

ARMO-C F300 AXIAL CABINET SMOKE EXHAUST FANS



The Axial Cabinet Smoke Exhaust Fans (ACSEF) provide to evacuate the toxic gases which have been gained momentum by the Jet Fans, from any closed area to atmosphere. Its casing has a rectangular shape with a specification as fireproof and sound absorbent. ACSEFs also have high temperature resistant values as 300oC. You can operate vertically and horizontally by mounting them to rectangular ducts. As well as being an extract fan, these products also have a usage for fresh air supply.

Usage Area ;

- Enclosed car park
- Shopping Mall,
- Factory,
- Subway Tunnel, Highway Tunnel
- Atrium
- Housing estate
- Corridor Smoke Ventilation

General Specifications

- Ensured non – stop operation at elevated temperatures of 300 oC for 2 hours respectively.
- Different fan dimensions from 400 to 1250 mm.

Rotor Specifications

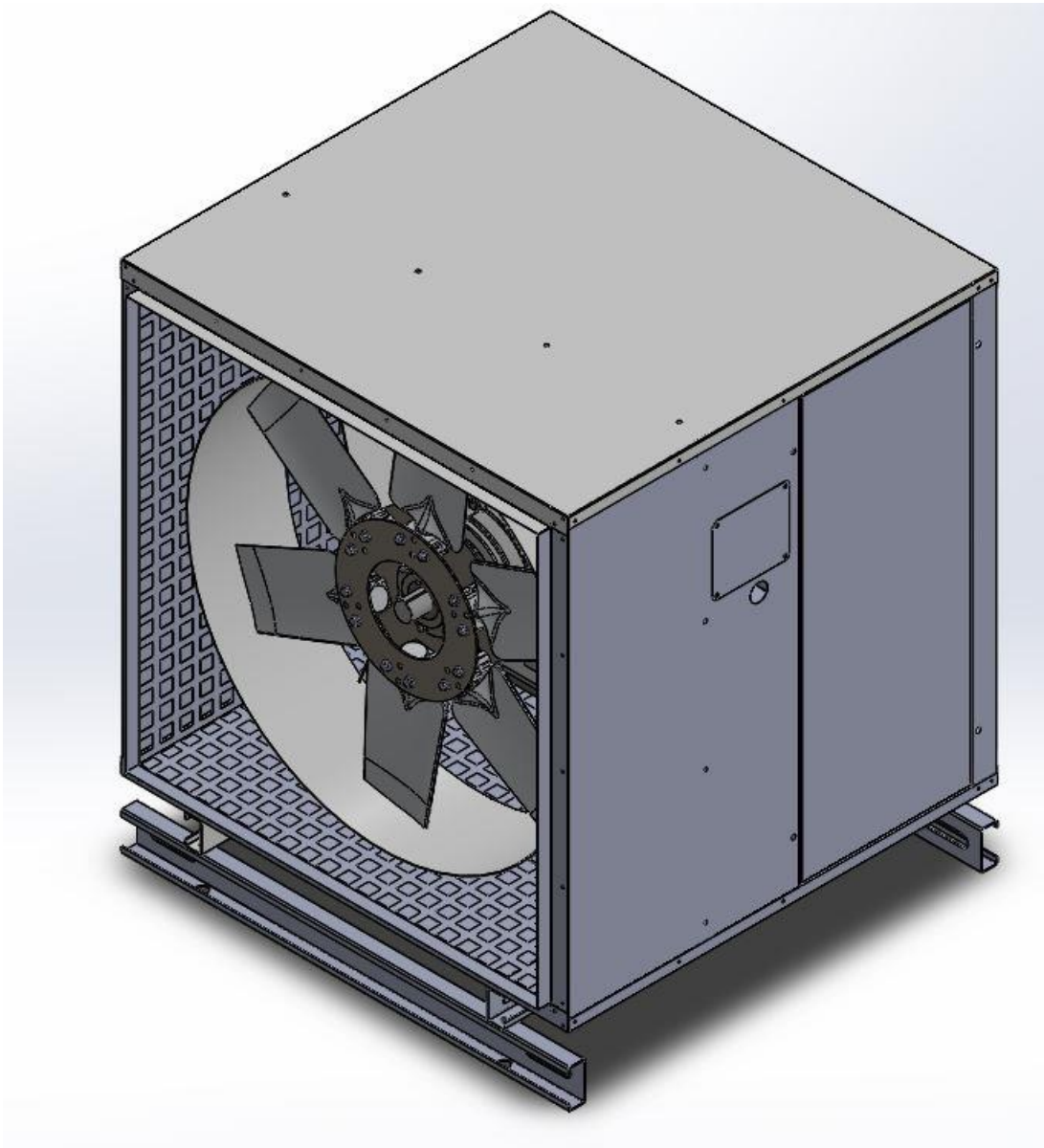
- High temperature resistant aluminum alloy casting blades and hub.
- Blades have airfoil structure which has high aerodynamic performances.
- Pitch angle is adjustable thus different pressures and flow rates can be provided for the requirements.
- The fan wheel is dynamically balanced in accordance with ISO 1940.
- The hub is specially designed to acquire optimal flow rate – structural resistance consistency.

Casing Specifications

- All casings are heavy gauge sheet steel with a corrosion resistant hot dipped galvanized finish which has a 25 mm thickness fireproof mineral glass insulation.

Motor Specifications

- 2, 4 and 6 pole motors available
- IP 55 protection class
- Class – H insulation
- All electrical motors approved for “Running Continuously (S1)” or “Emergency Operation (S2)”.



AXIAL FANS

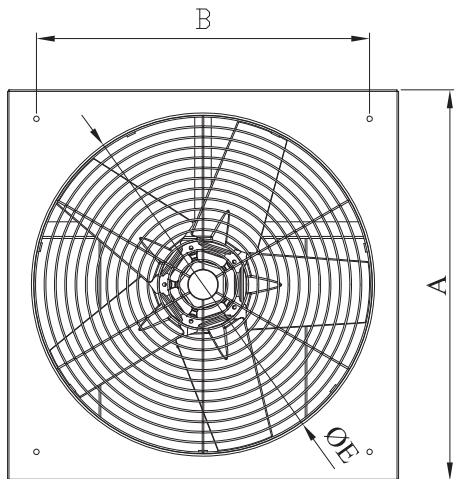
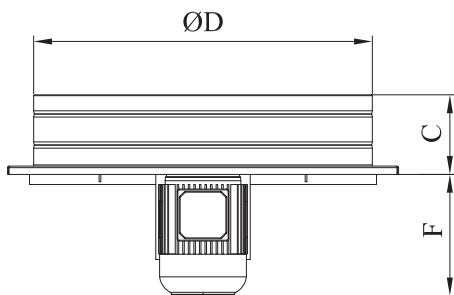


B5PA

AC WALL MOUNTED AXIAL FANS Plastic Blade

Propellers are manufactured in ideal dimension and got maximum air flow. Designed to be installed directly into walls, ceiling or panels with it's square plate.

Technical Drawings



MATERIAL

: The casing is made of electrostatic powder coated sheet metal, impeller is made of plastic.

INSULATION CLASS

: Class B and Class F

DIRECTIVE

: EN 60335-1, EN 60335-2-80

SPEED CONTROL

: Speed can be adjusted using an optional controller.

APPLICATION AREAS

: Factories, stock depots, dye-houses, shopping centers, big halls, etc.

