

ESQ 40/4 K



Short description

Sound-insulated radial fan for high temperatures, alternating current, DN 400

Application examples

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

Article number 0080.0072

Technical data

Air flow volume	4.500 m³/h
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	550 W
P _{Max}	550 W
I _{nom}	4,75 A
I _{max}	4,8 A
Degree of protection	IP 55
Insulation class	F
Mains cable	3 x 1,5 mm²
Housing material	Sheet steel, galvanised
Weight	64 kg
Weight including packaging	64,49 kg
Swivelling fan	–
Nominal size	400 mm
Width with packaging	742 mm
Height with packaging	792 mm
Depth with packaging	652 mm
Airstream temperature at nominal current	180 °C
Airstream temperature at I _{Max}	-10 °C up to 180 °C
Sound pressure level	49 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799800729

ESQ 40/4 K

Sound power level in octave range

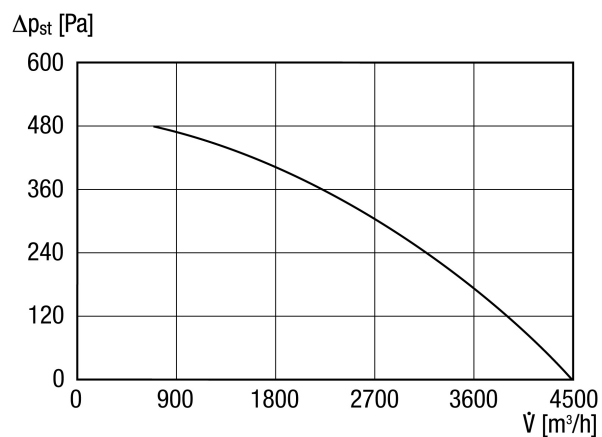
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA2, \text{ high}}$ (dB(A))	–	57	59	50	52	44	43	39	62
$L_{WA5, \text{ high}}$ (dB(A))	–	64	69	66	69	64	60	55	74
$L_{WA6, \text{ high}}$ (dB(A))	–	64	73	72	68	64	59	63	77

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.

Characteristic curve



ESQ 40/4 K

Dimensioned drawing [mm]

