



- Speed-controllable
- Safe and maintenance free operation
- Can be installed in any mounting position
- Electric connection via terminal box mounted on the casing

Accessories



EV-AR/AXC
Flex. connection
Page 405



GFL-AR/AXC
Counterflange
Page 403



MFA-AR/AXC
Mounting feet
Page 401



SG AR/AXC
Protection guard
Page 400

Electrical accessories



S-ET
Motor protection
Page 349



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
Page 332



REV
Switching device
Page 360

Low pressure axial fans

Casing

Circular casing with Eurovent 1/2 compliant flanges made from galvanised steel. Sizes 200-630 include a protection guard on the intake side, black powder coated. Protection guards for the 710-1000 sizes are available as an accessory.

Motor

Voltage controllable external rotor motors.

Impeller geometry

Free running axial impeller made from a black high-performance composite material (sizes 200-450) or aluminium (sizes 450-1000), with bionically designed blade geometry.

Output control

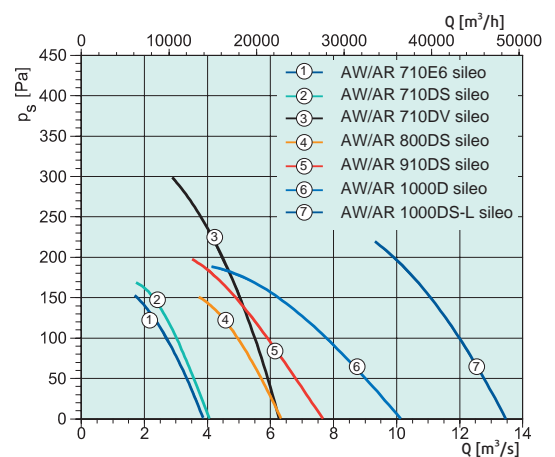
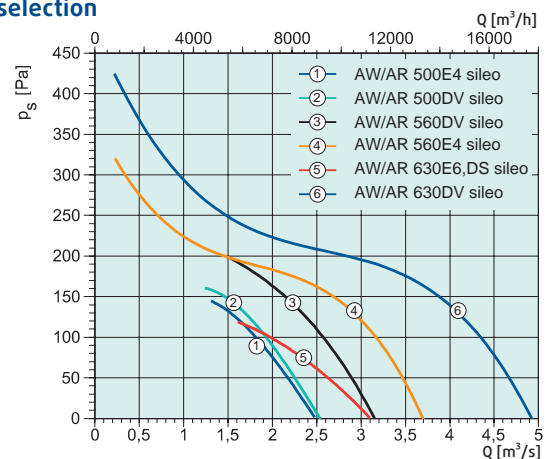
Speed-controllable via voltage reduction using a transformer or thyristor. Star-delta operation is possible for 3~/400 V types.

Motor protection

Integrated thermal contacts with cables for connection to a motor protection switching device.

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

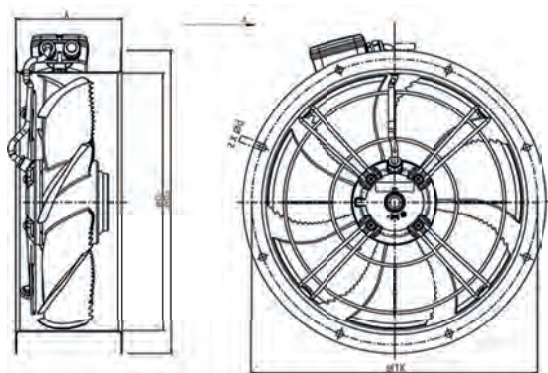
Quick selection



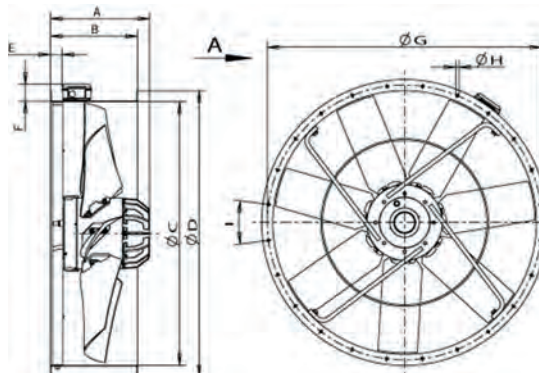
Quick selection for smaller sizes also on page 182

