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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
Nominal size	200 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
L <sub>WA2, S1</sub> (dB(A))	19	44	26	28	28	27	10	5	45
L <sub>WA2, S2</sub> (dB(A))	21	46	36	37	35	37	31	18	48
L <sub>WA2, S3</sub> (dB(A))	26	46	41	46	43	44	43	33	52

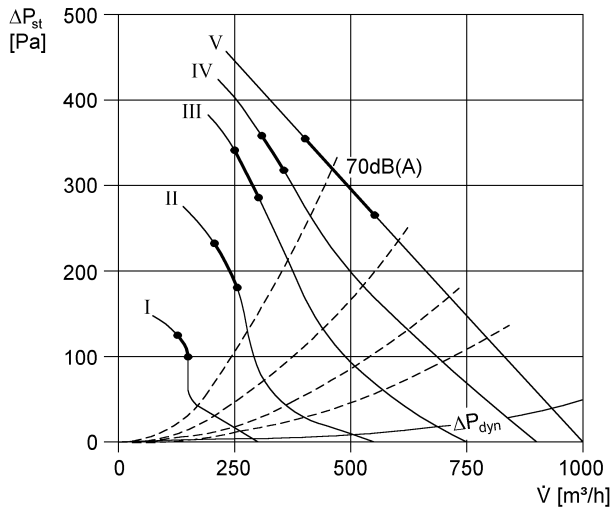
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	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, S4</b> <b>(dB(A))</b>	28	40	44	49	47	48	46	40	54
<b>L<sub>WA2</sub>, S5</b> <b>(dB(A))</b>	33	43	45	52	51	51	48	44	57
<b>L<sub>WA5</sub>, S1</b> <b>(dB(A))</b>	20	29	38	43	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]

