

ESQ 35/4 K



Short description

Sound-insulated radial fan for high temperatures, alternating current, DN 355

Application examples

High temperatures of up to 180°C, Workplace air extraction system, Machine extraction unit

Article number 0080.0071

Technical data

Air flow volume	2.800 m³/h
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	250 W
P _{Max}	250 W
I _{nom}	2,35 A
I _{max}	2,4 A
Degree of protection	IP 55
Insulation class	F
Mains cable	3 x 1,5 mm²
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	56 kg
Weight including packaging	56,48 kg
Swivelling fan	–
Nominal size	355 mm
Width	640 mm
Height	790 mm
Depth	695 mm
Width with packaging	652 mm
Height with packaging	797 mm
Depth with packaging	737 mm
Airstream temperature at nominal current	180 °C
Airstream temperature at I _{Max}	180 °C
Sound pressure level	44 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C

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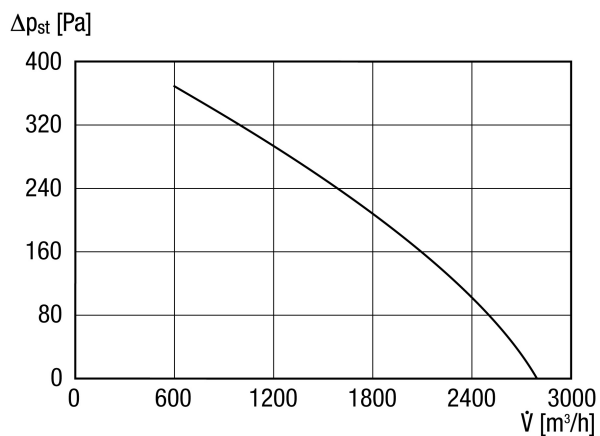
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Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, high (dB(A))	–	51	53	45	44	38	39	35	57
L_{WA5}, high (dB(A))	–	59	65	63	63	60	58	53	70
L_{WA6}, high (dB(A))	–	59	69	71	63	63	66	63	75

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



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Dimensioned drawing [mm]