Accessories

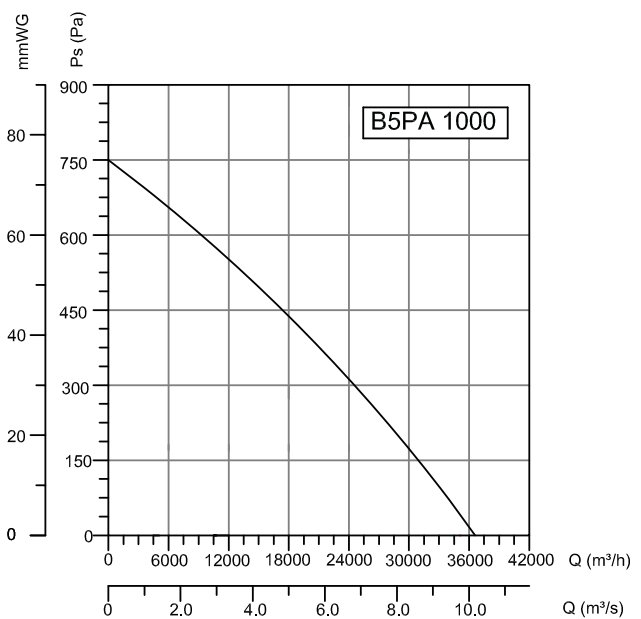
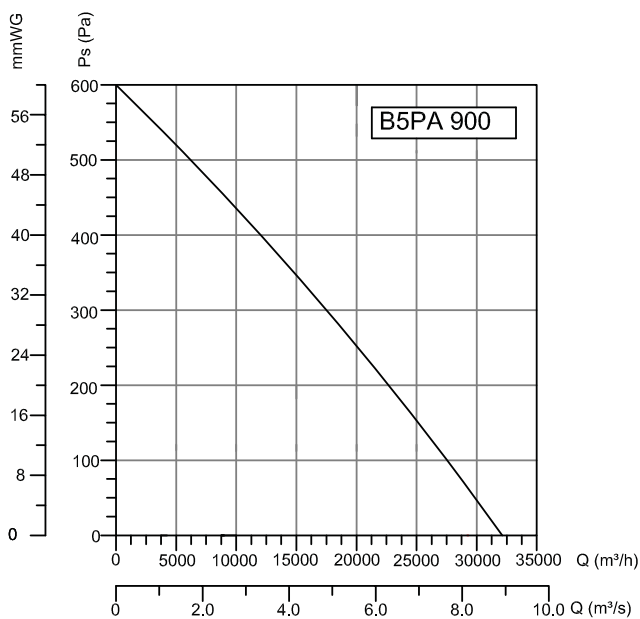
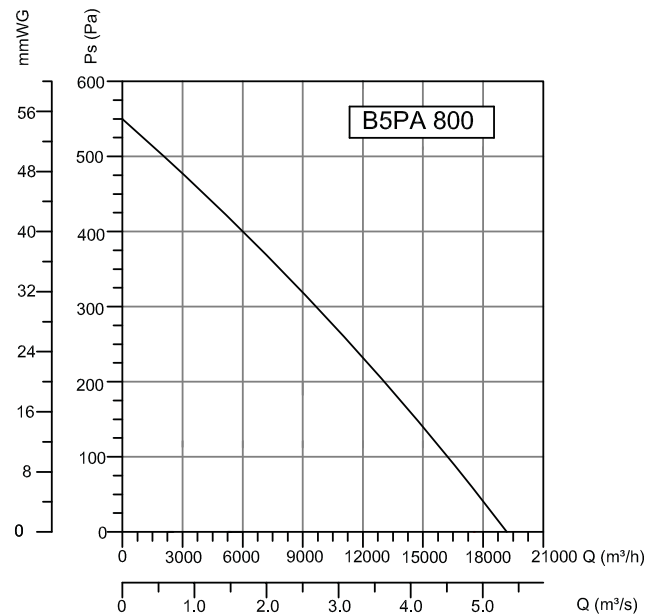
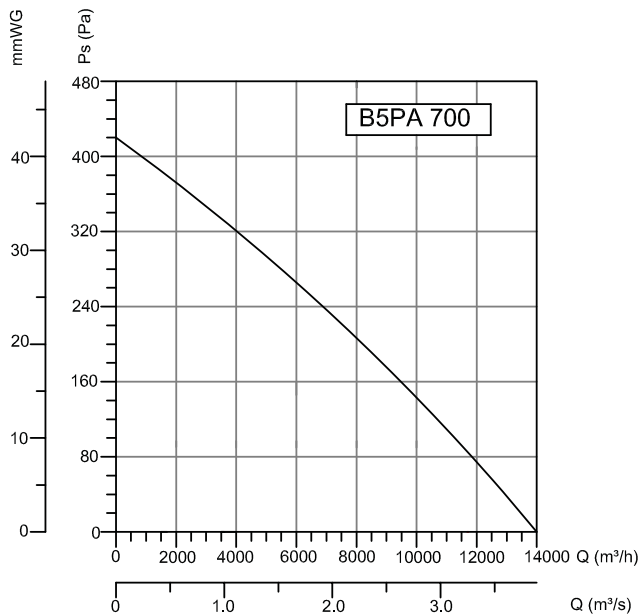
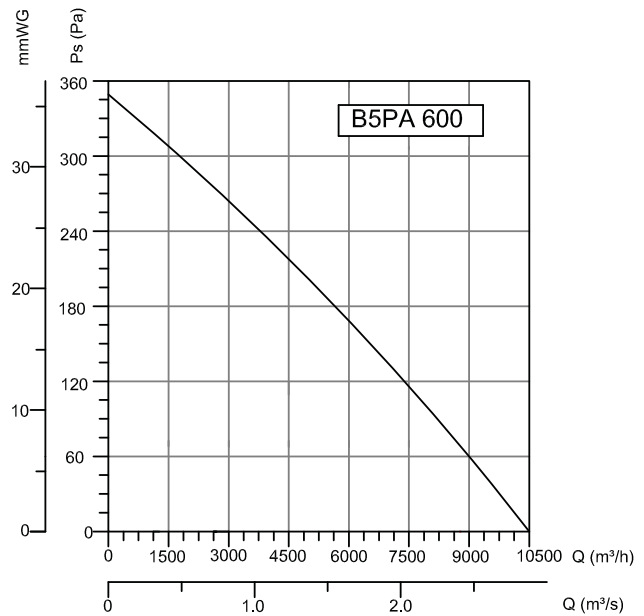
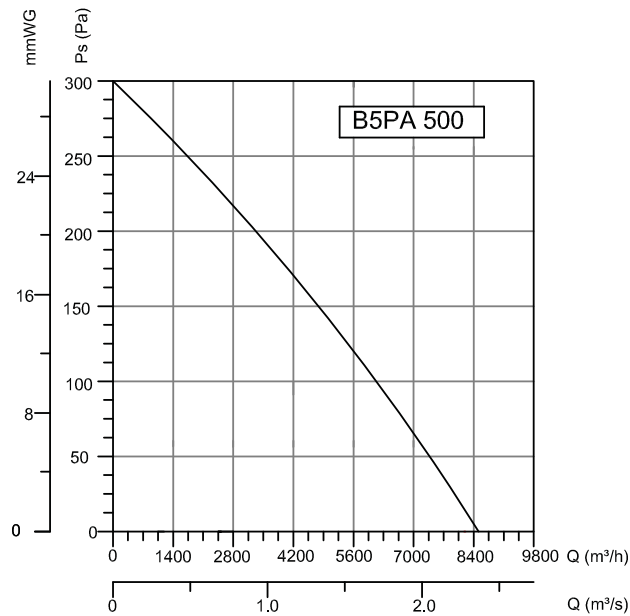


BSC-F

TYPE	A	B	C	D	E	F
B5PA 500	600	460	125	510	492	239
B5PA 600	700	550	125	610	592	239
B5PA 700	800	640	170	730	690	259
B5PA 800	950	770	220	830	780	284
B5PA 900	1100	900	250	930	880	336
B5PA 1000	1200	960	250	1030	990	375

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	Kw	(A)	d/d	m³/h	dB(A)	kg
B5PAM 500/ B5PAT 500	230/380	50	0.55	3,3/1,5	1400	8500	69	16.6
B5PAM 600/ B5PAT 600	230/380	50	0.75	4,6/2	1400	10500	75	20.5
B5PAM 700/ B5PAT 700	230/380	50	1.1	7,1/2,6	1400	14000	82	33
B5PAM 800/ B5PAT 800	230/380	50	2.2	13,4/5,1	1400	20000	85	52
B5PAT 900	230/380	50	4	8,2	1400	32000	88	61
B5PAT 1000	230/380	50	5.5	11,3	1400	37000	91	90



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

PLASTIC FANS

VENTILATORS

SMOKE EXHAUST SYSTEMS

ACCESSORIES

ROOF FANS

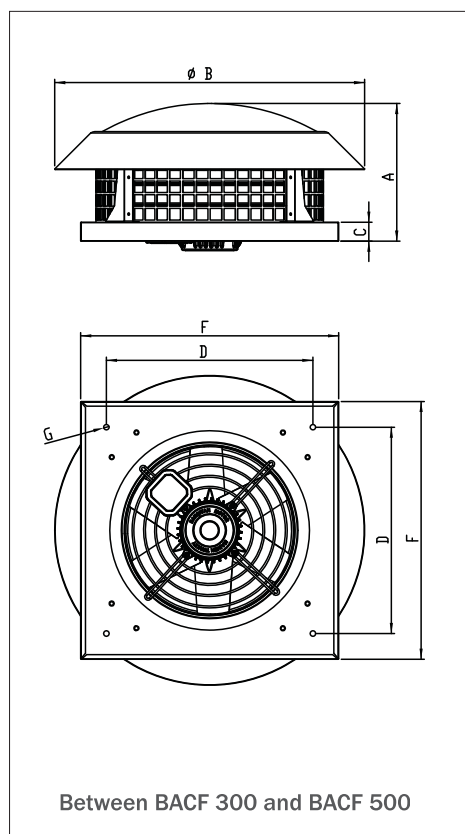


BACF

AC AXIAL ROOF FANS Horizontal Outlet

It is designed as maintenance-free for a long time. With highly efficient and esthetic structure, it can be mounted at a desired angle. With the ability of both suction and blowing, these fans provide suction and air supply.

Technical Drawings



MATERIAL

: The housing is made of electrostatic powder coated sheet iron; axial impeller is made of glass fiber mixed plastic.

INSULATION CLASS

: Class F

DIRECTIVE

: EN 60335-1, EN 60335-2-80

SPEED CONTROL

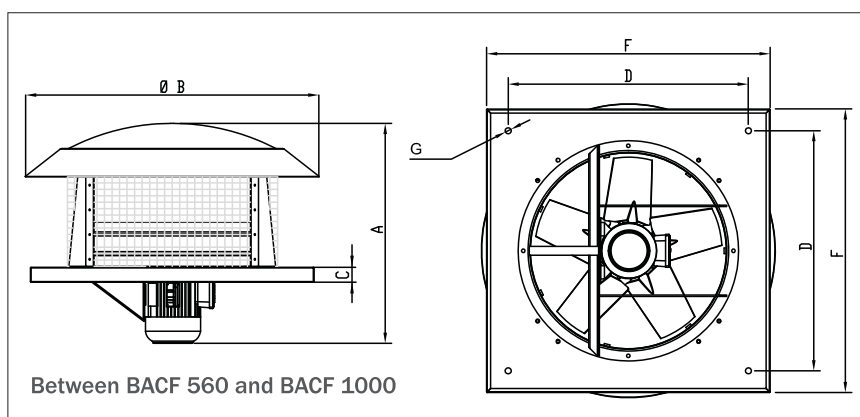
: Speed can be adjusted using an optional controller.

APPLICATION AREAS

: **Residential** ; bathrooms, toilets, utility rooms, indoor swimming pools, gyms, and storerooms.

