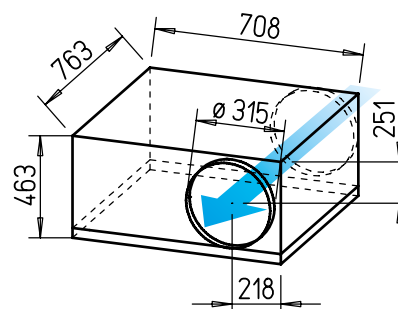


**SBD 315**



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**

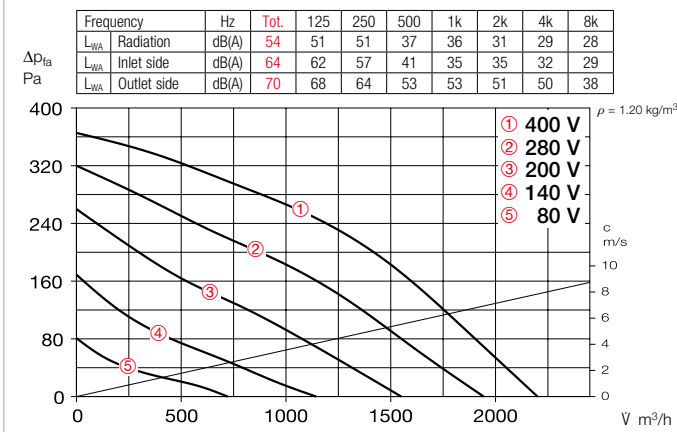
The total level and range are specified above the performance diagram for

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

<sup>1)</sup> Motor protection circuit breaker required, Type MD, No. 05849, see accessories.

Performance curves SBD 315 A



Accessory details Page

Filters, heating elements and silencers	481 ff.
Temperature control systems for heating elements	487, 491 ff.
Flexible ventilation ducts, ventilation grilles, fittings, roof outlets	561 ff.
Disc valves	582 ff.
Universal control system, electronic controllers, speed potentiometer	613 ff.

Accessories

Flexible connecting sleeve

**FM 315** Ref. no. 01674  
Includes 2 hose clamps; for installation between fan and duct system. Prevents structure-borne noise transmission and bridges installation tolerances.  
2 pcs required for inlet and outlet side application.



External wall shutter

**VK 315** Ref. no. 00760  
Automatic made of plastic, light grey.



External wall cover grille

**RAG 315** Ref. no. 00752  
For placement in front of air inlet and outlet openings in facades. Made of plastic, light grey.



Protection grille

**SGR 315** Ref. no. 05068  
For inlet and outlet side installation. Made of galvanised steel.



Duct shutter

**RSK 315** Ref. no. 05674  
Automatic, made of metal.



Flexible cross talk silencer

**FSD 315** Ref. no. 00681  
Made of aluminium pipe with double-sided plug-in connectors. Sound insulation lining 50 mm thick, installation length 1 m.



Air filter box

**LFBR 315 Coarse 70%\*** 08581  
**LFBR 315 ePM1 50%\*** 08535  
Air filter with large surface area, for installation in pipeline.

Electric heating element

**EHR-R 6/315** 6.0 kWNo. 08713  
– with integrated temp. control  
**EHR-R 6/315 TR** 6.0 kWNo. 05301  
Room or duct sensor (TFK/TFR, Accessories) required.



Temperature control system for electric heating element

**EHR-R**  
**EHS** Ref. no. 05002



Warm water heating element

**WHR 315** Ref. no. 09484  
Compact heat exchanger for installation in duct system.



Temperature control system for warm water heating element

**WHS HE** Ref. no. 08319



\* See product page 484 for detailed description.