



- Impeller with energetically optimized blade geometry
- Speed controllable
- Terminal box mounted on the motor
- Can be installed in any position

Casing

Square wall plate made from galvanised sheet steel, black powder coated (RAL 9005). Sizes 200-630 include a protection guard on the intake side. Protection guards for the 710-1000 sizes are available as an accessory.

Motor

Speed-controllable external rotor motors.

Impeller geometry

Axial impeller made of black high-efficiency composite material (size 200 - 450) or black coated pressure die-cast aluminium (size 450 - 1000) with energetically optimized blade geometry. The AW300E2 has a sickle bladed impeller made of black coated sheet metal.

Power control

Speed-controllable by voltage reduction. The option of 2-step operation by D/Y switching for 3~/400V versions.

Motor protection

Integrated thermal contacts for motor protection, which needs to be connected to a motor protection unit.

You can find more information in our online catalogue on www.systemair.com

Accessories



VK
Louvre shutter
Page 365



SG-AW-D
Protection guard
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SG AW
Protection guard
Page 400

Electrical accessories



S-ET
Motor protection
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STD-T
Motor protection
Page 349



AWE-SK
Motor protection
Page 349



S-DT2 SKT
Speed switch
Page 328



RTRD / RTRDU
Speed control
Page 335



REE
Speed control
Page 333



RTRE
Speed control
Page 332

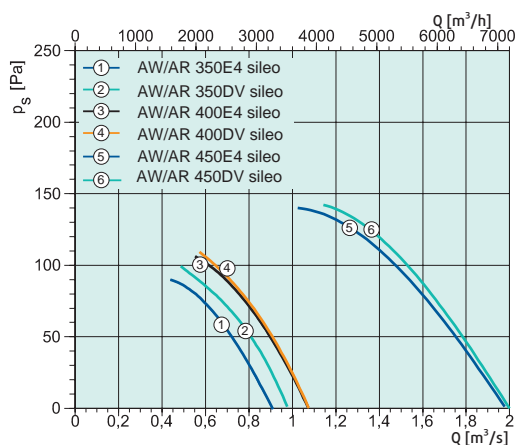
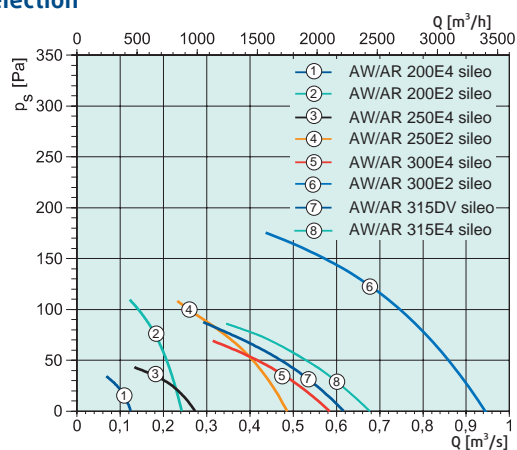


REU
Speed control
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REV
Switching device
Page 360

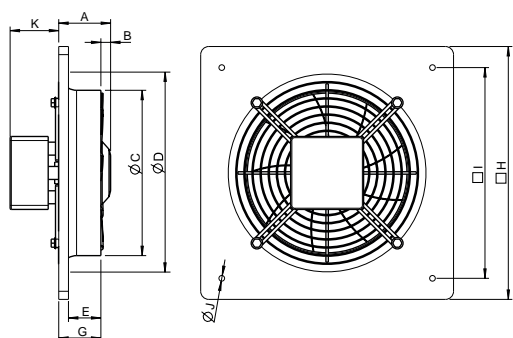
Quick selection



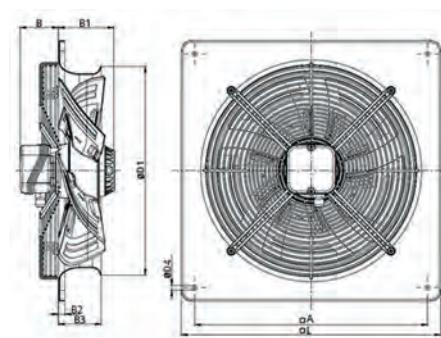
Quick selection for larger sizes also on page 178