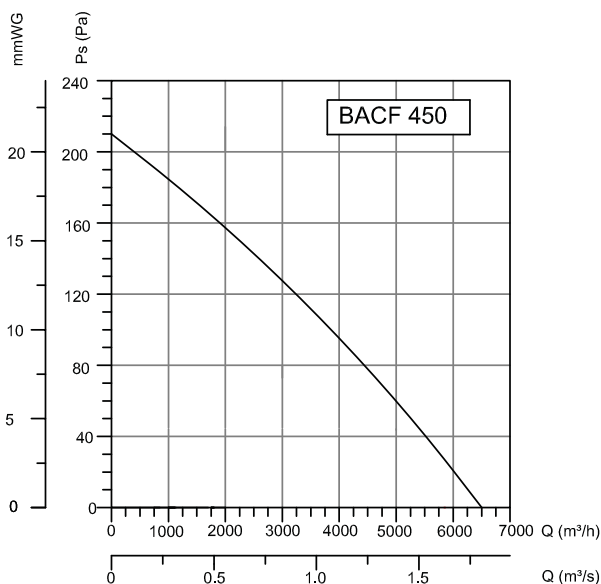
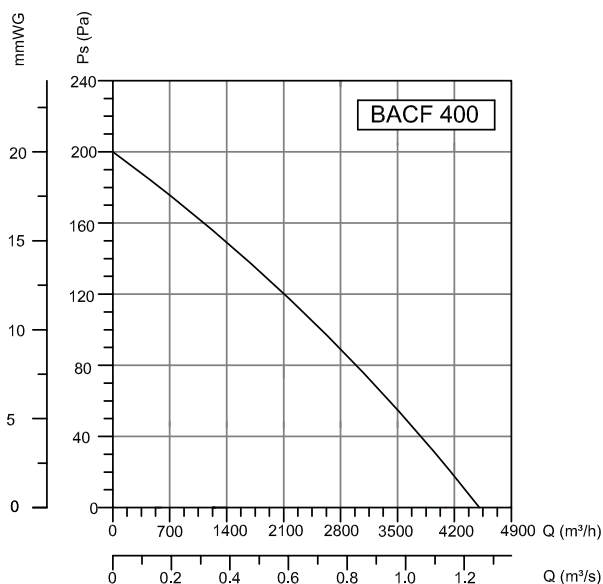
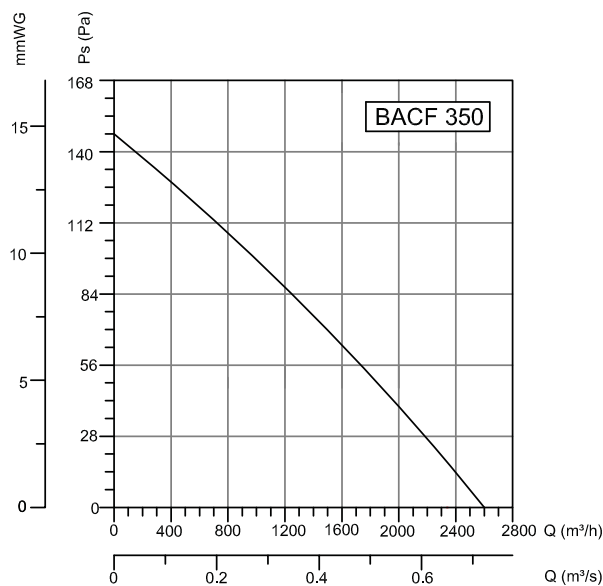
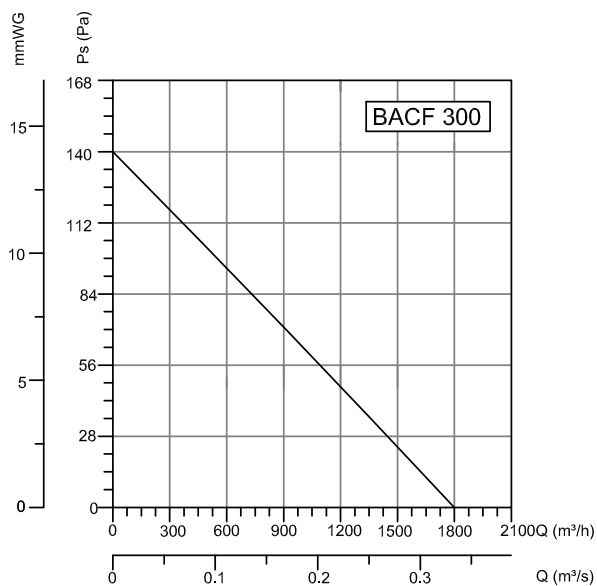
Commercial ; cafes, bars, restaurants, shops, schools, offices, factories, buildings, warehouses, night clubs, pubs, hotels, shopping centers, and leisure centers.

Industrial ; Equipment cooling, workshops, and spot ventilation.



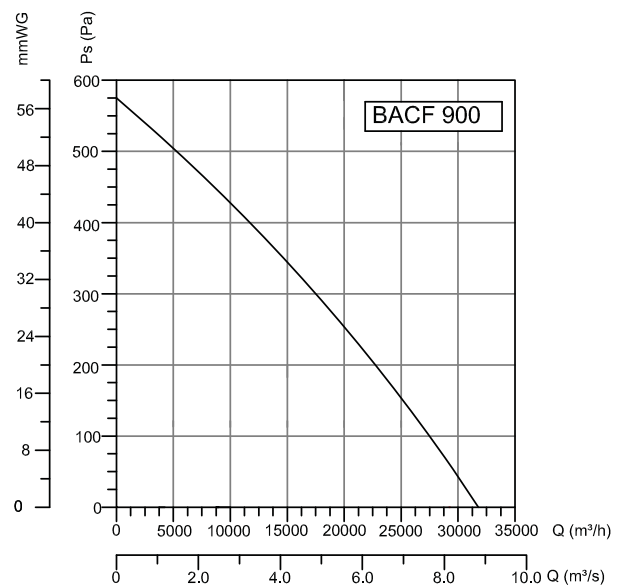
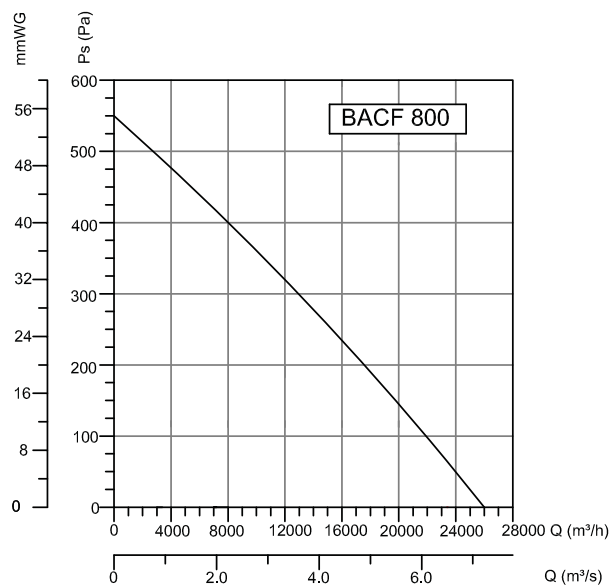
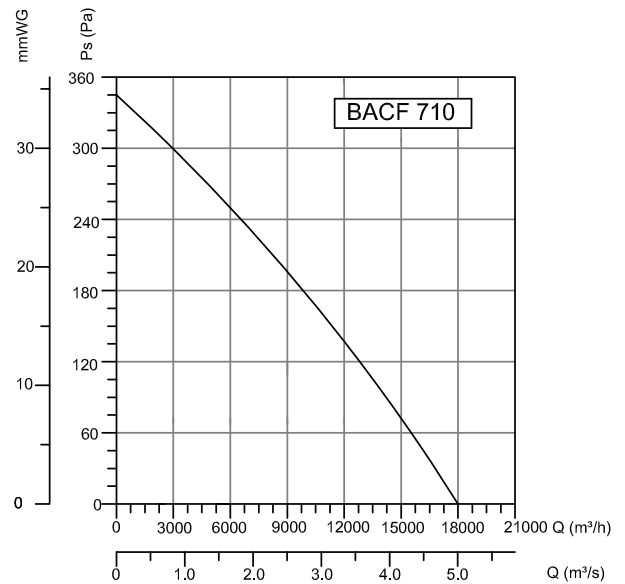
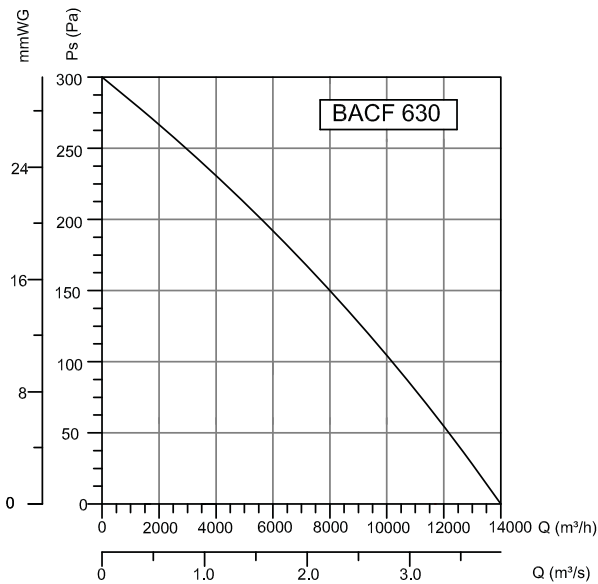
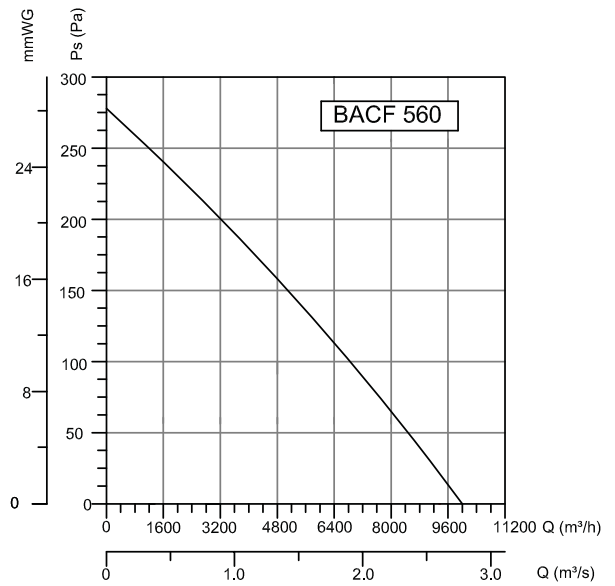
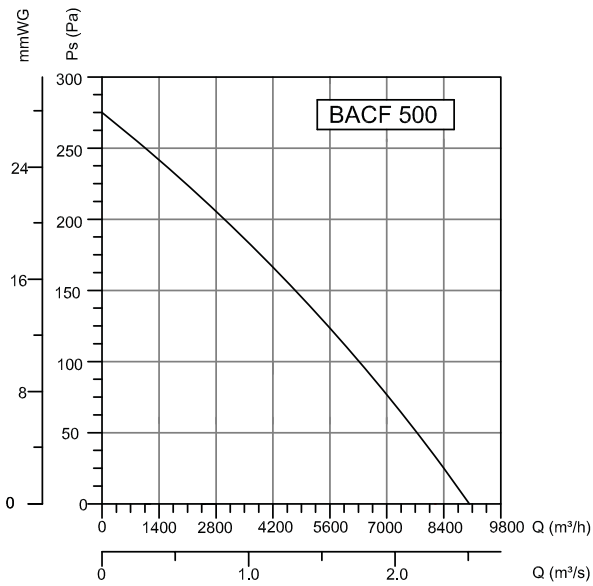
TYPE	A	B	C	D	F	G
BACF 300	340	685	40	450	560	12
BACF 350	340	685	40	450	560	12
BACF 400	470	824	40	530	630	12
BACF 450	480	824	40	590	710	12
BACF 500	480	824	40	680	740	12
BACF 560	710	1150	40	750	800	15
BACF 630	710	1150	40	750	850	15
BACF 710	800	1150	40	750	850	15
BACF 800	900	1450	40	900	1000	15
BACF 900	900	1450	40	900	1000	15
BACF 1000	950	1450	40	1000	1100	15

