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## Short description

Centrifugal duct fan, DN 200, alternating current

## Application examples

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

Article number 0080.0276

## Technical data

Air flow volume	1.000 m <sup>3</sup> /h
Rotating speed	2.590 1/min
Speed controllable	✓
Type of voltage	Alternating current
Rated voltage	230 V
Nominal output	150 W
I <sub>nom</sub>	0,7 A
I <sub>max</sub>	0,7 A
Degree of protection	IP X4
Insulation class	B
Housing material	Sheet steel, powder coated
Weight	5,1 kg
Weight including packaging	5,91 kg
Nominal size	200 mm
Width with packaging	390 mm
Height with packaging	300 mm
Depth with packaging	390 mm
Airstream temperature at nominal current	-20 °C up to 40 °C
Airstream temperature at I <sub>Max</sub>	-20 °C up to 40 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799802761

## 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, S1</sub></b> <b>(dB(A))</b>	19	44	26	28	28	27	10	5	45

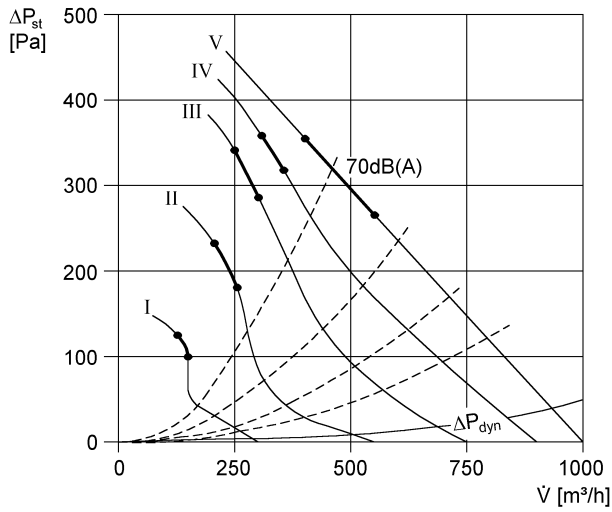
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, S2</b> <b>(dB(A))</b>	21	46	36	37	35	37	31	18	48
<b>L<sub>WA2</sub>, S3</b> <b>(dB(A))</b>	26	46	41	46	43	44	43	33	52
<b>L<sub>WA2</sub>, S4</b> <b>(dB(A))</b>	28	40	44	49	47	48	46	40	54
<b>L<sub>WA2</sub>, S5</b> <b>(dB(A))</b>	33	43	45	52	51	51	48	44	57
<b>L<sub>WA5</sub>, S1</b> <b>(dB(A))</b>	20	29	38	43	44	47	36	23	50
<b>L<sub>WA5</sub>, S2</b> <b>(dB(A))</b>	27	34	46	51	54	54	57	40	61
<b>L<sub>WA5</sub>, S3</b> <b>(dB(A))</b>	34	41	54	62	63	60	63	57	69
<b>L<sub>WA5</sub>, S4</b> <b>(dB(A))</b>	36	44	57	65	67	63	64	62	72
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	40	47	58	66	69	66	66	64	74
<b>L<sub>WA6</sub>, S1</b> <b>(dB(A))</b>	18	30	40	38	43	45	27	16	48
<b>L<sub>WA6</sub>, S2</b> <b>(dB(A))</b>	28	36	51	48	52	56	49	36	59
<b>L<sub>WA6</sub>, S3</b> <b>(dB(A))</b>	34	41	57	58	60	60	58	52	66
<b>L<sub>WA6</sub>, S4</b> <b>(dB(A))</b>	37	45	60	60	65	63	60	57	69
<b>L<sub>WA6</sub>, S5</b> <b>(dB(A))</b>	38	47	61	62	67	66	62	60	72

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.

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## Characteristic curve



## Dimensioned drawing [mm]

