

DSK 31-S EC



Short description

Sound-insulated centrifugal channel fan, EC motor, three-phase AC, channel dimension 600 mm x 350 mm

Application examples

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

Article number 0086.0805

Technical data

Model	sound-insulated
Air flow volume	4.900 m ³ /h
Air volume _{nom}	2.470 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	589 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.800 1/min (in opt. efficiency)
Rotating speed	1.700 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz
Nominal output	677 W
I _{nom}	1,3 A
Degree of protection	IP 54
Insulation class	F
Installation site	Channel
Installation position	any
Housing material	Sheet steel, galvanised
Weight	44 kg
Weight including packaging	52 kg
Swivelling fan	✓
Channel dimension	600 mm x 350 mm
Width	680 mm
Height	390 mm
Depth	700 mm
Width with packaging	800 mm
Height with packaging	840 mm
Depth with packaging	701 mm
Airstream temperature	-25 °C up to 50 °C
Packing unit	1 piece
Range	E

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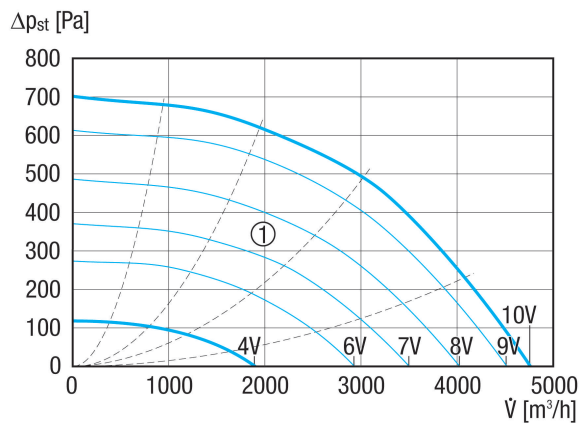
GTIN (EAN)	4012799868057
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Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S5 (dB(A))	–	59	60	52	50	45	42	35	63
L_{WA5}, S5 (dB(A))	–	63	65	59	61	62	58	50	70
L_{WA6}, S5 (dB(A))	–	71	73	74	75	74	70	60	81

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]

