

ESR 31/1



Short description

Sound-insulated ventilation box, DN 315, single-phase AC

Article number 0080.0285

Technical data

Air flow volume	2.000 m ³ /h
Rotating speed	1.940 1/min
Speed controllable	–
Nominal output	500 W
I _{nom}	1,45 A
I _{max}	2,2 A
Degree of protection	IP X4
Insulation class	F
Weight	26,7
Nominal size	315 mm
Airstream temperature at nominal current	55 °C
Airstream temperature at I _{Max}	55 °C (Required Delta p _{st} min = 100 Pa)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799802853

Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S5 (dB(A))	–	49	43	43	38	34	37	33	51
L_{WA5}, S5 (dB(A))	–	54	56	54	55	54	56	51	63
L_{WA6}, S5 (dB(A))	–	54	60	64	72	71	71	67	77

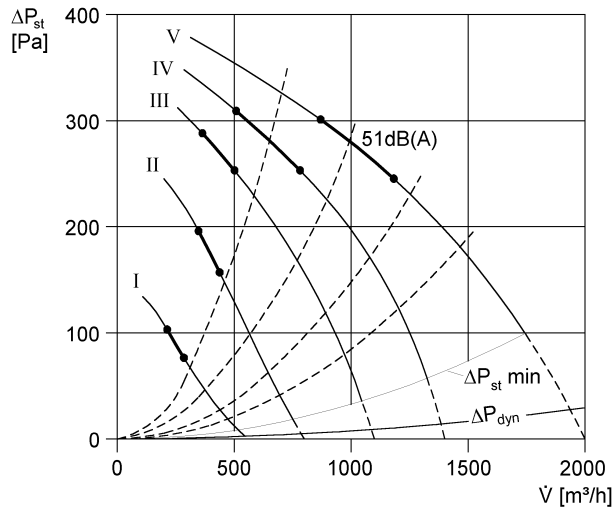
L_{WA2}= housing sound power level in dB.

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

L_{WA6}= free outlet sound power level in dB.

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Characteristic curve



Dimensioned drawing [mm]

