

ZAC 400-41 Cased axial fan

Article Number: 8542

Variant : 230V 1~ 50Hz



Description

The ZAC range of short-cased axial fans is based around the Ziehl-Abegg external rotor motor and an aerodynamically designed impeller to provide a very compact, efficient unit. Key features are:-

Diecast aluminium blades with high efficiency aerofoil blade design

Maintenance free, sealed-for-life bearings

Insulation class 'F' and IP54 protection

Operating range of -40°C to 60°C or 70°C

TK thermal protection

100% speed controllable motor

Galvanised steel casing incorporating a flange at either end

Corrosion resistant paint in pebble grey RAL7032

IP54 terminal box located on outside of fan casing

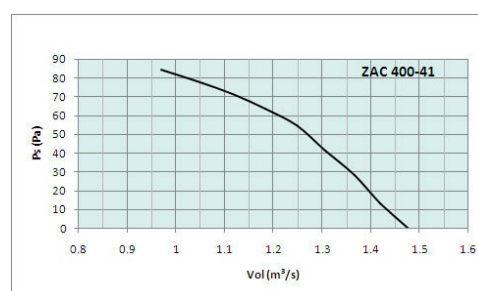
All fans are suitable for reverse operating conditions with a reduction in performance. Guards are available as an accessory.

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

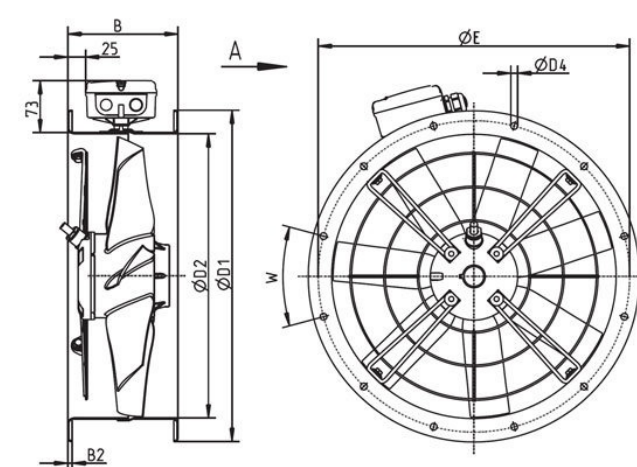
Technical parameters

Nominal data	
Voltage (Nominal)	230 V
Frequency	50 Hz
Phase(s)	1~
Input power	290 W
Input current	1.45 A
Impeller speed	1,350 r.p.m.
Air flow	max 1.401 m³/s
Capacitance of capacitor	5 µF
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Sound data	
Sound pressure level at 3m (20m² Sabin)	60 dB(A)
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	F
Dimensions and weights	
Weight	9.2 kg
Others	
Motor type	AC

Performances



Dimension



ZAC 400-41	B	B2	D1	D2	D4	E	W
	155	6	466	400	9.5	438	12 X 30°

Wiring

104XA

Luftförrichtung: V

Direction of airflow: V

Drehrichtung: Rechtslauf

Direction of rotation: clockwise

1~Motor mit Kondensator und Thermostatschalter (falls eingebaut).

1~Motor with capacitor and thermostatic switch (if built in).

Moteur monophasé avec condensateur et interrupteur thermostatique (si incorporé).

U1
U2
Z1
Z2
TB

braun
blau
schwarz
orange
weiß

brun
bleu
noir
orange
blanc

104XA-02

Rechtslauf
Clockwise rotation
Rotation à droite

104XB

Luftförrichtung: A

Direction of airflow: A

Drehrichtung: Linkslauf

Direction of rotation: counter clockwise

1~Motor mit Kondensator und Thermostatschalter (falls eingebaut).

1~Motor with capacitor and thermostatic switch (if built in).

Moteur monophasé avec condensateur et interrupteur thermostatique (si incorporé).

U1
U2
Z1
Z2
TB

braun
blau
schwarz
orange
weiß

brun
bleu
noir
orange
blanc

104XB-02

Linkslauf
Counter Clockwise rotation
Rotation à gauche

Anschlusschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conservier le schéma de raccordement dans la boîte à bornes.

Anschlusschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conservier le schéma de raccordement dans la boîte à bornes.

Accessories

- REE 2 Speed control (5316)
- APK 400X Ancil Pack Dual Drill (8038)
- FSAF400B2DB Silencer 438/12 (58294)
- FSAF400FTX Mtg ft ea dual (53085)
- FSAFAV MP0 33 Green each (8940)
- RTRE 1,5 Speed control (5008)
- FSAF400B1DB Silencer 438/12 (58283)
- FSAF400FC Flx con ea 90 °C (8633)
- FSAF400MFX Flange ea dual (58204)

Documents

Operating Instruction axial fans L-BAL-001-GB[1].pdf