



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, dust or steamy 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.

- 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.

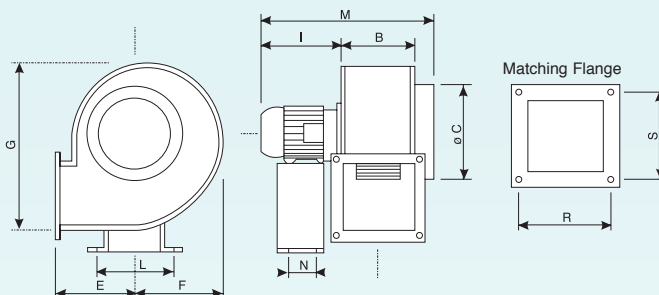
- Models are available both in mono phase and in three phase versions with 2 and 4 poles. These last products are able to assure good performances and a low working noise level.

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

- Induction motors with ball bearings and IP55 protection ATEX approved with CESI certificate.

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

Dimensions



Model	B	C	E	F	G	I	L	M	N	R	S	Kg
CB 230 2M Ex-ATEX	98	180	128	124	248	235	-	379	-	114	114	17
CB 230 2T Ex-ATEX	98	180	128	124	248	235	-	379	-	114	114	17
CB 240 2M Ex-ATEX	110	200	145	150	300	265	-	424	-	126	126	18
CB 240 2T Ex-ATEX	110	200	145	150	300	265	-	424	-	126	126	19
CS 310 4M Ex-ATEX	98	180	128	124	248	235	-	379	-	114	114	16
CS 310 4T Ex-ATEX	98	180	128	124	248	235	-	379	-	114	114	15
CS 320 4M Ex-ATEX	110	200	145	150	300	235	-	393	-	125	125	15
CS 320 4T Ex-ATEX	110	200	145	150	300	235	-	393	-	125	125	14
CS 330 4T Ex-ATEX	143	250	148	188	373	265	-	459	-	165	165	21
CS 340 4T Ex-ATEX	164	250	172	222	444	276	-	491	-	195	205	30
CS 350 4T Ex-ATEX	194	315	206	258	515	276	230	521	120	225	225	36
CS 360 4T Ex-ATEX	194	315	206	258	515	310	230	555	120	225	225	45
CS 370 4T Ex-ATEX	221	355	235	244	565	380	260	650	150	254	275	66
CS 380 4T Ex-ATEX	249	400	305	365	735	400	325	710	170	280	330	92

- 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 63.

- 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	Ref.	Motor Protection	Motor	Flow rate m ³ /h	Max.Press. mm H ₂ O	N° Poles	W	Nom. cur. A. at 230V	A. at 400V	dB (A) at 2 m	RPM
CB 230 2M Ex-ATEX	OW 323 8	IP55	single phase	1000	69	2	590	3	-	76	2750
CB 230 2T Ex-ATEX	OW 319 6	IP55	three-phase	1000	69	2	400	1	0,8	76	2750
CB 240 2M Ex-ATEX	OW 324 6	IP55	single phase	1450	90	2	850	4	-	83	2750
CB 240 2T Ex-ATEX	OW 320 4	IP55	three-phase	1450	90	2	800	3	1,57	83	2750
CS 310 4M Ex-ATEX	OW 325 3	IP55	single phase	500	16	4	200	1	-	64	1400
CS 310 4T Ex-ATEX	OW 326 1	IP55	three-phase	500	16	4	200	1	0,59	64	1400
CS 320 4M Ex-ATEX	OW 327 9	IP55	single phase	720	21	4	250	2	-	67	1400
CS 320 4T Ex-ATEX	OW 328 7	IP55	three-phase	720	21	4	250	2	1,00	67	1400
CS 330 4T Ex-ATEX	OW 329 5	IP55	three-phase	1500	38	4	500	2	1,1	70	1400
CS 340 4T Ex-ATEX	OW 321 2	IP55	three-phase	1900	47	4	1250	4	2,2	73	1400
CS 350 4T Ex-ATEX	OW 330 3	IP55	three-phase	2900	50	4	1900	5	3,1	76	1400
CS 360 4T Ex-ATEX	OW 322 0	IP55	three-phase	4100	60	4	2600	8	4,4	80	1400
CS 370 4T Ex-ATEX	OW 331 1	IP55	three-phase	5600	73	4	3200	10	5,8	84	1400
CS 380 4T Ex-ATEX	OW 338 6	IP55	three-phase	9100	105	4	4800	18	10,6	88	1430