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Short description

Centrifugal duct fan, DN 250, alternating current

Application examples

Machine extraction unit, Workplace air extraction system, Production site, Storage facility, Laboratory

Article number 0080.0277

Technical data

Air flow volume	1.060 m³/h
Rotating speed	2.623 1/min
Impeller type	radial
Speed controllable	✓
Reversing capacity	–
Type of voltage	Alternating current
Rated voltage	230 / 220 V
Frequency	50 Hz/60 Hz
Nominal output	148 W
I _{max}	0,65 A
Degree of protection	IP X4
Insulation class	B
Pole-changeable	–
Installation position	vertical / horizontal
Material	Sheet steel, powder coated
Housing material	Sheet steel, powder coated
Colour	Light grey
Weight	5,64 kg
Weight including packaging	6,5 kg
Nominal size	250 mm
Width	380 mm
Height	417 mm
Depth	230 mm
Width with packaging	390 mm
Height with packaging	390 mm
Depth with packaging	300 mm
Airstream temperature at nominal current	-20 °C up to 60 °C
Airstream temperature at I _{Max}	-20 °C up to 60 °C
Packing unit	1 piece

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Range	C
GTIN (EAN)	4012799802778

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))	18	36	27	29	30	28	15	–	39
L_{WA2}, S2 (dB(A))	22	40	35	37	38	39	35	18	45
L_{WA2}, S3 (dB(A))	26	42	42	46	46	48	49	34	54
L_{WA2}, S4 (dB(A))	30	42	44	49	51	52	49	42	57
L_{WA2}, S5 (dB(A))	31	42	46	51	54	55	51	44	60
L_{WA5}, S1 (dB(A))	21	33	35	39	45	51	34	24	53
L_{WA5}, S2 (dB(A))	27	39	43	49	51	57	54	40	60
L_{WA5}, S3 (dB(A))	33	43	52	60	61	58	63	54	67
L_{WA5}, S4 (dB(A))	37	46	56	65	65	61	66	62	71
L_{WA5}, S5 (dB(A))	39	48	59	66	68	64	67	67	74
L_{WA6}, S1 (dB(A))	22	36	39	41	43	46	31	20	49
L_{WA6}, S2 (dB(A))	29	40	51	51	53	52	53	38	59
L_{WA6}, S3 (dB(A))	35	45	57	62	62	60	63	55	68
L_{WA6}, S4 (dB(A))	37	48	60	64	66	64	63	62	71
L_{WA6}, S5 (dB(A))	40	50	62	67	69	67	64	64	74

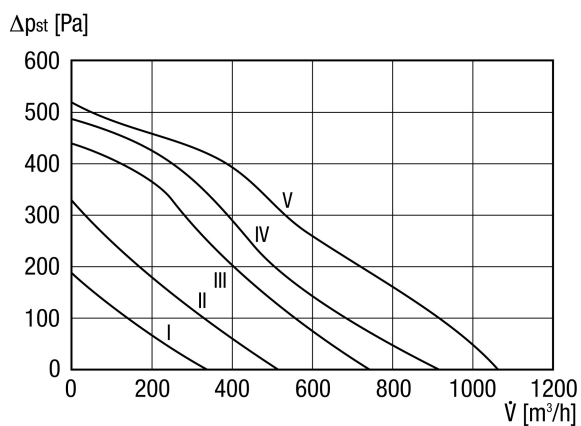
L_{WA2}= housing sound power level in dB.

L_{WA5}= free inlet sound power level in dB.

L_{WA6}= free outlet sound power level in dB.

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Characteristic curve



Dimensioned drawing [mm]

