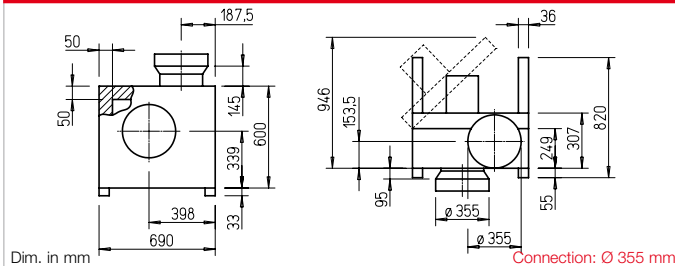


MB 315



Dimensions MB 315



Casing

See page 322.

Impeller

Backward curved high performance centrifugal impeller made of aluminium, mounted directly on motor shaft. High efficiency, low noise, aerodynamically optimised volute casing. Dynamically balanced in accordance with DIN ISO 21940-11 – quality grade 6.3.

Drive

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

Electrical connection

Standard terminal box (IP55) mounted to external cable, on outside of motor for type MBD 315/2/2.

Motor protection

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

Power control

All types are speed-controllable using voltage reduction by means of transformer (accessories). The 3~ types can also be operated at two speeds using a Y/Δ switch or motor protection circuit breaker M 4. Performance levels are shown in the performance diagram.

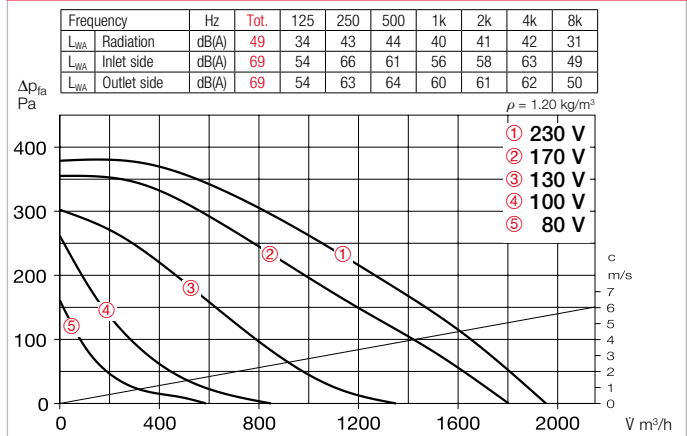
Accessories

Wall bracket made of galv. steel sheet.

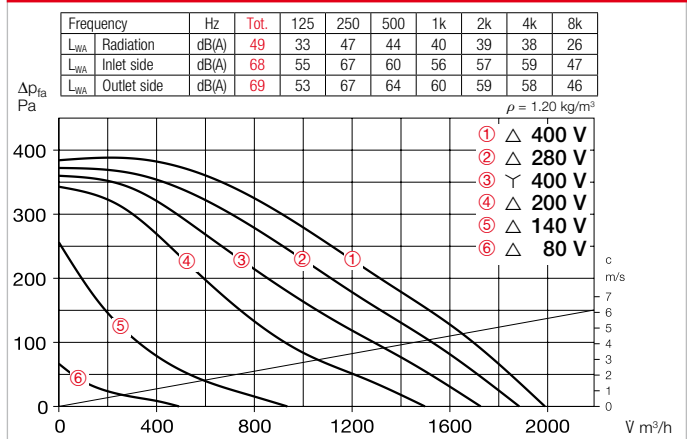
MB-WK 315 Ref. no. 05528

Weather protection cover (galv. steel sheet), mounted above motor.
MB-WSD Ref. no. 01856

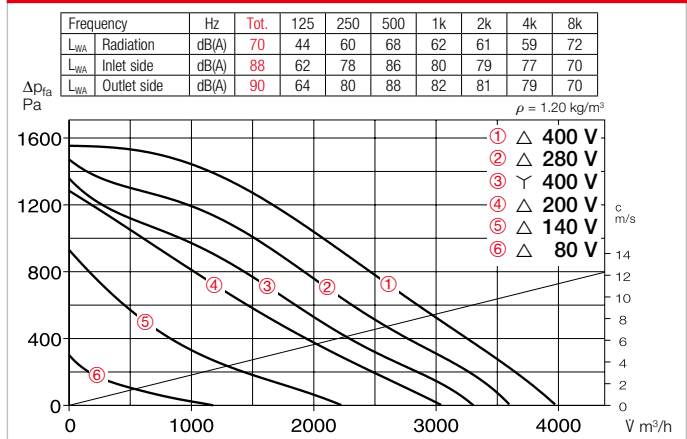
Performance curves MBW 315/4



Performance curves MBD 315/4/4



Performance curves MBD 315/2/2



Flexible connecting sleeve for installation between fan and duct.

FM 355 (+70 °C) No. 01675

FM 355 T120 (+120 °C) No. 01658

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 con- sumption	Current consumption		Wiring diagram	Max. air flow temperature		Weight net aprx.	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	at rated voltage	in contr. mode		Rat. vol..	Control		kg	with motor prot. circuit breaker	w/o motor prot. circuit breaker			
						A	A						No.	+ °C	+ °C		
Alternating current, 230 V, 50 Hz, Capacitor motor, protection category IP55																	
MBW 315/4	05929	1950	1400	41	0.16	0.80	0.97	1119	100	60	72.0	MWS 1.5	01947	TSW 1.5	01495	MW 1)	01579
Two-speed, three-phase current motor, 400 V, 50 Hz, Y/Δ connection, protection category IP55																	
MBD 315/4/4	05945	1730/1990	1180/1430	37/41	0.14/0.16	0.27/0.37	0.46	520	100	60	72.0	RDS 1	01314	TSD 0.8 3)	01500	M 4 2)	01571
MBD 315/2/2	05946	3300/3980	2270/2780	60/64	0.86/1.16	1.40/2.20	2.40	520	100	60	75.0	RDS 4	01316	TSD 3.0 3)	01502	M 4 2)	01571

¹⁾ Incl. operating switch.

²⁾ Incl. operating and speed switch.

³⁾ Req. motor protection circuit breaker: Type MD, No. 05849.