



Centrifugal fan with closed fan wheel that is used at source extraction from air pollutant or chip making work processes. The transported air may not contain adhesive or sticky fumes or dust.

Work area:

Max. pressure: 3,100Pa

Max. air volume: 10,500m³/h

Max. dust volume: 5g/m³, non-sticky

Max. particle size: 5x5x5mm, non-sticky

Temperature: Extracted air (transport air in fan) = max. 60°C

Ambient temperature: max. 40°C

Fan order no.	Achieved efficiency	Measurement category	Efficiency category	Efficiency grade	VSD	Production year	Manufacturer page	Model number/type	Rated motor power input, flow rate and vacuum at optimal efficiency			Rpm.	Specific ratio	Disposal page	Environment page	Mounting measurement page
									kW	m³/h	Pa (Ps)					
03 384 000	61,5	D	Total	■	NO	CE-mark	0.B4	VE 2200-C2	2,56	3257	1705	2853	1,02	0.B4	0.B4	0.B4
03 386 000	59,9	D	Total	■	NO	CE-mark	0.B4	VE 3000-C2	2,99	3596	1760	2929	1,02	0.B4	0.B4	0.B4
03 388 000	55,7	D	Total	■	NO	CE-mark	0.B4	VE 4000-C2	4,23	4668	1780	2929	1,02	0.B4	0.B4	0.B4
03 390 000	58,0	D	Total	■	NO	CE-mark	0.B4	VE 5500-C2	6,07	4741	2620	2936	1,03	0.B4	0.B4	0.B4
03 392 000	57,0	D	Total	■	NO	CE-mark	0.B4	VE 7500-C2	5,95	4383	2735	2951	1,03	0.B4	0.B4	0.B4
03 384 500	45,4	D	Total	■	NO	CE-mark	0.B4	VE 2200-C4	0,39	1720	370	1457	1,00	0.B4	0.B4	0.B4
03 386 500	50,4	D	Total	■	NO	CE-mark	0.B4	VE 3000-C4	0,43	1905	400	1455	1,00	0.B4	0.B4	0.B4
03 388 500	45,0	D	Total	■	NO	CE-mark	0.B4	VE 4000-C4	0,57	1913	470	1432	1,00	0.B4	0.B4	0.B4
03 390 500	49,8	D	Total	■	NO	CE-mark	0.B4	VE 5500-C4	0,78	2622	525	1419	1,00	0.B4	0.B4	0.B4
03 392 500	57,0	D	Total	■	NO	CE-mark	0.B4	VE 7500-C4	0,95	2710	705	1455	1,01	0.B4	0.B4	0.B4

■ No approved according to EU327/2011 ERP 2015
 May be mounted on clean air side of Gram filter units as transport fan according to EU 327/2011 and EN 13349/2010

Construction:

Radial fan with closed fan wheel mounted in welded steel cabinet and with directly coupled motor.

Model: C (Transport of dust)

Wheel: Fan wheel type P-G, closed wheel with backward straight, self-cleaning blades
 Static/dynamically balanced according to ISO 14694 (BV3 G 6.3)

Housing: Welded in 2mm steel plate

Fan housing can be mounted with various inlet positions (RD0, RD90, RD180, RD270)

Standard enamelling:

Powder enamelled for indoor mounting (RAL 5007), for outdoor placement galvanizing is also recommended

Motor: IE3, B5 flange motor without bimetallic sensor

3x400V 50Hz (three-phased motors can be frequency regulated)

**Fan type VE-C is also available galvanized and spark-protected (copper ring in inlet)
 For ATEX fans - see group 10**

Constructed and tested according to:

