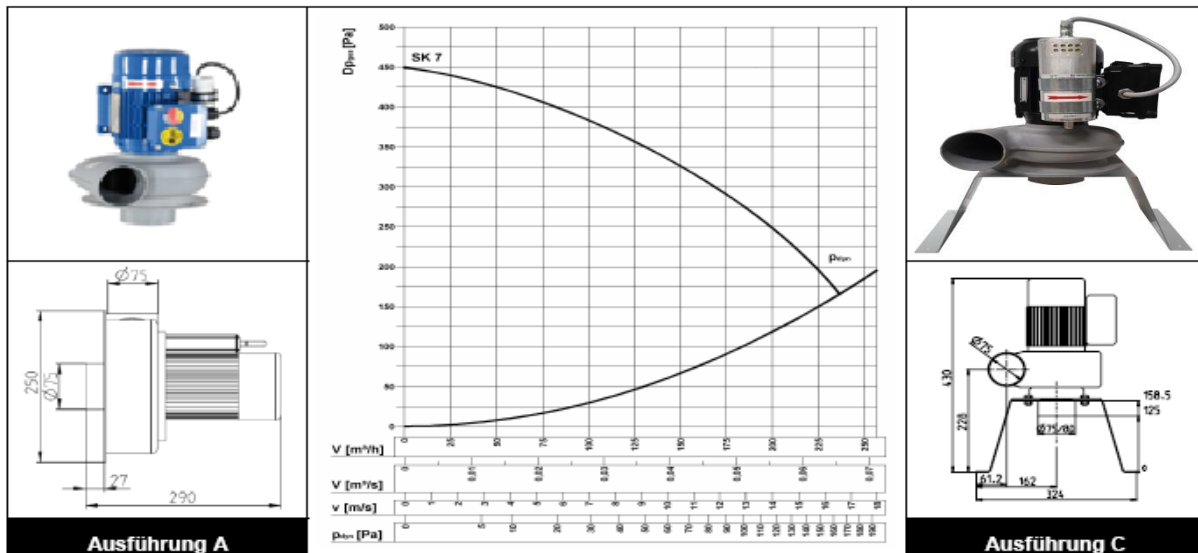


(Small-) radial ventilators



- Small ventilators are corrosion-resistant radial ventilators with intake on one side
- Fields of application are, for example, small fume hoods, chemical cabinets, table exhaust air suction units, etc.
- Due to their compact design in conjunction with their very low weight, these radial ventilators can be easily installed and removed everywhere
- We basically recommend Design A – together with the matching exhaust muffs of the safety cabinet to be operated (see list of accessories). The ventilator is mounted directly on the cabinet, without any great outlay (there is no additional piping necessary to make the connection between the exhaust muff and ventilator).

Range of performance:	Volume flow is up to 200m ³ /h, total pressure up to 250Pa
Material:	Housing and impeller made of PP in the injection moulding process
Impeller:	12 forward-curved blades
Sound pressure level:	approx. 50 - 58 dB(A) (at a distance of one metre, with suction and pressure line connected)
Weight:	approx. 6 kg
Housing A:	Connection on suction side: DN75/80 conical Connection on pressure side: DN75
Housing C:	Connection on suction side: DN75/80 conical Connection on pressure side: DN75 With mounting foot for wall / ceiling attachment

Technical data

Article Number	Power V/Hz	Impeller- ϕ mm	Speed rpm ⁻¹	Displaced volume m ³ /h	Power cons. W	Max. Power A
B80-2839-A; B80-2844-A	230 / 50	120	3000	up to 200	90	0,68
B80-2847-A; B80-2848-A	230 / 50	120	2800	up to 200	120	1,07
B80-2841-A; B80-2846-A	400 / 50	120	2800	up to 100	180	0,47

Article Number	Temperature class	Sound press. level	Protective system	Total pressure	Net weight
B80-2839-A; B80-2844-A		52 - 58 dB ²⁾	IP 55	250 - 140 Pa	approx. 6,0 kg
B80-2847-A; B80-2848-A	T 4	52 - 58 dB ²⁾	IP 55	250 - 140 Pa	approx. 6,0 kg
B80-2841-A; B80-2846-A	T 4	52 - 58 dB ²⁾	IP 55	239 Pa	approx. 6,0 kg

1) Motor execution B80-2841-A; B80-2846-A; B80-2847-A; B80-2848-A : Explosion protected as per Ex e II 2G T4

2) The sound pressure level is measured at a distance of one metre, with suction and pressure line connected!

Here you'll find our article No. for the combination of the execution and motor of your choice:

Article No.:	Motor execution	Housing	Overview:
B80-2839-A	I	A	AC motor (230V) for installation on the cabinet ditto, but installation next to the fan attachment
B80-2844-A	I	C	
B80-2847-A	III	A	AC motor (230 V), in explosion protected version for installation on the fan attachment ditto, but installation next to the fan attachment
B80-2848-A	II	C	
B80-2841-A	III	A	3-phase motor (400 V) in explosion protected version , installation on to the fan attachment
B80-2846-A	III	C	ditto,) in explosion protected version , installation next to the fan attachment

(3) PTO: automatic temperature protection

(4) posistor: signaling unit for explosion-protected ventilators