

DAS 71/8



Short description

Axial fan, DN 710, 3-phase current

Application examples

Production facility, Assembly hall, Storage facility, Industrial building, Workplace

Article number 0083.0851

Technical data

Air flow volume	10.800 m ³ /h
Air volume e_{nom}	6.150 m ³ /h (in opt. efficiency)
Pressure $p_{fs, nom}$	53 Pa (in opt. efficiency)
Rotating speed n_{nom}	730 1/min (in opt. efficiency)
Rotating speed	740 1/min
Impeller type	axial
Speed controllable	–
Reversing capacity	–
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	288 W (in opt. efficiency)
I_{nom}	1,3 A (in opt. efficiency)
I_{max}	1,6 A
Degree of protection	IP 55
Insulation class	F
Installation site	Wall
Installation position	vertical
Material	Sheet steel, varnished
Housing material	Sheet steel, varnished
Colour	grey
Weight	35 kg
Weight including packaging	53 kg
Nominal size	710 mm
Width	910 mm
Height	910 mm
Depth	465 mm
Width with packaging	950 mm
Height with packaging	950 mm

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Depth with packaging	630 mm
Airstream temperature at nominal current	50 °C
Airstream temperature at I_{Max}	-20 °C up to 50 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799838517

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

Total efficiency η	31,2 %
Measurement category	C
Efficiency category	static
Efficiency level N	41
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.	0083.0851
P_{BEP} / Air volume $_{BEP}$ / $P_{fs, BEP}$	0,288 kW / 6.150 m ³ /h / 53 Pa
n_{BEP}	730 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	-
I_{BEP}	1,3 A
Sound power level $_{L_{WA7}}$	65 dB(A)

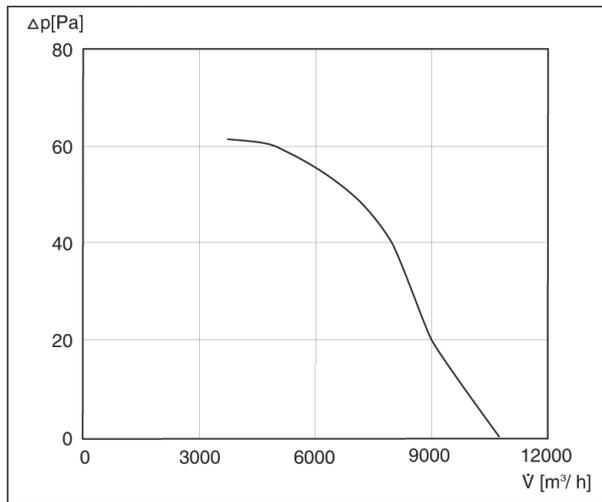
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
$L_{WA7, S5}$ (dB(A))	42	46	55	60	61	59	56	51	65

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

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Characteristic curve



Dimensioned drawing [mm]

Number of holes: 16