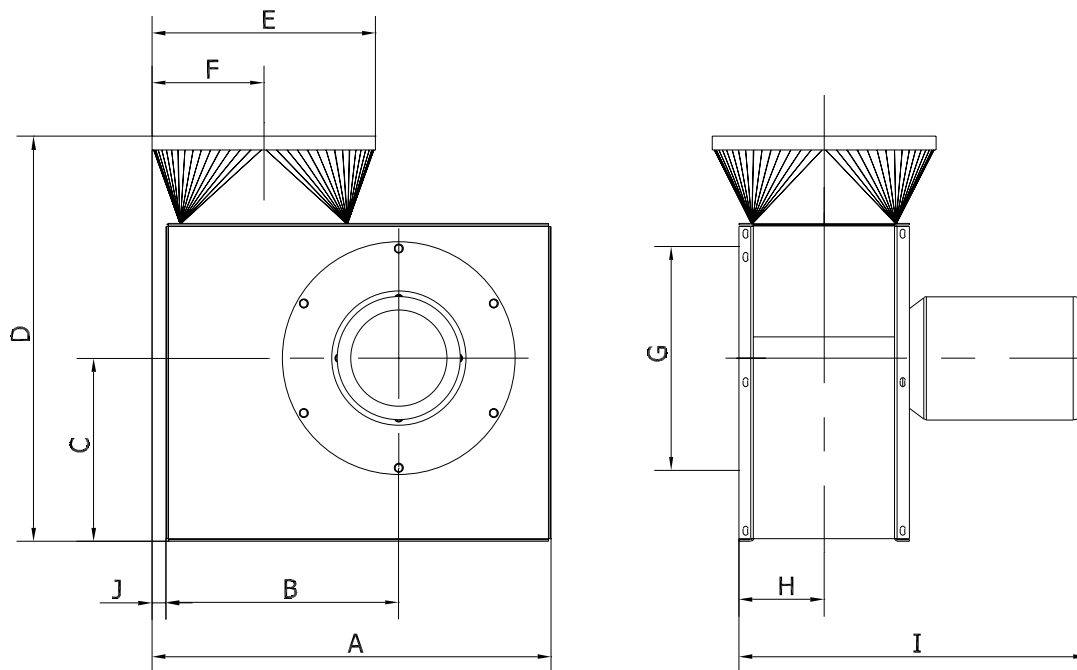
- Machine Directive 2006/42/EU
- Electromagnetic Compatibility (EMC) Directive 2004/108/EU
- Low Voltage (LVD) Directive 2014/35/EU
- Harmonized standards: EN 12100, EN 60204-1, EN ISO 13857, ISO 12499
- Further standards: ISO 3746, ISO 5801
- As well as: EU Regulation no. 327/2011 (ERP 2013 and 2015)



Type	Order no.	Volt [V]	[rpm.]	[kW]	Rated current (Amp)	Start current [I_L/I_N]	Weight [kg]
VE 2200-C2	03 384 000	3x400	2-pole	2,20	■	■	57,0
VE 3000-C2	03 386 000	3x400	2-pole	3,00	■	■	67,0
VE 4000-C2	03 388 000	3x400	2-pole	4,00	■	■	88,0
VE 5500-C2	03 390 000	3x400	2-pole	5,50	■	■	110,0
VE 7500-C2	03 392 000	3x400	2-pole	7,50	■	■	130,0
VE 2200-C4	03 384 500	3x400	4-pole	0,55	■	■	47,0
VE 3000-C4	03 386 500	3x400	4-pole	0,55	■	■	50,0
VE 4000-C4	03 388 500	3x400	4-pole	0,55	■	■	60,0
VE 5500-C4	03 390 500	3x400	4-pole	0,75	■	■	66,0
VE 7500-C4	03 392 500	3x400	4-pole	1,10	■	■	84,0

■ See section "General information" conc. electro motors

Motor data $\geq 0,75$ kW, 3x400V, according to IE3-motors.