Dimensions

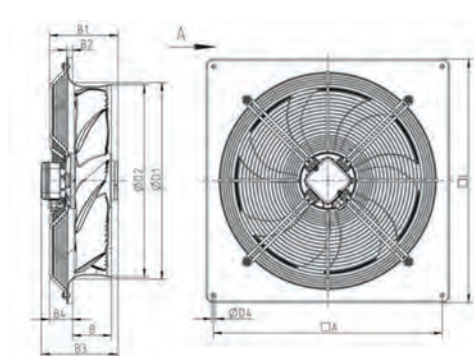
AW 200E2-300E2



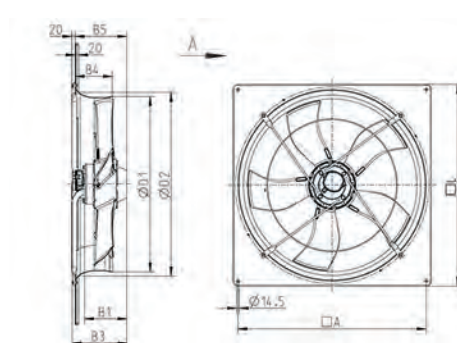
AW 300E4-350E4



AW 400DV-910DS



AW 1000DS, L**



AW	A	B	ØC	ØD	E	G	□H	□I	ØJ	K
AW 200E2, E4	63	11	203	-	46	52	312	260	7	65
AW 250E2	73	17	260	-	51	57	370	320	7	65
AW 250E4	63	7	257	-	51	57	370	320	7	65
AW 300E2	111	25	326	330	65	77	430	380	9	60

AW	B	B1	ØD1	B2	B3	□A	□L	ØD4
AW 300E4	76	-	327	11	80	380	430	9
AW 315DV	79	83	345	11	73	380	430	9
AW 315E4	76	83	345	11	73	380	430	9
AW 350DV, E4	72	105	417	12	80	435	485	9

AW	□A	B	B1	B2	B3	B4	ØD1	ØD2	ØD4	□L
AW 400DV, E4	490	88	146	12	182	54	420	412	9	540
AW 450DV, E4	535	96	190	14	226	47	480	463	11	575
AW 500DV, E4	615	104	204	16	226	62	531	517	11	655
AW 560DV	675	119	223	16	245	60	589	568	11	725
AW 560E4	675	119	243	16	266	75	589	568	11	725
AW 630DV, E6	750	130	225	20	246	50	664	643	11	805
AW 630DS	750	130	207	20	225	52	664	643	11	805
AW 710DV	810	228	-	20	298	37	763	720	14.5	850
AW 710DS, E6	810	150	-	20	272	37	763	720	14.5	850
AW 800DS	910	193	-	17	319	67	869	804	14.5	970
AW 910DS	1010	220	293	-	293	205	977	922	-	1070

AW	□A	B1	B3	B4	B5	ØD1	ØD2	□L
AW 1000DS	1110	250	323	220	305	1016	1067	1170
AW 1000DS-L**	1110	250	400	200	321.5	1016	1067	1170

(**) Only for use outside the EEA (European Economic Area), see Ecodesign regulation 327/2011

Technical data

AW		AW 200E2 sileo	AW 200E4 sileo	AW 250E2 sileo	AW 250E4 sileo	AW 300E2 sileo	AW 300E4 sileo
Art. no.		37402	37403	37404	37405	5801	37406
Voltage	V	1x230	1x230	1x230	1x230	1x230	1x230
Frequency	Hz	50	50	50	60	50	50
Input power (P1)	W	71.2	15.9	148	58.1	309	71,6
Current	A	0.321	0.069	0.647	0.253	1.35	0.316
Max. temperature of transported air	°C	65	80	65	70	50	50
* when speed-controlled	°C	65	80	65	70	50	50
Sound pressure level at 1 m	dB(A)	55	42	62	52	67	52
Weight	kg	3	2.9	4	3.6	6.2	4.9
Insulation class		B	B	B	B	B	B

AW		AW 315DV sileo	AW 315E4 sileo	AW 350DV sileo	AW 350E4 sileo	AW 400DV sileo	AW 400E4 sileo
Art. no.		37408	37407	37410	37409	34124	34125
Voltage	V	3x400	1x230	3x400	1x230	3x400	1x230
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	112	145	168	167	223	241
Current	A	0.273	0.655	0.36	0.731	0.44	1.06
Max. temperature of transported air	°C	60	65	45	65	70	65
* when speed-controlled	°C	60	65	45	65	70	65
Sound pressure level at 1 m	dB(A)	58	55	60	58	60	60
Weight	kg	5.3	5.7	8.8	6.8	8.7	8.7
Insulation class		F	F	B	F	F	F

