

# DRD 45/6 B



## Short description

Centrifugal roof fan, vertical air outlet, DN 450, three-phase AC

## Application examples

Production facility, Workplace, Commercial premises, Industrial building, Restaurant

Article number 0087.0111

## Technical data

Air flow volume	6.200 m <sup>3</sup> /h
Rotating speed	930 1/min
Speed controllable	–
Reversing capacity	–
Type of voltage	Alternating current
Rated voltage	400 V
Nominal output	750 W
I <sub>nom</sub>	1,5 A
I <sub>max</sub>	1,7 A
Degree of protection	IP 55
Insulation class	B
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Weight	82
Shutter	integrated
Type of shutter	Airstream-operated opening/closing
Nominal size	450 mm
Airstream temperature at nominal current	60 °C
Airstream temperature at I <sub>Max</sub>	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799871118

## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA5, S1</sub></b> <b>(dB(A))</b>	21	31	34	37	53	29	16	4	53

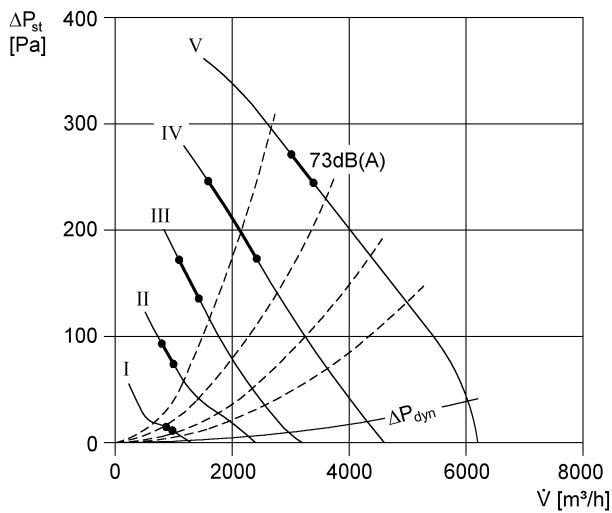
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA5</sub>, S2</b> <b>(dB(A))</b>	42	42	47	46	44	56	33	21	58
<b>L<sub>WA5</sub>, S3</b> <b>(dB(A))</b>	49	49	60	56	51	60	48	32	64
<b>L<sub>WA5</sub>, S4</b> <b>(dB(A))</b>	50	65	63	67	60	58	65	45	72
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	52	72	71	69	67	66	71	56	78
<b>L<sub>WA8</sub>, S1</b> <b>(dB(A))</b>	25	41	38	40	52	30	19	9	53
<b>L<sub>WA8</sub>, S2</b> <b>(dB(A))</b>	45	45	52	51	49	56	39	29	59
<b>L<sub>WA8</sub>, S3</b> <b>(dB(A))</b>	51	50	63	60	58	59	50	45	67
<b>L<sub>WA8</sub>, S4</b> <b>(dB(A))</b>	53	66	65	70	67	62	66	57	75
<b>L<sub>WA8</sub>, S5</b> <b>(dB(A))</b>	56	69	72	75	74	71	73	67	81

L<sub>WA5</sub>= free inlet sound power level in dB.

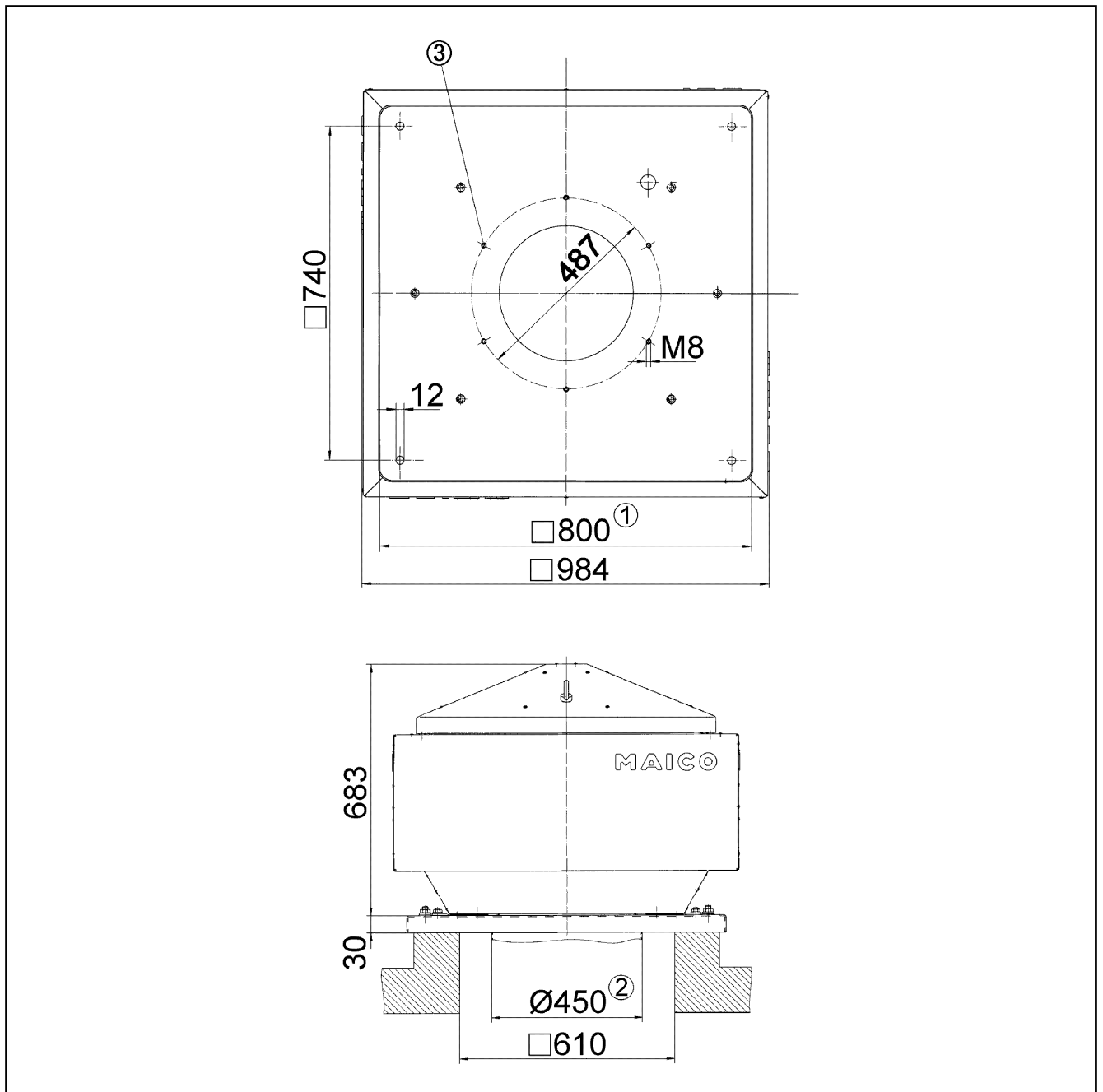
L<sub>WA8</sub>= housing and free outlet sound power level in dB.

## Characteristic curve



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Dimensioned drawing [mm]



- ① Clear width
- ② External duct diameter
- ③ Number of holes: 12