

DUCT FANS

- BDRKF
- BDTX
- BPX
- BFTX
- BDKF
- BDKF-R
- BYDF
- BSKF
- BSKF-R
- BKEF
- BKEF-T
- BKEF-R
- BHV
- BHV-R



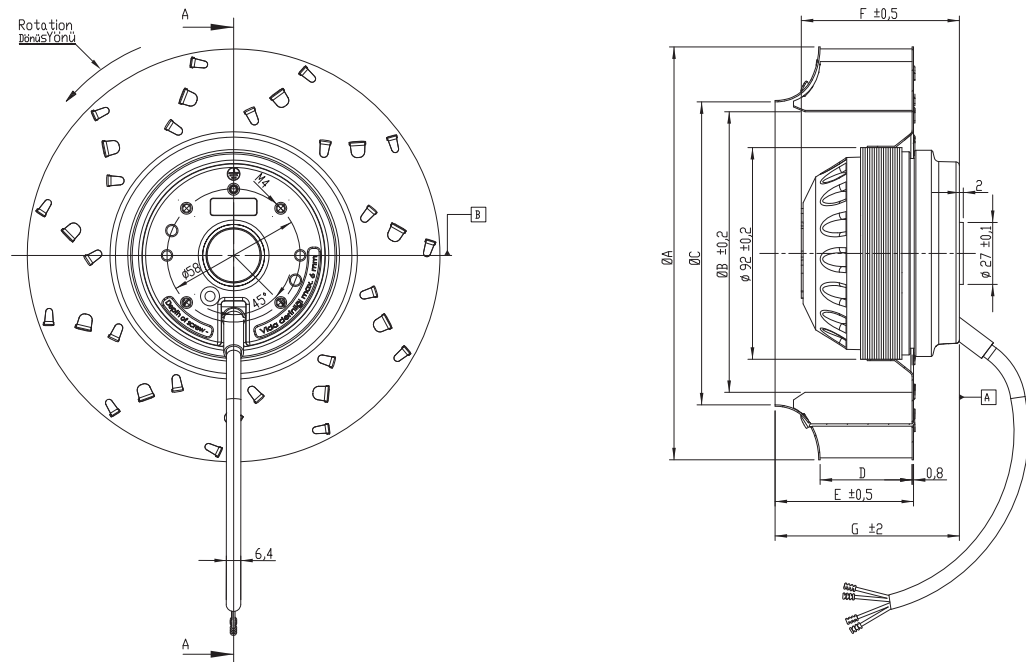
BDRKF

AC CENTRIFUGAL MOTORIZED IMPELLERS
Backward Curved

Strong air suction / high pressure / high efficiency / powerful design / low noise / laminar air flow

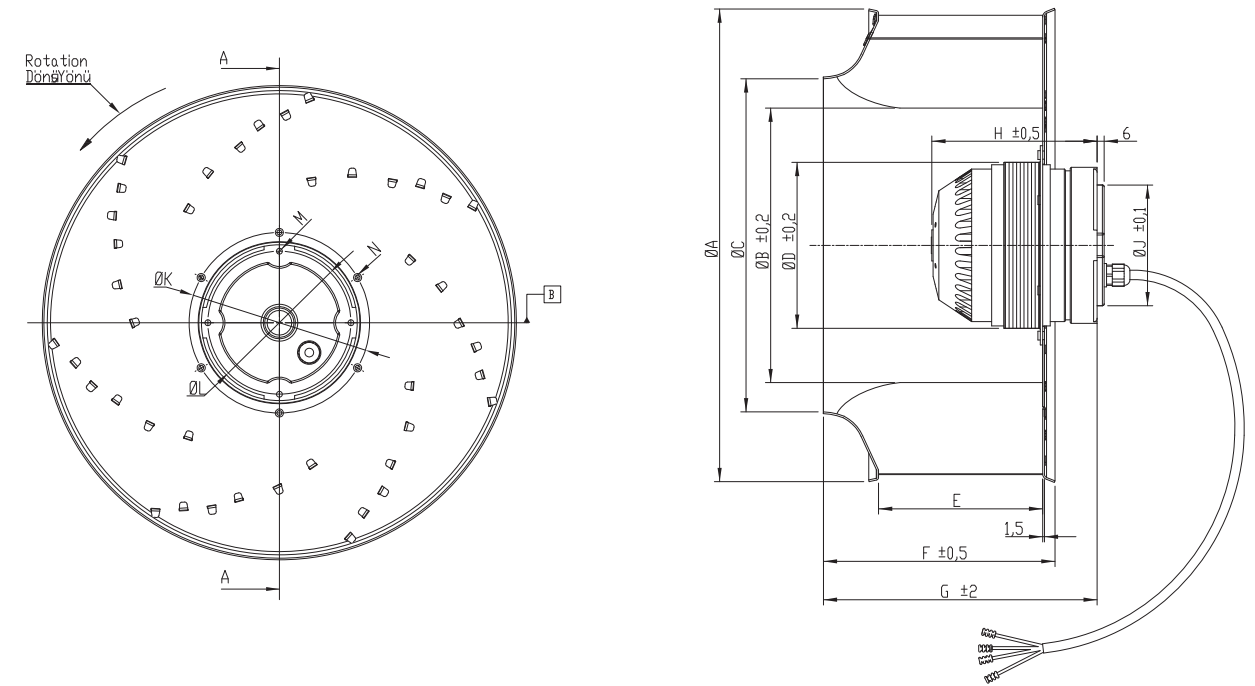
- MATERIAL** : Impeller is made of galvanized sheet metal or aluminium sheet.
- INSULATION CLASS** : Class B & Class F
- DIRECTIVE** : EN 60335, EN 60335-2-80
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : For industrial applications, duct fans, roof fans, centrifugal fans, heat exchangers, Air Handling Units, in factories, hospitals, laboratories, offices, kitchens, etc.