Dimensions

AR 200-1000



AR 1000DS-L sileo



AR	A	ØDi	ØDa	z x Ød	ØTK
AR 200E2 sileo	135	200	250	4 x Ø7	225
AR 200E4 sileo	135	200	250	4 x Ø7	225
AR 250E2 sileo	135	257	305	4 x Ø7	280
AR 250E4 sileo	135	257	305	4 x Ø7	280
AR 300E2	125	320	382	8 x Ø9.5	355
AR 300E4 sileo	135	320	382	8 x Ø9.5	356
AR 315E4 sileo	135	320	382	8 x Ø9.5	356
AR 315DV sileo	135	320	382	8 x Ø9.5	356
AR 350E4 sileo	135	360	423	8 x Ø9.5	395
AR 350DV sileo	135	360	423	8 x Ø9.5	395
AR 400E4 sileo	155	400	480	8 x Ø12	450
AR 400DV sileo	155	400	480	8 x Ø12	450
AR 450E4 sileo	185	451	530	8 x Ø12	500
AR 450DV sileo	185	451	530	8 x Ø12	500
AR 500E4 sileo	205	503	590	12 x Ø12	560
AR 500 DV sileo	205	503	590	12 x Ø12	560
AR 560E4 sileo	235	559	650	12 x Ø11.5	620
AR 560 DV sileo	235	559	650	12 x Ø11.5	620
AR 630E6 sileo	235	634	720	12 x Ø11.5	690
AR 630 DS sileo	235	634	720	12 x Ø11.5	690
AR 630 DV sileo	235	634	720	12 x Ø11.5	690
AR 710E6 sileo	260	711	800	16 x Ø11.5	770
AR 710 DV sileo	260	711	800	16 x Ø11.5	770
AR 710DS sileo	260	711	800	16 x Ø11.5	770
AR 800DS sileo	280	797	890	16 x Ø11.5	860
AR 900DS sileo	330	914	1005	16 x Ø14.5	970
AR 1000DS sileo	330	1001	1105	16 x Ø14.5	1070

AR	A	B	ØC	ØD	E	F	ØG	ØH	I
AR 1000DS-L sileo	376	330	1001	1105	44.5	63	1070	14.5	16x22,5°

Technical data

AR		AR 200E2 sileo	AR 200E4 sileo	AR 250E2 sileo	AR 250E4 sileo	AR 300E2	AR 300E4 sileo
Art. no.		37374	37375	37376	37377	34461	37378
Voltage	V	1x230	1x230	1x230	1x230	1x230	1x230
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	71.2	15.9	148	49.6	260	71.6
Current	A	0.321	0.069	0.647	0.217	1.14	0.316
Max. temperature of transported air	°C	65	80	65	40	50	50
* when speed-controlled	°C	65	80	65	40	50	50
Sound pressure level at 1 m	dB(A)	55	42	62	48	60	52
Weight	kg	3.7	3.9	4.2	4	6.2	5.9
Insulation class		B	B	B	B	B	F

AR		AR 315E4 sileo	AR 315DV sileo	AR 350E4 sileo	AR 350DV sileo	AR 400E4 sileo	AR 400DV sileo
Art. no.		37379	37380	37381	37382	37383	37384
Voltage	V	1x230	3x400	1x230	3x400	1x230	3x400
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	145	112	167	168	241	223
Current	A	0.655	0.273	0.731	0.36	1.06	0.44
Max. temperature of transported air	°C	65	60	65	45	65	70
* when speed-controlled	°C	65	60	65	45	65	70
Sound pressure level at 1 m	dB(A)	55	58	58	60	60	60
Weight	kg	6.5	7.1	7.5	7.6	8.7	8.7
Insulation class		F	B	F	B	F	F

AR		AR 450E4 sileo	AR 450DV sileo	AR 500E4 sileo	AR 500DV sileo	AR 560E4 sileo	AR 560DV sileo
Art. no.		37385	37386	37387	37388	37389	37390
Voltage	V	1x230	3x400	1x230	3x400	1x230	3x400
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	607	545	727	770	1157	1044
Current	A	2.88	1.08	3.2	1.72	5.5	2.2
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)	62	63	62	63	72	70
Weight	kg	17	15.4	18.6	18.6	31.7	23.2
Insulation class		F	F	F	F	F	F

Technical data

AR		AR 630E6 sileo	AR 630DV sileo	AR 630DS sileo	AR 710E6 sileo	AR 710DV sileo	AR 710DS sileo
Art. no.		37391	37392	37393	34482	34483	34484
Voltage	V	1x230	3x400	3x400	1x230	3x400	3x400
Frequency	Hz	50	50	50	50	50	50
Input power (P1)	W	609	1935	629	950	2646	1000
Current	A	2.79	3.41	1.26	4.32	4.89	2.46
Max. temperature of transported air	°C	70	60	70	65	60	70
* when speed-controlled	°C	70	60	70	65	60	70
Sound pressure level at 1 m	dB(A)	66	74	60	63	72	62
Weight	kg	25	34.2	24.5	35.7	38	36
Insulation class		F	F	F	F	F	F

AR		AR 800DS sileo	AR 910DS sileo	AR 1000DS sileo	AR 1000DS-L **
Art. no.		37418	34486	34487	36147
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	49.3	59	74	98
Insulation class		F	F	F	F

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