

PELLET FANS

BPA / BPAK



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Specialized Fan Solution For Solid Fuel Burning Boilers

We are providing specialized solutions in heating engineering with our BPA and BPAK pellet fans which we have developed with our years of experience in fan technologies.

BVN pallet fans, which carry out the exhaust air in solid fuel burning boilers with external rotor AC motor exhaust fans, stand out with their durability, long lifespan and cost advantage.

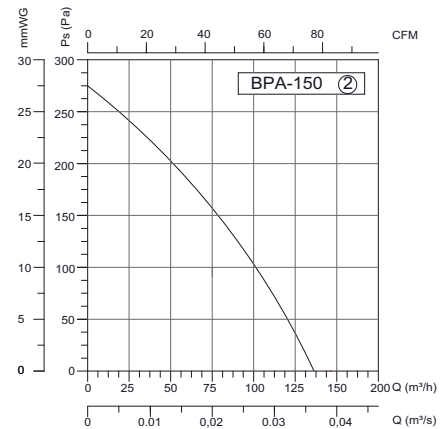
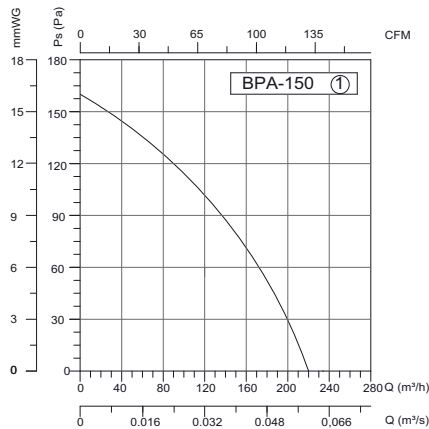
Areas of Usage

Boilers in different capacities which burn pellets (pressed granular woodchips) as a renewable energy source.

- Maximum pressure, minimum vibration
- Compact design
- High performance in low volumes
- High energy efficiency achieved by controlling the speed with hall sensor

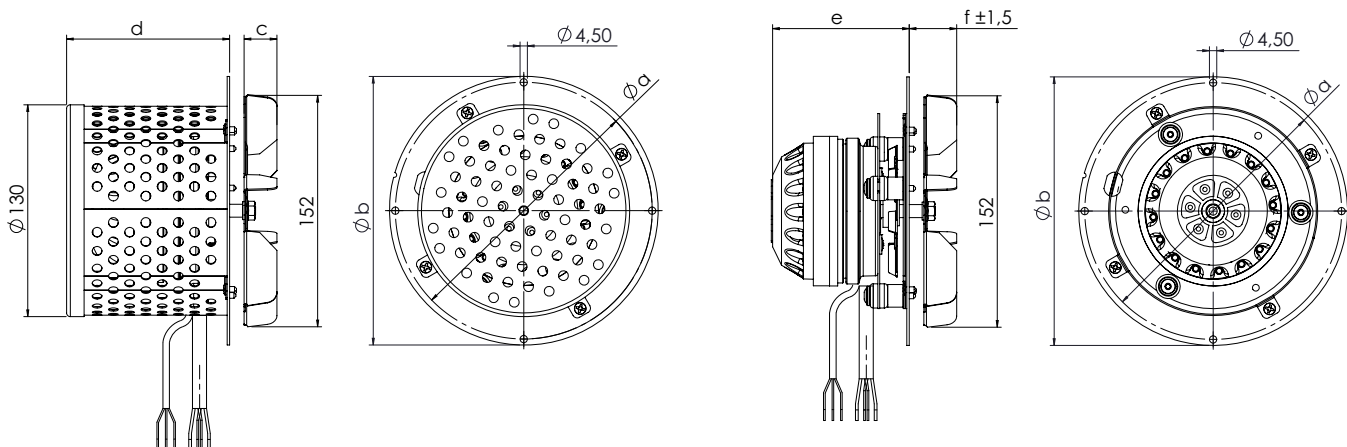
		VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	AMBIENT TEMPERATURE	
	TYPE	V	Hz	W	(A)	(μ F)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	°C	
	BPA 150	1	230	50	32	0,14	1	2250	220	62	F	44	-25...+75
		2	230	50	30	0,13	1	2300	135	61	F	44	-25...+75

1 - Measured without scroll housing. 2 - Measured in scroll housing.