Technical Drawings



TYPE	A	B	C	D	E	F	G
BDRKF 160	162	118	121,5	40	60,5	66	80
BDRKF 180	179,5	118	121,5	40	60,5	69	84
BDRKF 225	227	149,5	153	40	67	76	84
BDRKF 250	252	169	172,5	40	69	90	97
BDRKF 280	281	189	190	40	75	90	104

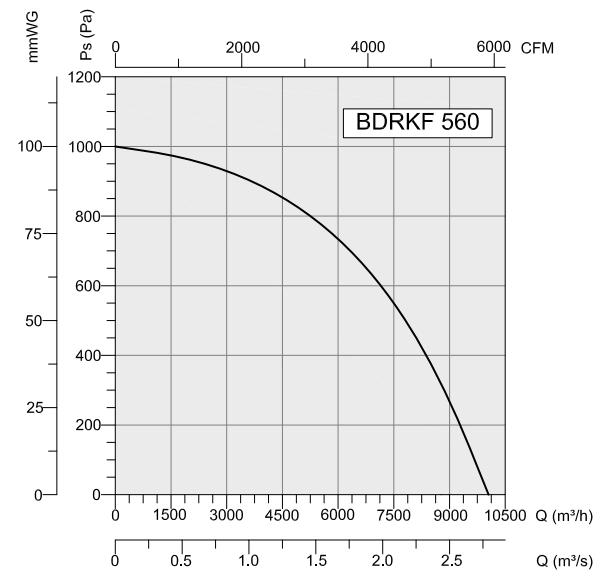
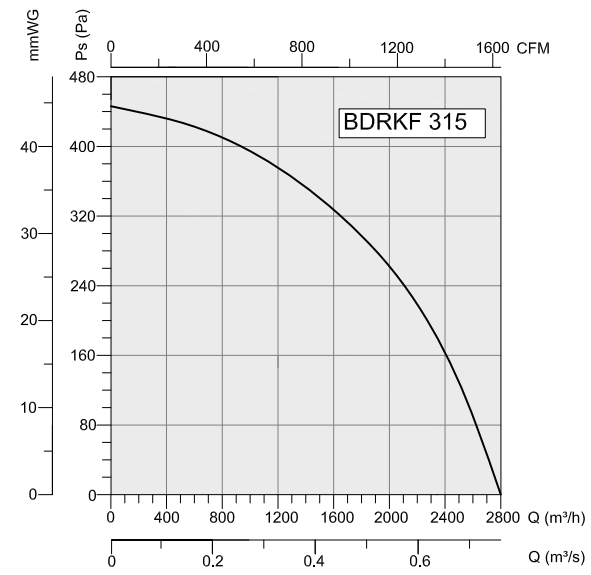
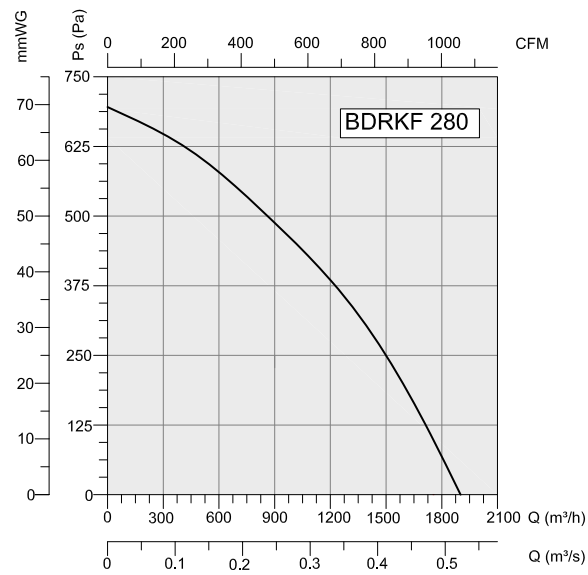
