

# DPK 56 EC



## Short description

Centrifugal duct fan, with EC motor, three-phase AC, channel size 1000 mm x 500 mm

## Application examples

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

Article number 0086.0810

## Technical data

Air flow volume	11.990 m <sup>3</sup> /h
Air volume <sub>nom</sub>	6.660 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	695 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	1.400 1/min (in opt. efficiency)
Rotating speed	1.440 1/min
Speed controllable	✓
Rated voltage	400 V
Frequency	50 Hz/60 Hz
Nominal output	2.470 W
I <sub>nom</sub>	3,85 A
Degree of protection	IP 54
Insulation class	F
Installation site	Channel
Installation position	any
Housing material	Sheet steel, galvanised
Weight	80 kg
Weight including packaging	80,48 kg
Swivelling fan	✓
Channel dimension	1.000 mm x 500 mm
Width	1.040 mm
Height	540 mm
Depth	982 mm
Width with packaging	1.047 mm
Height with packaging	547 mm
Depth with packaging	987 mm
Airstream temperature	-20 °C up to 50 °C
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799868101

# DPK 56 EC

## Sound power level in octave range

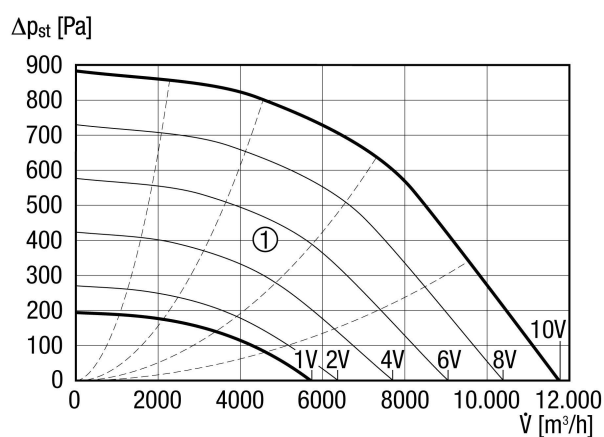
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, S5</b> <b>(dB(A))</b>	–	64	65	62	58	81	44	41	70
<b>L<sub>WA5</sub>, S5</b> <b>(dB(A))</b>	–	73	75	76	77	77	74	67	84
<b>L<sub>WA6</sub>, S5</b> <b>(dB(A))</b>	–	73	79	80	81	81	78	71	88

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

## DPK 56 EC

Dimensioned drawing [mm]

