AIRVISION 25 years
Air Processing Management
Avenue Jean Monnet 1, 1348 Louvain -la-Neuve (B)
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SODECA

CAM

Single inlet, high pressure centrifugal fans with sheet steel casing and cast aluminum impeller

Fan:
- Sheet steel casing.
- Cast aluminium and sheet steel impellers in models 752, 880 and 980.
- Maximum temperature of air to be carried: -25 ºC +120 ºC.

Motor:
- Motors with IE3 efficiency for powers equal to or greater than 0.75 kW, except single-phase, 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 ºC +50 ºC.

Finish:
- Anti-corrosive finish in polyester resin, polymerised at 190 ºC, after degreasing with phosphate-free nanotechnology treatment.

On request:
- Special windings for different voltages.
- Fan prepared to transport air up to +250 ºC.
- Stainless steel fan.
- ATEX certified Category 2.

Extremely robust, high performance impellers

Order code

CAM	—	752	—	2	—	T	—	10
CAM: Single inlet, high pressure centrifugal fans with sheet steel casing and cast aluminum impeller		Impeller size		Number of motor poles 2=3000 r/min 50 Hz		T = Three-phase		Motor power (HP)

Technical characteristics

Model	Speed	Maximum admissible current (A)			Installed power	Maximum flow rate	Sound pressure level[1] dB (A)	Approx. weight
	(r/min)	230V	400V	690V	(kW)	(m³/h)	Inlet	(Kg)
CAM-540-2T IE3	2890	5.34	3.07		1.50	2450	78	38
CAM-545-2T-3 IE3	2840	7.32	4.21		2.20	2300	79	54
CAM-545-2T-4 IE3	2880	10.00	5.77		3.00	3600	81	64
CAM-550-2T-5.5 IE3	2895	13.00	7.50		4.00	2800	85	113
CAM-550-2T-7.5 IE3	2925		10.10	5.86	5.50	5065	86	129
CAM-752-2T-7.5 IE3	2920		10.10	5.86	5.50	2945	88	138
CAM-752-2T-10 IE3	2910		14.10	8.17	7.50	5000	89	143
CAM-760-2T-10 IE3	2930		14.10	8.17	7.50	2900	91	168
CAM-760-2T-15 IE3	2940		20.00	11.60	11.00	5000	93	196
CAM-760-2T-15/E IE3	2945		20.00	11.60	11.00	6375	94	194
CAM-880-2T-40 IE3	2950		54.50	31.60	30.00	10000	97	390
CAM-980-2T-60 IE3	2960		77.50	44.90	45.00	11385	89	580

1. The noise level values are pressures in dB(A) measured at a distance of 3 metres in a free field.

Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

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Acoustic characteristics

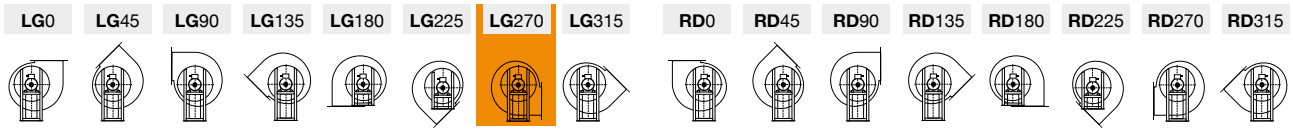
The values given are obtained under laboratory conditions according to ISO 3744.
Sound power spectrum Lw(A) in dB(A) per Hz frequency band
Values measured at inlet with maximum flow rate

	63	125	250	500	1000	2000	4000	8000
540-2T	57	70	81	90	97	91	86	78
545-2T-3	58	71	82	91	98	92	87	79
545-2T-4	60	73	84	93	100	94	89	81
550-2T-5.5	63	77	88	97	104	98	92	85
550-2T-7.5	64	78	89	98	105	99	93	86
752-2T-7.5	66	80	91	100	107	101	95	88

	63	125	250	500	1000	2000	4000	8000
752-2T-10	67	81	92	101	108	102	96	89
760-2T-10	70	83	95	103	110	105	99	91
760-2T-15	72	85	97	105	112	107	101	93
760-2T-15/E	73	86	98	106	113	108	102	94
880-2T-40	75	89	100	109	116	110	104	97
980-2T-60	86	88	96	100	107	104	99	91

Orientations

LG 270 standard supply, other positions on request.
LG 180 position on request and with special anchoring measurements.