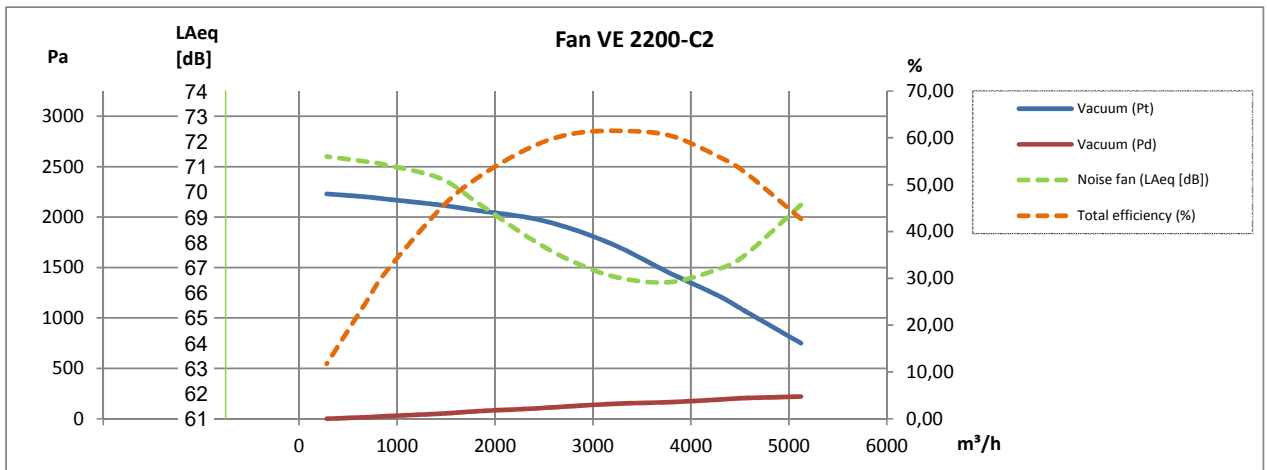


Type	Order no.	A	B	C	D	E	F	G	H	I	J
VE 2200-C2	03 384 000	767	465	363	780	ø315	194	315	144	543	0
VE 3000-C2	03 386 000	767	465	363	780	ø315	194	315	156	647	0
VE 4000-C2	03 388 000	859	519	408	903	ø400	216	400	159	616	0
VE 5500-C2	03 390 000	891	519	408	903	ø500	250	500	172	702	32
VE 7500-C2	03 392 000	891	519	408	903	ø500	250	500	191	777	31
VE 2200-C4	03 384 500	767	465	363	780	ø315	194	315	144	490	0
VE 3000-C4	03 386 500	767	465	363	780	ø315	194	315	156	513	0
VE 4000-C4	03 388 500	859	519	408	903	ø400	216	400	159	518	0
VE 5500-C4	03 390 500	891	519	408	903	ø500	250	500	172	557	32
VE 7500-C4	03 392 500	891	519	408	903	ø500	250	500	191	636	31

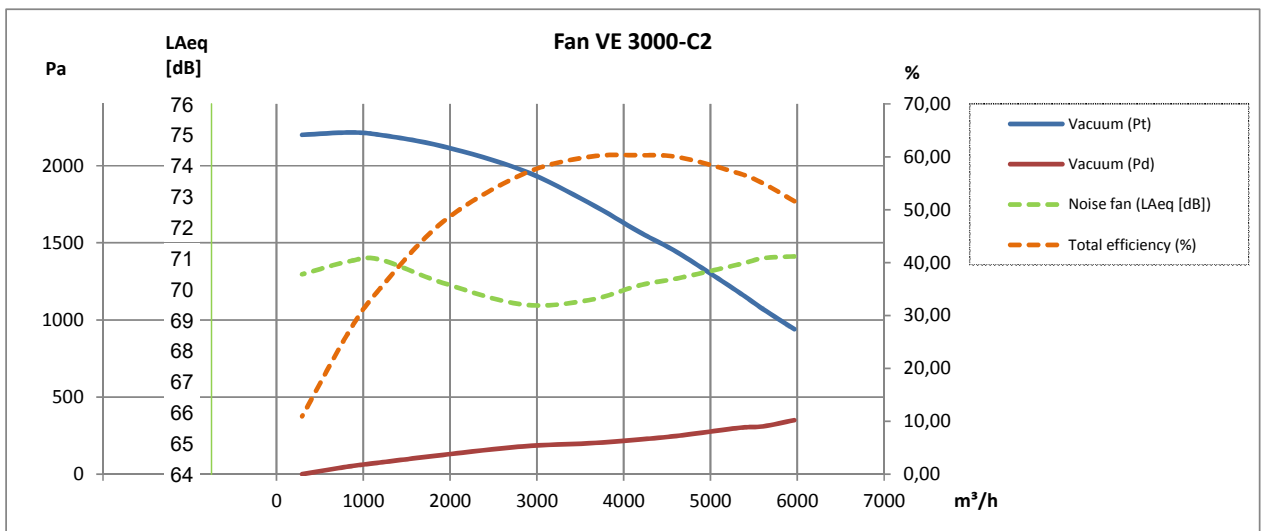
Please, note: Connection measurements are nipple measurements

Rev. 01.22 URLW GH P R G L L I

2-pole:



2-pole:



2-pole:

