

DSK 56 EC



Short description

Sound-insulated centrifugal channel fan, EC motor, three-phase AC, channel dimension 1000 mm x 500 mm

Application examples

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

Article number 0086.0811

Technical data

Model	sound-insulated
Air flow volume	11.990 m ³ /h
Air volume _{nom}	6.660 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	695 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.440 1/min (in opt. efficiency)
Rotating speed	1.400 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz/60 Hz
Nominal output	2.470 W
I _{nom}	3,85 A
Degree of protection	IP 54
Insulation class	F
Installation site	Channel
Installation position	any
Housing material	Sheet steel, galvanised
Weight	98 kg
Weight including packaging	98,55 kg
Swivelling fan	✓
Channel dimension	1.000 mm x 500 mm
Width	1.080 mm
Height	540 mm
Depth	982 mm
Width with packaging	1.082 mm
Height with packaging	642 mm
Depth with packaging	987 mm
Airstream temperature	-25 °C up to 50 °C
Packing unit	1 piece
Range	E

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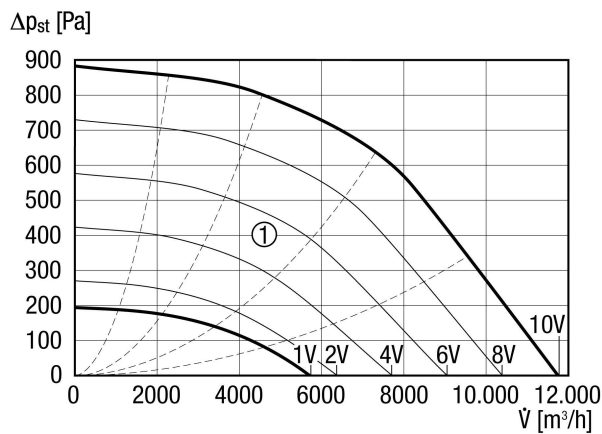
GTIN (EAN)	4012799868118
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Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2, S5} (dB(A))	–	62	63	60	56	49	42	39	68
L_{WA5, S5} (dB(A))	–	65	67	68	69	69	66	59	75
L_{WA6, S5} (dB(A))	–	73	79	80	81	81	78	71	88

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.

Characteristic curve



Auxiliary characteristics curves for control voltage 1 - 10 V

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Dimensioned drawing [mm]

