

DAR 100/4-1 Ex



Short description

Axial duct fan, DN 1000, explosion-proof, nominal power 15 kW, medium: gas

Application examples

Production facility, Workplace, Process exhaust air, Industrial building

Article number 0073.0372

Technical data

Model	Motor variant 1
Air flow volume	70.000 m ³ /h
Rotating speed	1.440 1/min
Impeller type	axial
Rated voltage	400 V
Frequency	50 Hz
Nominal output	15.000 W
I _{nom}	27,85 A
I _{max}	28 A
Degree of protection	IP 55
Insulation class	F
Installation site	Duct connection
Installation position	vertical / horizontal
Housing material	Sheet steel, galvanised
Colour	grey
Weight	215 kg
Weight including packaging	232 kg
Nominal size	1.000 mm
Width	1.130 mm
Height	750 mm
Depth	1.130 mm
Width with packaging	1.200 mm
Height with packaging	1.040 mm
Depth with packaging	1.200 mm
EX designation in accordance with the ATEX Directive	Ex II 2 G
EX designation in accordance with standard	Ex db IIB+H2 T4 Gb X / Ex h IIB+H2 T4 Gb X
Ta ambient temperature	-20 °C ≤ Ta ≤ +40 °C
Operating mode	S1
PTC DIN 44082	M 100

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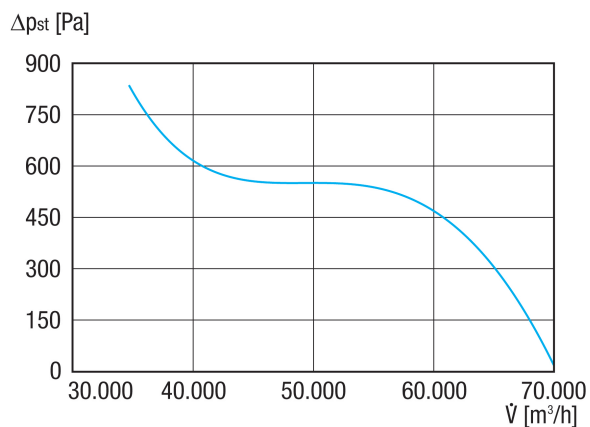
Temperature class	T4
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799733720

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))	79	90	107	104	105	103	100	95	111

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

Characteristic curve



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Dimensioned drawing [mm]

