

DSK 35/1 EC



Short description

Sound-insulated centrifugal channel fan, EC motor, three-phase AC, channel dimensions 700 mm x 400 mm, air volume 6,470 m³/h

Application examples

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

Article number 0086.0815

Technical data

Model	sound-insulated
Air flow volume	6.470 m ³ /h
Air volume _{nom}	3.494 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	680 Pa (in opt. efficiency)
Rotating speed n _{nom}	1.700 1/min (in opt. efficiency)
Rotating speed	1.700 1/min
Speed controllable	✓
Rated voltage	380 V to 480 V
Frequency	50 Hz/60 Hz
Nominal output	1.250 W
I _{nom}	2,2 A
Degree of protection	IP 54
Insulation class	F
Installation site	Channel
Installation position	any
Housing material	Sheet steel, galvanised
Weight	56,99 kg
Weight including packaging	66 kg
Swivelling fan	✓
Channel dimension	700 mm x 400 mm
Width	780 mm
Height	440 mm
Depth	780 mm
Width with packaging	785 mm
Height with packaging	522 mm
Depth with packaging	785 mm
Airstream temperature	-25 °C up to 50 °C
Packing unit	1 piece
Range	E

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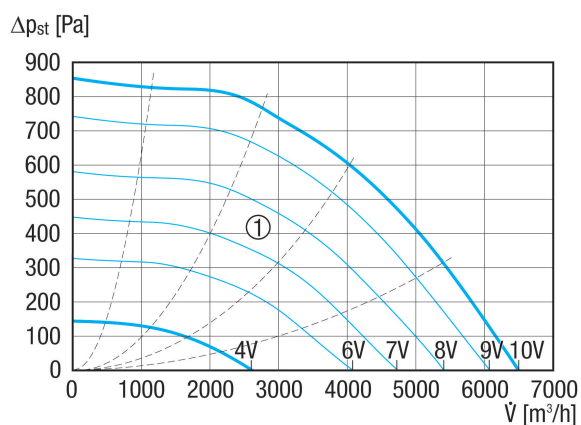
GTIN (EAN)	4012799868156
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Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2, S5} (dB(A))	–	60	63	59	56	52	47	40	67
L_{WA5, S5} (dB(A))	–	60	65	71	67	66	60	52	74
L_{WA6, S5} (dB(A))	–	69	75	77	79	76	71	61	84

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]

