

ERR 16/2 EC



Short description

Centrifugal duct fan, DN 160, air volume 903 m³/h, motor with EC technology

Application examples

Machine extraction unit, Workplace air extraction system, Production site

Article number 0073.0586

Technical data

Air flow volume	903 m ³ /h
Rotating speed	3.395 1/min
Impeller type	radial
Speed controllable	✓
Reversing capacity	–
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz/60 Hz
Nominal output	173 W
I _{max}	1,44 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	4,9 kg
Weight including packaging	5,2 kg
Nominal size	160 mm
Width	230 mm
Height	355 mm
Depth	333 mm
Width with packaging	300 mm
Height with packaging	390 mm
Depth with packaging	390 mm
Airstream temperature at I _{Max}	-20 °C up to 60 °C
Sound pressure level	33 dB(A) (Distance 3 m, Free-field conditions)

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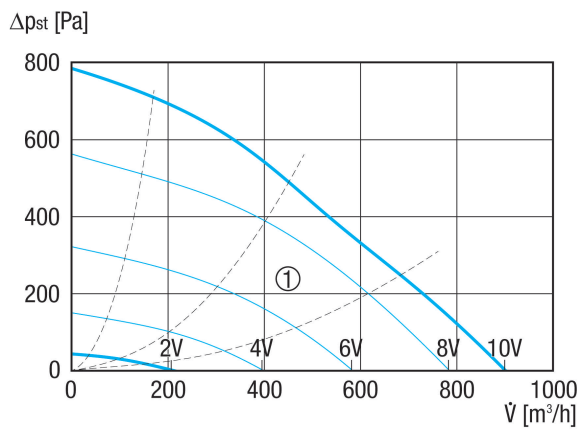
Packing unit	1 piece
Range	E
GTIN (EAN)	4012799735861

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))	–	15	14	26	25	0	0	0	0
L_{WA5, S4} (dB(A))	–	20	22	33	39	37	18	0	46
L_{WA5, S6} (dB(A))	–	28	34	45	47	46	36	0	56
L_{WA5, S8} (dB(A))	–	33	39	48	53	53	43	30	62
L_{WA5, S10} (dB(A))	–	35	43	52	57	57	47	37	66

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]

