

ESR 16-2 EC



Short description

Sound-insulated ventilation box with EC motor and swivelling fan, DN 160, alternating current

Application examples

Commercial premises, Showroom, Office, Foreman's office, Changing room

Article number 0080.0711

Technical data

Air flow volume	430 m ³ /h
Rotating speed	1.960 1/min
Speed controllable	✓
Rated voltage	230 V
Frequency	50 Hz
Nominal output	35 W
I _{nom}	0,25 A
I _{max}	0,35 A
Degree of protection	IP 44
Insulation class	B
Installation position	vertical / horizontal
Material	Sheet steel, galvanised
Housing material	Sheet steel, galvanised
Colour	Silver
Weight	12,4 kg
Weight including packaging	13,92 kg
Swivelling fan	✓
Nominal size	160 mm
Width	380 mm
Height	232 mm
Depth	447 mm
Width with packaging	400 mm
Height with packaging	270 mm
Depth with packaging	555 mm
Airstream temperature at I _{Max}	-20 °C up to 50 °C
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799807117

ESR 16-2 EC

Sound power level in octave range

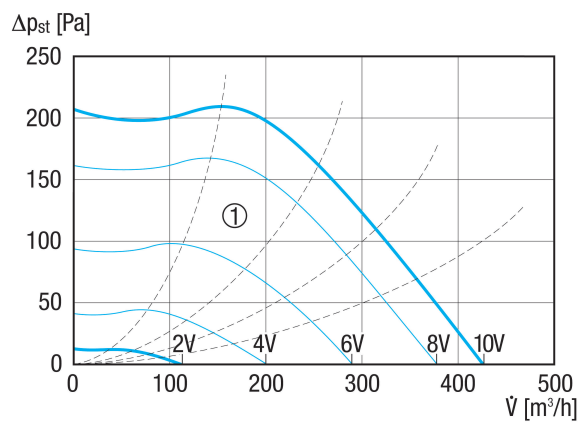
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, high (dB(A))	34	45	43	43	42	41	36	32	50
L_{WA5}, high (dB(A))	40	45	49	51	44	46	41	33	55
L_{WA6}, high (dB(A))	40	51	58	63	66	65	60	55	70

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.

Characteristic curve



① Auxiliary characteristics curves for control voltage 2 - 10 V

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Dimensioned drawing [mm]

