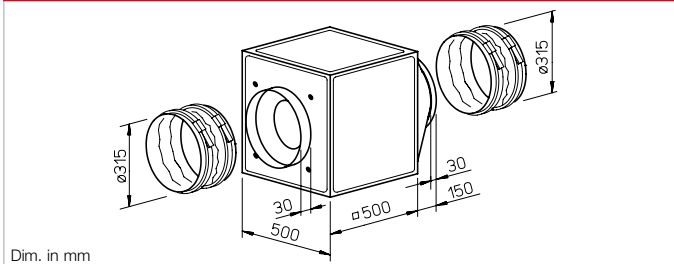


GB 315


Any installation position and location due to five possible outlet directions.

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, 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

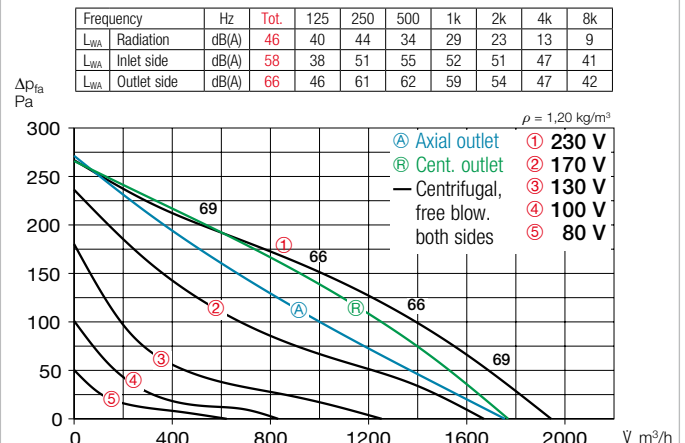
Standard terminal box (IP54) on motor.

Motor protection

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

Power control

Speed-controllable through voltage reduction using a 5-step transformer. Performance levels are shown in the performance curve as an example.

Performance curves GBW 315/4

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.
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Accessory details	Page
Speed contr., controllers	601 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 Rat. vol.	Weight net appr.	Transformer speed controller 5-step without motor protection circuit breaker
		m^3/h	min^{-1}	dB(A) in 4m	kW	A	A	No.	+ °C	kg	Type Ref. no.
Alternating current, 1~, 230 V, 50 Hz, Capacitor motor, protection category IP44											
GBW 315/4	05510	1940	1200	24	0.124	0.56	0.56	923	60	60	TSW 1.5 01495