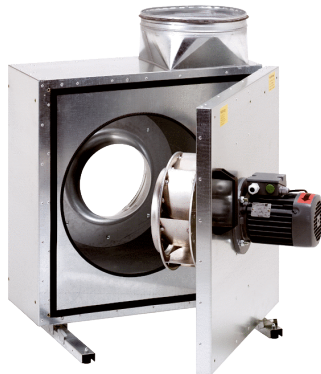


EKR 20



Short description

Sound-insulated ventilation box, DN 200, single-phase AC

Application examples

Extraction hood, Canteen kitchen, Workplace air extraction system, Machine extraction unit

Article number

0080.0919

Technical data

Air flow volume	1.800 m ³ /h
Rotating speed	2.740 1/min
Speed controllable	✓
Type of voltage	Alternating current
Frequency	50 Hz
Nominal output	385 W
I _{nom}	1,5 A
I _{max}	2,3 A
Degree of protection	IP X4
Insulation class	F
Mains cable	5 x 1,5 mm ²
Housing material	Sheet steel, galvanised
Weight	38 kg
Weight including packaging	39 kg
Swivelling fan	✓
Nominal size	200 mm
Width with packaging	750 mm
Height with packaging	570 mm
Depth with packaging	605 mm
Airstream temperature at nominal current	-20 °C up to 120 °C
Airstream temperature at I _{Max}	-20 °C up to 120 °C
Ambient temperature	50 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799809197

EKR 20

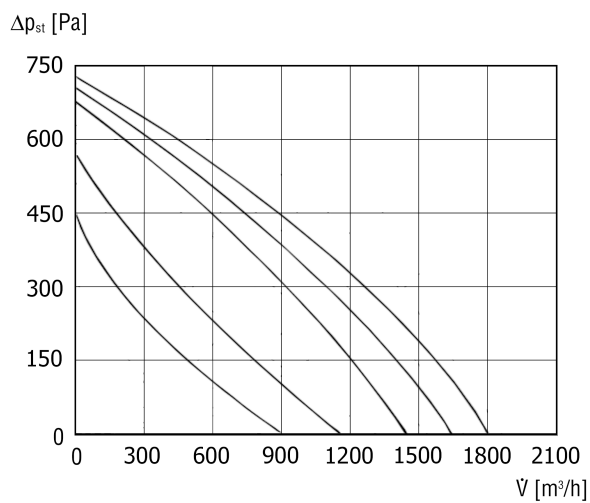
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S1 (dB(A))	–	30	35	37	38	52	51	39	55
L_{WA2}, S2 (dB(A))	–	37	45	46	49	55	55	46	59
L_{WA2}, S3 (dB(A))	–	41	49	51	54	58	56	49	62
L_{WA2}, S4 (dB(A))	–	44	50	57	57	59	58	51	64
L_{WA2}, S5 (dB(A))	–	45	51	56	58	61	59	52	65
L_{WA5}, S1 (dB(A))	–	40	49	53	51	55	53	46	60
L_{WA5}, S2 (dB(A))	–	46	59	63	62	63	62	57	70
L_{WA5}, S3 (dB(A))	–	51	61	69	67	69	68	62	75
L_{WA5}, S4 (dB(A))	–	53	62	72	69	71	70	65	77
L_{WA5}, S5 (dB(A))	–	54	63	73	71	72	71	66	78
L_{WA6}, S1 (dB(A))	–	40	45	54	50	55	53	45	60
L_{WA6}, S2 (dB(A))	–	48	58	65	62	64	62	56	70
L_{WA6}, S3 (dB(A))	–	52	58	72	68	69	67	61	76
L_{WA6}, S4 (dB(A))	–	55	59	74	70	71	69	64	78
L_{WA6}, S5 (dB(A))	–	56	60	74	71	72	70	65	79

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.

EKR 20

Characteristic curve



Dimensioned drawing [mm]

