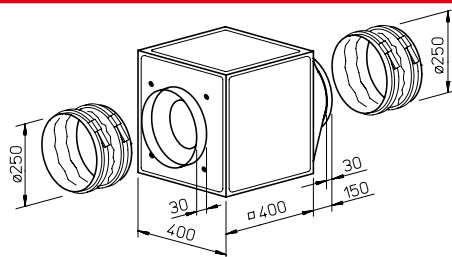


GB 250



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

Dimensions GB 250



■ 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 2.5.

■ 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.

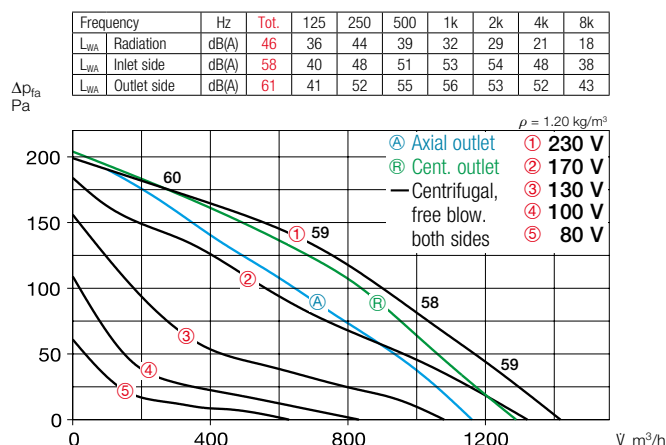
■ Motor protection

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 250/4



■ Accessories

Vibration dampers for indoor installation. 1 set = 4 pcs.

SDD-U Ref. no. 05627

Wall bracket for wall installation.

GB-WK 250 Ref. no. 05625

Weather protection grille for outlet-side coverage.

GB-WSG 250 Ref. no. 05637

Weather protection cover for protected outdoor installation.

GB-WSD 250 Ref. no. 05746

Condensate tray with drain connectors (central) for duct/hose connection.

GB-KW 250 Ref. no. 05642

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		Wiring diagram	Maximum air flow temp. at		Weight net aprx.	Transformer speed controller 5-step without motor protection circuit breaker	
						at rated voltage	in control mode		Rat. vol.	control			
		Ų m³/h	min ⁻¹	dB(A) in 4m	kW	A	A	No.	+ °C	+ °C	kg	Type	Ref. no.
Alternating current, 1~, 230 V, 50 Hz, Capacitor motor, protection category IP44													
GBW 250/4	05509	1420	1340	26	0.095	0.44	0.44	923	70	70	18.0	TSW 1.5	01495