

# DAS 71/4



## Short description

Axial fan, DN 710, 3-phase current

## Application examples

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

Article number 0083.0853

## Technical data

Model	Steel ring
Air flow volume	20.000 m <sup>3</sup> /h
Air volume <sub>nom</sub>	12.300 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	211 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	1.460 1/min (in opt. efficiency)
Rotating speed	1.475 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	–
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	1.732 W (in opt. efficiency)
I <sub>nom</sub>	4,1 A (in opt. efficiency)
I <sub>max</sub>	5,3 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	46,5 kg
Weight including packaging	64,5 kg
Nominal size	710 mm
Width	910 mm
Height	910 mm
Depth	500 mm
Width with packaging	950 mm

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Height with packaging	950 mm
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)	4012799838531

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

Total efficiency $\eta$	41,5 %
Measurement category	C
Efficiency category	static
Efficiency level N	46
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.	0083.0853
$P_{BEP}$ / Air volume $_{BEP}$ / $P_{fs, BEP}$	1,732 kW / 12.300 m <sup>3</sup> /h / 211 Pa
$n_{BEP}$	1.460 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	-
$I_{BEP}$	4,1 A
Sound power level $_{L_{WA7}}$	82 dB(A)

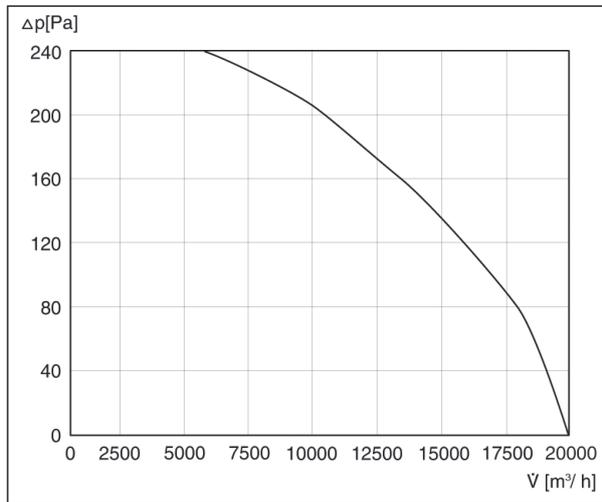
## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b><math>L_{WA7, S5}</math> (dB(A))</b>	51	62	78	76	77	75	72	67	82

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

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## Characteristic curve



## Dimensioned drawing [mm]

Number of holes: 16

