

**MB 225**

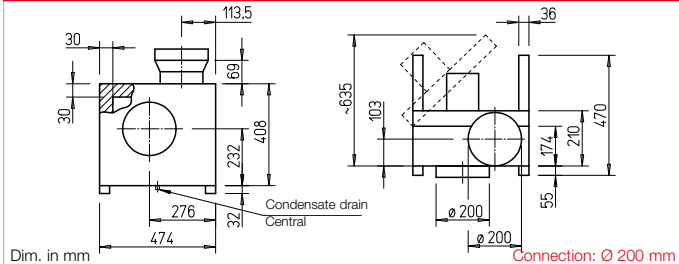


(Fig. similar)

Also available  
 in version:



**Dimensions MB 225**



**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 EC225** Ref. no. 05526

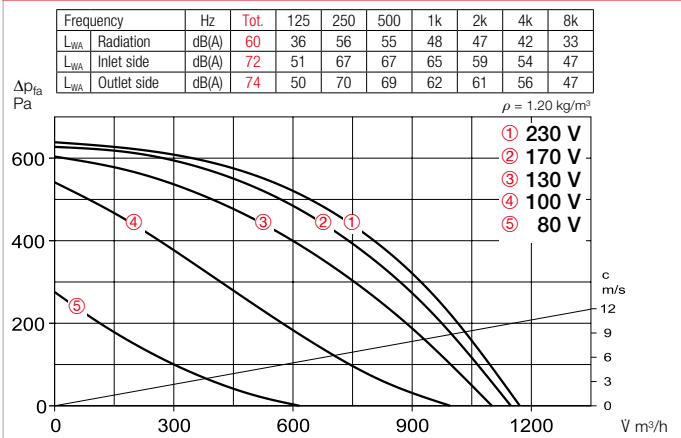
Wall bracket for Ex types.

**MB-WK 225** Ref. no. 05527

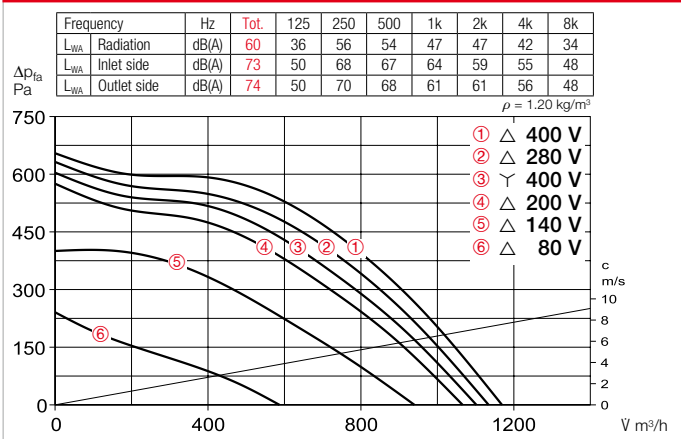
Weather protection cover (galv. steel sheet), mounted above motor.

**MB-WSD** Ref. no. 01856

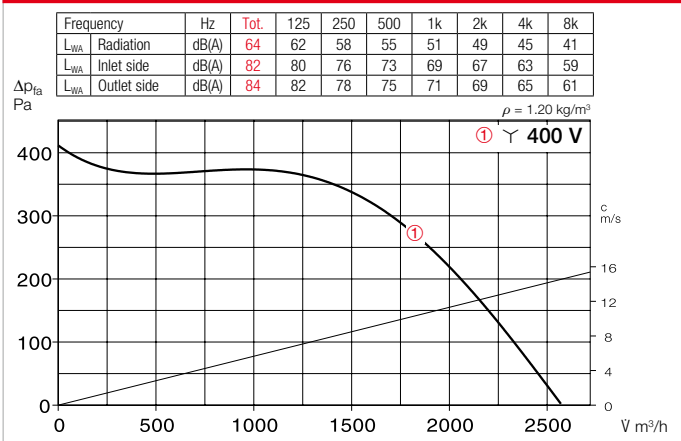
**Performance curves MBW 225/2**



**Performance curves MBD 225/2/2**



**Performance curves MBD 225/4 Ex**



Flexible connecting sleeve for installation between fan and duct.

**FM 200** (+70 °C) No. 01670

**FM 200 T120** (+120 °C) No. 01654

**FM 250 Ex** No. 01688

Speed switch and on/off switch for two-speed  $\nabla/\Delta$  switchable three-phase current fans.

**DS 2<sup>3)</sup>** Ref. no. 01351

Type	Ref. no.	Flow rate free blowing V m³/h	Rated speed min <sup>-1</sup>	Case-rad. sound pressure dB(A) at 1m	Power consumption* kW	Current consumption*		Wiring diagram No.	Max. air flow temperature		Weight net aprx. kg	Transformer speed controller 5-step				Mot. prot. circ. break for connecting built-in thermal contacts Type Ref. no.	
						at rated voltage A	in contr. mode A		Rat. vol. + °C	Control + °C		with motor prot. circuit breaker Type Ref. no.	w/o motor prot. circuit breaker Type Ref. no.				
<b>Alternating current, 230 V, 50 Hz, Capacitor motor, protection category IP55</b>																	
<b>MBW 225/2</b>	06456	1170	2900	52	0.21	1.10	1.80	1119	100	60	25.0	<b>MWS 3</b>	01948	<b>TSW 3.0</b>	01496	<b>MW</b> <sup>1)</sup>	01579
<b>Two-speed, three-phase current motor, 400 V, 50 Hz, <math>\nabla/\Delta</math> connection, protection category IP55</b>																	
<b>MBD 225/2/2</b>	06457	1100/1170	2675/2885	49.52	0.16/0.20	0.29/0.57	0.57	520	100	60	25.0	<b>RDS 1</b>	01314	<b>TSD 0.8</b> <sup>3)</sup>	01500	<b>M 4</b> <sup>2)</sup>	01571
<b>Ex Explosion-proof, II 2G Ex h IIB T3 Gb, motor Ex e, three-phase current 400 Volt, 50 Hz, protection category IP55</b>																	
<b>MBD 225/4 Ex</b> <sup>4)</sup>	06011	2770	1445	56	0.75	3.20	-	470	40	-	40	Not permitted		Not permitted		-	

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

<sup>1)</sup> Incl. operating switch.

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

<sup>4)</sup> Dimensional drawing at www.HeliosSelect.de.