

EZS 50/8 B



Short description

Axial wall fan with steel wall ring, DN 500, single-phase AC

Application examples

Production facility, Commercial premises, Garage, Building container, Storage facility

Article number 0094.0010

Technical data

Model	Steel wall ring
Air flow volume	4.200 m ³ /h
Rotating speed	715 1/min
Impeller type	axial
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Alternating current
Rated voltage	230 V
Frequency	50 Hz
Nominal output	110 W
I _{nom}	0,55 A
I _{max}	0,6 A
Degree of protection	IP 55
Insulation class	B
Pole-changeable	-
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Colour	Silver
Weight	14,16 kg
Weight including packaging	17,78 kg
Nominal size	500 mm
Width	700 mm
Height	700 mm
Depth	330 mm
Width with packaging	730 mm
Height with packaging	730 mm
Depth with packaging	400 mm

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Airstream temperature at nominal current	-20 °C up to 60 °C
Airstream temperature at I _{Max}	-20 °C up to 60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799940104

Sound power level in octave range

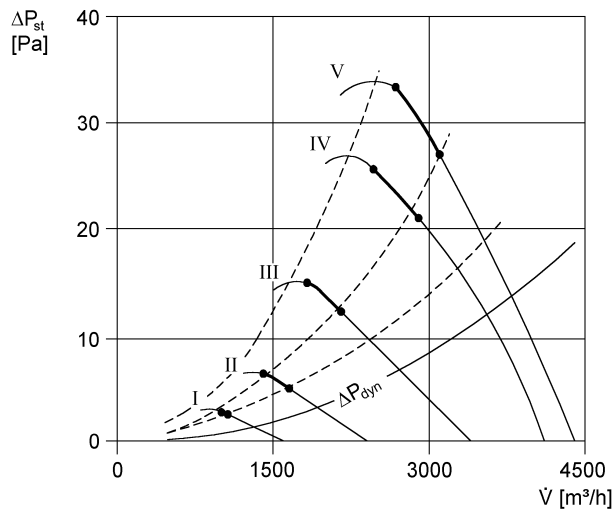
	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA7, S1} (dB(A))	13	27	28	34	30	21	11	10	37
L_{WA7, S2} (dB(A))	25	34	36	40	44	39	27	15	47
L_{WA7, S3} (dB(A))	37	40	45	50	56	54	45	33	59
L_{WA7, S4} (dB(A))	34	48	50	55	60	59	51	40	64
L_{WA7, S5} (dB(A))	31	54	51	56	61	60	53	42	65
L_{WA8, S1} (dB(A))	15	26	28	42	30	21	12	10	43
L_{WA8, S2} (dB(A))	29	33	36	40	42	38	27	16	46
L_{WA8, S3} (dB(A))	42	43	49	53	64	65	67	64	71
L_{WA8, S4} (dB(A))	44	52	54	57	67	68	69	67	74
L_{WA8, S5} (dB(A))	45	54	54	58	67	68	69	67	74

L_{WA7}= housing and free inlet sound power level in dB.

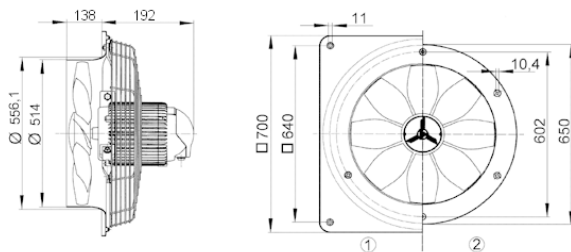
L_{WA8}= housing and free outlet sound power level in dB.

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Characteristic curve



Dimensioned drawing [mm]



- ① Steel wall plate = EZQ/DZQ version
 - ② Steel wall ring = EZS/DZS version
- The air flow direction is marked.
Standard exhaust air mode, air flow direction with air drawn across motor.