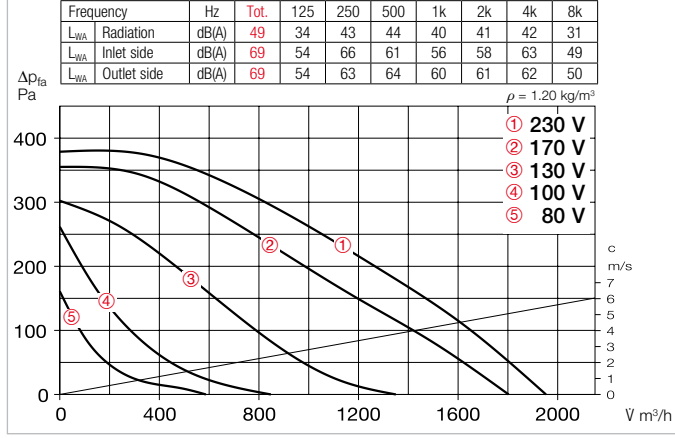
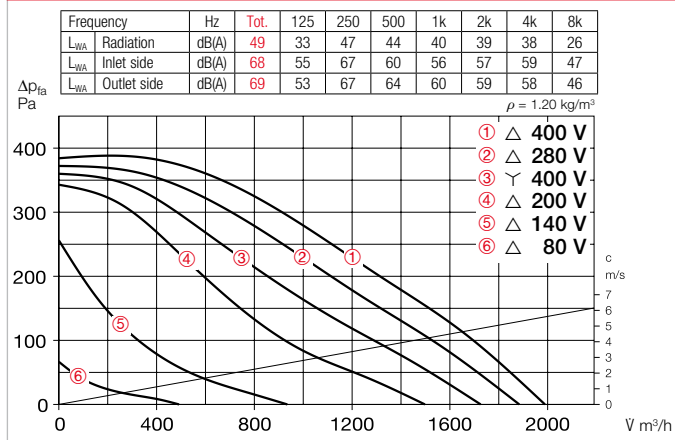


- Casing**  
See page 320.
- Impeller**  
Backward curved high performance centrifugal impeller made of aluminium, mounted directly on motor shaft.  
High efficiency, low noise, aerodynamically optimised volute casing.  
Dynamically balanced in accordance with DIN ISO 21940-11 – quality grade 6.3.
- Drive**  
Through maintenance-free, speed-controllable IEC flange motor in protection category IP55.  
Ball bearing mounted, radio interference-free.
- 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  $\Upsilon/\Delta$  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

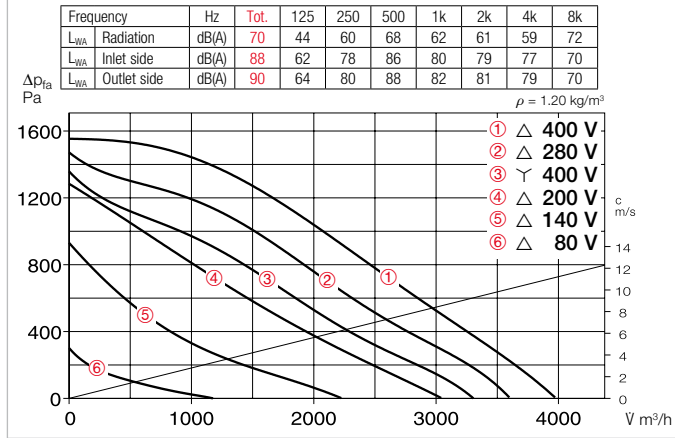
**Performance curves MBW 315/4**



**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  $\Upsilon/\Delta$  switchable three-phase current fans.  
**DS 2<sup>3)</sup>** 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 aprx.	Transformer speed controller 5-step				Mot. prot. circ. break. for connecting built-in thermal contacts	
		V m <sup>3</sup> /h	min <sup>-1</sup>	dB(A) at 1m		kW	at rated voltage		in contr. mode	No.		Rat. vol. °C	Control °C	kg	with motor prot. circuit breaker		w/o motor prot. circuit breaker
<b>Alternating current, 230 V, 50 Hz, Capacitor motor, protection category IP55</b>																	
<b>MBW 315/4</b>	05929	1950	1400	41	0.16	0.80	0.97	1119	100	60	72.0	<b>MWS 1.5</b>	01947	<b>TSW 1.5</b>	01495	<b>MW</b> <sup>1)</sup>	01579
<b>Two-speed, three-phase current motor, 400 V, 50 Hz, <math>\Upsilon/\Delta</math> connection, protection category IP55</b>																	
<b>MBD 315/4/4</b>	05945	1730/1990	1180/1430	37/41	0.14/0.16	0.27/0.37	0.46	520	100	60	72.0	<b>RDS 1</b>	01314	<b>TSD 0.8</b> <sup>3)</sup>	01500	<b>M 4</b> <sup>2)</sup>	01571
<b>MBD 315/2/2</b>	05946	3300/3980	2270/2780	60/64	0.86/1.16	1.40/2.20	2.40	520	100	60	75.0	<b>RDS 4</b>	01316	<b>TSD 3.0</b> <sup>3)</sup>	01502	<b>M 4</b> <sup>2)</sup>	01571

<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.