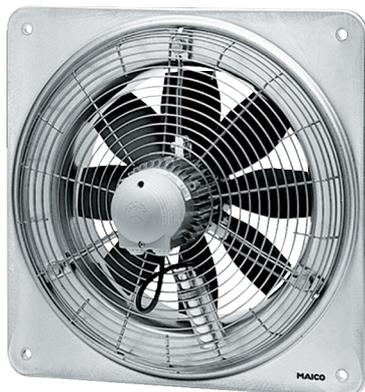


# DZQ 56/6 B



## Short description

Axial wall fan with square wall plate, DN 560, three-phase AC

## Application examples

Production facility, Commercial premises, Garage, Building container, Storage facility

Article number 0083.0063

## Technical data

Model	Square wall plate
Air flow volume	8.530 m <sup>3</sup> /h
Air volume <sub>nom</sub>	5.720 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	91 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	950 1/min (in opt. efficiency)
Rotating speed	964 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	455 W (in opt. efficiency)
I <sub>nom</sub>	1,05 A (in opt. efficiency)
I <sub>max</sub>	1,2 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Mains cable	7 x 1,5 mm <sup>2</sup>
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	20,47 kg
Weight including packaging	28,23 kg
Nominal size	560 mm
Width	700 mm
Height	700 mm

# DZQ 56/6 B

Depth	324 mm
Width with packaging	850 mm
Height with packaging	840 mm
Depth with packaging	400 mm
Airstream temperature at nominal current	-20 °C up to 60 °C
Airstream temperature at $I_{Max}$	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799830634

## Technical data according to ErP in Best Efficiency Point (BEP)

Total efficiency $\eta$	31,8 %
Measurement category	A
Efficiency category	static
Efficiency level N	40,3
VSD necessary	No
Year of manufacture	see rating plate
Manufacturer's name / official registration number / manufacturer's place of establishment	Maico Elektroapparate-Fabrik GmbH / Freiburg registration court, HRB 601233 / Villingen-Schwenningen
Art. No.	0083.0063
$P_{BEP}$ / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,455 kW / 5.720 m <sup>3</sup> /h / 91 Pa
$n_{BEP}$	950 1/min
Specific ratio	$\approx 1$
Information about dismantling and disposal	see mounting instructions
Information about installation, operation and repairs	see mounting instructions
Objects used to measure efficiency which are not described by the measurement category	-
Sound power level $_{L_{WA7}}$	74 dB(A)

## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S1}$ (dB(A))	-	-	-	-	-	-	-	-	52
$L_{WA7, S2}$ (dB(A))	-	-	-	-	-	-	-	-	64
$L_{WA7, S3}$ (dB(A))	-	-	-	-	-	-	-	-	71
$L_{WA7, S4}$ (dB(A))	-	-	-	-	-	-	-	-	74
$L_{WA7, S5}$ (dB(A))	38	59	60	69	71	71	64	53	76

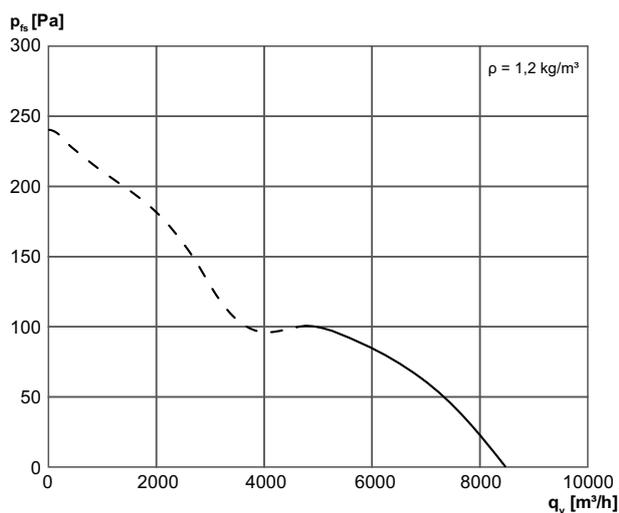
# DZQ 56/6 B

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L <sub>WA8, S1</sub> (dB(A))	-	-	-	-	-	-	-	-	59
L <sub>WA8, S2</sub> (dB(A))	-	-	-	-	-	-	-	-	73
L <sub>WA8, S3</sub> (dB(A))	-	-	-	-	-	-	-	-	77
L <sub>WA8, S4</sub> (dB(A))	-	-	-	-	-	-	-	-	79
L <sub>WA8, S5</sub> (dB(A))	54	63	66	71	74	75	75	72	81

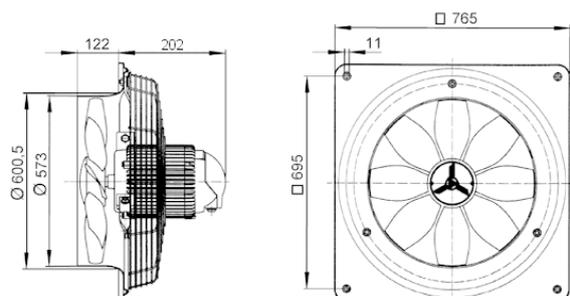
L<sub>WA7</sub>= housing and free inlet sound power level in dB.

L<sub>WA8</sub>= housing and free outlet sound power level in dB.

## Characteristic curve



## Dimensioned drawing [mm]



DZQ 56/6 B