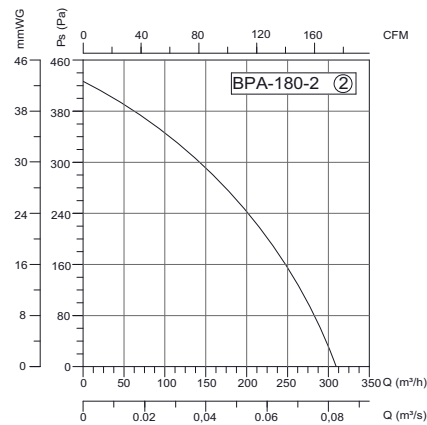
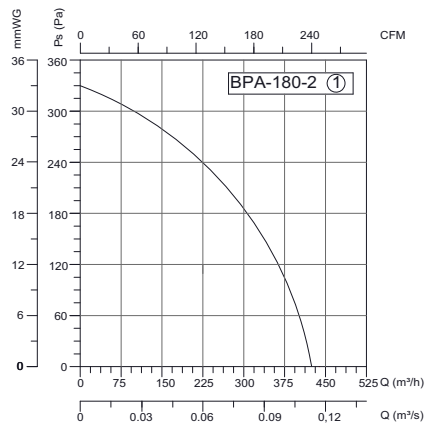
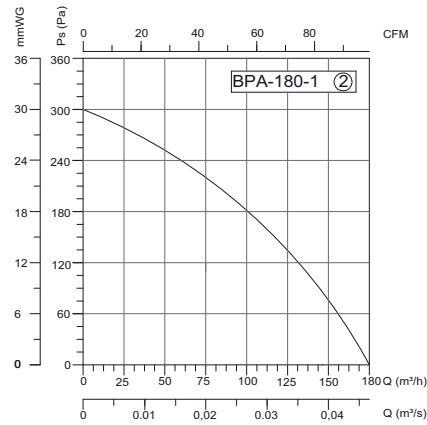
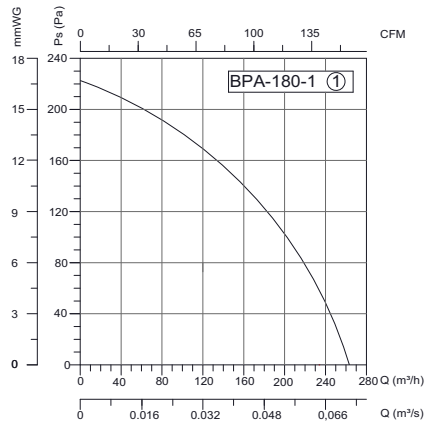
TYPE	A	B	C	D	E	F
BPA 150	158	165	20	100	85	30

Dimensions are in (mm)



		VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	AMBIENT TEMPERATURE
TYPE		V	Hz	W	(A)	(μ F)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	°C
BPA 180 - 1	1	230	50	37	0,16	1	1900	265	58	F	44	-25...+80
	2	230	50	35	0,15	1	1975	180	59	F	44	-25...+80
BPA 180 - 2	1	230	50	67	0,29	2	2300	425	67	F	44	-25...+60
	2	230	50	65	0,28	2	2425	310	68	F	44	-25...+60

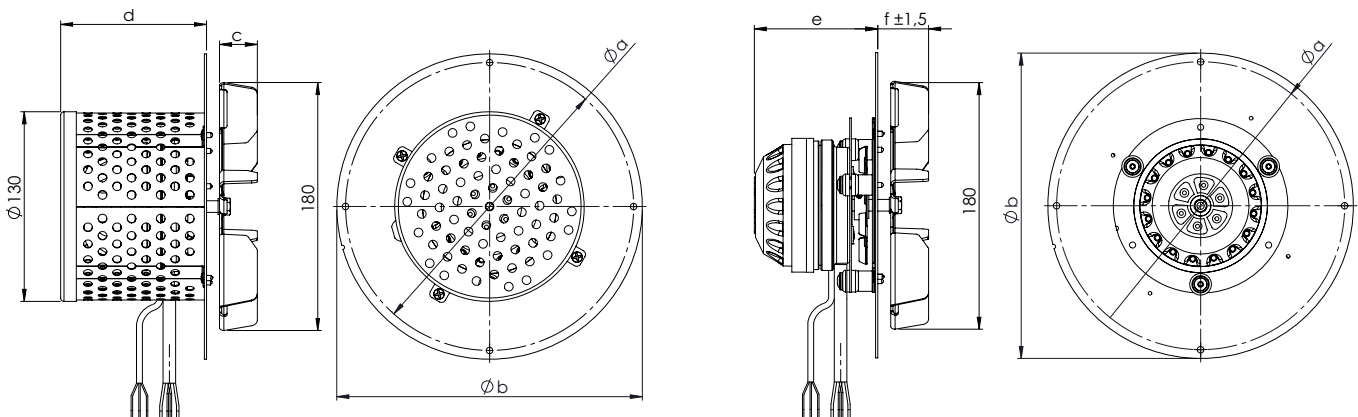
1 - Measured without scroll housing. 2 - Measured in scroll housing.



