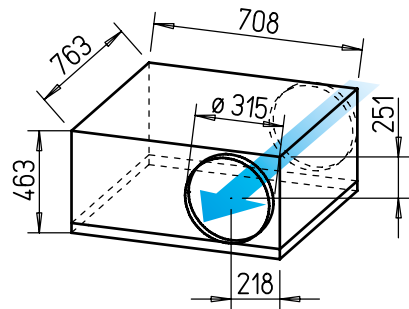


SBD 315



Virtually silent with high volume output and pressure performance. Ideal for cleaning and inspection.

Dimensions SBD 315



Dim. in mm

■ Casing

Designed as a silencer. Equipped with abrasion-resistant, sound-absorbing mineral fibre boards (50 mm). Removable cover with locking clamp. Freely accessible fan. Removable motor-impeller unit. Inlet and outlet side connectors with rubber lip seal corresponds to standard duct Ø. All parts made of galvanised steel sheet.

■ Impeller

With backward curved blades made of high-quality plastic. Dynamically balanced for low-noise operation. Inlet via nozzle.

■ Motor

Enclosed, ball bearing mounted external rotor motor with humidity protection, insulation class F, for continuous operation, maintenance-free and radio interference-free.

■ Motor protection

With external thermal contacts on the terminal block, which must be wired to the motor protection circuit breaker (see type table).

■ Power control

Possible through voltage reduction using 5-step transformer or electronic (continuously variable).

■ Electrical connection

Terminal box (IP54) mounted to external cable (ca. 60 cm long).

■ Protection category

IP54.

■ Installation

No restrictions in any position (horizontal, vertical, diagonal) through corresponding installation for supply or extract ventilation.

■ Noise

The total level and range are specified above the performance diagram for

- ☐ Case-radiated sound power
- ☐ Inlet/outlet side sound power in dB(A).
- ☐ The case-radiated noise as sound pressure at 1 m (free field conditions) are also specified in the type table.

Type	Ref. no.	Flow rate	Rated speed	Sound	Power	Power consump.		Wiring diagram	Max air flow temp.		Weight net approx.	Speed controller 5-step			
		Free blowing		press. case radiation	consum.	at rated voltage	with control		at rated voltage	with control		without motor prot. circ. breaker	with motor prot. circ. breaker		
		Ṃ m³/h	min ⁻¹	db(A) in 1m	W	A	A	No.	+ °C	+ °C	kg	Type	Ref. no.	Type	Ref. no.
Type SBD, Three-phase current motor, 230/400 V, 50 Hz, IP54															
SBD 315 A	09718	2200	1350	47	215	0.73/0.42	0.44	860	60	60	46.0	TSD 0.8 ¹⁾	01500	RDS 1	01314

¹) Motor protection circuit breaker required, Type MD, No. 05849, see accessories.