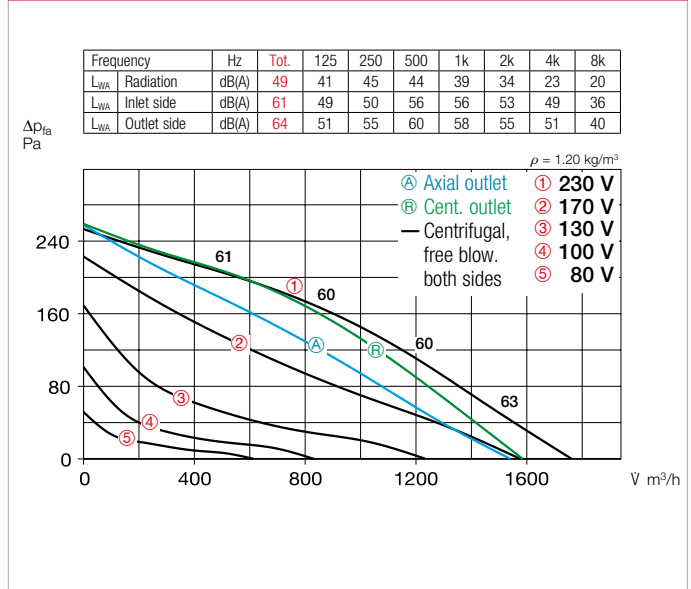


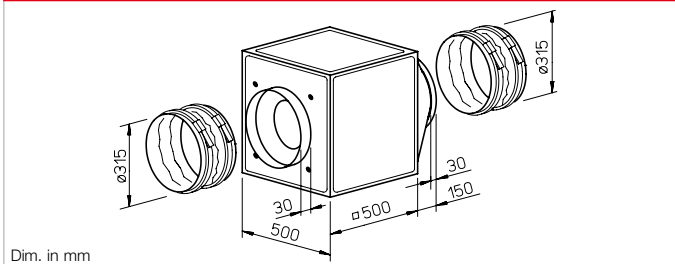
**GB 315**



**Performance curves GBW 315/4**



**Dimensions GB 315**



**Casing**

Self-supporting frame construction made of aluminium hollow profiles. Double-walled, 20 mm thick side panels made of galvanised steel sheet, sound and heat insulated by non-flammable mineral wool lining. Nozzle on inlet side for optimal inflow as well as connectors and flexible connecting sleeve (for the respective max. permissible air flow temperature) for duct connection. Moulded part (square to round) on outlet side for low-loss outflow and flexible connecting sleeve to prevent structure-borne noise transmission. Simple positioning with standard crane hook.

**Impeller**

Free-running high performance centrifugal impeller made of steel with backward curved blades on galvanised steel plate, directly driven. Energy-efficient with low noise emission. Dynamically balanced together with

the motor in accordance with DIN ISO 21940-11 – quality grade 6.3.

**Drive**

Through maintenance-free, speed-controllable external rotor motor in protection category IP44. Ball bearing mounted, radio interference-free.

**Electrical connection**

Standard terminal box (IP54) on motor.

**Motor protection**

Through built-in thermal contacts wired in series to the winding, automatic deactivation and reactivation after cooling.

**Power control**

Through voltage reduction using 5-step transformer or electronically speed-controllable. Performance levels are shown in the performance curve as an example.

**Installation**

Any installation position and flexible installation due to five possible outlet directions of the outlet fitting.

The wall bracket (accessories) must be used for wall installation. Protected outdoor installation possible with weather protection cover and grille (accessories)

**Noise**

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

- Case-radiated sound power
  - Inlet side sound power
  - Outlet side sound power
- The inlet side sound power level is also specified above the nominal performance curve in the performance diagram.
- The case-radiated noise as sound pressure at 4 m (free field conditions) is also specified in the type table.

**Accessories**

**Vibration dampers** for indoor installation. 1 set = 4 pcs.  
**SDD-U** Ref. no. 05627

**Wall bracket** for wall installation.  
**GB-WK 315** Ref. no. 05625

**Weather protection grille** for outlet-side coverage.  
**GB-WSG 315** Ref. no. 05638

**Weather protection cover** for protected outdoor installation.  
**GB-WSD 315** Ref. no. 05747

**Condensate tray** with drain connectors (central) for duct/hose connection.  
**GB-KW 315** Ref. no. 05643

References	Page
Planning information	14 ff.
General techn. information, power control	19 ff.
Accessory details	Page
Speed contr., controllers	599 ff.

Type	Ref. no.	Max. flow rate	Rated speed	Case-rad. sound pressure	Power consumption	Current consumption at rated voltage	Current consumption in control mode	Wiring diagram	Maximum air flow temp. at control	Weight net aprx.	Transformer speed controller 5-step without motor protection circuit breaker
		$\text{m}^3/\text{h}$	$\text{min}^{-1}$	dB(A) in 4m	kW	A	A	No.	+ °C	kg	Type Ref. no.
<b>Alternating current, 1~, 230 V, 50 Hz, Capacitor motor, protection category IP44</b>											
<b>GBW 315/4</b>	05510	1760	1230	29	0.123	0.55	0.55	923	55	55	<b>TSW 1.5</b> 01495