



AR 560DV sileo Axial fan

Item number: **#37390**

Operating mode: **400V 3~ 50Hz - D (Delta)**

Low-pressure axial duct fan

- Available with **AC motors** for **50** and **60Hz**
- Installation in **any position**
- **Noise** and **energy-optimised** impeller

[Find more details in our online catalogue](#)

Technical parameters

Nominal data

Voltage (nominal)	400	V
Frequency	50	Hz
Phases	3~	
Motor circuit connection	D	
Input power	1050	W
Input power kW	1.05	kW
Input current	2.2	A
Impeller speed	1280	rpm
Air flow	max. 3.151	m ³ /s
Air flow at max. efficiency	2.062	m ³ /s
Specific ratio	1	
Temperature of transported air	max. 70	°C
Max temperature of transported air, when speed controlled	70	°C

Protection/Classification

Enclosure class, motor	IP54
Insulation class	F

Data according to ErP

ErP ready	ErP 2018
Measurement category	A
Efficiency grade	40.1 η_{actual}
Efficiency, static	33.7 η_{statA}
Target efficiency grade ErP2013	36 $\eta_{target2013}$
Target efficiency grade ErP2015	40 $\eta_{target2015}$

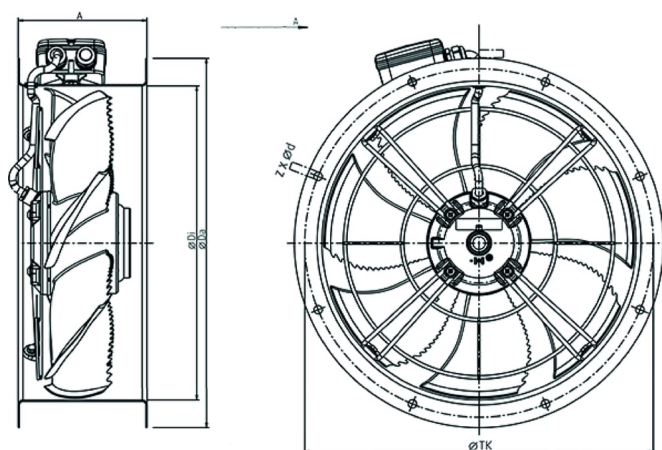
Dimensions and weights

Duct dimension; Circular, inlet	560	mm
Duct dimension; Circular, outlet	560	mm
Weight	23.2	kg

Others

Duct connection type	Circular
Color name, casing	Black
Motor type	AC

Dimension



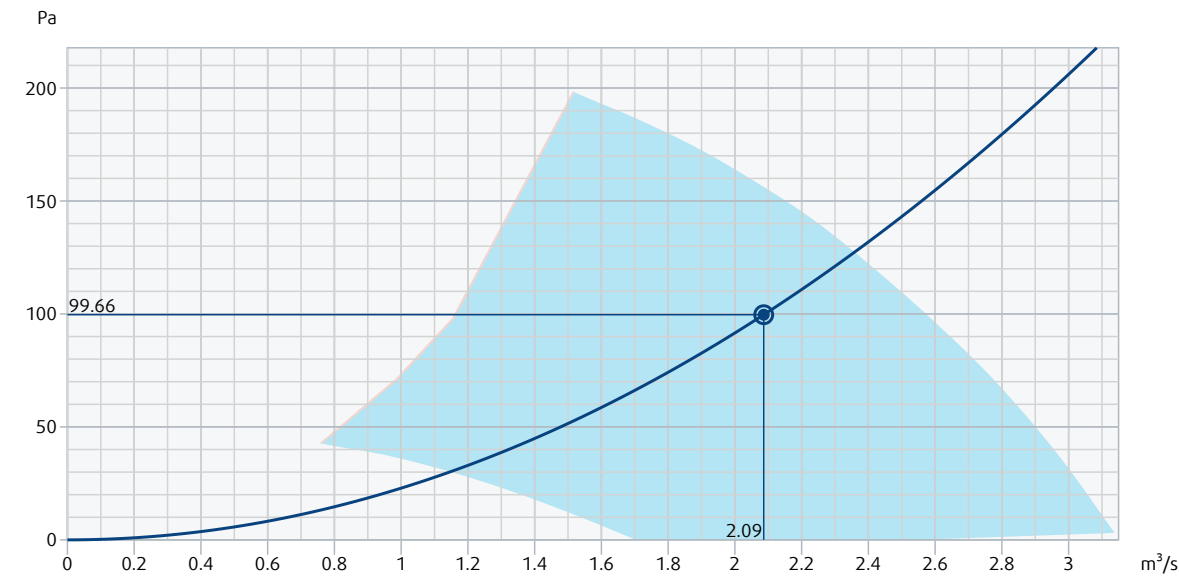
	A	ØDi	ØDa	ØTK	z x Ød
AR 560 sileo	235	559	650	620	12 x Ø11,5

Wiring



- High speed
- Low Speed
- Δ-Connection
- Y-Connection

Performance curve



Hydraulic data											
Required air flow		2.09 m³/s									
Required static pressure		100 Pa									
Working air flow		2.09 m³/s									
Working static pressure		100 Pa									
Air density		1.204 kg/m³									
Power		767.0 W									
Fan control - RPM		1,159 rpm									
Current		1.93 A									
SFP		0.368 kW/m³/s									
Control voltage		322.5 V									
Supply voltage		323 V									
Sound power level			63	125	250	500	1k	2k	4k	8k	Total
Inlet		dB(A)	25	44	54	64	72	73	68	58	76
Outlet		dB(A)	23	43	55	66	72	72	67	58	76
Sound pressure level at 3m (20m² Sabine)		dB(A)	-	-	-	-	-	-	-	-	69
Sound pressure level at 3m free field		dB(A)	-	-	-	-	-	-	-	-	55

AHU Accessories

- EV-AR/AXC 560 flex.conn. 70°C, 8357 (8357)
- FRQS-4A V2, 36231 (36231)
- GFL-AR/AXC 560 counter flange, 8381 (8381)
- REV-5POL/07 ON/OFF, 33980 (33980)
- RTRDU 4 Speed contr. Systemair, 5946 (5946)
- S-DT2SKT Two speed switch Y/D, 2697 (2697)

- FRQ5S-4A+LED V2, 36233 (36233)
- FXDMSAM Frequency inv. IP54, 31387 (31387)
- MFA-AXC 560, 1 pc. 311288 (311288)
- RTRD 3 Speed control IP54, 32594 (32594)
- S-DT 16E Motor Protection, 161207 (161207)
- SG AXC/AM/AR 560 guard grill, 310690 (310690)

Documents

installation variations_1_AR_AW.pdf

L-BAL-001-SYSTEMAIR.PDF