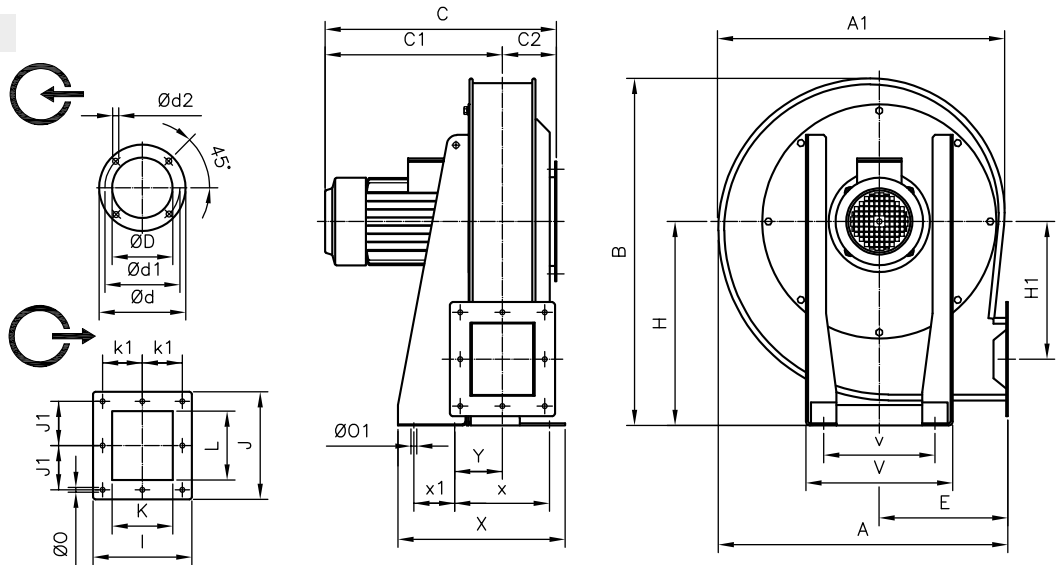


Accessories

INT | VSD3/A-RFT - VSD1/A-RFM | AET | RPA | B | BIC | ACE ACE/400 | CJACUS | S | REG

Dimensions mm

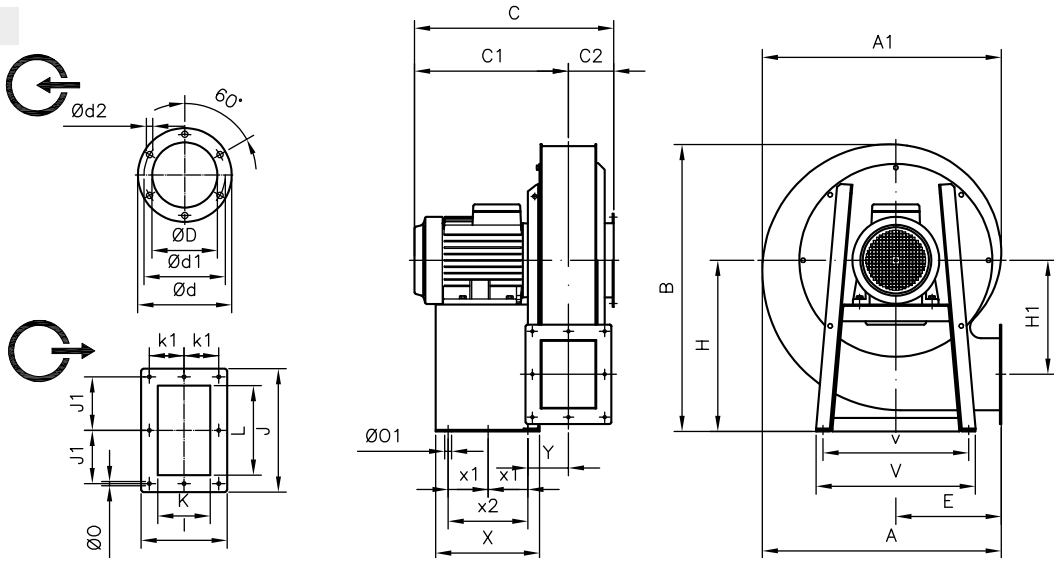
CAM-540...545



	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	I	J	J1	K	k1	L	øO	øO1	V	v	X	x	x1	Y
CAM-540-2T	568	561	681	454	348	106	180	235	205	11	252	400	270	206	224	92	120	83	140	10	12	288	218	328	186	80	94
CAM-545-2T-3	654	643	772	474	355.5	118.5	180	235	205	11	290	450	310	222	255	108	135	90	170	10	12	300	238	344	202	80	101.5
CAM-545-2T-4	654	643	772	516	397.5	118.5	180	235	205	11	290	450	310	222	255	108	135	90	170	10	12	300	238	344	202	80	101.5

