

DRD 18/4 B



Short description

Centrifugal roof fan, vertical air outlet, DN 180, three-phase AC

Application examples

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

Article number 0087.0100

Technical data

Air flow volume	800 m ³ /h
Rotating speed	1.450 1/min
Speed controllable	–
Reversing capacity	–
Rated voltage	400 V
Nominal output	60 W
I _{nom}	0,15 A
I _{max}	0,15 A
Degree of protection	IP 55
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Weight	21 kg
Weight including packaging	23,3 kg
Shutter	integrated
Type of shutter	Airstream-operated opening/closing
Nominal size	180 mm
Width with packaging	535 mm
Height with packaging	435 mm
Depth with packaging	535 mm
Airstream temperature at nominal current	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799871002

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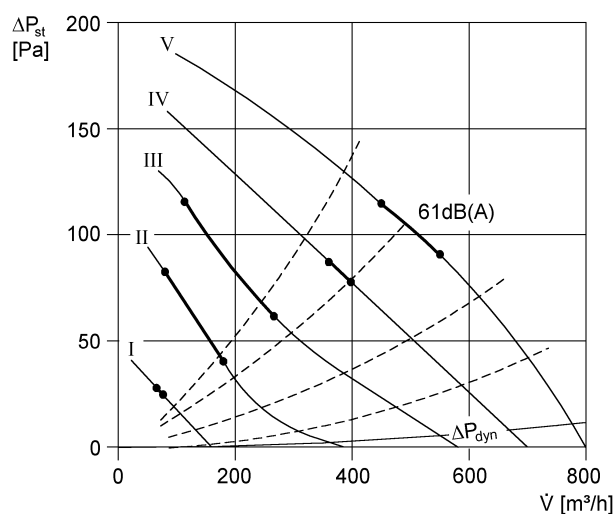
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5, S1} (dB(A))	20	20	24	31	51	28	21	15	51
L_{WA5, S2} (dB(A))	25	37	38	44	46	55	34	25	56
L_{WA5, S3} (dB(A))	27	41	45	46	50	60	44	33	61
L_{WA5, S4} (dB(A))	30	45	50	51	54	59	59	39	63
L_{WA5, S5} (dB(A))	32	45	55	55	57	57	62	42	65
L_{WA8, S1} (dB(A))	21	23	26	35	51	31	26	21	51
L_{WA8, S2} (dB(A))	26	37	39	45	49	57	35	29	58
L_{WA8, S3} (dB(A))	28	44	46	51	54	60	44	35	61
L_{WA8, S4} (dB(A))	31	47	50	56	58	59	57	39	64
L_{WA8, S5} (dB(A))	33	48	54	59	61	61	60	43	67

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

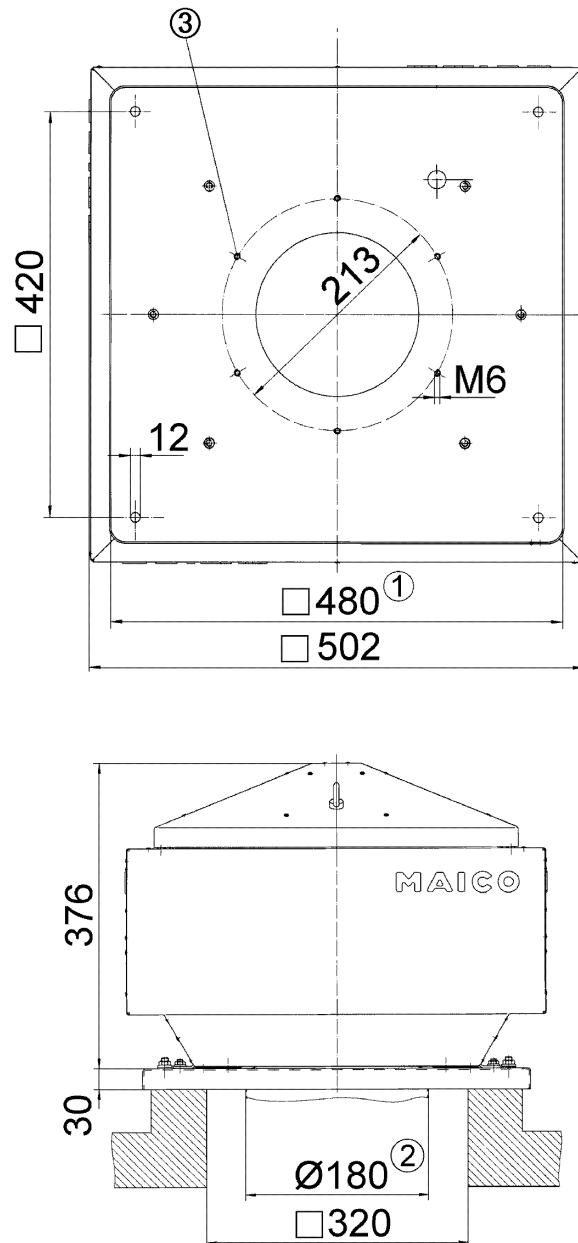
L_{WA8}= housing and free outlet sound power level in dB.

Characteristic curve



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Dimensioned drawing [mm]



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