

# DZS 50/126 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 0094.0052

## Technical data

Model	Steel wall ring
Air flow volume	2.600 m <sup>3</sup> /h / 5.700 m <sup>3</sup> /h
Rotating speed	465 1/min / 930 1/min
Speed controllable	✓
Reversing capacity	✓
Type of voltage	Three-phase AC
Rated voltage	400 V
Frequency	50 Hz
Nominal output	60 W / 230 W
I <sub>nom</sub>	0,2 A / 0,6 A
I <sub>max</sub>	0,2 A / 0,75 A
Degree of protection	IP 55
Insulation class	B
Pole-changeable	✓
Number of poles at high speed	6
Number of poles at low speed	12
Mains cable	5 x 1,5 mm <sup>2</sup>
Installation site	Wall / Ceiling
Type of installation	Surface-mounted
Installation position	horizontal / vertical
Material	Sheet steel, galvanised
Weight	26,4 kg
Nominal size	500 mm
Airstream temperature at nominal current	60 °C
Airstream temperature at I <sub>Max</sub>	60 °C
Packing unit	1 piece
Range	C
GTIN (EAN)	4012799940524

# DZS 50/126 B

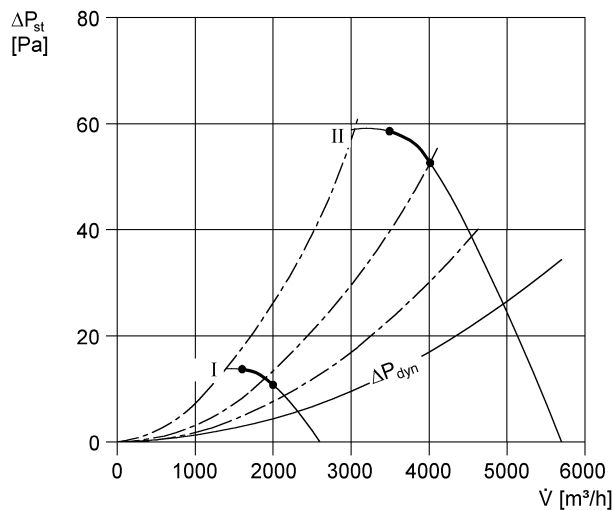
## Sound power level in octave range

	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
<b>L<sub>WA7, low</sub></b> <b>(dB(A))</b>	31	34	42	46	51	47	37	21	54
<b>L<sub>WA7, high</sub></b> <b>(dB(A))</b>	33	52	57	63	67	68	62	51	72
<b>L<sub>WA8, low</sub></b> <b>(dB(A))</b>	32	35	42	46	54	53	55	52.5	60
<b>L<sub>WA8, high</sub></b> <b>(dB(A))</b>	51	59	61	65	71	72	72	70	78

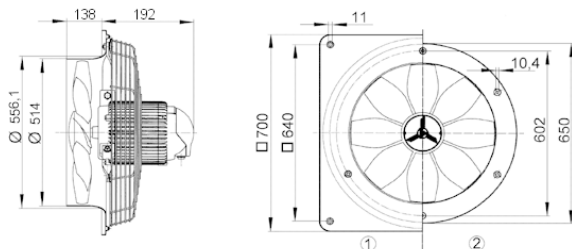
L<sub>WA7</sub>= housing and free inlet sound power level in dB.

L<sub>WA8</sub>= housing and free outlet sound power level in dB.

## 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.

DZS 50/126 B