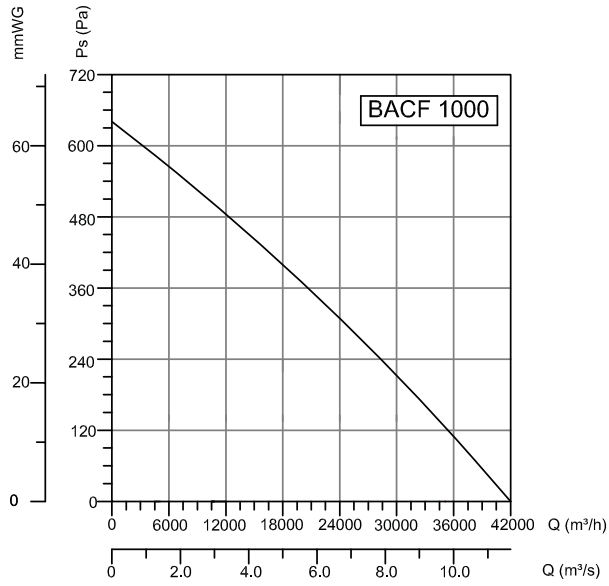
Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(μF)	d/d	m³/h	dB(A)	kg
BACF 300M / BACF 300T	230/380	50	200	8/-	1430	1800	48	16
BACF 350M / BACF 350T	230/380	50	250	8/-	1360	2600	49	18
BACF 400M / BACF 400T	230/380	50	290	8/-	1400	4500	51	20
BACF 450M / BACF 450T	230/380	50	325	8/-	1375	6500	54	25
BACF 500M / BACF 500T	230/380	50	430	8/-	1350	8500	57	30
BACF 560M / BACF 560T	230/380	50	0,75	20/-	1450	10400	62	37
BACF 630M / BACF 630T	230/380	50	1,1	30/-	1450	14000	63	45
BACF 710M / BACF 710T	230/380	50	1,5	40/-	1450	18000	68	53
BACF 800M / BACF 800T	230/380	50	2,2	50/-	1450	26000	72	75
BACF 900T	380	50	3	-	1450	32000	77	80
BACF 1000T	380	50	5,5	-	1400	42000	91-100	105

ROOF FANS





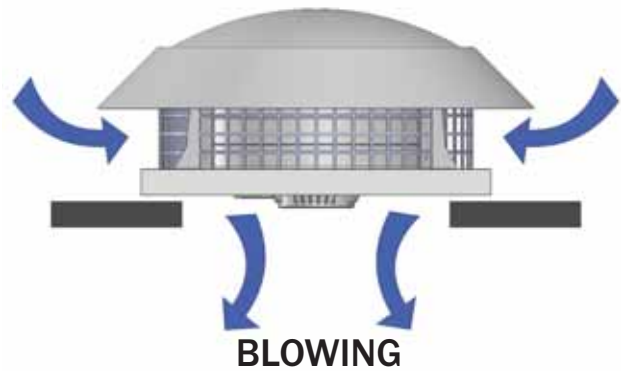
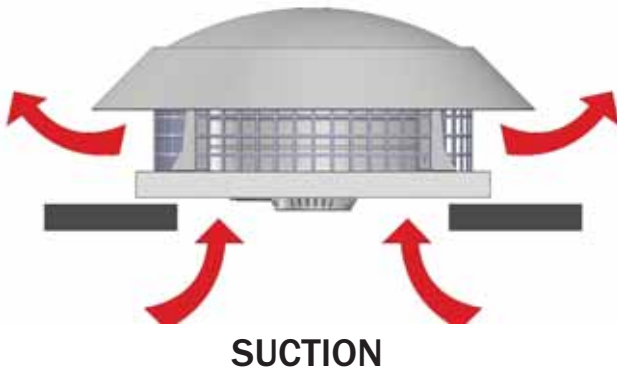
Accessories



BSC



BSC-F



RADIAL FANS



BASSF

AC CENTRIFUGAL MOTORIZED IMPELLERS Forward Curved

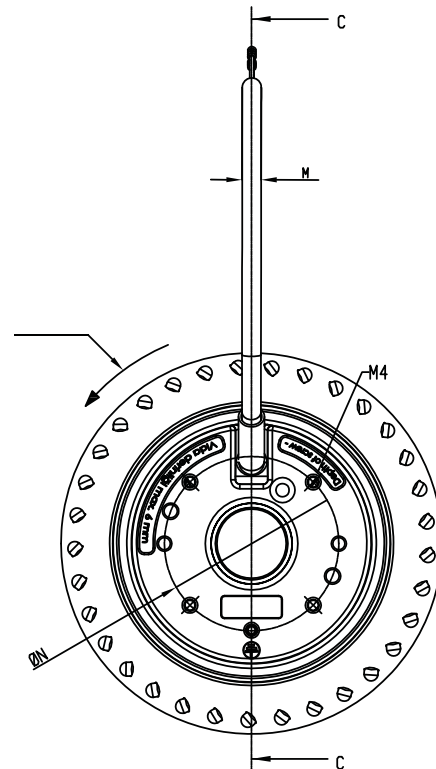
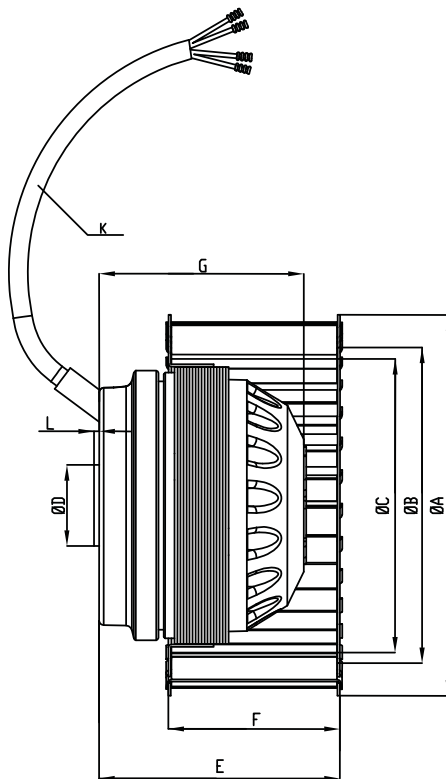
High static pressure / laminar air flow / low noise level / powerful design / high efficiency / space saving due to their compact structure.

Technical Drawings

MATERIAL
INSULATION CLASS
DIRECTIVE
SPEED CONTROL

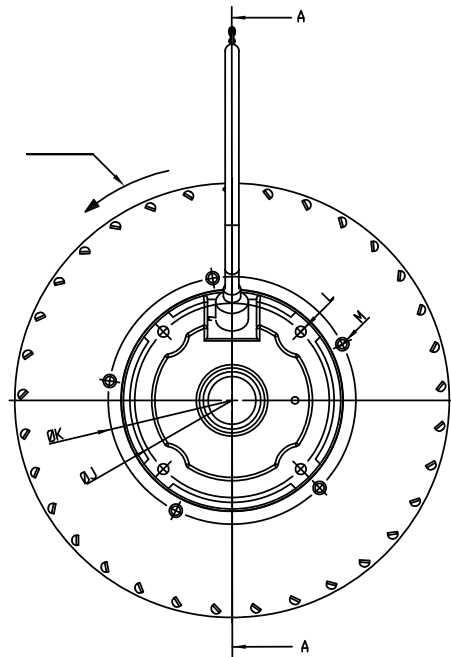
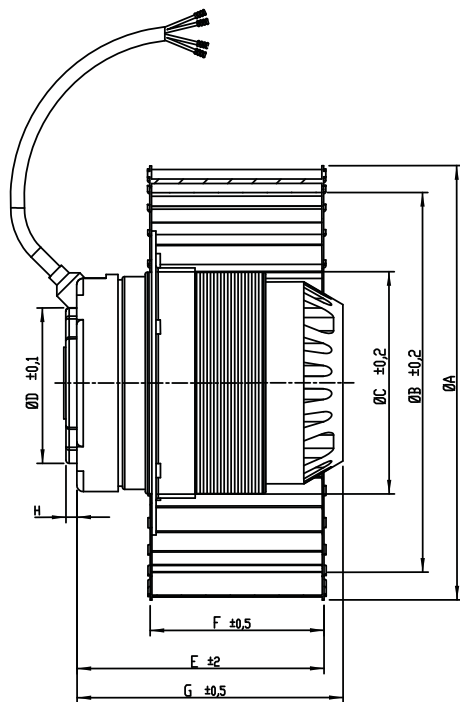
APPLICATION AREAS

- : Blade is made of galvanized sheet steel.
- : Class B and Class F
- : EN 60335, EN 60335-2-80
- : Speed can be adjusted using an optional controller.
- : Duct fans, centrifugal fans, machines cooling and boilers, elevator motor cooling, yacht air conditioning, electric board cooling, laboratories, residential and industrial areas etc.