Technical Drawing and Tables

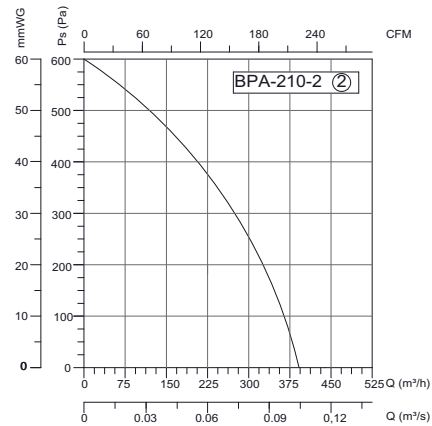
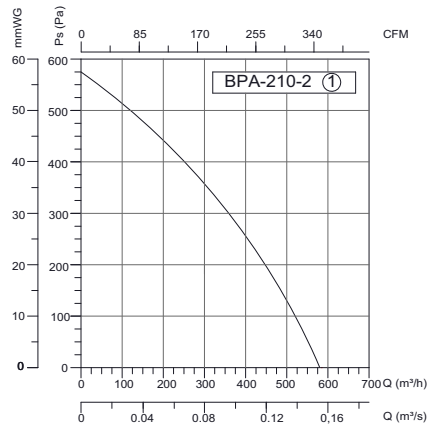
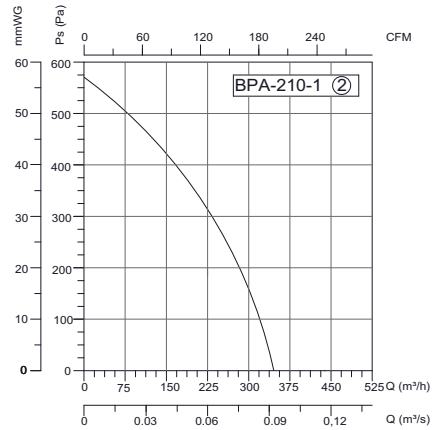
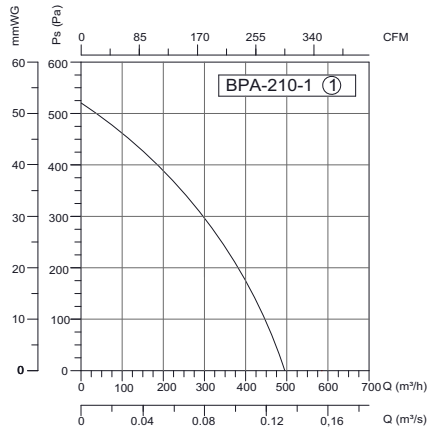
TYPE	A	B	C	D	E	F
BPA 180 - 1	198	210	26	100	85	34
BPA 180 - 2	198	210	45	110	95	54

Dimensions are in (mm)



		VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	AMBIENT TEMPERATURE
TYPE		V	Hz	W	(A)	(μ F)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	°C
BPA 210 - 1	1	230	50	100	0,46	2	2275	490	64	F	44	-25...+75
	2	230	50	98	0,45	2	2400	340	65	F	44	-25...+75
BPA 210 - 2	1	230	50	120	0,56	3	2500	580	69	F	44	-25...+70
	2	230	50	115	0,50	3	2550	390	70	F	44	-25...+70

