

DRD 31/6 B



Short description

Centrifugal roof fan, vertical air outlet, DN 315, three-phase AC

Application examples

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

Article number 0087.0105

Technical data

Air flow volume	2.200 m ³ /h
Rotating speed	930 1/min
Speed controllable	✓
Reversing capacity	–
Type of voltage	Three-phase AC
Rated voltage	400 V
Nominal output	170 W
I _{nom}	0,4 A
I _{max}	0,4 A
Degree of protection	IP 55
Insulation class	B
Pole-changeable	–
Mains cable	5 x 1,5 mm ²
Installation site	Roof
Installation position	vertical
Material	Sheet steel, galvanised
Weight	40,5
Weight including packaging	45,5 kg
Shutter	integrated
Type of shutter	Airstream-operated opening/closing
Nominal size	315 mm
Width with packaging	750 mm
Height with packaging	580 mm
Depth with packaging	750 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)	4012799871057

DRD 31/6 B

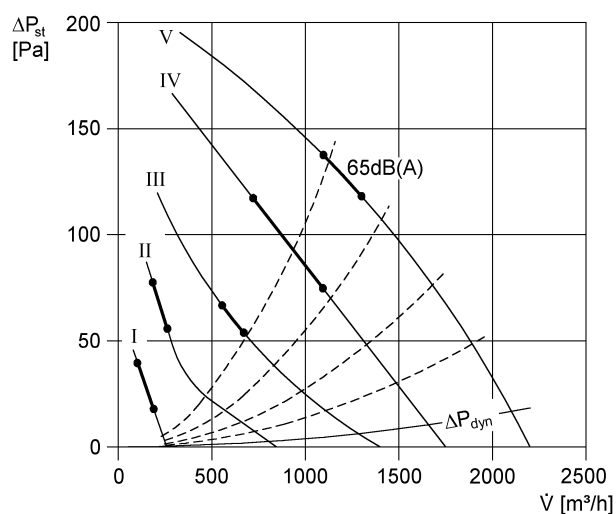
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA5}, S1 (dB(A))	16	21	41	45	50	35	19	10	52
L_{WA5}, S2 (dB(A))	37	32	44	50	54	55	30	19	58
L_{WA5}, S3 (dB(A))	41	40	49	52	55	59	38	27	61
L_{WA5}, S4 (dB(A))	43	55	56	54	55	62	51	35	65
L_{WA5}, S5 (dB(A))	46	58	64	57	58	58	65	42	69
L_{WA8}, S1 (dB(A))	16	27	42	43	50	39	24	16	55
L_{WA8}, S2 (dB(A))	37	36	46	49	54	53	32	20	58
L_{WA8}, S3 (dB(A))	41	42	50	52	55	58	38	26	61
L_{WA8}, S4 (dB(A))	43	57	56	58	55	60	52	36	66
L_{WA8}, S5 (dB(A))	46	60	63	63	58	60	64	43	71

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

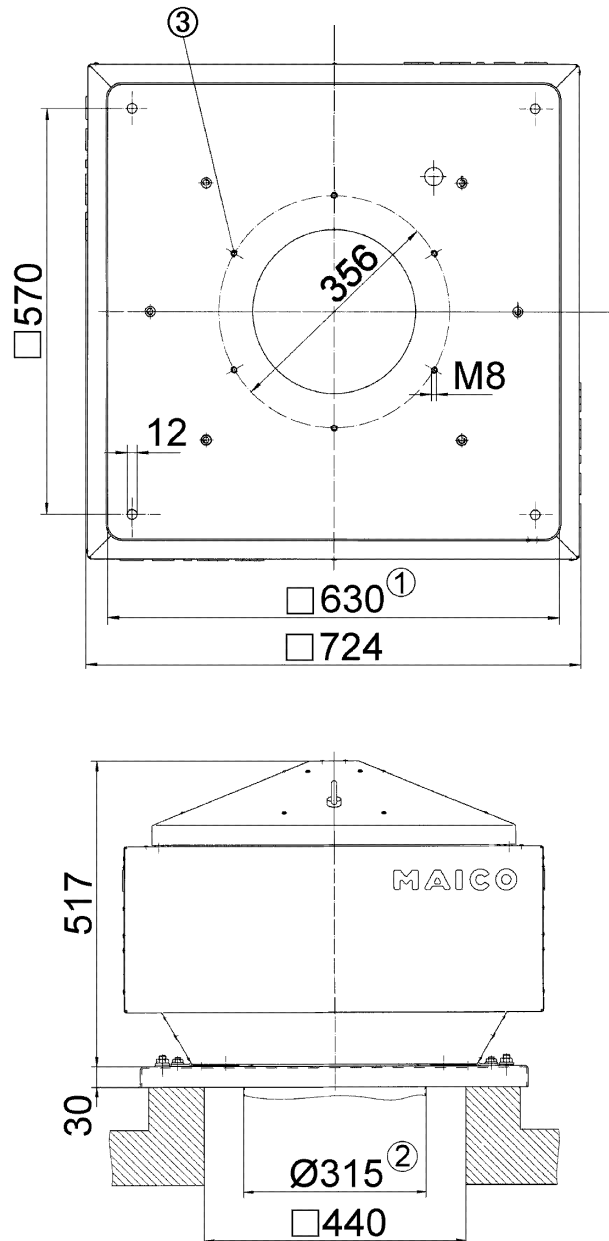
L_{WA8}= housing and free outlet sound power level in dB.

Characteristic curve



DRD 31/6 B

Dimensioned drawing [mm]



- ① Clear width
- ② External duct diameter
- ③ Number of holes: 8