

ERD 25/4 B



Short description

Centrifugal roof fan, vertical air outlet, DN 250, single-phase AC

Application examples

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

Article number 0087.0002

Technical data

Air flow volume	2.100 m³/h
Rotating speed	1.425 1/min
Speed controllable	✓
Reversing capacity	–
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	300 W
I _{nom}	1,3 A
I _{max}	1,3 A
Degree of protection	IP 55
Insulation class	F
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Weight	28,2
Weight including packaging	30,98 kg
Shutter	integrated
Type of shutter	Airstream-operated opening/closing
Nominal size	250 mm
Width with packaging	640 mm
Height with packaging	490 mm
Depth with packaging	640 mm
Airstream temperature at nominal current	-20 °C up to 60 °C
Airstream temperature at I _{Max}	60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799870029

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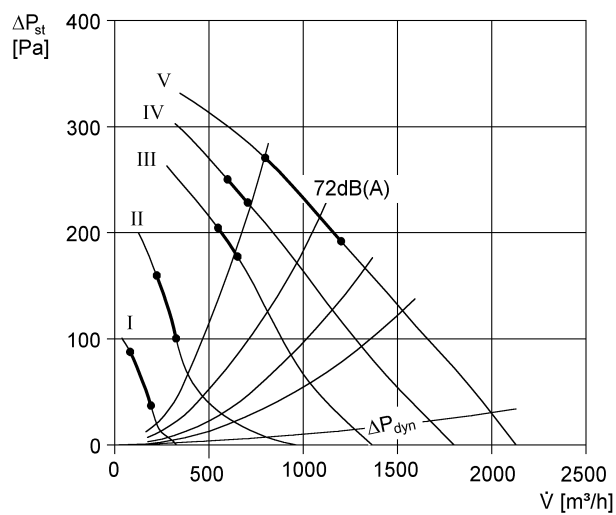
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5, S1} (dB(A))	35	28	32	60	53	35	22	13	54
L_{WA5, S2} (dB(A))	41	42	43	45	48	61	36	23	62
L_{WA5, S3} (dB(A))	40	57	56	55	56	60	64	38	67
L_{WA5, S4} (dB(A))	40	63	63	60	61	60	68	46	71
L_{WA5, S5} (dB(A))	42	64	71	67	64	64	71	51	76
L_{WA8, S5} (dB(A))	43	63	68	68	70	67	70	52	76

L_{WA5}= free inlet sound power level in dB.

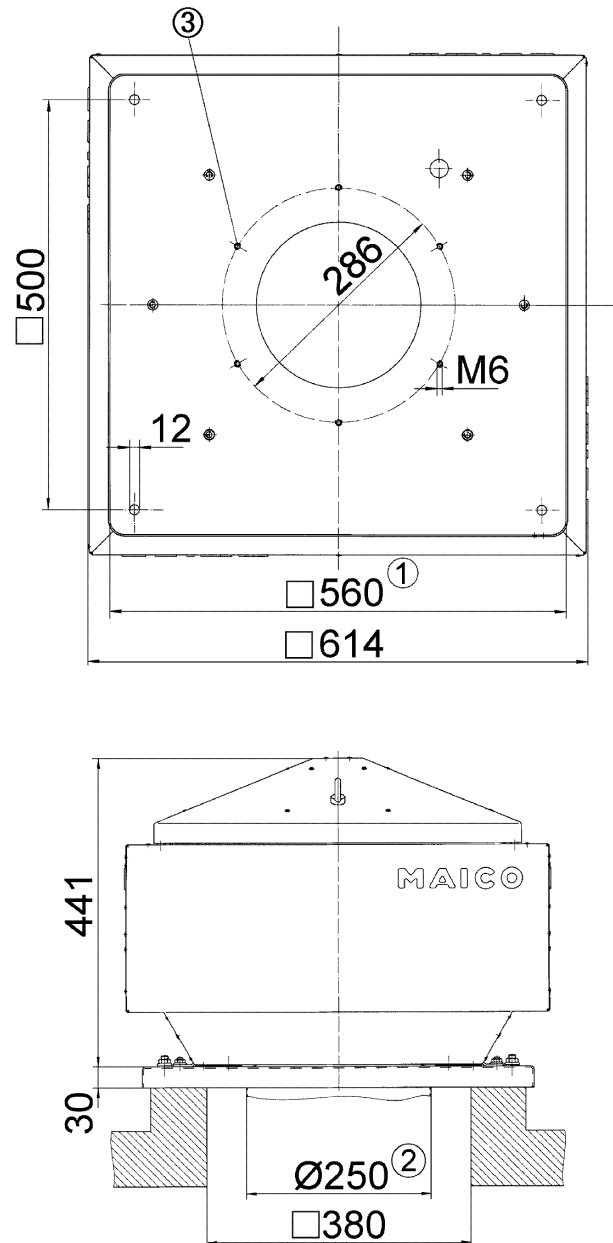
L_{WA8}= housing and free outlet sound power level in dB.

Characteristic curve



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Dimensioned drawing [mm]



- ① Clear width
- ② External duct diameter
- ③ Number of holes: 6