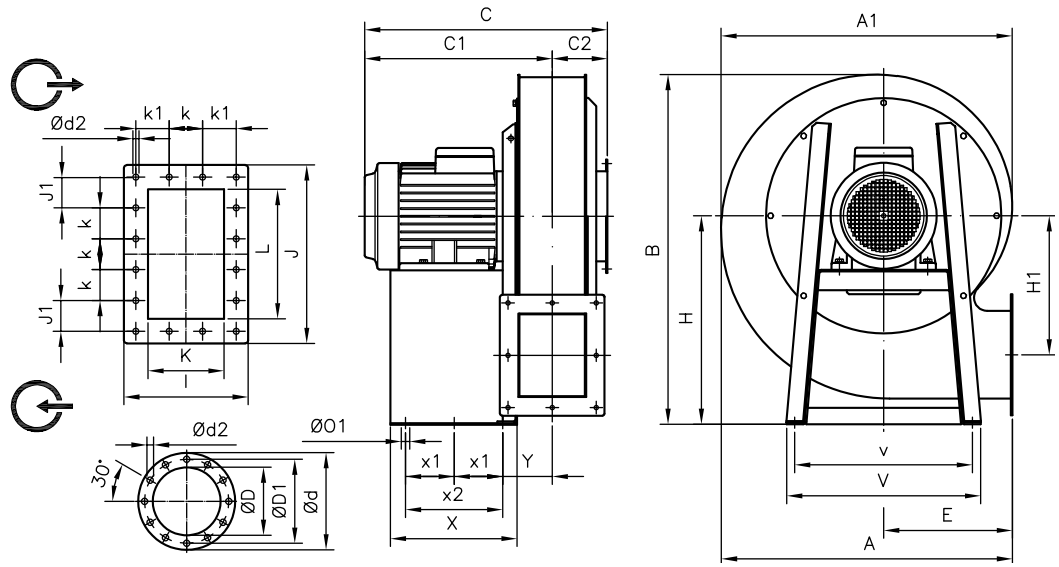
Dimensions mm

CAM-550...760



	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	I	J	J1	K	k1	L	øO	øO1	V	v	X	x1	x2	Y
CAM-550-2T-5.5	722	722	871	552	416	136	224	278	258	9	311	510	350	246	296	128	150	103	200	11	13	475	435	279	105	210	115.5
CAM-550-2T-7.5	722	722	871	569	433	136	224	278	258	9	311	510	350	246	296	128	150	103	200	11	13	475	435	310	105	210	115.5
CAM-752-2T-7.5	713	712	856	576	441	135	224	278	258	9	315	510	340	256	296	128	160	108	200	11	13	475	435	310	105	210	121
CAM-752-2T-10	713	712	856	576	441	135	224	278	258	9	315	510	340	256	296	128	160	108	200	11	13	475	435	310	105	210	121
CAM-760-2T-10	837.5	831.5	975	616	470	146	250	322	280	9	370	570	380	276	316	138	180	118	220	11	13	570	525	450	202.5	405	74.5
CAM-760-2T-15	837.5	831.5	975	743	597	146	250	322	280	9	370	570	380	276	316	138	180	118	220	11	13	570	525	450	202.5	405	74.5
CAM-760-2T-15/E	837.5	831.5	975	744	598	146	250	322	280	9	370	570	380	276	316	138	180	118	220	11	13	570	525	450	202.5	405	74.5