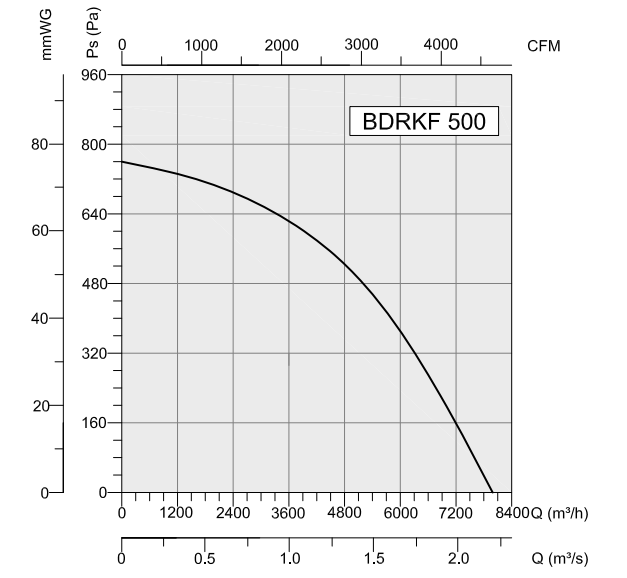
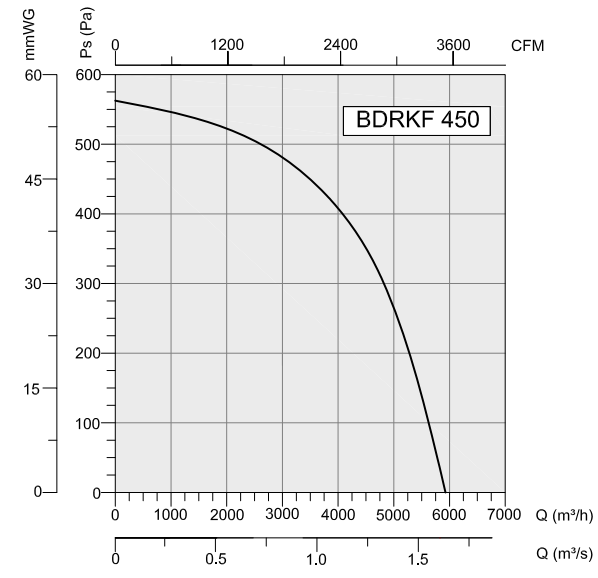
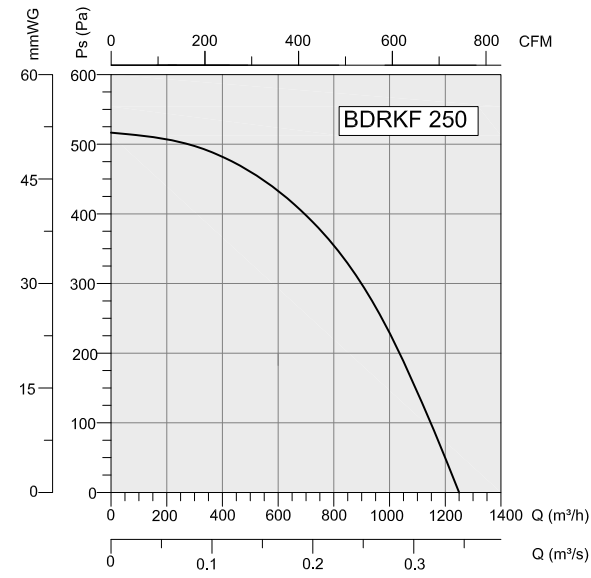
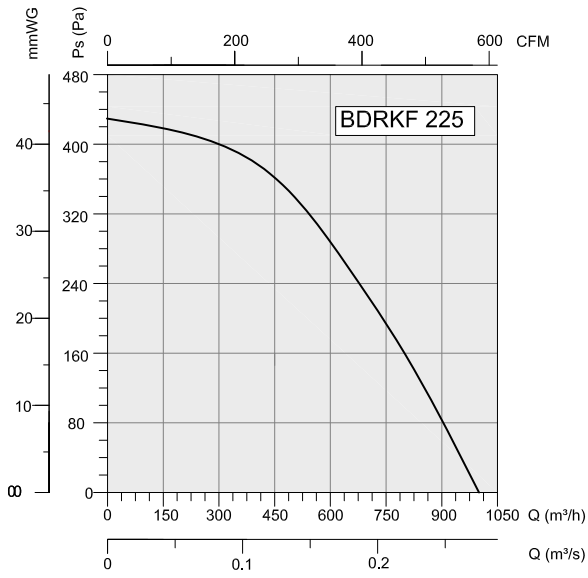
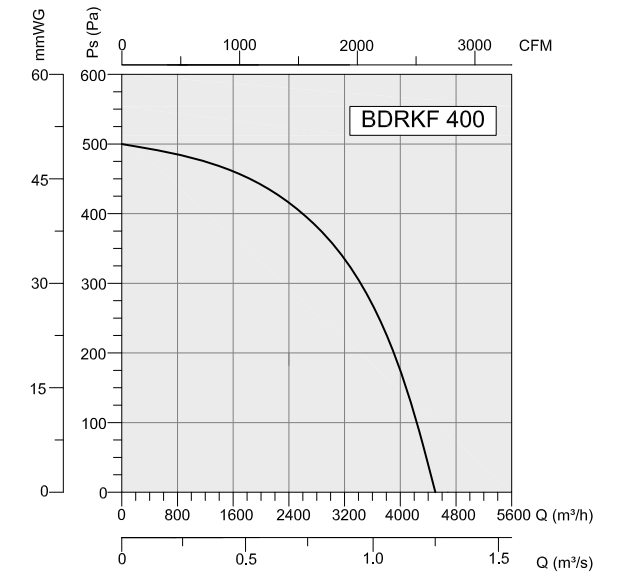
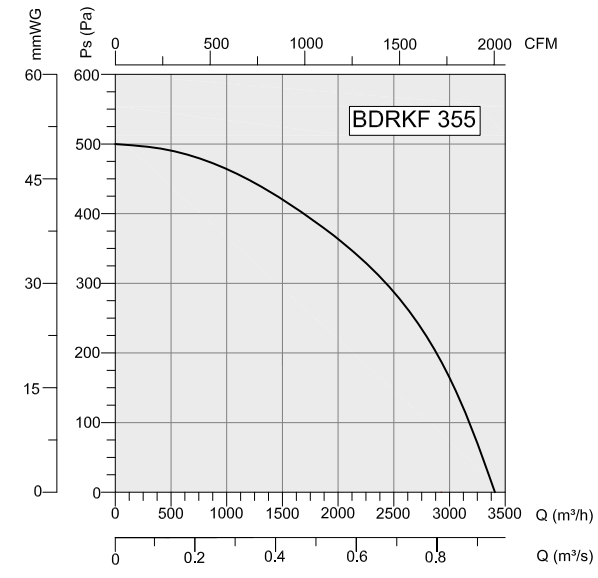
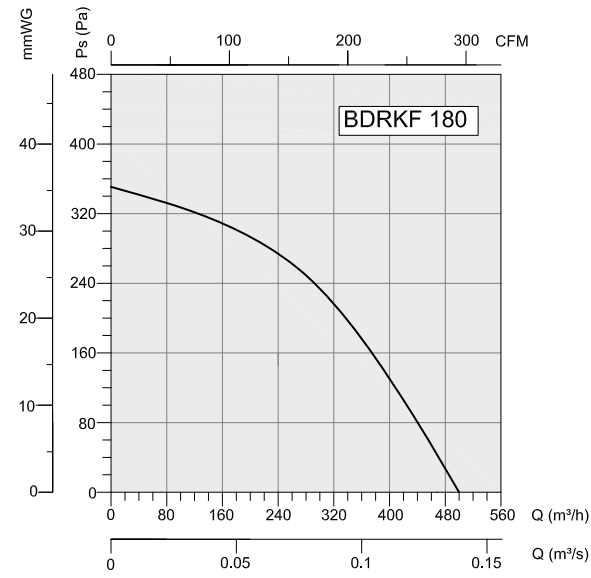
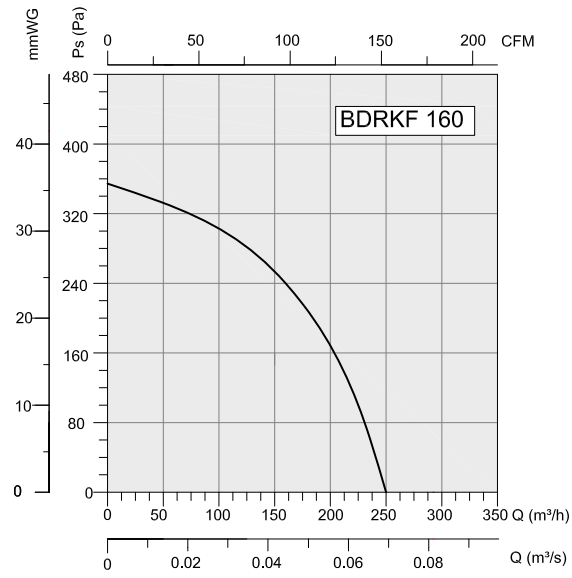
G diameter is variable according to motor stator height.



TYPE	A	B	C	D	E	F	G	H	J	K	L	M	N
BDRKF 315	316	217	209	102	102	141	168	102	74	114	89,5	M6	M5
BDRKF 355	356	168	243	102	102	113	172	102	74	114	89,5	M6	M5
BDRKF 400	404	244	284	137,5	112	158	234	115	105	155	122	M6	M5
BDRKF 450	455	317	295	137,5	125	220	224	141	105	155	122	M6	M5
BDRKF 500	505	302	354	177,5	140	220	249	159,5	140	210	161,5	M10	M8
BDRKF 560	565	366	395	177,5	160	242	269	185,5	140	210	161,5	M10	M8

G diameter is variable according to motor stator height.

TYPE	VOLTAGE	FREQUENCY	POWER	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(µF)	rpm	m ³ /h	dB(A)	kg
BDRKF 160	230	50	60	-	2580	250	44	1.4
BDRKF 180	230	50	80	-	2450	500	52	1.8
BDRKF 225	230	50	110	-	2550	1000	54	2.1
BDRKF 250	230	50	140	-	2550	1250	53	2.6
BDRKF 280	230	50	200	-	2545	1900	55	3.1
BDRKF 315	230	50	160	-	1400	2800	53	3.8
BDRKF 355	230	50	200	-	1400	3400	55	4.6
BDRKF 400	230	50	380	-	1400	4500	60	10
BDRKF 450	230	50	630	-	1400	5900	62	15
BDRKF 500	380	50	880	-	1375	8000	64	21
BDRKF 560	380	50	1450	-	1325	10000	66	27



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

JET FANS

PLASTIC FANS

VENTILATORS

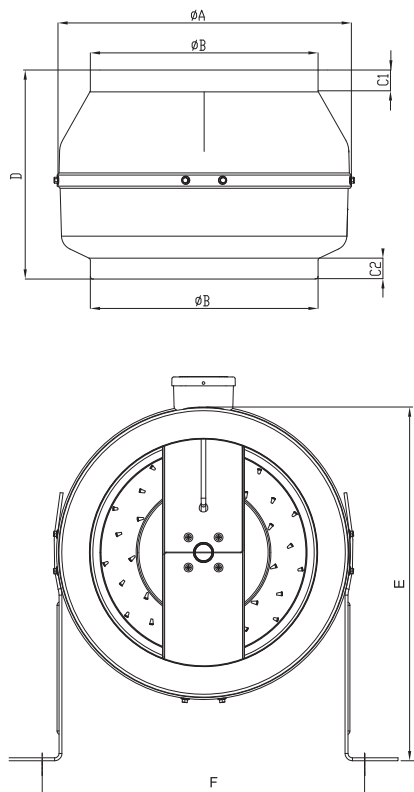
ACCESSORIES

BDTX

AC CENTRIFUGAL IN LINE DUCT FANS Backward Curved

Straight airflow and easy installation - with the high pressure stability, low noise level and high efficiency. Both sides of the BDTX fans is suitable to fit into the centrifugal duct and can be fixed with fastening clamps. Fans can be performed in any mounting position.

