

# DSK 56/4



## Short description

Sound-insulated centrifugal channel fans, three-phase AC, channel dimension 1,000 x 500

## Application examples

Commercial premises, Workplace, Showroom, Production facility, Industrial building

Article number 0086.0648

## Technical data

Air flow volume	10.220 m³/h
Rotating speed	1.365 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz
Nominal output	2.010 W
I <sub>max</sub>	4,8 A
Degree of protection	IP 44
Insulation class	F
Mains cable	5 x 1,5 mm²
Installation site	Channel
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	110 kg
Weight including packaging	110 kg
Swivellable	✓
Swivelling fan	✓
Channel dimension	1.000 mm x 500 mm
Width	982 mm
Height	520 mm
Depth	1.080 mm
Width with packaging	982 mm
Height with packaging	520 mm
Depth with packaging	1.080 mm
Airstream temperature at I <sub>Max</sub>	-20 °C up to 50 °C
Packing unit	1 piece
Range	D
GTIN (EAN)	4012799866480

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## 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</sub>, S5</b> <b>(dB(A))</b>	42	53	52	57	52	52	44	35	58
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	–	70	74	70	67	65	60	55	77
<b>L<sub>WA5</sub>, S4</b> <b>(dB(A))</b>	–	73	68	66	64	62	57	53	75
<b>L<sub>WA5</sub>, S3</b> <b>(dB(A))</b>	–	70	61	61	60	57	53	49	72
<b>L<sub>WA5</sub>, S2</b> <b>(dB(A))</b>	–	62	56	55	54	51	49	42	64
<b>L<sub>WA5</sub>, S1</b> <b>(dB(A))</b>	–	46	43	44	43	45	37	24	52
<b>L<sub>WA6</sub>, S5</b> <b>(dB(A))</b>	–	77	84	82	82	77	72	65	88
<b>L<sub>WA6</sub>, S4</b> <b>(dB(A))</b>	–	78	79	79	79	74	69	63	85
<b>L<sub>WA6</sub>, S3</b> <b>(dB(A))</b>	–	73	73	75	75	69	65	59	81
<b>L<sub>WA6</sub>, S2</b> <b>(dB(A))</b>	–	62	68	68	68	63	59	52	74
<b>L<sub>WA6</sub>, S1</b> <b>(dB(A))</b>	–	50	54	55	56	56	49	32	62

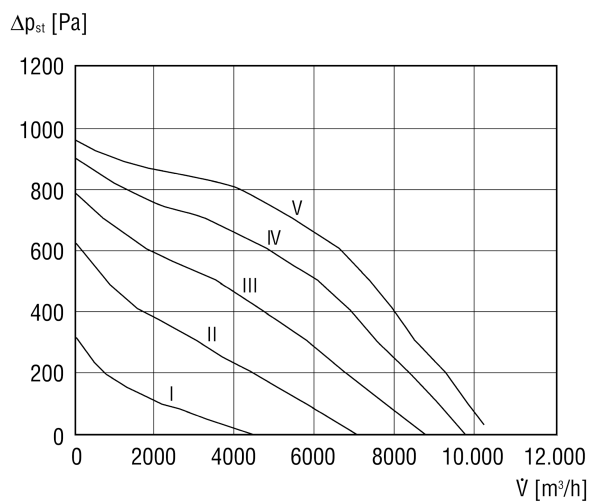
L<sub>WA2</sub>= housing sound power level in dB.

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]