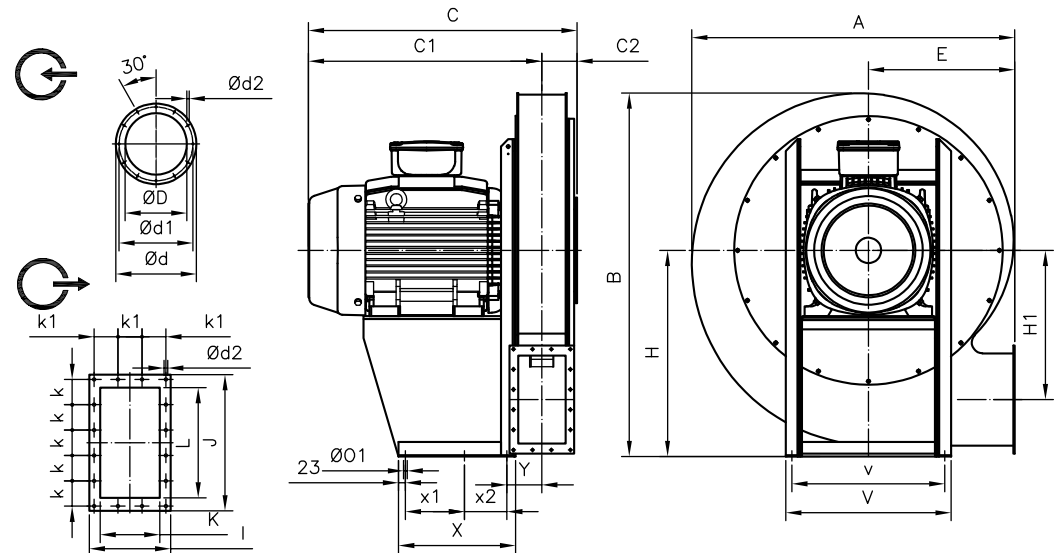
CAM-880



	A	A1	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	I	J	J1	K	k	k1	L	øO	øO1	V	v	X	x1	x2	Y
CAM-880-2T-40	945	939	1167	905	771	134	315	390	355	10	422	710	430	249	360	60.5	190	71	76	290	11	13	565	523	480	210	420	134