AW		AW 450DV sileo	AW 450E4 sileo	AW 500DV sileo	AW 500E4 sileo	AW 560DV sileo	AW 560E4 sileo
Art. no.		34126	37411	34131	37412	34134	37413
Voltage	V	3x400	1x230	3x400	1x230	3x400	1x230
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	545	607	770	727	1044	1157
Current	A	1.08	2.88	1.72	3.2	2.2	5.5
Max. temperature of transported air	°C	70	70	70	70	70	70
* when speed-controlled	°C	70	70	70	70	70	70
Sound pressure level at 1 m	dB(A)	63	63	63	62	70	72
Weight	kg	14.6	16.2	20.1	20	24	31.7
Insulation class		F	F	F	F	F	F

Technical data

AW		AW 630DV sileo	AW 630DS sileo	AW 630E6 sileo	AW 710DV sileo	AW 710DS sileo	AW 710E6 sileo
Art. no.		37415	34138	37414	34140	34141	34142
Voltage	V	3x400	3x400	1x230	3x400	3x400	1x230
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	1935	629	609	2646	1000	950
Current	A	3.41	1.26	2.79	4.89	2.46	4.32
Max. temperature of transported air	°C	60	70	70	60	70	65
* when speed-controlled	°C	60	70	70	60	70	65
Sound pressure level at 1 m	dB(A)	74	60	63	72	62	63
Weight	kg	34.2	24.1	26.5	35	34.2	34
Insulation class		F	F	F	F	F	F

AW		AW 800DS sileo	AW 910DS sileo	AW 1000DS sileo	AW 1000DS-L ** sileo
Art. no.		37416	34157	34144	36148
Voltage	V	3x400	3x400	3x400	3x400
Frequency	Hz	50	50	50	50
Input power (P1)	W	1648	1947	2728	5597
Current	A	3.67	4.42	5.33	10.6
Max. temperature of transported air	°C	65	70	70	60
* when speed-controlled	°C	65	70	70	60
Sound pressure level at 1 m	dB(A)	65	68	68	83
Weight	kg	53	58.1	67	109
Insulation class		F	F	F	F

AW	Motor protection	Transformer	Thyristor
AW 200E2 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 1*
AW 200E4 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 1*
AW 250E2 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 1*
AW 250E4 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 1*
AW 300E2 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 2*
AW 300E4 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 1*
AW 315DV sileo	STDT 16	RTRD 2 / RTRDU 2	-
AW 315E4 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	-
AW 350DV sileo	STDT 16	RTRD 2 / RTRDU 2	-
AW 350E4 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 1*
AW 400DV sileo	STDT 16	RTRD 2 / RTRDU 2	-
AW 400E4 sileo	S-ET 10	RTRE 1,5 / REU 1,5*	REE 2*
AW 450E4 sileo	STDT 16	RTRD 2 / RTRDU 2	-
AW 450DV sileo	S-ET 10	RTRE 5 / REU 5*	-
AW 500DV sileo	STDT 16	RTRD 2 / RTRDU 2	-
AW 500E4 sileo	S-ET 10	RTRE 5 / REU 5*	-
AW 560DV sileo	STDT 16	RTRD 3 / RTRDU 4	-
AW 560E4 sileo	S-ET 10	RTRE 7 / REU 12	-
AW 630DV sileo	STDT 16	RTRD 4 / RTRDU 4	-
AW 630DS sileo	STDT 16	RTRD 2 / RTRDU 2	-
AW 630E6 sileo	S-ET 10	RTRE 3 / REU 3*	-
AW 710DV sileo	STDT 16	RTRD 5.2 / RTRDU 7	-
AW 710DS sileo	STDT 16	RTRD 3 / RTRDU 4	-
AW 710E6 sileo	S-ET 10	RTRE 5 / REU 5*	-
AW 800DS sileo	STDT 16	RTRD 4 / RTRDU 4	-
AW 910DS sileo	STDT 16	RTRD 5.2 / RTRDU 7	-
AW 1000DS sileo	STDT 16	RTRD 7 / RTRDU 7	-
AW 1000DS-L **	STDT	RTRD 14	-

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