# DAR 80/4 3-2





### Short description

Axial duct fan, DN 800, three-phase AC, nominal power 3 kW, air volume 23627 m³/h

## Application examples

Production facility, Workplace, Commercial premises, Industrial building

Article number

0073.0139

#### Technical data

Air flow volume	23.627 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 <sub>nom</sub>	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 85 kg				
Weight					
Weight including packaging	101 kg				
Nominal size	800 mm				
Width	910 mm				
Height	590 mm				
Depth	910 mm				
Width with packaging	1.140 mm				
Height with packaging	740 mm				
Depth with packaging	1.140 mm				
Airstream temperature at I <sub>Max</sub>	-10 °C up to 50 °C				
PTC DIN 44082	M 100				





Packing unit	1 piece
Range	С
GTIN (EAN)	4012799731399

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

Total efficiency η	40,9 %				
Measurement category	С				
Efficiency category	static				
Efficiency level N	43,8				
VSD necessary	No				
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				
Art. No.	0073.0139 3,464 kW / 14.591 m³/h / 349,6 Pa				
P <sub>BEP</sub> / Air volume <sub>BEP</sub> / P <sub>fs, BEP</sub>					
n <sub>BEP</sub>	1.470 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 <sub>BEP</sub>	6,39 A				
Sound power levelL <sub>WA7</sub>	94 dB(A)				

#### Sound power level in octave range

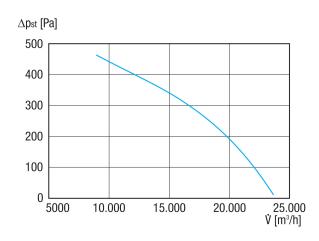
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total	
L <sub>WA5</sub> , S5	60	71	78	86	89	88	88	81	94	
(dB(A))										

L<sub>WA5</sub>= free inlet sound power level in dB.

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## Characteristic curve



# Dimensioned drawing [mm]

