

# DAS 125/6



## Short description

Axial fan, DN 1250, 3-phase current

## Application examples

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

Article number 0083.0866

## Technical data

Model	Steel ring
Air flow volume	72.000 m <sup>3</sup> /h
Air volume <sub>nom</sub>	57.200 m <sup>3</sup> /h (in opt. efficiency)
Pressure p <sub>fs, nom</sub>	383 Pa (in opt. efficiency)
Rotating speed n <sub>nom</sub>	970 1/min (in opt. efficiency)
Rotating speed	980 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	–
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	7.497 W (in opt. efficiency)
I <sub>nom</sub>	14,1 A (in opt. efficiency)
I <sub>max</sub>	17 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	175 kg
Weight including packaging	269 kg
Nominal size	1.250 mm
Width	1.530 mm
Height	1.530 mm
Depth	745 mm
Width with packaging	1.560 mm

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Height with packaging	1.560 mm
Depth with packaging	980 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)	4012799838661

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

Total efficiency $\eta$	38,7 %
Measurement category	C
Efficiency category	static
Efficiency level N	40
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.	0083.0866
$P_{BEP}$ / Air volume $_{BEP}$ / $P_{fs, BEP}$	7,497 kW / 57.200 m <sup>3</sup> /h / 383 Pa
$n_{BEP}$	970 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	-
$I_{BEP}$	14,1 A
Sound power level $_{L_{WA7}}$	96 dB(A)

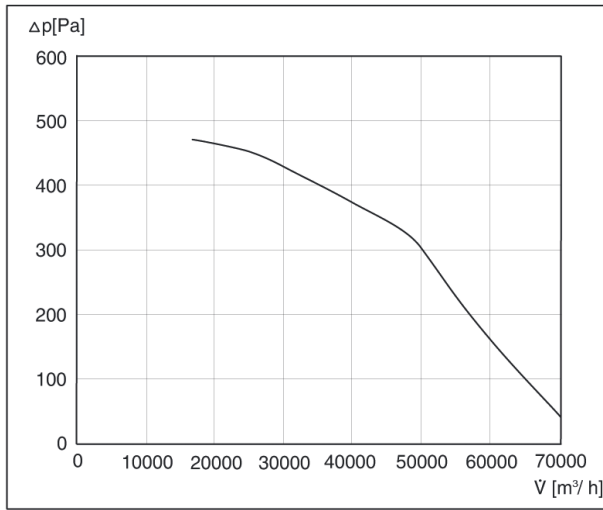
## Sound power level in octave range

	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>	66	84	86	91	92	91	88	83	96

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

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## Characteristic curve



## Dimensioned drawing [mm]

Number of holes: 20

