

Machine Mart®

Systemair AW Axial Fans



Flexible

The AW fans are designed for extracting air in low pressure systems. They can be installed in any position and way according to your demands.

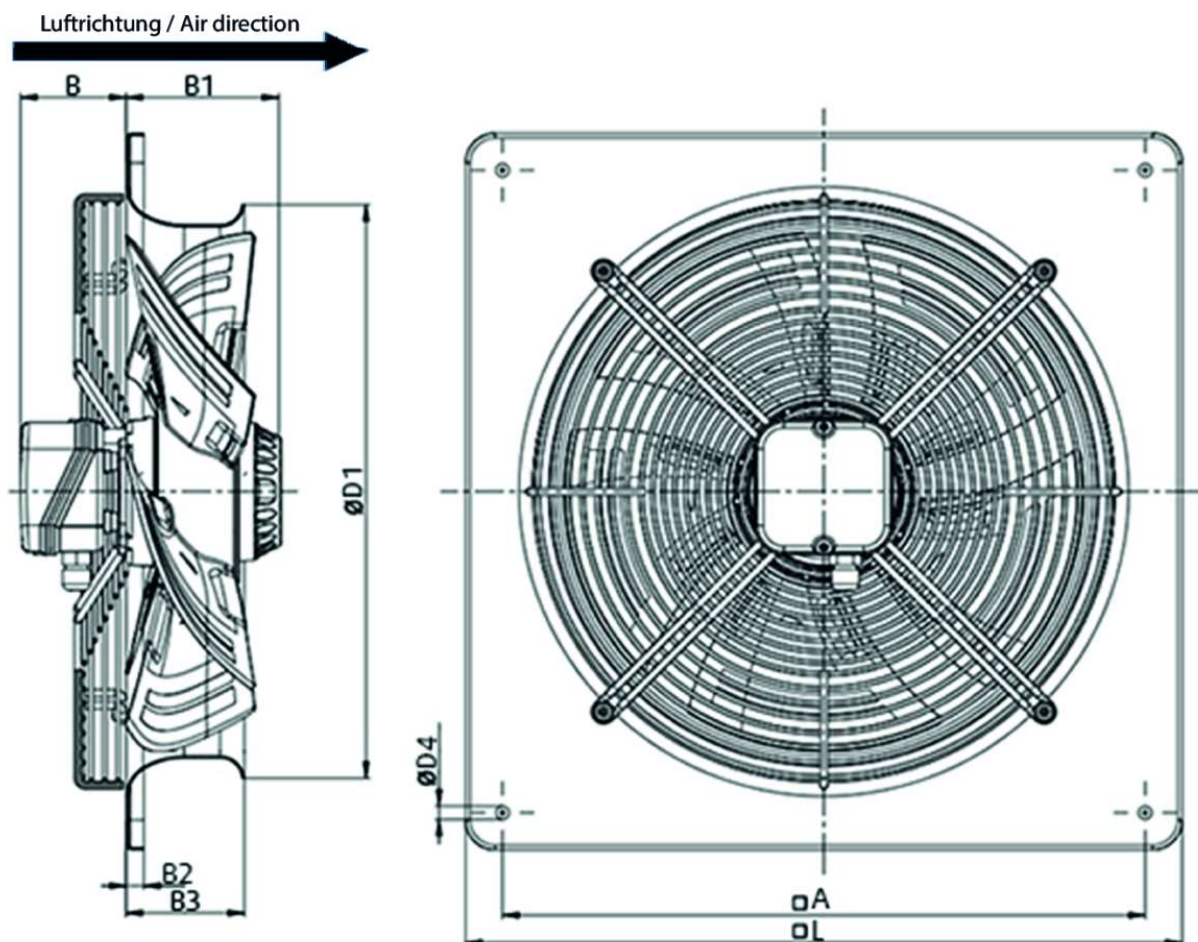
This ensures that the fans can be used in a variety of commercial and industrial applications.

Performance

The noise optimized axial impellers together with the high efficient external rotor motors are designed to ensure high-level performance to minimize power consumption and maximize efficiency.

		AW 315E4	AW 350E4	AW 400E4	AW450E4	AW500E4	AW560E4	AW630E4
		37407	34123	34164	37411	37412	37413	37414
Nominal data								
Voltage (nominal)	V	230	230	230	230	230	230	230
Frequency	Hz	50	50	50	50	50	50	50
Phases		1~	1~	1~	1~	1~	1~	1~
Input power	W	160	170	260	600	720	1,150	600
Input power kW	kW	0.16	0.17	0.26	0.6	0.72	1.15	0.6
Input current	A	0.67	0.75	1.15	2.9	3.2	5.6	2.8
Impeller speed	rpm	1,300	1,260	1,320	1,390	1,240	1,420	920
Air flow	m³/s	max 0.6767	max 0.91	max 1.226	max 2.028	max 2.466	max 3.314	max 2.951
Capacitance of capacitor	µF	5	5	5	14	16	25	14
Temperature of transported air	°C	max 50	max 60	max 55	max 70	max 70	max 70	max 70
Max temperature of transported air, when speed controlled	°C	50	60	55	70	70	70	70
Sound data								
Sound pressure level at 1m	dB(A)	59	62	66				
Protection/Classification								
Enclosure class, motor		IP44	IP44	IP54	IP54	IP54	IP54	IP54
Insulation class		F	F	F		F	F	F
Dimensions and weights								
Duct dimension; Circular, inlet	mm	315	350	400	450	500	560	630
Weight	kg	6	6.8	8.7	16.2	20	31.7	26.5
Others								
Color name, casing		Black	Black	Black		Black		Black
Motor type		AC	AC	AC	AC	AC	AC	AC

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	□A	B	B1	B2	B3	B4	ØD1	ØD2	ØD4	□L
AW 315E4	380	63	132	11	173	48	349		9	430
AW 350E4	435	68	132	12	173	49	390		9	485
AW 400E4	490	88	146	12	182	54	420	412	9	540
AW450E4	535	96	190	14	226	47	480	463	11	575
AW500E4	615	104	204	16	226	62	531	517	11	655
AW560E4	675	119	243	16	266	75	589	568	11	725
AW630E4	750	130	225	20	246	50	664	643	11	805