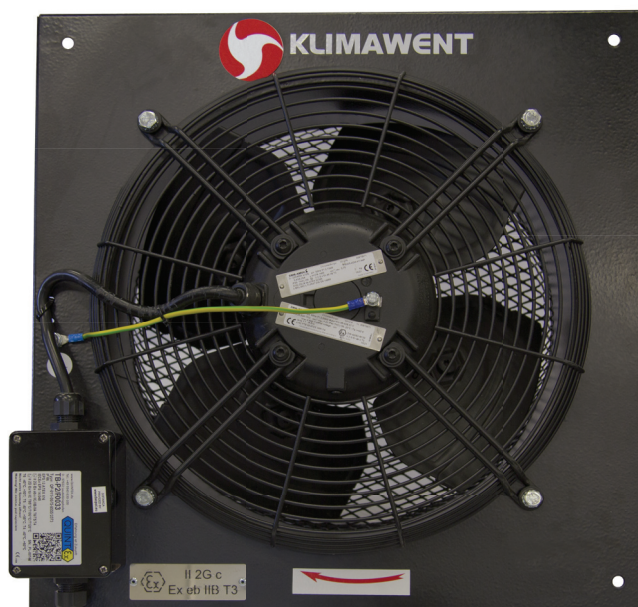


## WOK/Ex – axial wall fan



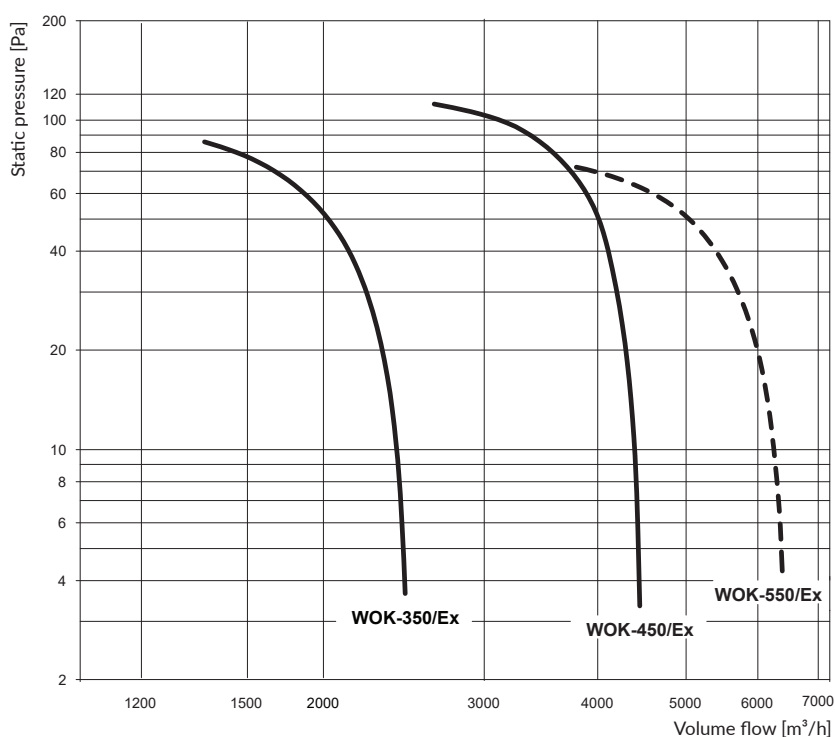
II 2 G c Ex e IIB

### Purpose

WOK/Ex fans have been developed for use in areas of explosion hazard, where explosive atmosphere (i.e. mixture of flammable compounds in the form of gas and vapour with the air) can occur. WOK/Ex fans are meant for conveying the air and explosive atmospheres. They can be applied for general ventilation of production halls, workshops, store houses, according to the explosiveness group. The fans are marked II 2 G c Ex e IIB T1, T2, T3. They are installed directly in the wall openings or in windows, as air supply- or extraction application.

### Structure

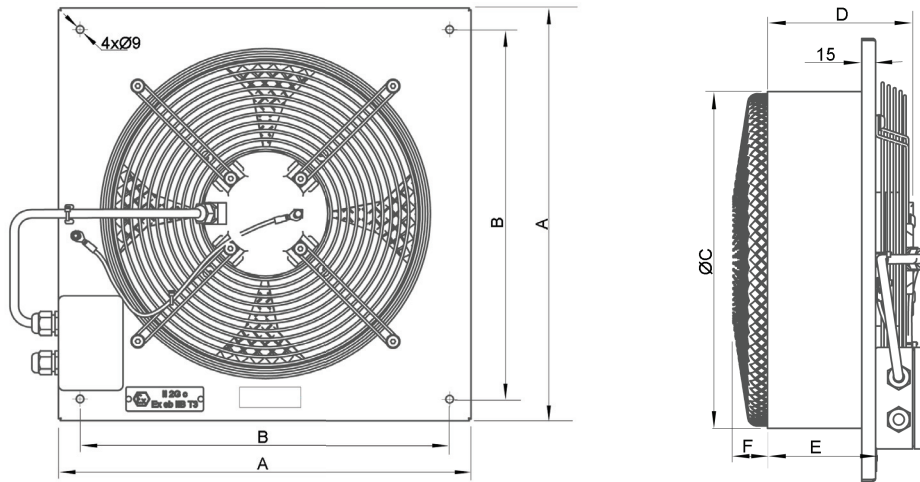
The fan consists of a cylindrical profiled housing and a shielding structure (concentric wire rings) fixed to the inlet side. To the shielding structure is also fixed a motor integrated with the impeller of increased ignition protection degree "e". Additionally, there is a built-in a PTC element to control the windings temperature.



## Technical data

Type	Part no.	Marking	Synchronous rotations [1/min]*	Supply voltage [V]	Motor rate [W]	Ingress protection IP	Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Acoustic pressure level [dB(A)] from a distance of:		Weight [kg]
									1 m	5 m	
WOK-350/Ex	808W15	II 2 G c Ex e II B	1400	3x400	130	20	2500	86	69	60	9
WOK-450/Ex	808W16	II 2 G c Ex e II B	1370	3x400	290	20	4450	112	75	66	10
WOK-550/Ex	808W17	II 2 G c Ex e II B	890	3x400	340	20	6400	72	73	64	13

\* Fan motors are not adapted for rotational speed governors.



## Dimensions

Type	A [mm]	B [mm]	ØC [mm]	D [mm]	E [mm]	F [mm]
WOK-350/Ex	480	430	365	195	117	37
WOK-450/Ex	605	555	460	185	132	50
WOK-550/Ex	730	680	560	185	132	50