TYPE	A	B	C	D	E	F	G	K	L	M	N
BASSF 120-60	120	102	92	27	78	62	64	220	2	6	58
BASSF 140-60	140	124	92	27	80	59	71	220	2	6	58
BASSF 160-60	160	137	92	27	83	62	81	220	2	6	58

(E) Dimension is variable according to motor stator dimension.

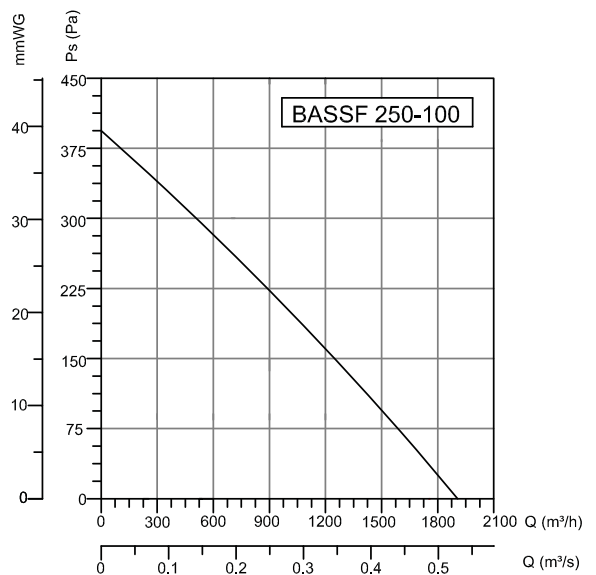
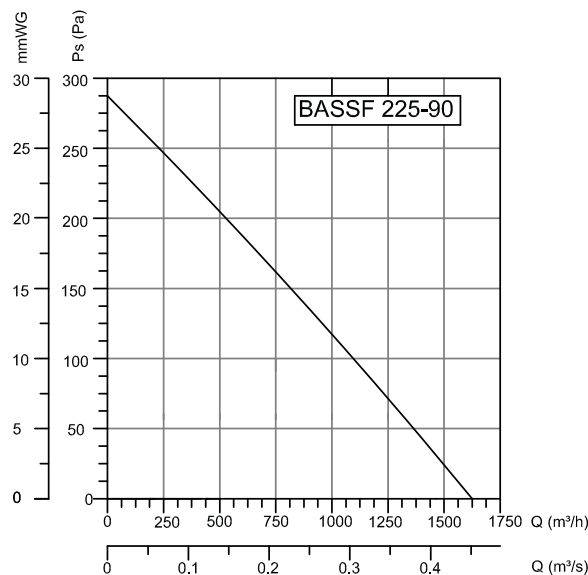
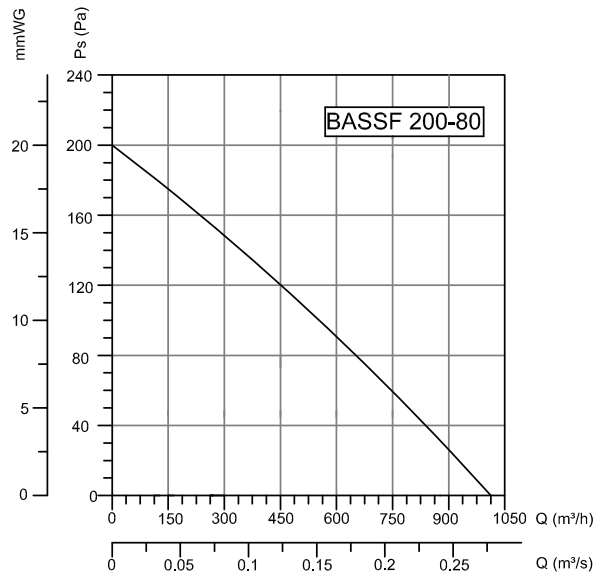
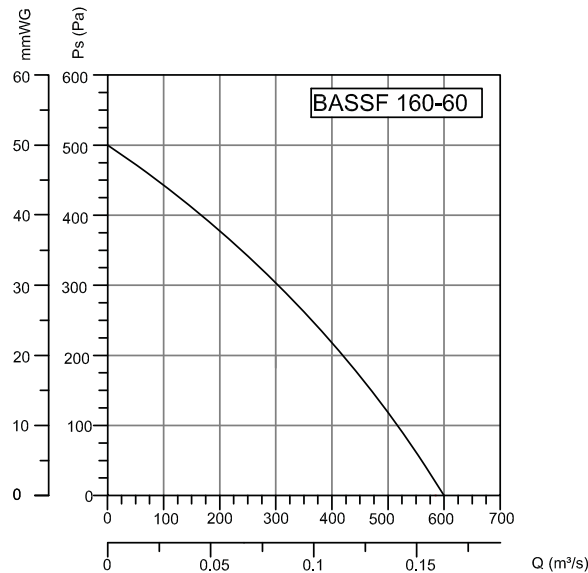
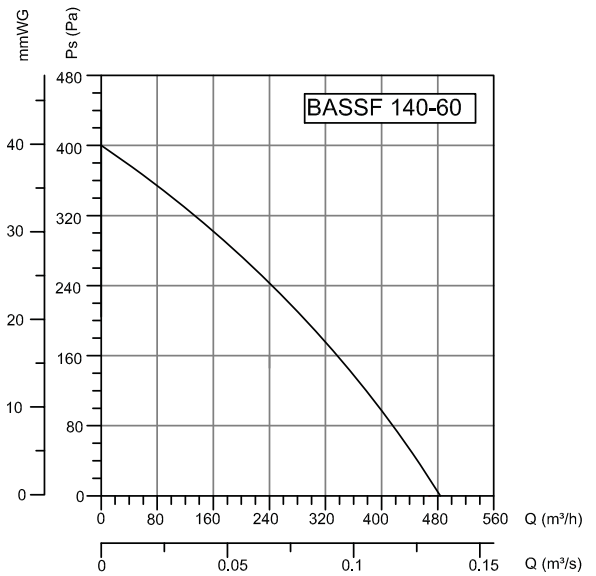
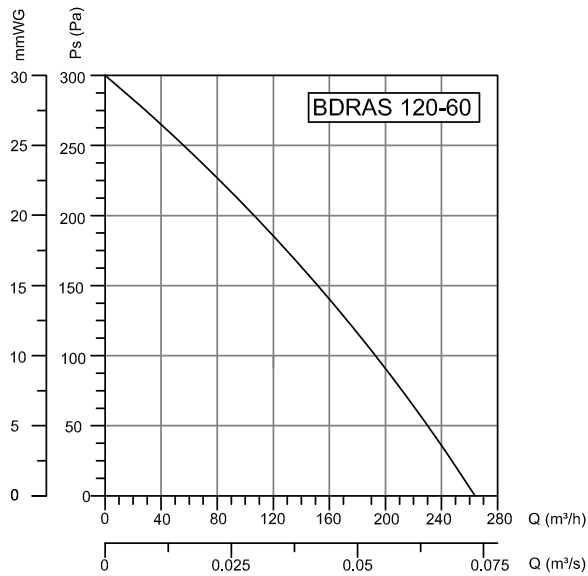


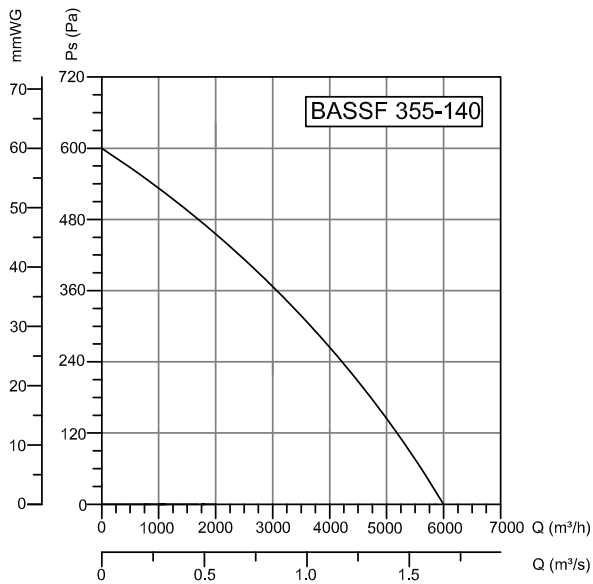
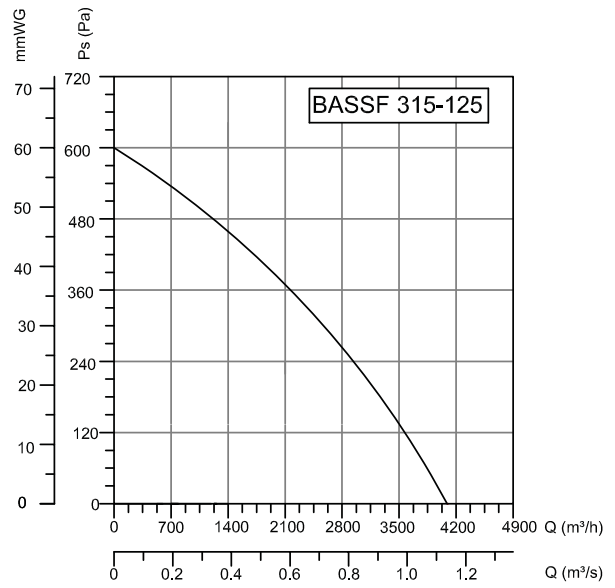
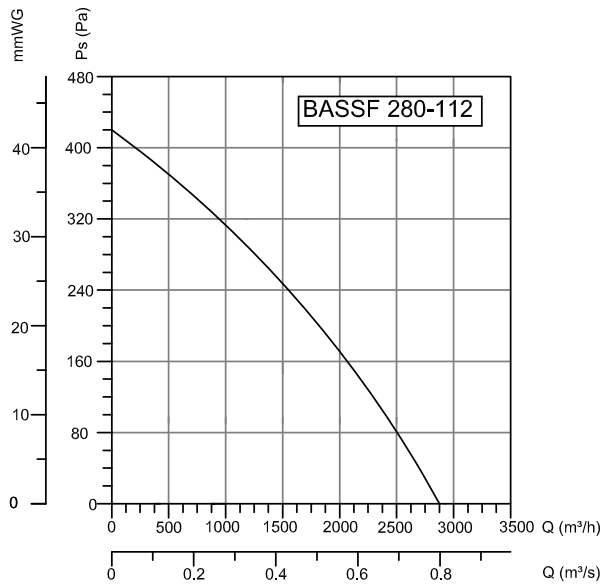
TYPE	A	B	C	D	E	F	G	H	J	K	L	M
BASSF 200-80	200	172	102	74	114	80	122,5	5	89,5	120	M6	M5
BASSF 225-90	225	179	137	105	136	90	140	6	122	154	M6	M5
BASSF 250-100	250	203	137	105	164	98	160	6	122	154	M6	M5
BASSF 280-112	280	234	188	140	150	112	159	6	161,5	210	M10	M8
BASSF 315-125	315	259	188	140	163	125	159	6	161,5	210	M10	M8
BASSF 355-138	355	298	188	140	176	138	185	6	161,5	210	M10	M8

