

# DSQ 56/6



## Short description

Sound-insulated radial fan for indoor fitting, three-phase AC, DN 560

## Application examples

Workplace, Workplace air extraction system, Storage facility, Workshop, Day room

Article number 0080.0040

## Technical data

Air flow volume	6.500 m <sup>3</sup> /h
Speed controllable	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	550 W
P <sub>Max</sub>	550 W
I <sub>nom</sub>	1,8 A
I <sub>max</sub>	1,8 A
Degree of protection	IP 55
Insulation class	F
Mains cable	5 x 1,5 mm <sup>2</sup>
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Weight	121,5 kg
Weight including packaging	150,5 kg
Swivelling fan	–
Nominal size	560 mm
Width	1.006 mm
Height	1.000 mm
Depth	1.085 mm
Width with packaging	1.200 mm
Height with packaging	1.000 mm
Depth with packaging	1.150 mm
Airstream temperature at nominal current	-20 °C up to 50 °C
Airstream temperature at I <sub>Max</sub>	-20 °C up to 50 °C
Sound pressure level	47 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	C

# DSQ 56/6

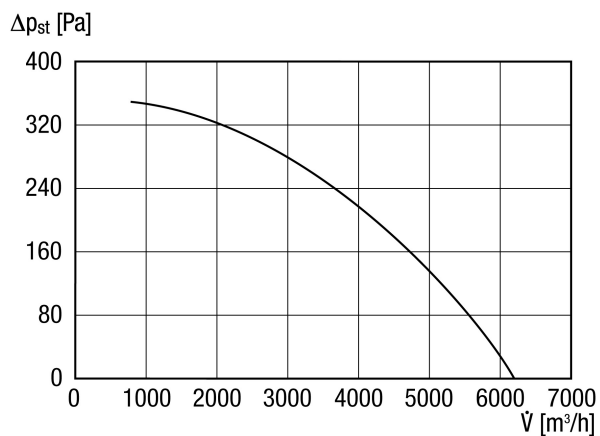
GTIN (EAN)	4012799800408
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## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA2</sub>, high (dB(A))</b>	–	53	55	47	46	40	41	37	59
<b>L<sub>WA5</sub>, high (dB(A))</b>	–	60	66	64	64	60	58	53	71
<b>L<sub>WA6</sub>, high (dB(A))</b>	–	60	70	72	64	63	66	63	77

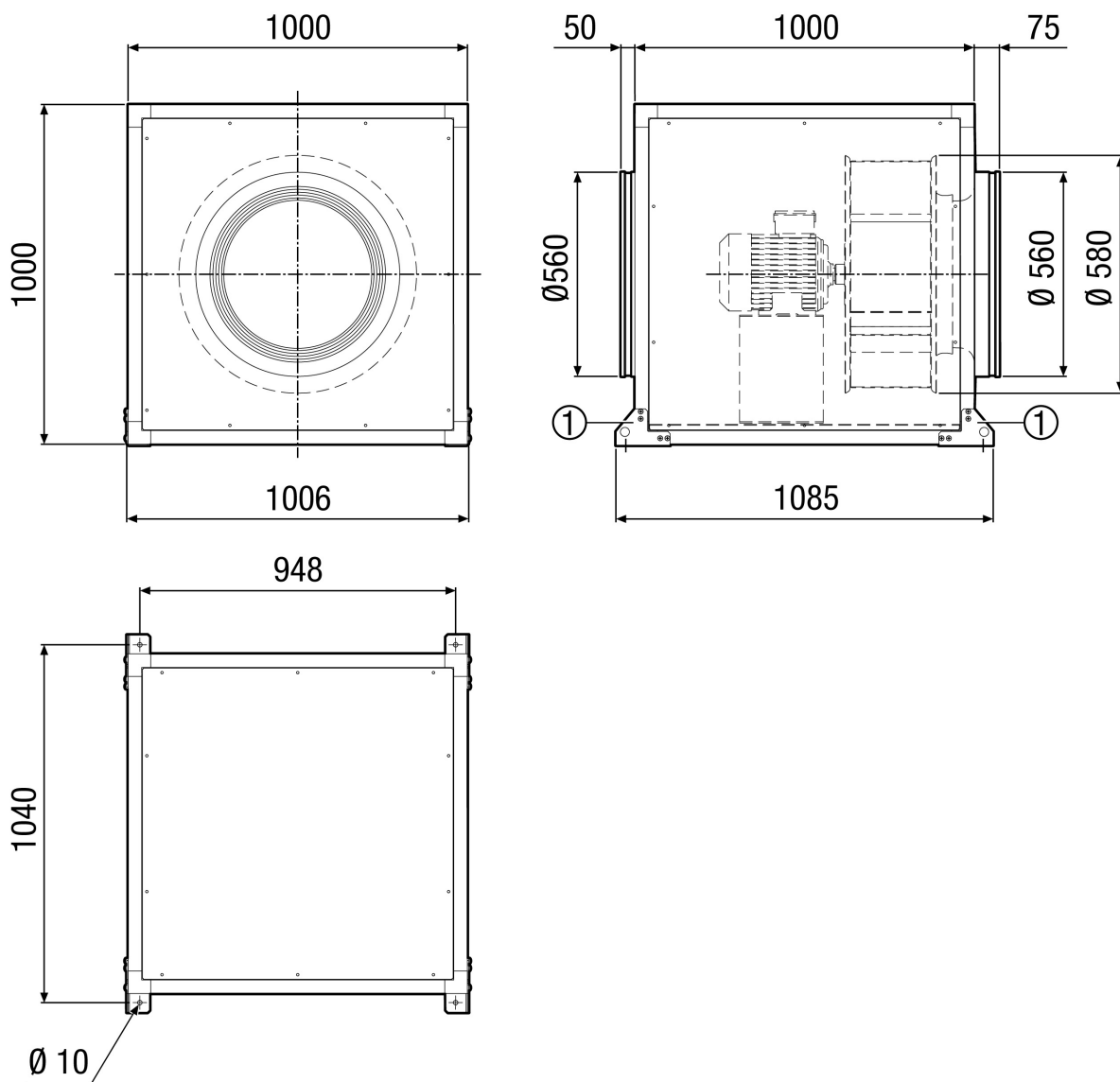
L<sub>WA2</sub>= housing sound power level in dB.  
 L<sub>WA5</sub>= free inlet sound power level in dB.  
 L<sub>WA6</sub>= free outlet sound power level in dB.

## Characteristic curve



# DSQ 56/6

Dimensioned drawing [mm]



① Mounting bracket included in the scope of delivery