

The specified values apply to **max. voltage (AW.../E... 230V / AW.../D... 400V), free air!**
 The obtained sound values are to be regarded as a guideline!

Number of fans: 1
 Distance to sound source: 3m
 Number of reflectors: 1

The sound values are based on aerodynamic ideal conditions and free sound propagation. The values are not transferrable to entire facilities with additional noise sources caused by drive ore structure-borne noise.

AW 315/ E15

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	65	66	74	67	65	62	59	56	76
Sound power LWA (dB)	39	50	65	64	65	63	60	55	70
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	47	48	56	49	47	44	41	38	58
Sound pressure LpA (dB)	21	32	47	46	47	45	42	37	53

AW 350/ E15

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	67	74	70	69	67	64	61	58	77
Sound power LWA (dB)	41	58	61	66	67	65	62	57	72
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	49	56	52	51	49	46	43	40	60
Sound pressure LpA (dB)	23	40	43	48	49	47	44	39	54

AW 420/ E15

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	71	78	74	73	71	68	65	62	81
Sound power LWA (dB)	45	62	65	70	71	69	66	61	76
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	53	60	56	55	53	50	47	44	64
Sound pressure LpA (dB)	27	44	47	52	53	51	48	43	58

AW 500/ E35
AW500/D500

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	74	81	77	76	74	71	68	65	84
Sound power LWA (dB)	48	65	68	73	74	72	69	64	79
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	56	63	59	58	56	53	50	47	67
Sound pressure LpA (dB)	30	47	50	55	56	54	51	46	61

FISCHBACH Axial-Fan AW...
Sound data

FISCHBACH

Luft- und Ventilatorentechnik GmbH

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AW 560/ E65

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	75	82	78	77	75	72	69	66	85
Sound power LWA (dB)	49	66	69	74	75	73	70	65	80
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	57	64	60	59	57	54	51	48	68
Sound pressure LpA (dB)	31	48	51	56	57	55	52	47	62

AW 560/ D850

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	77	78	86	79	77	74	71	68	88
Sound power LWA (dB)	51	62	77	76	77	75	72	67	82
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	59	60	68	61	59	56	53	50	70
Sound pressure LpA (dB)	33	44	59	58	59	57	54	49	65

AW 630/ E80

AW 630/ D850

AW 630/ D1

Octave band (Hz)	63	125	250	500	1k	2k	4k	8k	Lin
Sound power LW (dB)	80	87	83	82	80	77	74	71	90
Sound power LWA (dB)	54	71	74	79	80	78	75	70	85
Attenuation (dB)	18	18	18	18	18	18	18	18	
Sound pressure Lp (dB)	62	69	65	64	62	59	56	53	73
Sound pressure LpA (dB)	36	53	56	61	62	60	57	52	67