

MB 250

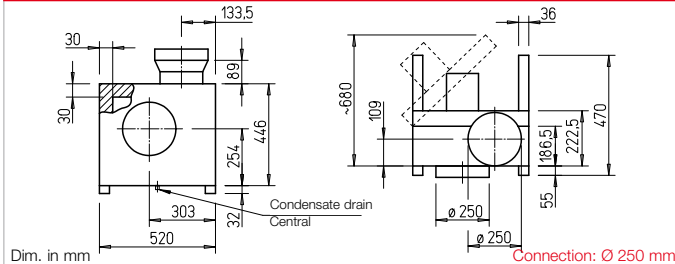


(Fig. similar)

Also available
in version:



Dimensions MB 250



■ Casing

See page 322.

■ Impeller

Backward curved high performance centrifugal impeller made of aluminium, forward curved and made of galvanised steel for explosion-proof types. Dynamically balanced together with the motor. High efficiency, low noise, aerodynamically optimised casing.

■ Drive

Through maintenance-free, speed-controllable IEC flange motor in protection category IP55. Ball bearing mounted, radio interference-free.

■ Electrical connection

Standard terminal box (IP55) mounted to external cable, on outside of motor for explosion-proof types.

■ Motor protection

With external thermal contacts on the terminal block, which must be wired to the motor protection circuit breaker.

■ Power control

See page 322.

■ Accessories

Wall bracket made of galv. steel sheet.

MB-WK EC250 Ref. no. 05526

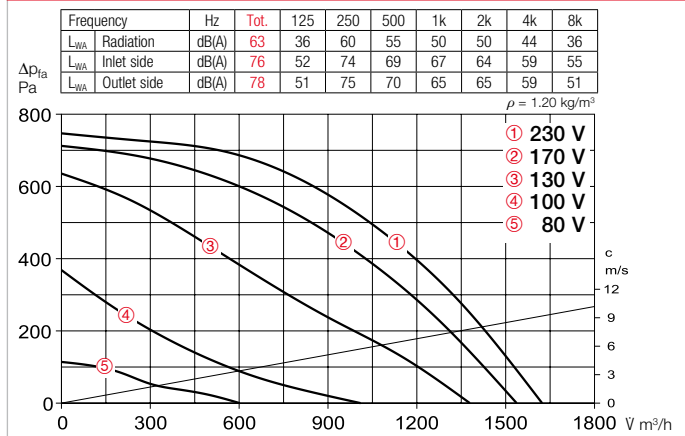
Wall bracket for Ex types.

MB-WK 250 Ref. no. 05527

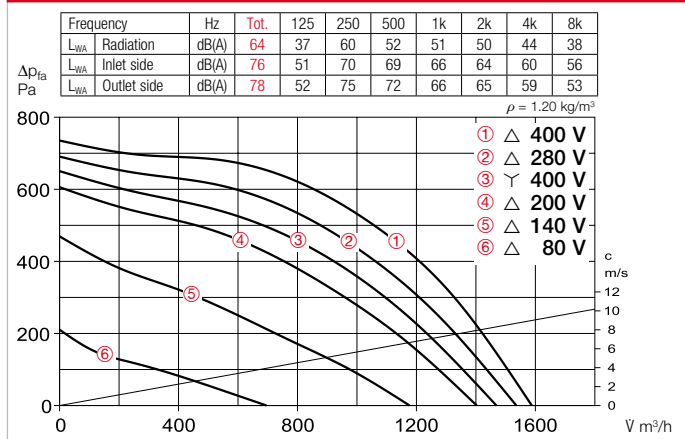
Weather protection cover (galv. steel sheet), mounted above motor.

MB-WSD Ref. no. 01856

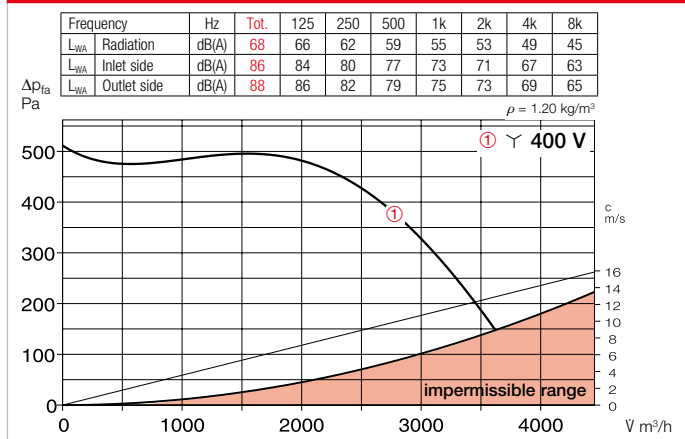
Performance curves MBW 250/2



Performance curves MBD 250/2/2



Performance curves MBD 250/4 Ex



Flexible connecting sleeve for installation between fan and duct.

FM 250 (+70 °C) No. 01672

FM 250 T120 (+120 °C) No. 01655

FM 315 Ex No. 01690

Speed switch and on/off switch for two-speed Y/Δ switchable three-phase current fans.

DS 2³⁾ Ref. no. 01351

Type	Ref. no.	Flow rate free blowing	Rated speed	Case-rad. sound pressure	Power consumption*	Current consumption*	Wiring diagram	Max. air flow temperature	Weight net appr.	Transformer speed controller 5-step	Mot. prot. circ. break. for connecting built-in thermal contacts
		V m³/h	min⁻¹	dB(A) at 1m	kW	A at rated voltage A in contr. mode	No.	°C °C	kg	with motor prot. circuit breaker w/o motor prot. circuit breaker	
										Type Ref. no. Type Ref. no. Type Ref. no.	
Alternating current, 230 V, 50 Hz, Capacitor motor, protection category IP55											
MBW 250/2	06458	1620	2840	55	0.30	1.40 2.10	1119	100 60	28.0	MWS 3 01948 TSW 3.0 01496 MW 1)	01579
Two-speed, three-phase current motor, 400 V, 50 Hz, Y/Δ connection, protection category IP55											
MBD 250/2/2	06459	1470/1600	2500/2820	53/56	0.23/0.29	0.40/0.70 0.70	520	100 60	28.0	RDS 1 01314 TSD 0.8 3) 01500 M 4 2)	01571
Ex Explosion-proof, II 2G Ex h IIB T3 Gb, motor Ex e, three-phase current 400 Volt, 50 Hz, protection category IP55											
MBD 250/4 Ex 4)	06014	4140	1440	62	1.50	3.40	470	40	52.0	Not permitted	Not permitted

* For Ex types: Motor ratings, see info p. 20.

1) Incl. operating switch.

2) Incl. operating and speed switch. 3) Req. motor protection circuit breaker: Type MD, No. 05849.

4) Dimensional drawing at www.HeliosSelect.de..