Technical Drawing

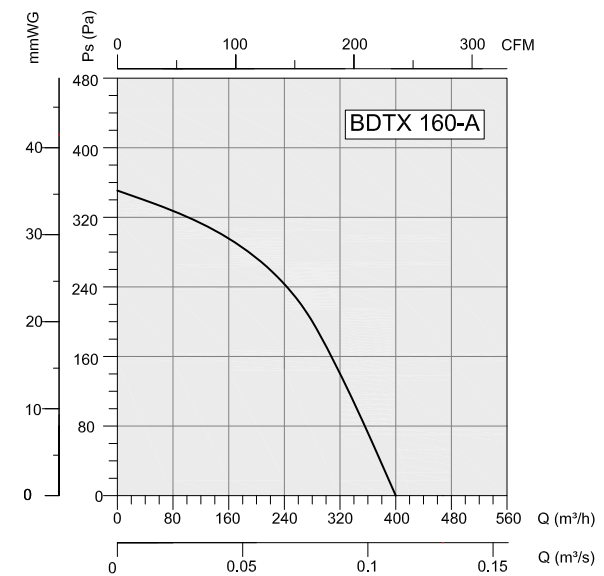
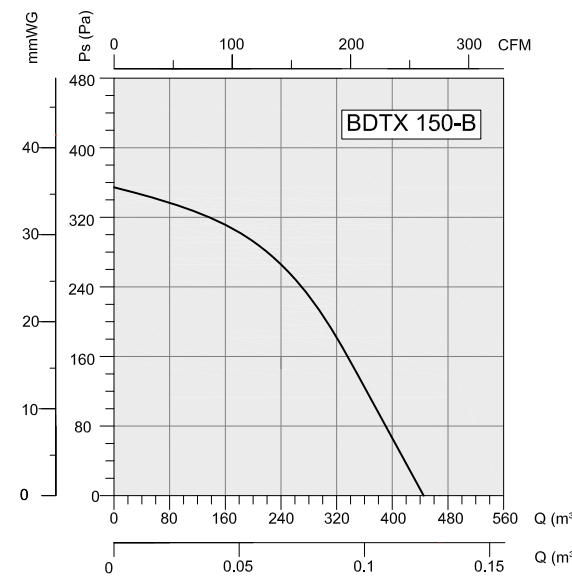
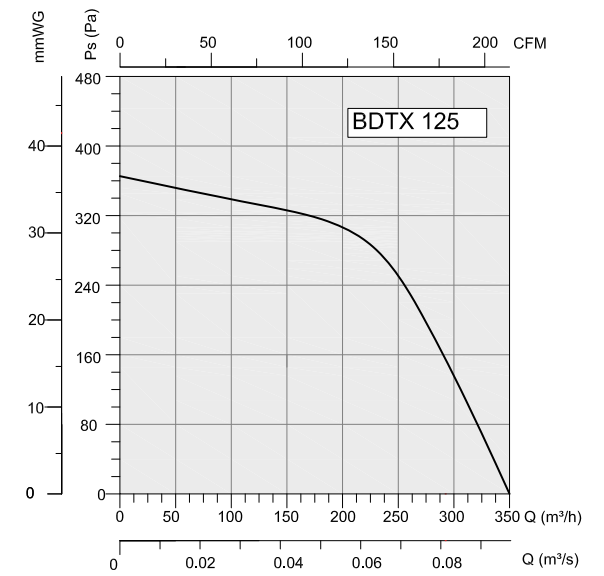
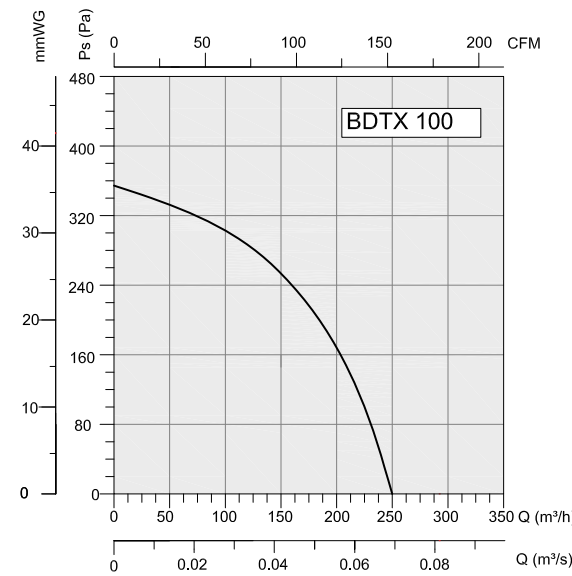


- MATERIAL** : The housing is made of electrostatic powder coated sheet iron, impeller is made of galvanized sheet metal. Housing forming is proceeded by stamps for proper fit.
- INSULATION CLASS** : Class B, Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80
- PROTECTION OF MOTOR** : Thermal overload protection is available upon request. (Connector box- IP 55)
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : For industrial and constructional applications, in factories, hospitals, night clubs, offices, kitchens, bathrooms, theaters, condominiums, restaurants, etc.