(E) Dimension is variable according to motor stator dimension.

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(A)	(µF)	d/d	m³/h	dB(A)	kg
BASSF 120-60	230	50	80	0,33	2,5	2680	275	60	1.4
BASSF 140-60	230	50	120	0,5	4	2630	485	61	1.8
BASSF 160-60	230	50	150	0,6	5	2630	600	65	2.1
BASSF 200-80	230	50	200	0,9	6	1250	1000	53	12
BASSF 225-90	230	50	230	0,15	8	1400	1600	55	16
BASSF 250-100	230	50	295	2,1	14	1250	1900	58	19
BASSF 280-112	380	50	950	2,6	-	1350	2850	61	23
BASSF 315-125	380	50	1230	2,7	-	1280	4000	64	33
BASSF 355-140	380	50	2500	1,5	-	915	6000	70	40

RADIAL FANS





Accessories



BSC



BSC-F



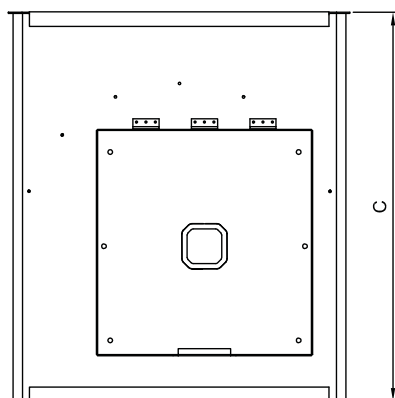
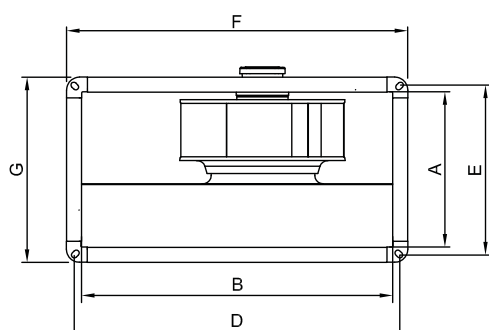
BDKF

AC RECTANGULAR IN LINE DUCT FANS Backward Curved



Bahcivan Brand Rectangular In-Line Duct Fans engineered for medium and large ventilation needs where space is at a premium. BDKF Rectangular fans developed and manufactured for high performance, trouble-free, and direct-to-duct operations. The motorized impeller is mounted on a hinged door - the user just swings the door out for easy access to the impeller for maintenance.

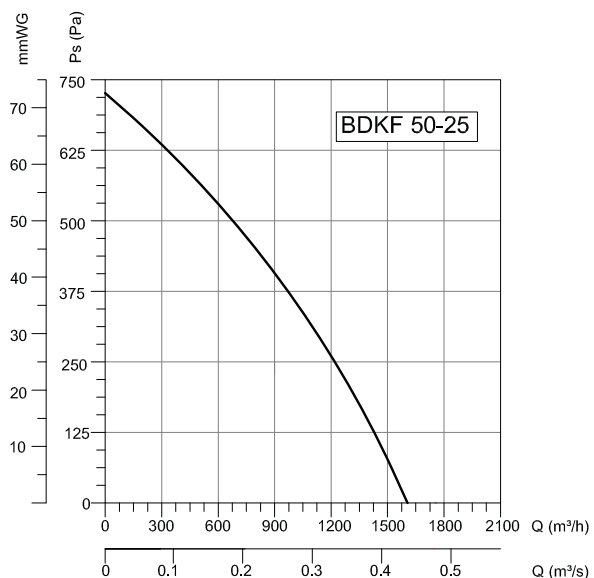
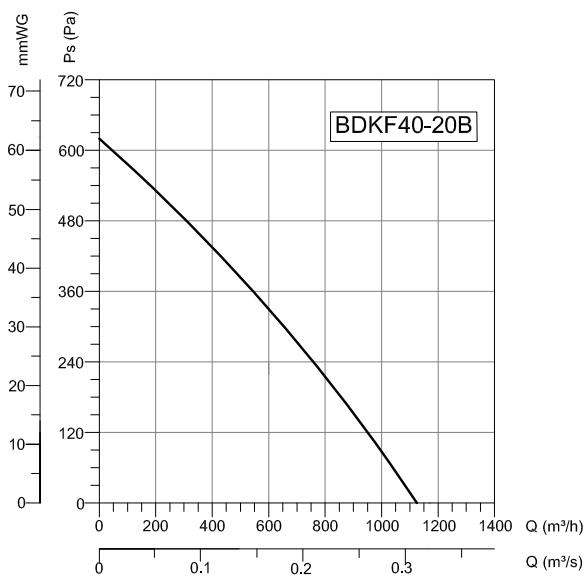
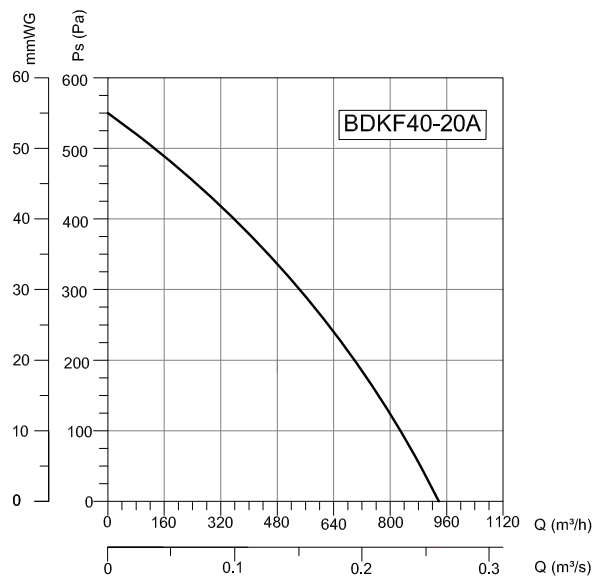
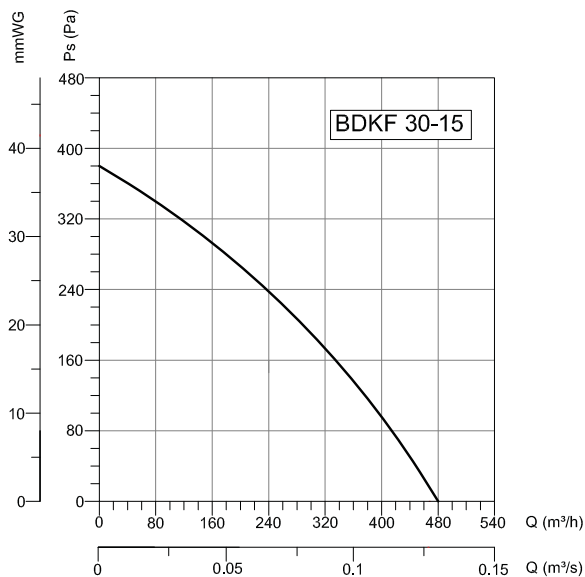
Technical Drawings



- MATERIAL** : The housing and impeller is galvanized sheet steel.
- INSULATION CLASS** : Class B
- DIRECTIVE** : Complying with EN 60335-1, EN 60335-2-80
- PROTECTION OF MOTOR** : Thermal overload protection is available upon request.(Connector box- IP 55)
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- DIRECTION OF ROTATION** : Direction of impeller from inlet side is CW (Clock wise). As it is going to cause extra load on the wrong direction rotation must be checked carefully.
- APPLICATION AREAS** : BDKF rectangular in-line duct fan series is perfect for use in residential, commercial, and industrial environments, for ventilation applications such as:
Residential; Bathrooms, toilets, utility rooms, indoor swimming pools, gyms, and storerooms.
Commercial; Cafes, bars, restaurants, shops, schools, offices, factories, buildings, warehouses, night clubs, pubs, hotels, shopping centers, and leisure centers.
Industrial; Equipment cooling, workshops, and spot ventilation.

