

ERR 10/2 EC



Short description

Centrifugal duct fan, DN 100, air 362 m³/h, motor with EC technology

Application examples

Machine extraction unit, Workplace air extraction system, Production site

Article number 0073.0583

Technical data

Air flow volume	340 m ³ /h
Rotating speed	3.395 1/min
Impeller type	radial
Speed controllable	✓
Reversing capacity	–
SEC average	-26 kWh/(m ² *a)
Energy efficiency class	C
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz/60 Hz
Nominal output	122 W
I _{max}	1,01 A
Degree of protection	IP X4
Insulation class	F
Pole-changeable	–
Installation site	Duct
Installation position	vertical / horizontal
Material	Sheet steel, powder coated
Housing material	Sheet steel, powder coated
Colour	Light grey
Weight	3,5 kg
Weight including packaging	3,7 kg
Nominal size	100 mm
Width	215 mm
Height	269 mm
Depth	245 mm
Width with packaging	310 mm
Height with packaging	310 mm
Depth with packaging	270 mm

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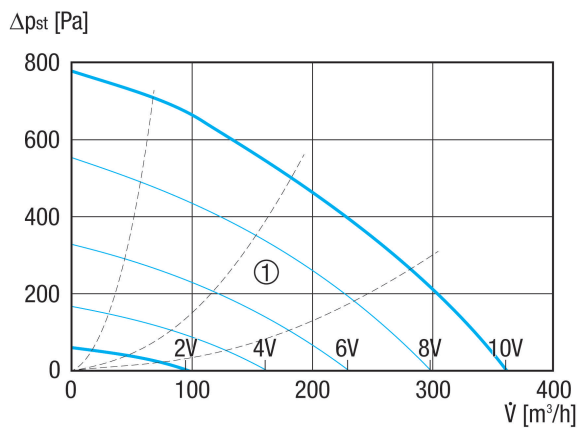
Airstream temperature at I_{Max}	-20 °C up to 60 °C
Sound pressure level	39 dB(A) (Distance 3 m, Free-field conditions)
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799735830

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, S2} (dB(A))	–	0	20	29	24	0	0	0	35
L_{WA5, S4} (dB(A))	–	0	28	35	35	31	23	0	45
L_{WA5, S6} (dB(A))	–	23	35	43	43	39	37	26	53
L_{WA5, S8} (dB(A))	–	27	40	48	49	45	44	35	59
L_{WA5, S10} (dB(A))	–	32	44	53	54	50	49	41	64

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

Characteristic curve



① Auxiliary characteristics curves for control voltage 2 - 10 V

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Dimensioned drawing [mm]