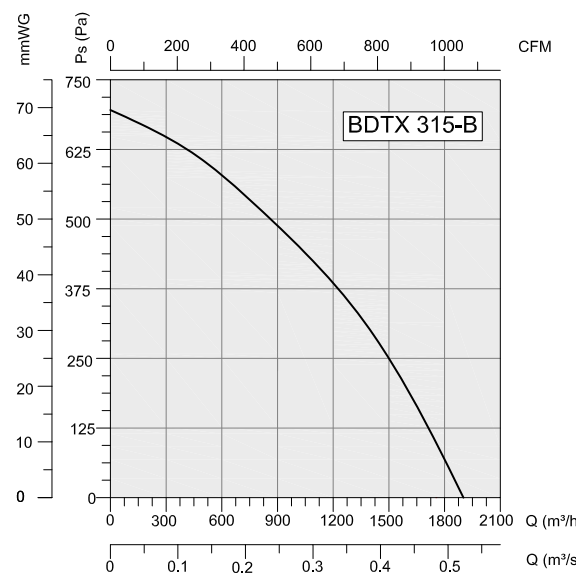
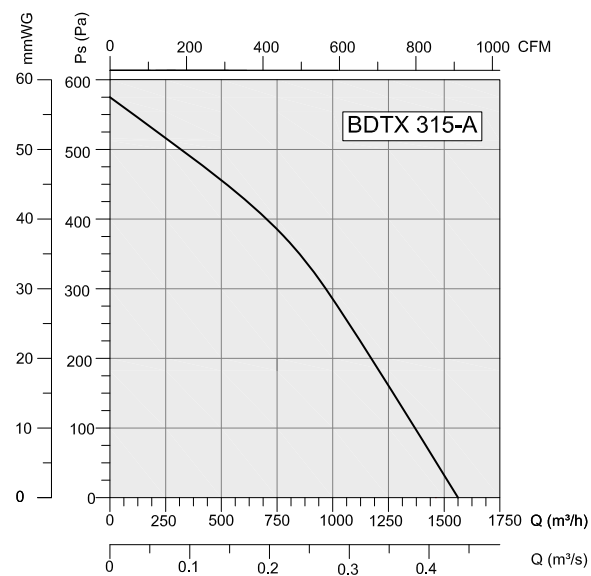
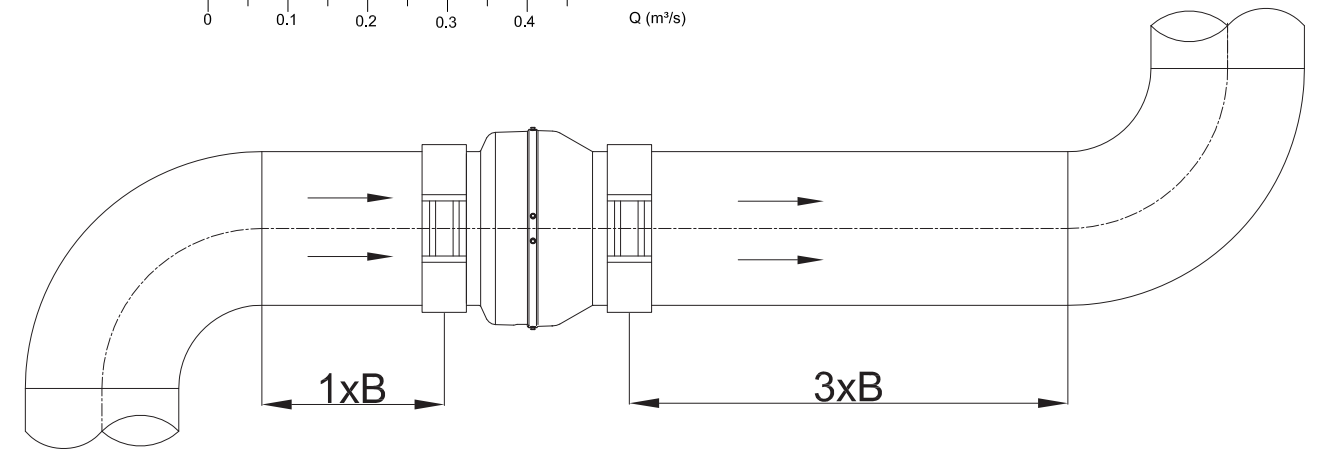
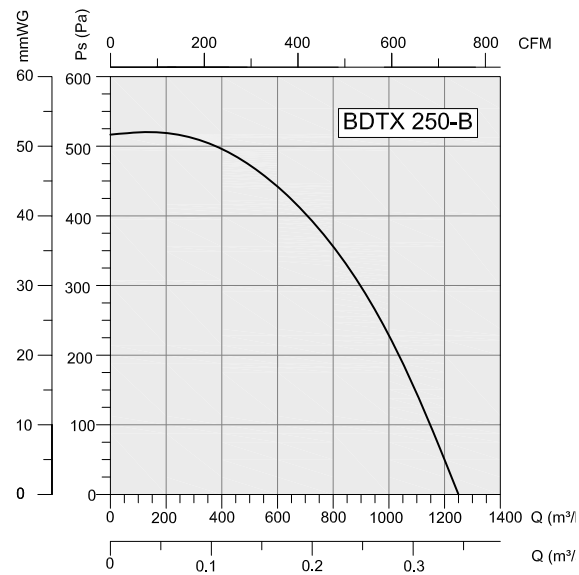
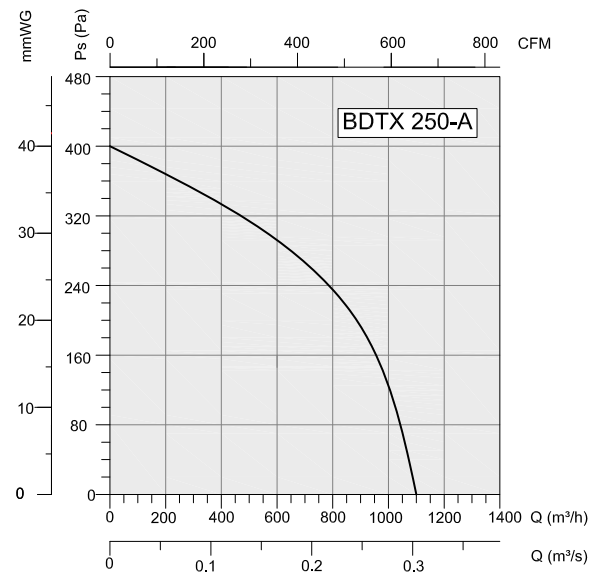
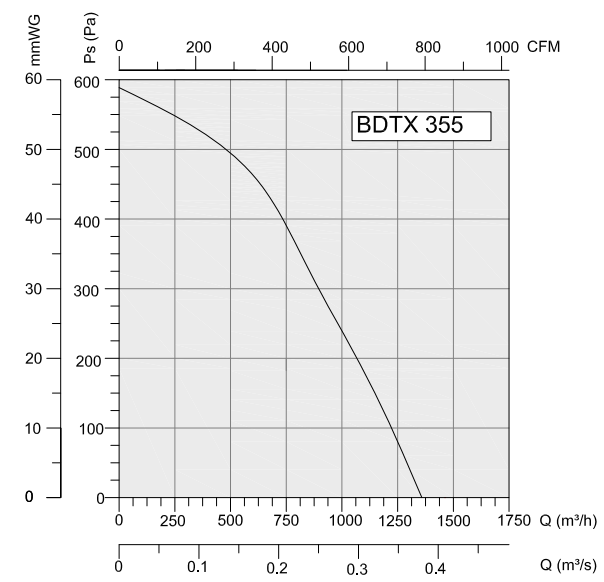
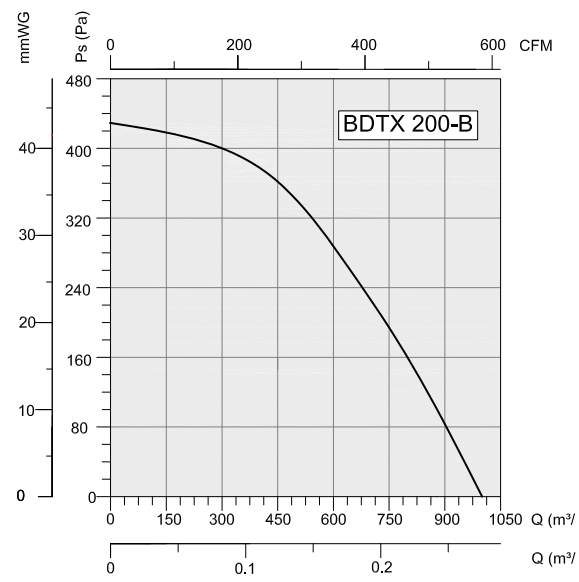
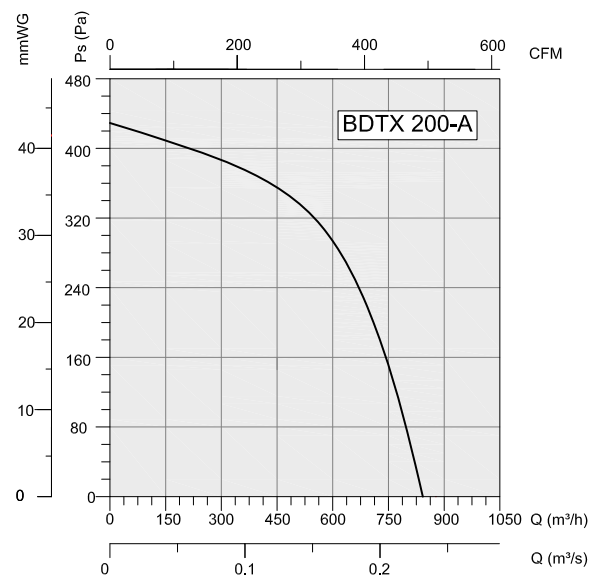


