

# ESQ 31/4 K



## Short description

Sound-insulated radial fan for high temperatures, alternating current, DN 315

## Application examples

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

Article number 0080.0070

## Technical data

Air flow volume	2.000 m <sup>3</sup> /h
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	120 W
P <sub>Max</sub>	120 W
I <sub>nom</sub>	1,2 A
I <sub>max</sub>	1,2 A
Degree of protection	IP 55
Insulation class	F
Mains cable	3 x 1,5 mm <sup>2</sup>
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	32,5 kg
Weight including packaging	35,45 kg
Swivelling fan	–
Nominal size	315 mm
Width	500 mm
Height	600 mm
Depth	555 mm
Width with packaging	595 mm
Height with packaging	650 mm
Depth with packaging	510 mm
Airstream temperature at nominal current	180 °C
Airstream temperature at I <sub>Max</sub>	180 °C
Sound pressure level	46 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C

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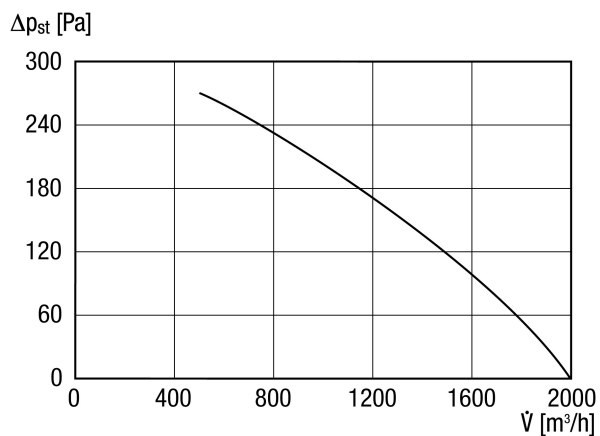
GTIN (EAN)	4012799800705
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## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, high (dB(A))</b>	–	55	49	45	44	37	34	30	53
<b>L<sub>WA5</sub>, high (dB(A))</b>	–	61	59	61	60	57	51	45	67
<b>L<sub>WA6</sub>, high (dB(A))</b>	–	55	63	61	60	57	51	45	69

L<sub>WA2</sub>= housing sound power level in dB.  
 L<sub>WA5</sub>= free inlet sound power level in dB.  
 L<sub>WA6</sub>= free outlet sound power level in dB.

## Characteristic curve



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Dimensioned drawing [mm]

