

# DSK 50 EC



## Short description

Sound-insulated centrifugal channel fan, EC motor, three-phase AC, channel dimension 800 mm x 500 mm

## Application examples

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

Article number 0086.0809

## Technical data

Model	sound-insulated
Air flow volume	9.590 m <sup>3</sup> /h
Air volume <sub>nom</sub>	5.185 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	711 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	1.580 1/min (in opt. efficiency)
Rotating speed	1.580 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz/60 Hz
Nominal output	1.830 W
I <sub>nom</sub>	2,88 A
Degree of protection	IP 54
Insulation class	F
Installation site	Channel
Installation position	any
Housing material	Sheet steel, galvanised
Weight	81 kg
Weight including packaging	81,48 kg
Swivelling fan	✓
Channel dimension	800 mm x 500 mm
Width	880 mm
Height	540 mm
Depth	880 mm
Width with packaging	882 mm
Height with packaging	637 mm
Depth with packaging	887 mm
Airstream temperature	-25 °C up to 40 °C
Packing unit	1 piece
Range	E

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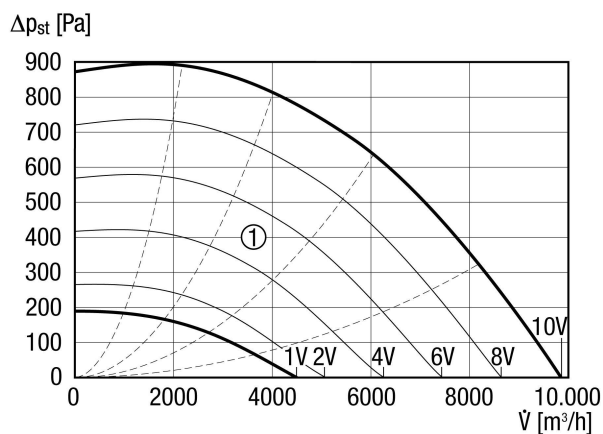
GTIN (EAN)	4012799868095
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## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2, S5</sub> (dB(A))</b>	–	56	63	59	58	55	49	41	66
<b>L<sub>WA5, S5</sub> (dB(A))</b>	–	55	66	70	69	68	62	53	75
<b>L<sub>WA6, S5</sub> (dB(A))</b>	–	70	80	82	85	82	76	66	89

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.

## Characteristic curve



Auxiliary characteristics curves for control voltage 1 - 10 V

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Dimensioned drawing [mm]

