



CENTRIFUGAL EXPLOSION PROOF FANS

CB-CS Ex-ATEX CESI approval n° N.03 ATEX 250





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- Explosion Proof Certified Centrifugal fans to extract air and fumes through medium / long sized ducts compliance to ATEX Directive 84/9/EEC effective in European Community from July 1st 2003.

- These products are a safe choice for many applications in commercial and industrial environment where the risk of explosion is high and where the surrounding atmosphere contains gas, vapors or steam highly inflammable.

- The whole product and not just the electrical parts, has been certified by the Italian Notified Body CESI with certify number CESI n°03 ATEX 250.

- Reference norms: EN 13463-1: 2003 pr EN 14986: 2005.

- Fan group II, cat. 2 for gases, construction safety c, max surface temp. T3 (200°C).

- Classified for zones 1 and 2.

- This omologation has required specific safety tests and proper examinations on products to verify how the introduced solutions have satisfied the essential Directive requirements.

- Body built in metal sheet epoxy painted. Impeller statically and dynamically balanced in Aluminium.

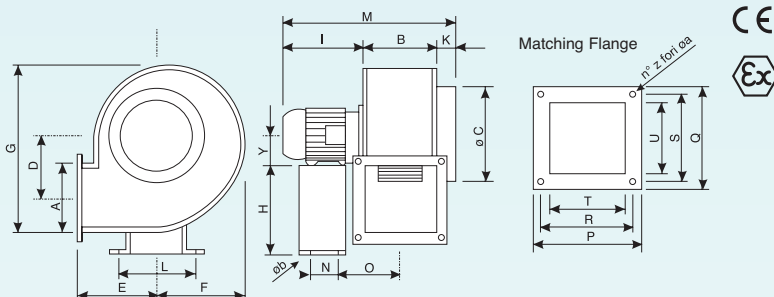
- Models are available both in mono phase and in three phase versions with 2 and 4 poles. These last products are able to assure good performances and a low working noise level.

- Available flow rates from 500 to 9100 m³/h.

- Motor IP55 protected.

- Working temperature: -20 +40 C°.

Dimensions



Model	A	B	øC	D	E	F	G	H	Y	K	I	L	M	N	O	P	Q	R	S	T	U	z	øa	øb	Kg.
CB 230 2M Ex-ATEX	96	94	180	91	127	122	247	-	63	42	235	-	371	-	-	135	135	114	114	88	88	4	8,2	-	13
CB 230 2T Ex-ATEX	96	94	180	91	127	122	247	-	63	42	235	-	371	-	-	135	135	144	114	88	88	4	8,2	-	13
CB 240 2M Ex-ATEX	112	112	200	117	146	150	300	-	71	45	265	-	422	-	-	152	152	126	126	100	100	4	8,2	-	19
CB 240 2T Ex-ATEX	112	112	200	117	146	150	300	-	71	45	265	-	422	-	-	152	152	126	126	100	100	4	8,2	-	19
CS 310 4M Ex-ATEX	96	96	180	91	127	122	247	-	63	42	235	-	371	-	-	135	135	114	114	88	88	4	8,2	-	13
CS 310 4T Ex-ATEX	96	96	180	91	127	122	247	-	63	42	235	-	371	-	-	135	135	114	114	88	88	4	8,2	-	13
CS 320 4M Ex-ATEX	112	112	200	117	146	150	230	-	63	45	235	-	392	-	-	152	152	126	126	100	100	4	8,2	-	14
CS 320 4T Ex-ATEX	112	112	200	117	146	150	230	-	63	45	235	-	392	-	-	152	152	126	126	100	100	4	8,2	-	14
CS 330 4T Ex-ATEX	141	141	250	139	147	188	371	-	71	40	265	-	446	-	-	191	191	165	134	134	4	8,2	-	21	
CS 340 4T Ex-ATEX	181	164	250	162	178	222	446	-	80	45	276	-	485	-	-	225	235	195	205	161	170	4	8,2	-	31
CS 350 4T Ex-ATEX	202	294	315	192	210	260	517	244	80	50	276	232	520	120	146	255	255	225	225	191	191	4	8,2	11	37
CS 360 4T Ex-ATEX	202	294	315	192	210	260	517	244	90	50	310	232	554	120	152	255	255	225	225	191	191	4	8,2	11	44
CS 370 4T Ex-ATEX	249	221	355	210	230	250	571	278	100	49	380	266	650	150	176	284	305	254	275	213	244	4	10,2	11	67
CS 380 4T Ex-ATEX	299	249	400	280	300	370	744	350	112	60	400	325	709	170	185	310	360	280	330	241	295	8	9	11	91

- Models CS 350, CS 360, CS 370 and CS 380 are already supplied with rigid base support to make installation easier.

- Standard products are supplied with housing position CCW 270.

- On request housing can be supplied in different position as defined by the table at page 57.

- In accordance with the essential requirements of 89/392/CE Directive concerning machines and with European Standards EN 292 part I and II, EN 294 and IEC 204-1 and 2.

Technical Data

Model	Rif.	Marking	Motor	Flow rate m ³ /h	Max.Press. mm H ₂ O	N° Poles	W	Nom. cur. A. at 230V	at 400V	dB (A) 2 m	RPM
CB 230 2M Ex-ATEX	OW 323 8	II 2G c T3	single phase	1000	69	2	450	2,5	-	76	2750
CB 230 2T Ex-ATEX	OW 319 6	II 2G c T6	three-phase	1000	69	2	400	1	0,8	76	2750
CB 240 2M Ex-ATEX	OW 324 6	II 2G c T3	single phase	1450	90	2	850	3,8	-	83	2800
CB 240 2T Ex-ATEX	OW 320 4	II 2G c T6	three-phase	1450	90	2	800	2,3	1,3	83	2800
CS 310 4M Ex-ATEX	OW 325 3	II 2G c T3	single phase	500	16	4	200	1	-	64	1400
CS 310 4T Ex-ATEX	OW 326 1	II 2G c T6	three-phase	500	16	4	200	1	0,59	64	1400
CS 320 4M Ex-ATEX	OW 327 9	II 2G c T3	single phase	720	21	4	250	1,5	-	67	1400
CS 320 4T Ex-ATEX	OW 328 7	II 2G c T6	three-phase	720	21	4	250	1,75	1,00	67	1400
CS 330 4T Ex-ATEX	OW 329 5	II 2G c T6	three-phase	1500	38	4	400	1,9	1,1	70	1400
CS 340 4T Ex-ATEX	OW 321 2	II 2G c T6	three-phase	1900	47	4	1000	3,5	2,0	73	1400
CS 350 4T Ex-ATEX	OW 330 3	II 2G c T6	three-phase	2900	50	4	1400	4	2,31	76	1400
CS 360 4T Ex-ATEX	OW 322 0	II 2G c T5	three-phase	4100	60	4	1900	5,7	3,3	80	1400
CS 370 4T Ex-ATEX	OW 331 1	II 2G c T5	three-phase	5600	73	4	2500	8,7	5,0	84	1400
CS 380 4T Ex-ATEX	OW 338 6	II 2G c T5	three-phase	9100	105	4	4500	15,6	9,0	88	1400