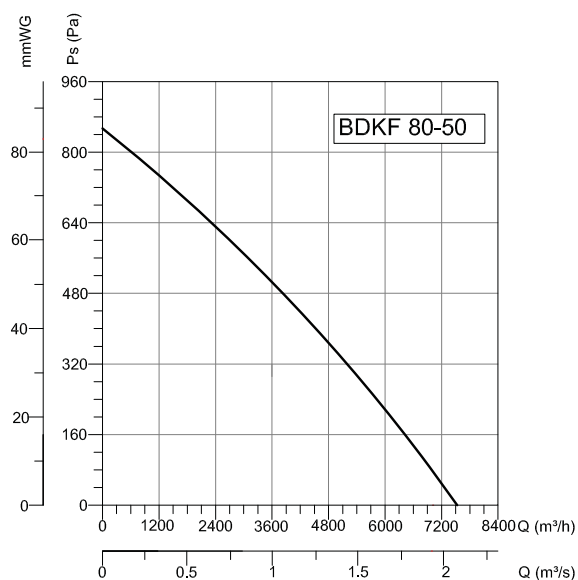
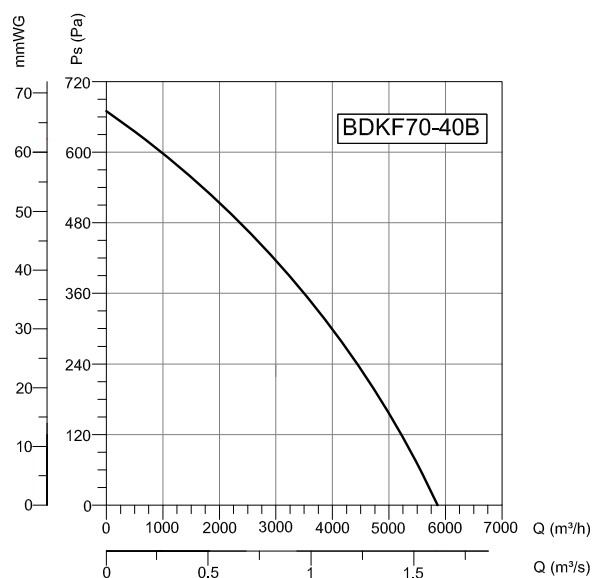
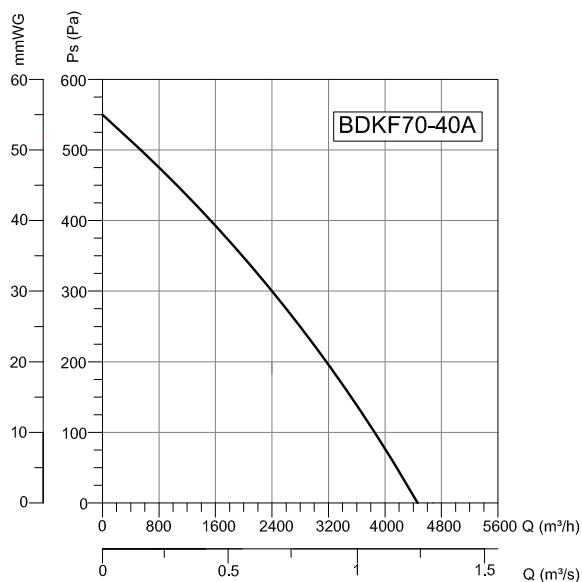
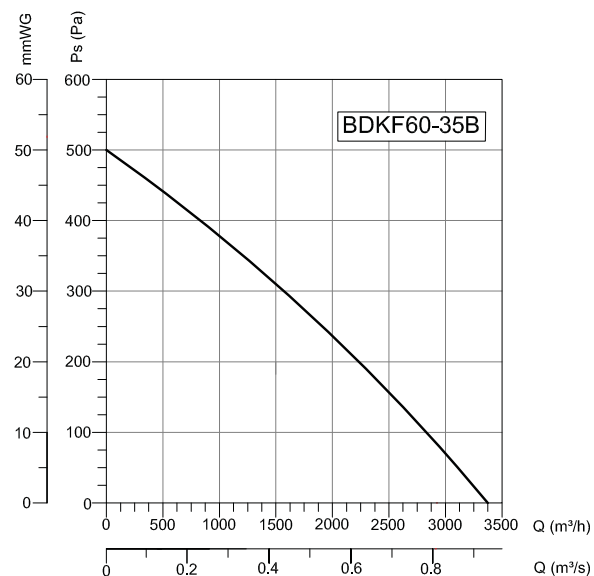
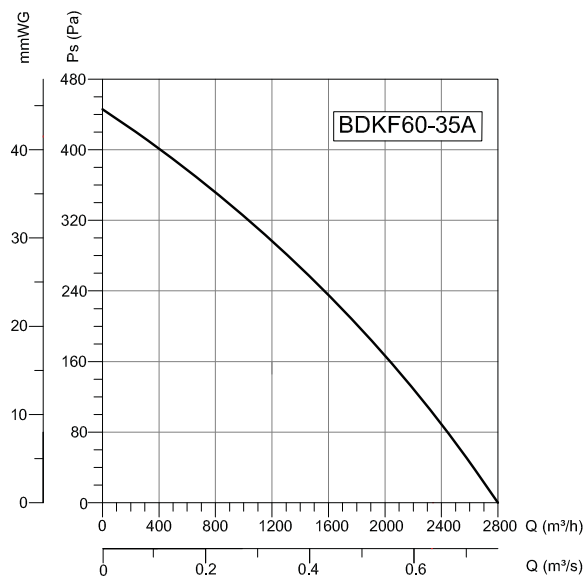
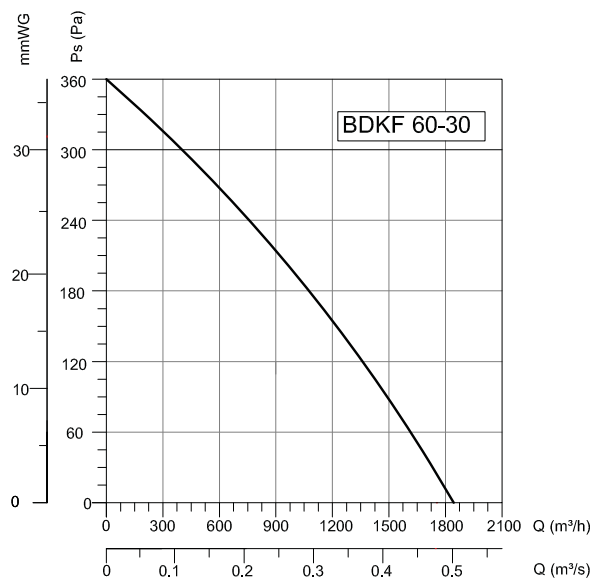
TYPE	A	B	C	D	E	F	G
BDKF 30-15	150	300	400	320	170	350	200
BDKF 40-20A	200	400	500	420	220	450	250
BDKF 40-20B	200	400	500	420	220	450	250
BDKF 50-25	250	500	565	520	270	550	300
BDKF 60-30	300	600	650	620	320	650	350
BDKF 60-35A	350	600	760	620	370	650	400
BDKF60-35B	350	600	760	620	370	650	400
BDKF70-40A	400	700	800	720	420	750	450
BDKF70-40B	400	700	800	720	420	750	450
BDKF 80-50	500	800	920	820	520	850	560
BDKF 100-50	500	1000	1050	1030	530	1060	560

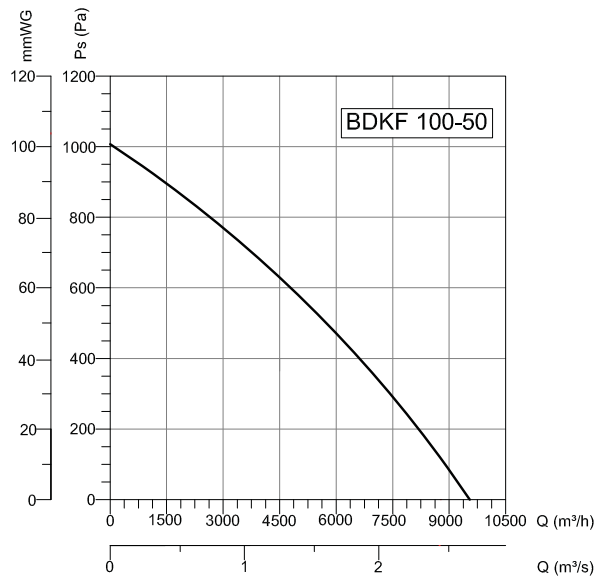
Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(A)	(μF)	d/d	m³/h	dB(A)	kg
BDKF 30-15	230	50	90	0,4	2,5	2630	480	70	7
BDKF 40-20A	230	50	104	0,47	4	2645	950	73	10,5
BDKF 40-20B	230	50	130	0,58	5	2675	1150	75	11
BDKF 50-25	230	50	180	0,8	6	2635	1610	78	15
BDKF 60-30	230	50	147	0,66	6	1440	1850	70	29
BDKF 60-35A	230	50	340	0,64	6	1440	2800	72	31
BDKF60-35B	230	50	380	0,96	8	1420	3400	78	32
BDKF70-40A	230	50	620	2,06	16	1430	4500	78	44
BDKF 70-40B	230	50	690	3	18	1435	5900	79	46
BDKF 80-50	380	50	1080	2,5	-	1350	7550	79	66
BDKF 100-50	380	50	1670	3	-	1350	9600	80	84

