


Low pressure axial duct fan

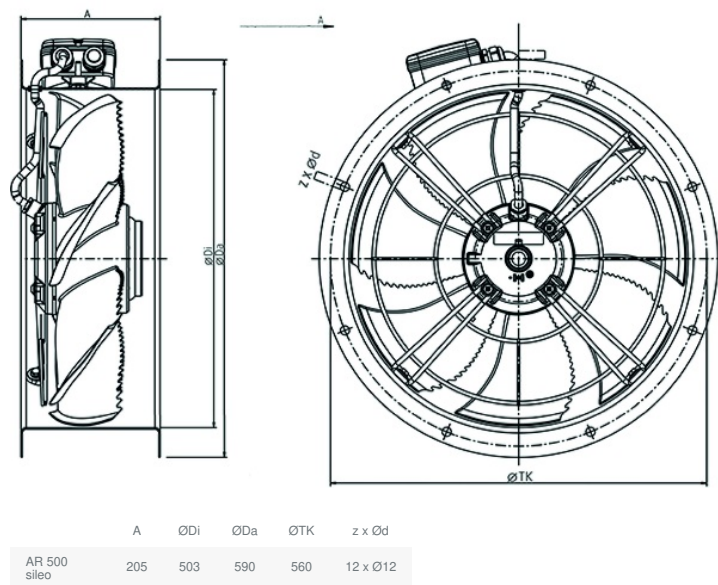
- Available with AC motors for 50 and 60Hz
- Installation in any position
- Noise and energy optimized impeller

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

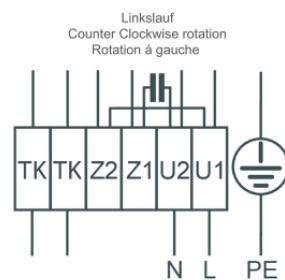
Technical parameters

Nominal data		
Voltage (nominal)	230	V
Frequency	50	Hz
Phases	1~	
Motor circuit connection	D	
Input power	720	W
Input power kW	0.72	kW
Input current	3.2	A
Impeller speed	1,240	rpm
Air flow	max 2.466	m³/s
Air flow at max. efficiency	1.593	m³/s
Specific ratio	1	
Capacitance of capacitor	16	µF
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	40.3	η _{actual}
Efficiency, static	32.9	η _{statA}
Target efficiency grade ErP2013	36	η _{target2013}
Target efficiency grade ErP2015	40	η _{target2015}
Dimensions and weights		
Duct dimension; Circular, inlet	500	mm
Duct dimension; Circular, outlet	500	mm
Weight	18.6	kg

Dimension

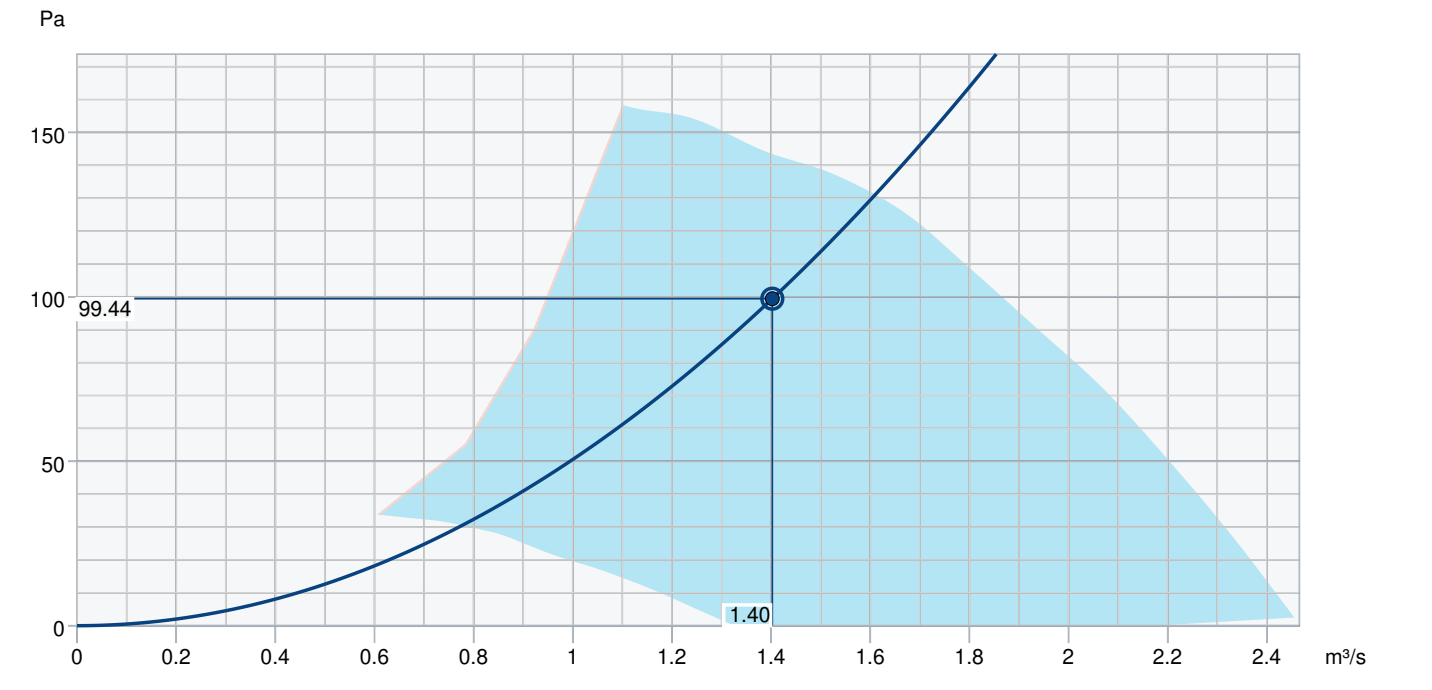


Wiring



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

Performance curve



Hydraulic data										
Required air flow		1.40 m³/s								
Required static pressure		99 Pa								
Working air flow		1.40 m³/s								
Working static pressure		99 Pa								
Air density		1.204 kg/m³								
Power		571.1 W								
Fan control - RPM		1,098 rpm								
Current		3.08 A								
SFP		0.407 kW/m³/s								
Control voltage		188.0 V								
Supply voltage		188 V								
Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	24	39	48	57	64	64	59	51	68
Outlet	dB(A)	24	40	50	58	64	64	59	52	68
AMCA Certified Rating statements										

• Catalogue Version:

Accessories

EV-AR/AXC 500 flex.conn. 70°C (8356)	Frequency converter FRQ5SE-6A (37421)
GFL-AR/AXC 500 counter flange (8380)	MFA-AXC/AM 500 mounting foot (311287)
Motor protect. switch S-ET 10 (161199)	REE 4 Speed control (5317)
REU 5 Speed control (5006)	REV-5POL/05-7.5kW R/Y (33979)
RTRE 5 Speed control (5010)	Frequency converter FRQSE-6A (37419)

Documents

L-BAL-001-SYSTEMAIR.PDF
UKCA Declaration of Conformity_002
installation variations_1_AR_AW.pdf