

DPK 35/1 EC



Short description

Centrifugal channel fan, with EC motor, three-phase AC, channel size 700 mm x 400 mm, air volume 6,470 m³/h

Application examples

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

Article number 0086.0813

Technical data

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	52 kg
Weight including packaging	52 kg
Swivelling fan	✓
Channel dimension	700 mm x 400 mm
Width	741 mm
Height	443 mm
Depth	780 mm
Width with packaging	740 mm
Height with packaging	440 mm
Depth with packaging	780 mm
Airstream temperature	-20 °C up to 50 °C
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799868132

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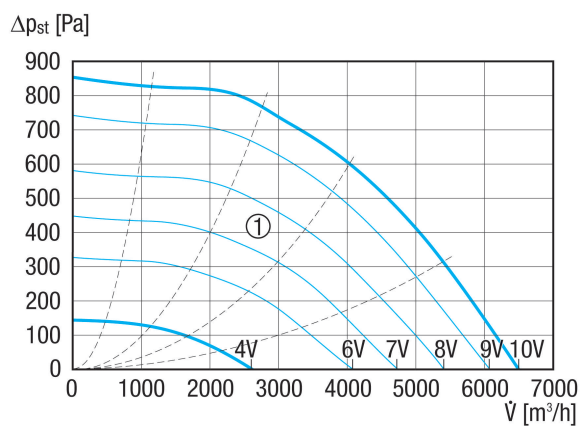
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA2}, S5 (dB(A))	–	62	65	61	58	54	49	42	69
L_{WA5}, S5 (dB(A))	–	66	71	77	73	72	66	58	80
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]

