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Short description

Axial duct fan, DN 900, three-phase AC, nominal power 3 kW

Application examples

Production facility, Workplace, Commercial premises, Industrial building

Article number

0073.0151

Technical data

Air flow volume	30.121 m³/h				
Rotating speed	1.440 1/min				
Impeller type	axial				
Speed controllable	1				
Reversing capacity	-				
Type of voltage	Three-phase AC				
Rated voltage	400 V				
Frequency	50 Hz				
Nominal output	3.000 W				
I _{nom}	6,39 A				
Degree of protection	IP 55				
Insulation class	F				
Pole-changeable	-				
Installation site	Duct				
Installation position	Horizontal				
Housing material	Sheet steel with epoxy coating				
Impeller material	Polyamide				
Colour	grey				
Weight	110 kg				
Weight including packaging	126 kg				
Nominal size	900 mm				
Width	1.030 mm				
Height	680 mm				
Depth	1.030 mm				
Width with packaging	1.140 mm				
Height with packaging	830 mm				
Depth with packaging	1.140 mm				
Airstream temperature at I _{Max}	-10 °C up to 50 °C				
PTC DIN 44082	M 100				





Packing unit	1 piece
Range	С
GTIN (EAN)	4012799731511

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

Total efficiency η	42,4 %				
Measurement category	С				
Efficiency category	static				
Efficiency level N	46 No				
VSD necessary					
Year of manufacture	see rating plate				
Manufacturer's name / official registration number / manufacturer's	Maico Elektroapparate-Fabrik GmbH / Freiburg registration				
place of establishment	court, HRB 601233 / Villingen-Schwenningen 0073.0151 2,708 kW / 16.355 m³/h / 252,6 Pa				
Art. No.					
P _{BEP} / Air volume _{BEP} / P _{fs, BEP}					
n _{BEP}	1.420 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}	6,39 A				
Sound power levelL _{WA7}	93 dB(A)				

Sound power level in octave range

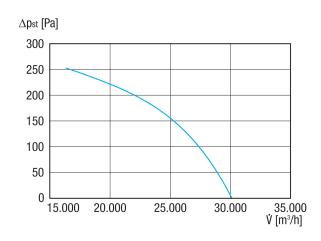
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total	
L _{WA5} , S5	64	75	82	87	88	86	86	80	93	
(dB(A))										

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

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Characteristic curve



Dimensioned drawing [mm]

