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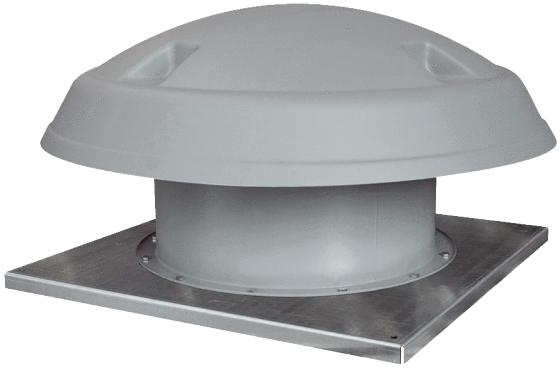

Short description

Axial roof fan, horizontal air outlet, 4-pin, DN 710, three-phase AC

Application examples

Production facility, Workplace, Commercial premises, Industrial building

Article number	0073.0075

Technical data

Air flow volume	18.237 m³/h
Air volume$_{nom}$	12.800 m³/h (in opt. efficiency)
Pressure $p_{fs, nom}$	173 Pa (in opt. efficiency)
Rotating speed n_{nom}	1.440 1/min (in opt. efficiency)
Rotating speed	1.440 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	–
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	2.200 W (in opt. efficiency)
I_{nom}	3,54 A (in opt. efficiency)
Degree of protection	IP 55
Insulation class	F
Pole-changeable	–
Installation site	Roof
Installation position	Vertical
Housing material	Sheet steel, galvanised
Impeller material	Polyamide
Colour	grey
Weight	80 kg
Weight including packaging	86 kg
Nominal size	710 mm
Width	1.300 mm
Height	670 mm
Depth	1.300 mm
Width with packaging	1.400 mm
Height with packaging	840 mm

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Depth with packaging	1.400 mm
Airstream temperature at I_{Max}	-15 °C up to 50 °C
PTC DIN 44082	M 100
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799730750

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

Total efficiency η	42,31 %
Measurement category	C
Efficiency category	static
Efficiency level N	47,2
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 / see mounting instructions
Art. No.	0073.0075
P_{BEP} / Air volume$_{BEP}$ / $P_{fs, BEP}$	1,72 kW / 12.800 m³/h
n_{BEP}	1.460 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}	3,54 A
$p_{f, BEP}$	173 Pa
Sound power levelL_{WA7}	84 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_{WA5}, S5 (dB(A))	58	65	70	75	78	79	78	72	84

L_{WA5}= free inlet sound power level in dB.

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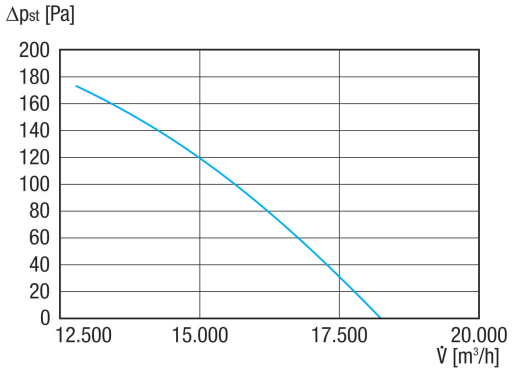
Characteristic curve



Dimensioned drawing [mm]