Exhaust Fans
BFS Series Explosion-proof Wall-mounted Exhaust Fans

- Explosion protection to
  -CENELEC
  -IEC
- Can be used in
  Zone 1 and Zone 2
- Enclosure in carbon steel or stainless steel
- Comprehensive Design: Comprising an explosion-proof motor, impellers, and an integrated mounting bracket, ensuring reliable installation.
- Aesthetic and Functional: The integrated mounting bracket enhances both appearance and stability.
- Quiet Operation: Equipped with vibration-reducing components, it operates with minimal noise.
- Ideal for Specialized Applications: Perfectly suited for air exhaust and intake in environments like equipment rooms and explosion-proof cabins.

Catalogue number logic

BFS - □ / □ □

- B: With shutters (optional)
- Rated voltage
- Impeller diameter
- Explosion-proof wall exhaust fans

Selection table

Model	Rated voltage (V)	Impeller diameter (mm)	Power (kW)	Air volume (m^3/h)
BFS-300	220, 380	295~300	0.18	2280
BFS-400	220, 380	395~400	0.25	2880
BFS-500	220, 380	495~500	0.55	5900
BFS-600	220, 380	595~600	0.75	8700

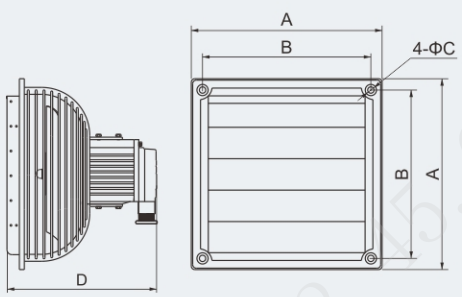
Zones 1&2

Technical data

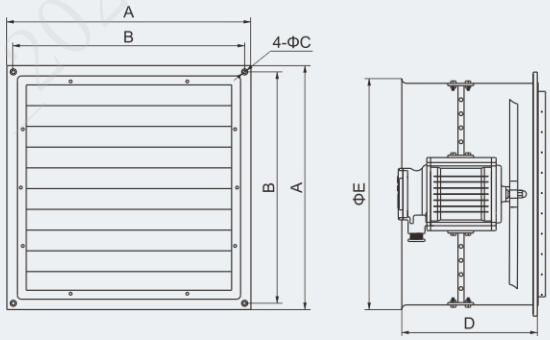
Explosion-proof wall-mounted exhaust fans BFS-□/□□

Explosion protection	
Global (IECEx)	IECEx (applied for)
Gas and dust	Ex db IIB T4 Gb Ex db IIC T4 Gb Ex tb IIIC T130˚C Db
Europe (ATEX)	ATEX (applied for)
Gas and dust	Ⓔx II 2 G Ex db IIB T4 Gb Ⓔx II 2 G Ex db IIC T4 Gb Ⓔx II 2 D Ex tb IIIC T130˚C Db
Certificates	IECEx; ATEX
Conformity to standards	EN 60079-0, EN 60079-1, IEC 60079-0, IEC 60079-1
Rated voltage	220V, 380V
Spindle speed	1450r/min
Inlet thread	G3/4"
Cable outer diameter	Φ10mm~Φ14mm

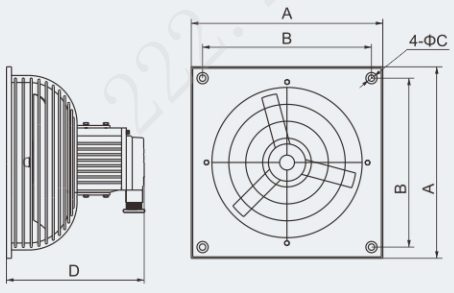
Dimension drawings (all dimensions in mm) - subject to alteration



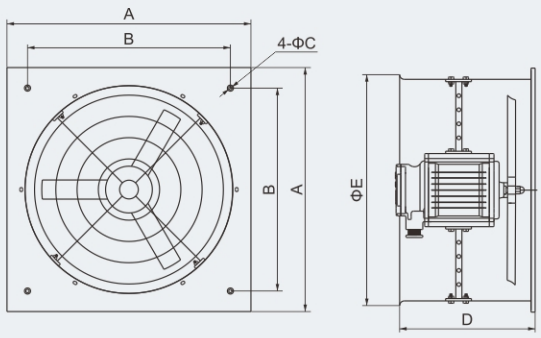
BFS-300, BFS-400 with louvers



BFS-500, BFS-600 with louvers



BFS-300, BFS-400 without louvers



BFS-500, BFS-600 without louvers

Model	A	B	C	D	E
BFS-300	385	340(340)	Φ8.5	295(320)	/
BFS-400	480	390(450)	Φ8.5	320(365)	/
BFS-500	600	500(570)	Φ8.5	340(360)	Φ550
BFS-600	700	590(670)	Φ8.5	340(360)	Φ650

Note: The dimensions in parentheses are for the louvered version.