

KAESER
COMPRESSORS®

in partnership with **HPC**



ATEX Blowers

Maximum safety, reliability and flexibility for hazardous areas

Developed with decades of experience and expertise, ATEX rotary lobe blowers are designed to deliver maximum safety, energy efficiency, and durability. Manufactured to the highest quality standards, they are not only robust and versatile, but are also suited to operation in potentially explosive Zone 2 (gas) and Zone 22 (dust) atmospheres. Developed, tested and certified in accordance with **ATEX 2014/34/EU**.

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What is ATEX?

ATEX is an acronym derived from the French term “**AT**mosphères **EX**plosibles”. The ATEX directive applies to all equipment and protective systems intended for use in potentially hazardous and explosive atmospheres.



Functions

- (1) ATEX drive motor
- (2) Antistatic V-belt
- (3) Display instruments
- (4) Earthing
- (5) Safe and easy access for inspection and maintenance

Confirmed by an independent testing institution that the unit does not emit sparks in accordance with ATEX 2014/34/EU.

Safety warning signs, complete documentation and certification verified by an appointed authority.

Technical data

Model	Gauge pressure		Vacuum		Max. rated motor power	Pipe connection
	Max. differential pressure mbar (g)	Max. flow rate m³/min	Max. pressure differential mbar (vac)	Max. flow rate m³/min		
BB 69 C	1000	5.9	500	5.9	15	65
BB 89 C	1000	8.2	500	8.3	15	65
CB 111 C	800	8.8	400	8.9	18.5	80
CB 131 C	1000	12.3	500	12.4	30	80
DB 166 C	1000	15.6	500	15.7	37	100
DB 236 C	1000	22.1	500	22.3	45	100
EB 291 C	1000	28.6	500	28.8	75	150
EB 421 C	1000	40.1	500	40.4	75	150
FB 441 C	1000	41.3	500	41.6	90	200
FB 621 C	1000	58.5	500	59.9	132	200
FB 791 C	800	71.3	500	71.8	110	250

ATEX blower versions include, among other features:

- ✓ Models for vacuum and pressure operation
- ✓ Optional soundproof enclosure
- ✓ Zone 2 (3G) & Zone 22 (3D)
- ✓ Configurable sensors, limit switches, measuring instruments & heating elements

ATEX blower options include, among others:

- ✓ Pressure display (standard)
- ✓ Pressure transducer
- ✓ Pressure switch
- ✓ Filter maintenance indicator (standard)
- ✓ Differential pressure transducer
- ✓ Differential pressure switch
- ✓ Temperature switch
- ✓ Temperature display
- ✓ Standstill heater
- ✓ Speed sensor



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018



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