Dimensions mm

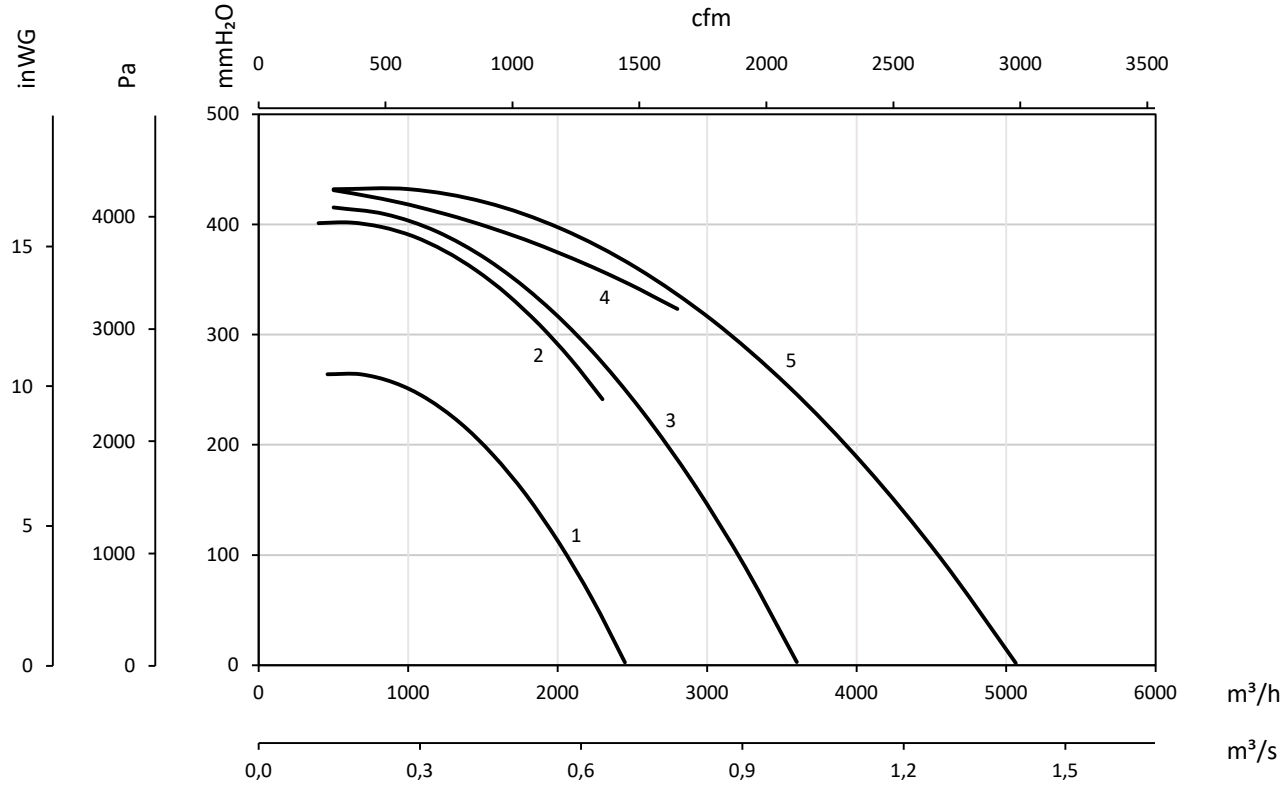
CAM-980



	A	B	C	C1	C2	øD	ød	ød1	ød2	E	H	H1	I	J	K	k	k1	L	øO1	V	v	X	x1	x2	Y
CAM-980-2T-60	1101	1243	718	798	120	280	360	330	10	500	705	510	221	370	162	69	65	300	13	565	523	400	202	145	120

Characteristic curves

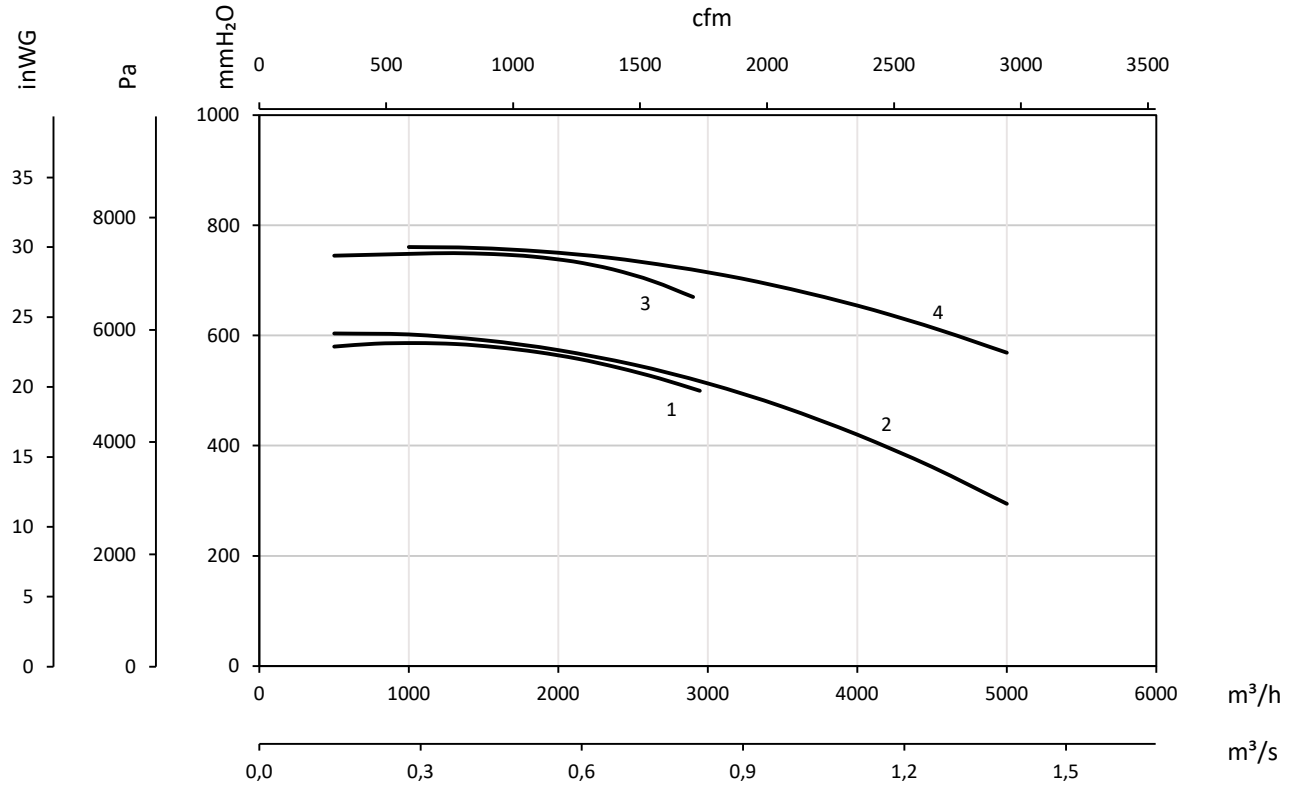
Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg



