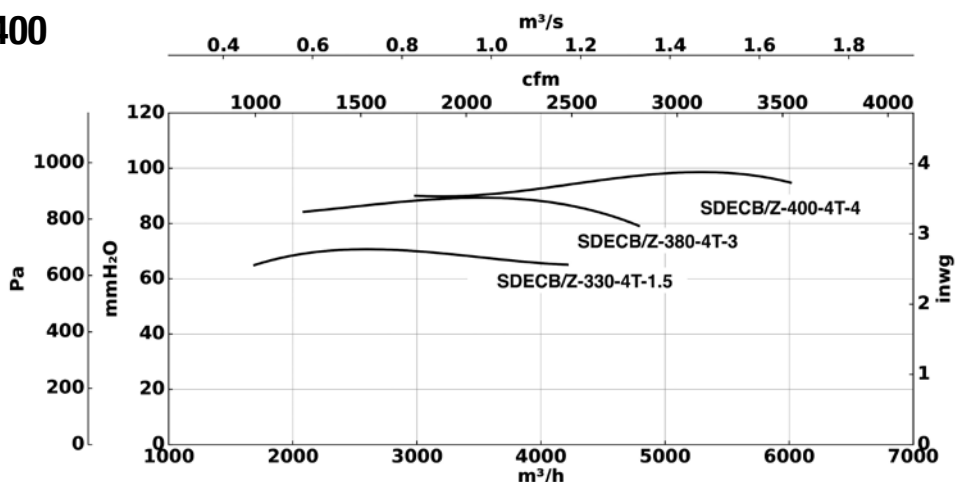
SDECB/Z 160



SDECB/Z 260...300



SDECB/Z 330...400



Total pressure

Flow margin $\pm 5\%$

Noise level margin $+3...5$ db

Margin of kW absorbed $\pm 3\%$