DUCT FANS





Accessories



BSC



BSC-F



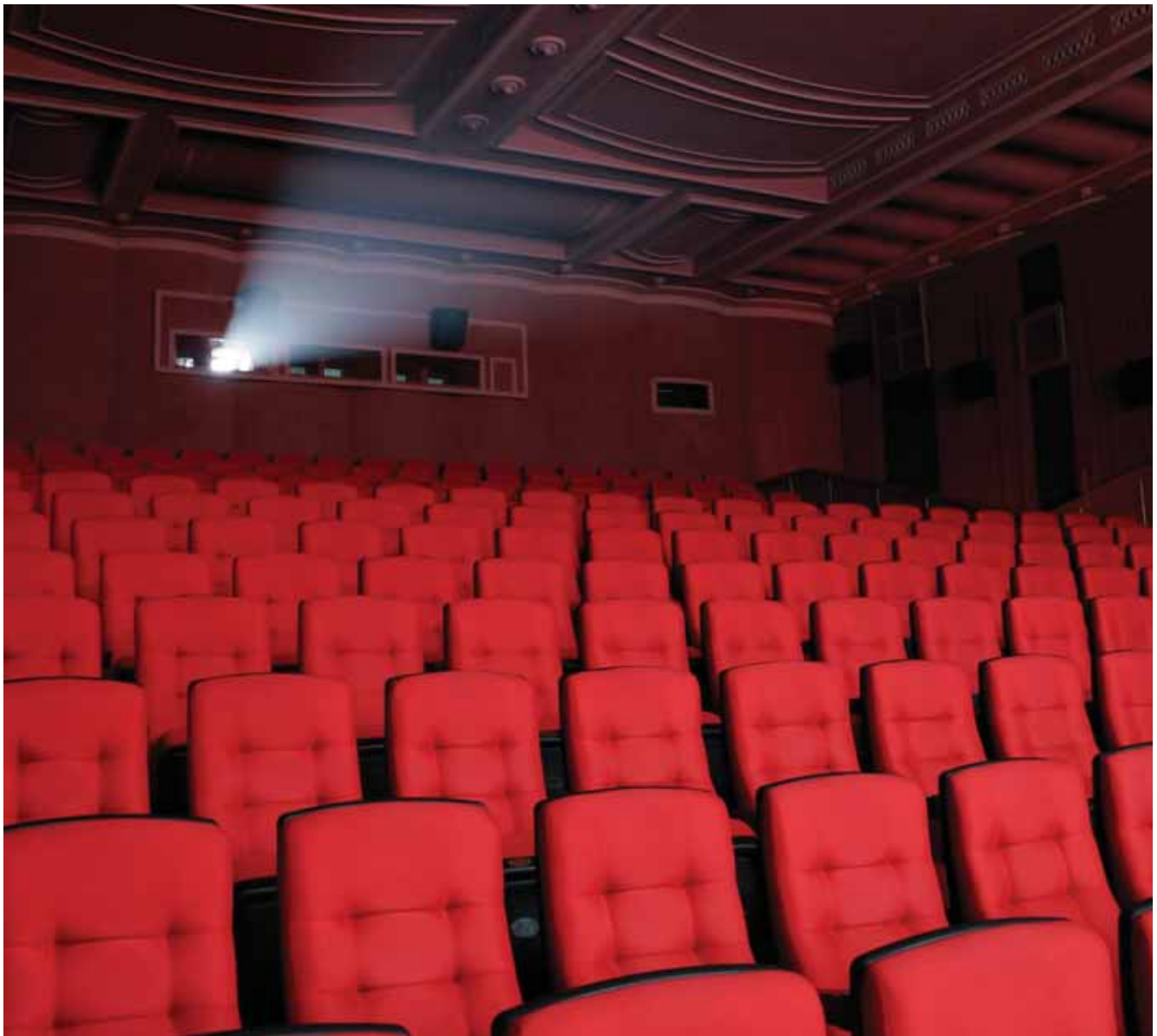
BDEB



BDH



BDKS



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

PLASTIC FANS

VENTILATORS

SMOKE EXHAUST SYSTEMS

ACCESSORIES

PLASTIC FANS

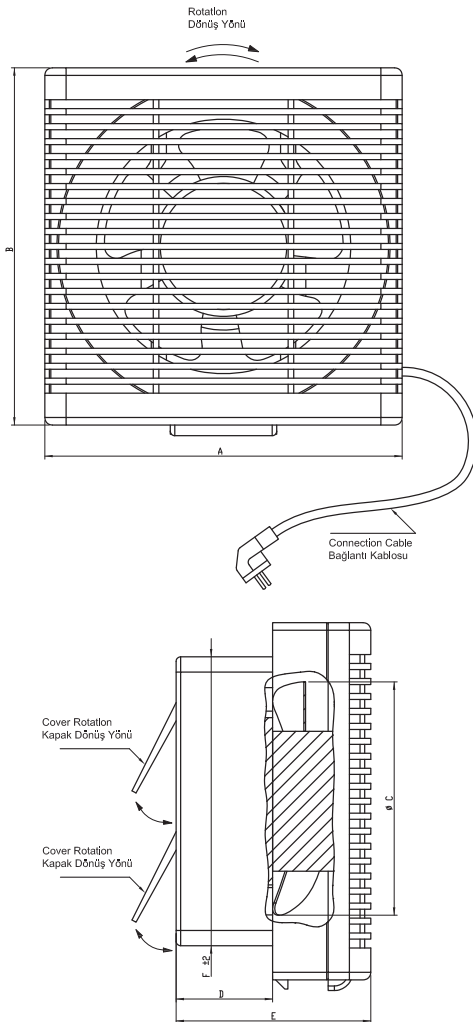


BPP

AC REVERSIBLE WALL MOUNTED PLASTIC FANS

The unification of the grill and panel - both in a single composite structure, gives a slimmer body to the fan and a tight fit on installation. Airflow direction can be changed by switch cord.

Technical Drawings



MATERIAL

: ABS plastic material. Impeller's design and dynamic balance provides a high air performance. Thanks to it's special surface, never shine and change color.

INSULATION CLASS

: Class B

DIRECTIVE

: EN 60335-1, EN 60335-2-80

SPEED CONTROL

: Speed can be adjusted using an optional controller.

APPLICATION AREAS

: Bathrooms, kitchens, meeting rooms, offices etc. Used in Areas, where silence desired or strength needed against corrosion.

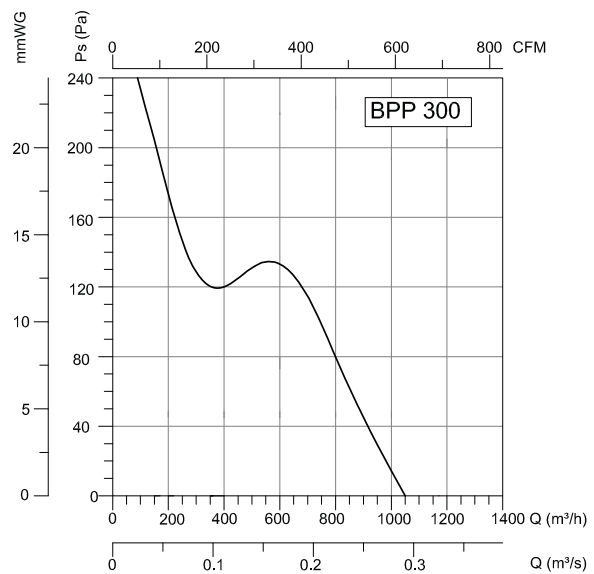
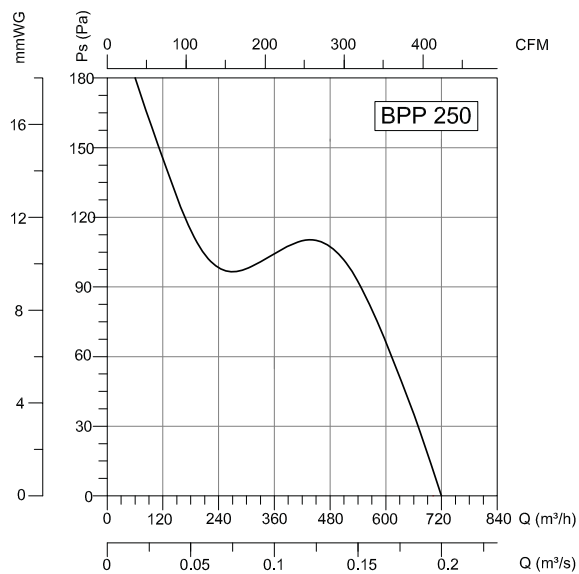
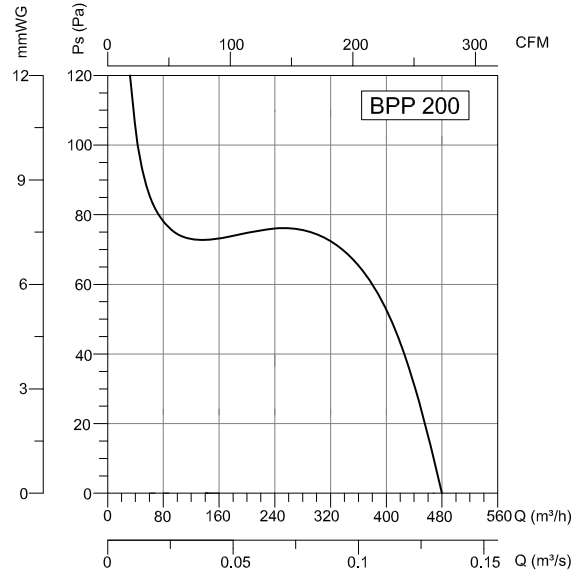
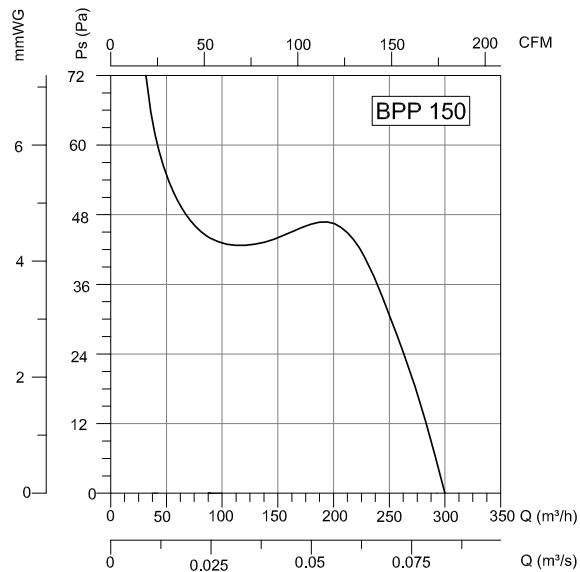
Accessories



BSC

TYPE	A	B	C	D	E	F
BPP 15	235	235	160	65	130	190
BPP 20	290	290	200	65	140	240
BPP 25	340	340	250	70	145	290
BPP 30	395	395	300	80	155	335

Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(A)	d/d	m³/h	dB(A)	kg
BPP 15	230	50	25	0,14	1300	300	40	1.8
BPP 20	230	50	30	0,16	1250	500	41	2.6
BPP 25	230	50	35	0,19	1200	735	43	2.8
BPP 30	230	50	45	0,25	1100	1100	44	3.2