TYPE	A	B	C1	C2	D	E	F
BDTX 100	245	97	22	22	197	273	268
BDTX 125	245	122	20	20	188	273	268
BDTX 150B	272	147	23	25	192	286	295
BDTX 160A	272	157	23	25	192	286	295
BDTX 200A	330	196	30	28	230	380	352
BDTX 200B	330	196	30	28	230	380	352
BDTX 250A	330	247	30	28	227	380	352
BDTX 250B	330	247	30	28	227	380	352
BDTX 315A	400	313	30	30	285	415	422
BDTX 315B	400	313	30	30	285	415	422
BDTX 355	400	352	30	30	378	415	422

Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(μF)	rpm	m³/h	dB(A)	kg
BDTX 100	230	50	60	2	2580	250	44	3.4
BDTX 125	230	50	80	2.5	2255	350	49	3.4
BDTX 150-B	230	50	85	2.5	2345	450	51	3.7
BDTX 160-A	230	50	80	2.5	2450	400	50	3.5
BDTX 200-A	230	50	85	2.5	2315	850	49	5.3
BDTX 200-B	230	50	110	4	2550	1000	51	5.6
BDTX 250-A	230	50	120	4	2550	1100	53	5.8
BDTX 250-B	230	50	140	5	2550	1250	54	6.3
BDTX 315-A	230	50	170	5	2400	1600	52	7.1
BDTX 315-B	230	50	200	7	2545	1900	54	8.2
BDTX 355	230	50	130	4	1380	1450	47	11.2