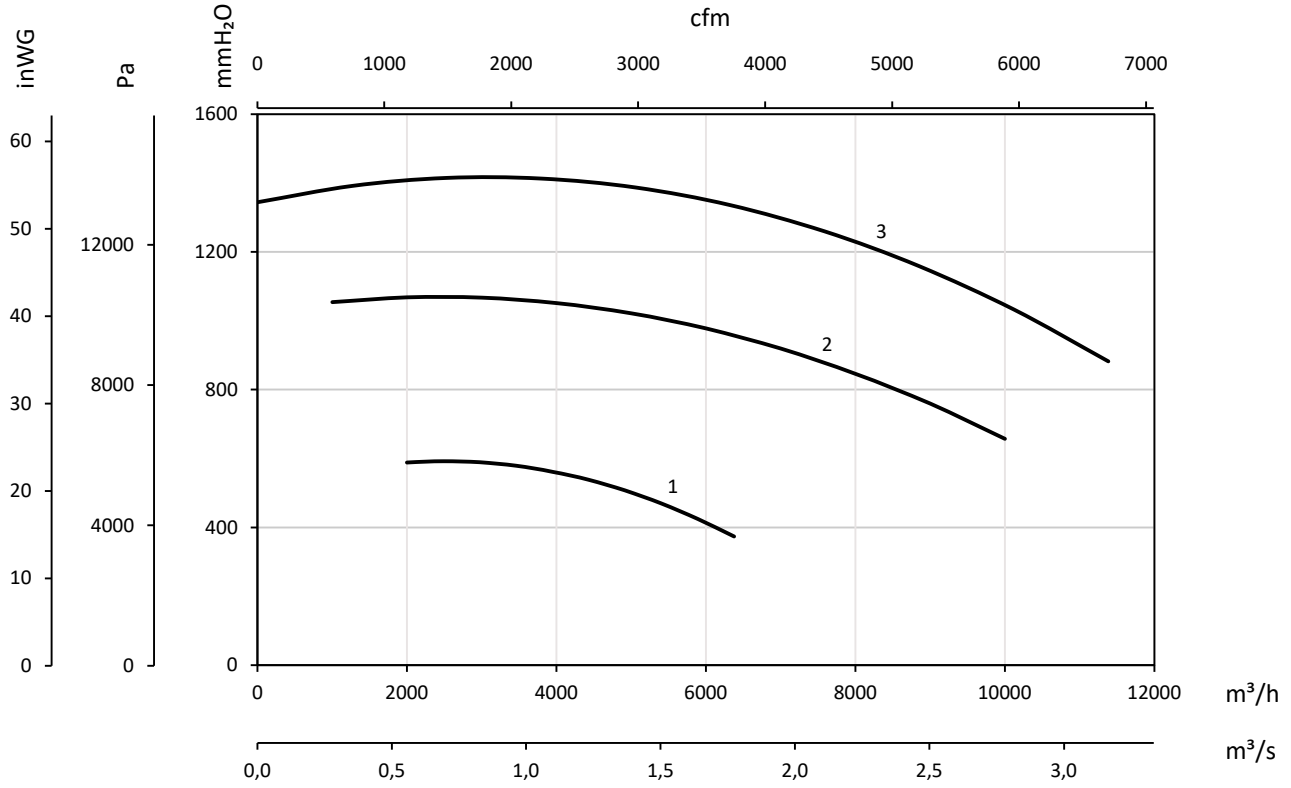
1 : CAM-540-2T
2 : CAM-545-2T-3
3 : CAM-545-2T-4
4 : CAM-550-2T-5.5
5 : CAM-550-2T-7.5

Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg



1 : CAM-752-2T-7.5
2 : CAM-752-2T-10
3 : CAM-760-2T-10
4 : CAM-760-2T-15



1 : CAM-760-2T-15/E
2 : CAM-880-2T-40
3 : CAM-980-2T-60