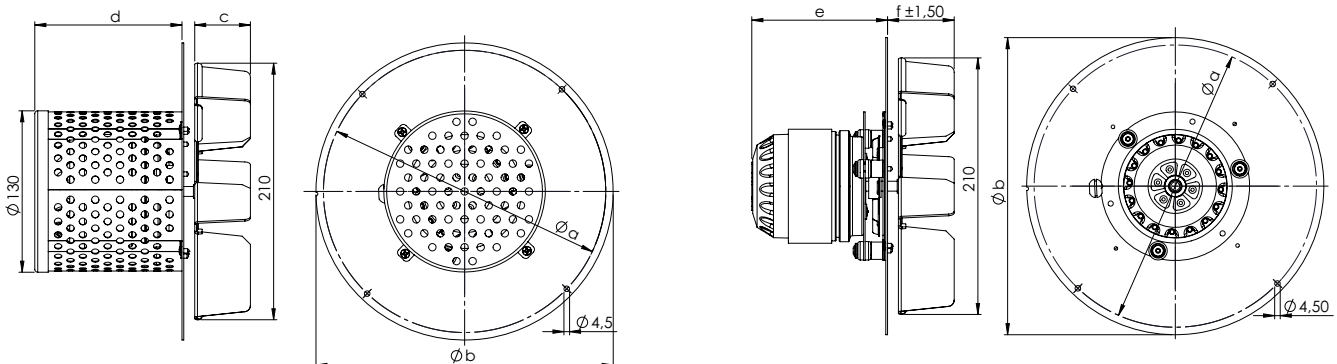
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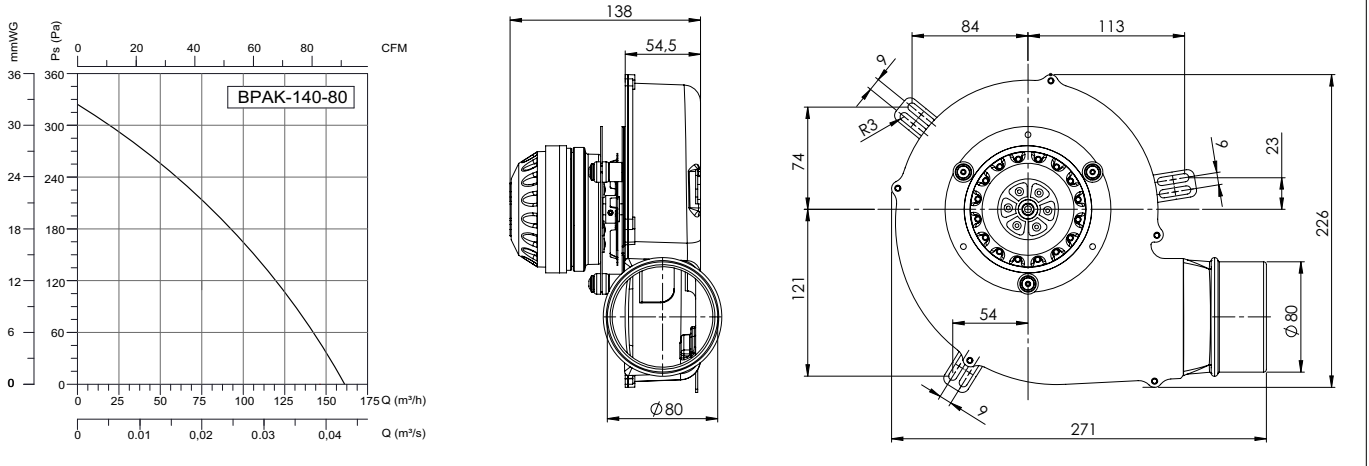
TYPE	A	B	C	D	E	F
BPA 210 - 1	228	240	30	120	110	39
BPA 210 - 2	228	240	45	120	110	54

Dimensions are in (mm)



	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	AMBIENT TEMPERATURE
TYPE	V	Hz	W	(A)	(μ F)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	°C
BPAK 140-80	230	50	30	0,13	1	2000	160	57	F	44	-25...+80

Dimensions are in (mm)

Technical Drawing and Tables


	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	AMBIENT TEMPERATURE
TYPE	V	Hz	W	(A)	(μ F)	r.p.m	m ³ /h	dB(A)	Ins.cl.	IP	°C
BPAK 160-100	230	50	60	0,26	2	2400	270	59	F	44	-25...+75

Dimensions are in (mm)

Technical Drawing and Tables
