DAR 100/4 4





Short description

Axial duct fan, DN 1000, three-phase AC, nominal power 4 kW, 4-pin

Application examples

Production facility, Workplace, Commercial premises, Industrial building

Article number

0073.0165

Technical data

Laca				
Air flow volume	39.802 m³/h			
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	4.000 W			
I _{nom}	7,75 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	125 kg			
Weight including packaging	141 kg			
Nominal size	1.000 mm			
Width	1.130 mm			
Height	750 mm			
Depth	1.130 mm			
Width with packaging	1.140 mm			
Height with packaging	900 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)	4012799731658

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

Total efficiency η	43,9 %				
Measurement category	C static 46,5 No see rating plate				
Efficiency category					
Efficiency level N					
VSD necessary					
Year of manufacture					
Manufacturer's name / official registration number / manufacturer's	Maico Elektroapparate-Fabrik GmbH / Freiburg registration				
place of establishment	court, HRB 601233 / Villingen-Schwenningen 0073.0165 3,957 kW / 24.149 m³/h / 259 Pa				
Art. No.					
P _{BEP} / Air volume _{BEP} / P _{fs, BEP}					
n _{BEP}	1.430 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}	7,75 A				
Sound power levelL _{WA7}	98 dB(A)				

Sound power level in octave range

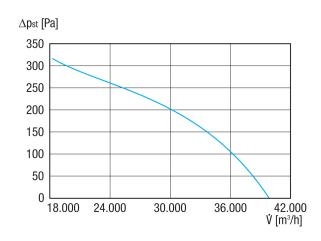
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total	
L _{WA5} , S5	68	77	83	88	91	89	89	82	96	
(dB(A))										

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

DAR 100/4 4



Characteristic curve



Dimensioned drawing [mm]

