

DZS 50/86 B



Short description

Axial wall fan with steel wall ring, DN 500, three-phase AC, pole-changeable

Application examples

Production facility, Workshop, Garage, Building container, Storage facility

Article number 0094.0067

Technical data

Model	Steel wall ring
Air flow volume	4.200 m ³ /h / 5.700 m ³ /h
Rotating speed	725 1/min / 970 1/min
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	160 W / 300 W
I _{nom}	0,35 A / 0,65 A
I _{max}	0,5 A / 0,95 A
Degree of protection	IP 55
Insulation class	F
Pole-changeable	✓
Number of poles at high speed	6
Number of poles at low speed	8
Mains cable	5 x 1,5 mm ²
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Weight	23,9
Nominal size	500 mm
Airstream temperature at nominal current	60 °C
Airstream temperature at I _{Max}	60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799940678

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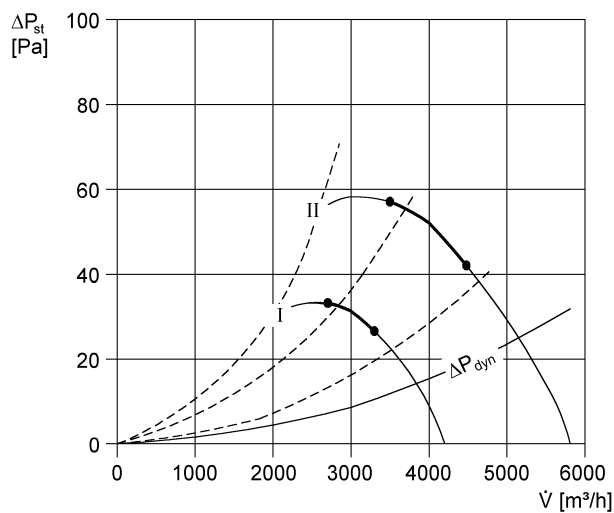
Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
L_{WA7, low} (dB(A))	30	52	55	57	61	61	53	41	66
L_{WA7, high} (dB(A))	32	56	60	65	68	68	62	52	73
L_{WA8, low} (dB(A))	46	54	56	60	67	68	69	67	74
L_{WA8, high} (dB(A))	51	60	62	65	71	72	72	69	78

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

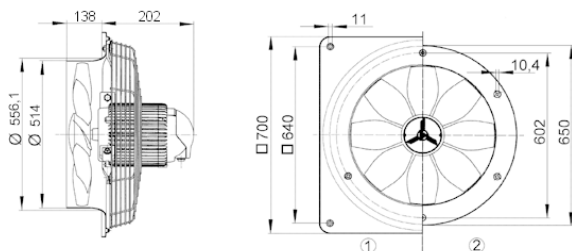
L_{WA8}= housing and free outlet sound power level in dB.

Characteristic curve



Dimensioned drawing [mm]

- ① Steel wall plate = EZQ/DZQ model
- ② Steel wall ring = EZS/DZS model



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