

DZS 60/84 B



Short description

Axial wall fan with steel wall ring, DN 600, three-phase AC, pole-changeable

Application examples

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

Article number 0094.0058

Technical data

Model	Steel wall ring
Air flow volume	7.490 m ³ /h / 14.970 m ³ /h
Air volume _{nom}	5.480 m ³ /h / 10.790 m ³ /h (in opt. efficiency)
Pressure p _{fs, nom}	52 Pa - 210 Pa (in opt. efficiency)
Rotating speed n _{nom}	720 1/min - 1.425 1/min (in opt. efficiency)
Rotating speed	727 1/min / 1.449 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	250 W / 1.600 W (in opt. efficiency)
I _{nom}	1 A / 3 A (in opt. efficiency)
I _{max}	4,3 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	✓
Number of poles at high speed	4
Number of poles at low speed	8
Mains cable	7 x 1,5 mm ²
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	28,32 kg
Weight including packaging	33,6 kg
Nominal size	600 mm

DZS 60/84 B

Width	820 mm
Height	820 mm
Depth	399 mm
Width with packaging	850 mm
Height with packaging	850 mm
Depth with packaging	440 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)	4012799940586

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

Total efficiency η	39,3 %
Measurement category	A
Efficiency category	static
Efficiency level N	44,4
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.	0094.0058
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	1,6 kW / 10.790 m ³ /h / 210 Pa
n_{BEP}	1.425 1/min
Specific ratio	≈ 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}	71 dB(A) / 87 dB(A)

Sound power level in octave range

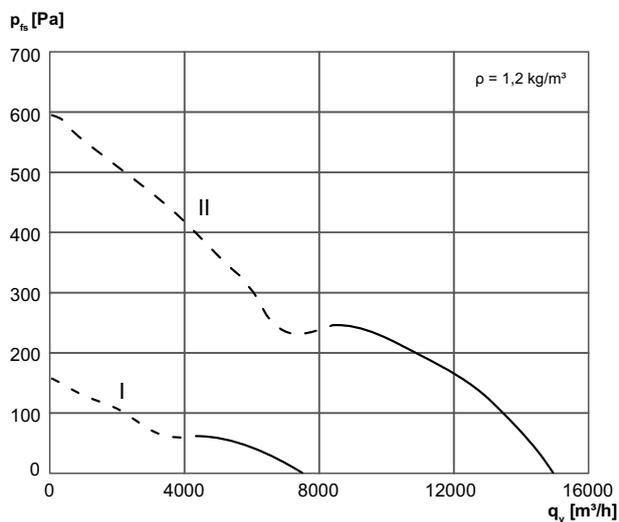
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, low}$ (dB(A))	60	69	77	80	84	82	82	78	71
$L_{WA7, high}$ (dB(A))	43	56	74	79	84	81	77	68	87
$L_{WA8, low}$ (dB(A))	-	-	-	-	-	-	-	-	76
$L_{WA8, high}$ (dB(A))	-	-	-	-	-	-	-	-	89

L_{WA7} = housing and free inlet sound power level in dB.

DZS 60/84 B

L_{WA8} = housing and free outlet sound power level in dB.

Characteristic curve



Dimensioned drawing [mm]

- ① Steel wall plate = EZQ/DZQ model
- ② Steel wall ring = EZS/DZS model