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

JET FANS

PLASTIC FANS

VENTILATORS

ACCESSORIES

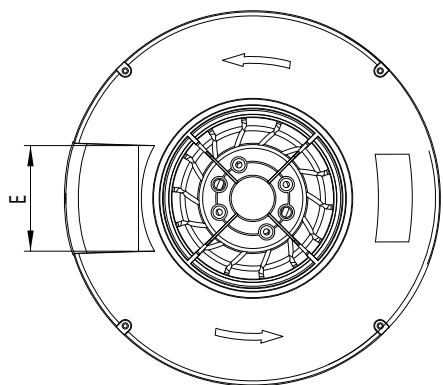
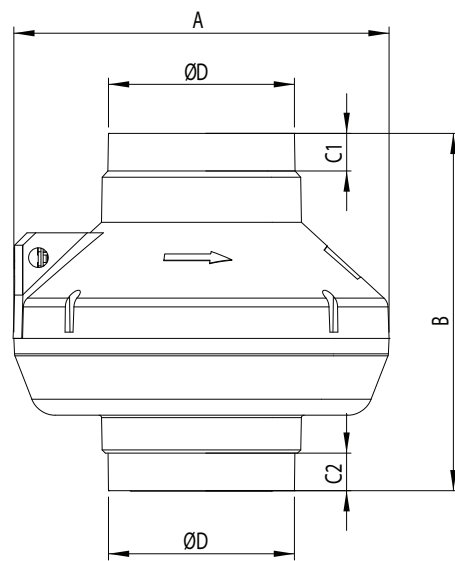


BPX

AC IN LINE DUCT FAN Plastic Housing

Straight airflow and easy installation - with the high pressure stability, low noise level and high efficiency of centrifugal fans. Both sides of the BPX fan should be fitted into the tube and can be fixed with fastening clamps. Fans can be performed in any mounting position.

Technical Drawing



- MATERIAL** : The housing is made of plastic; Backward curved impeller is made of galvanized sheet metal. BPX is suitable for fitting both 150mm and 160mm duct diameter.
- INSULATION CLASS** : Class B
- DIRECTIVE** : Complying with EN 60335-1, EN 60335-2-80
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : For industrial and constructional applications, in factories, hospitals, night clubs, offices, kitchens, bathrooms, theaters, acidic environments, condominiums, restaurants, etc.

Accessories

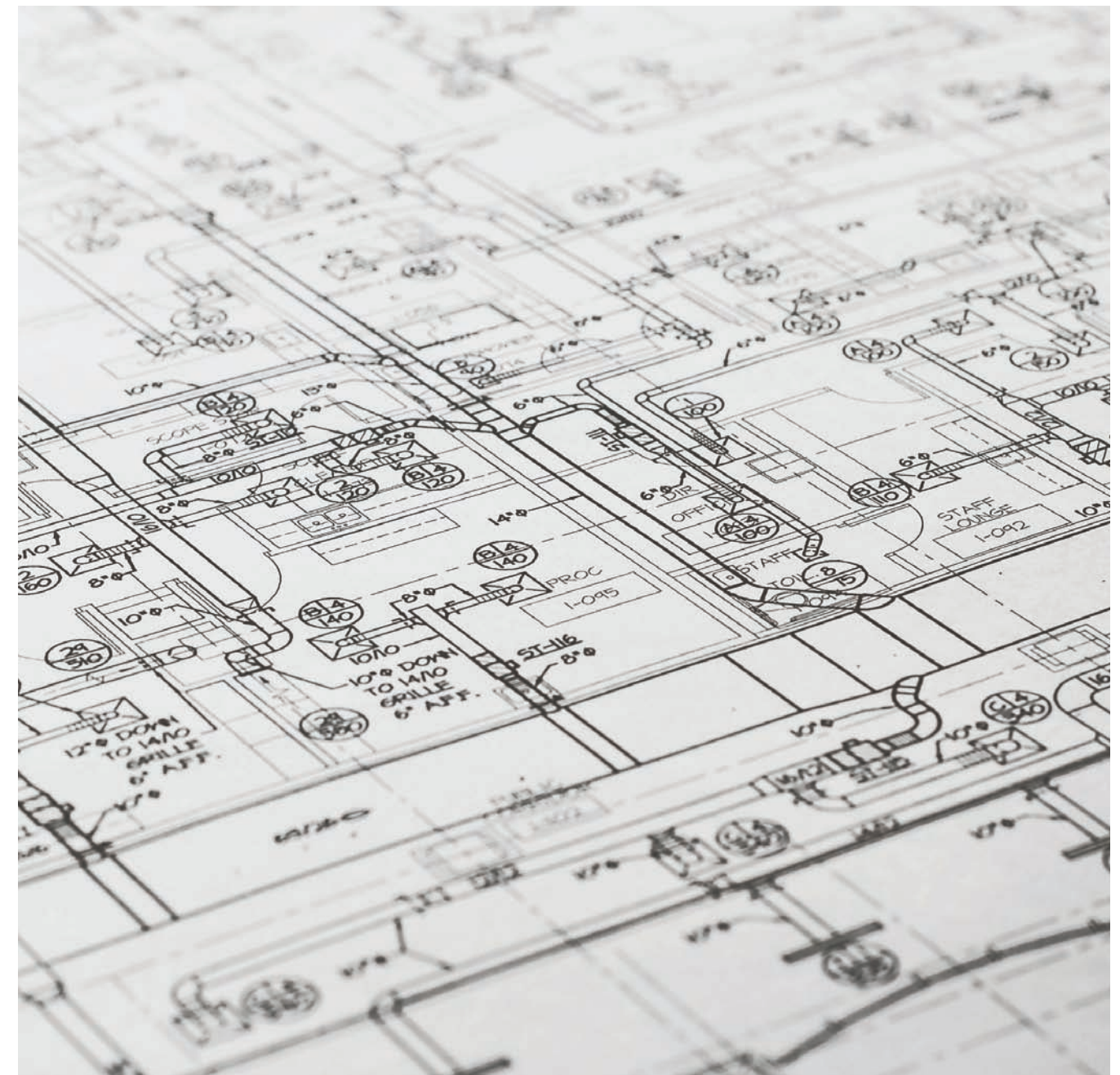
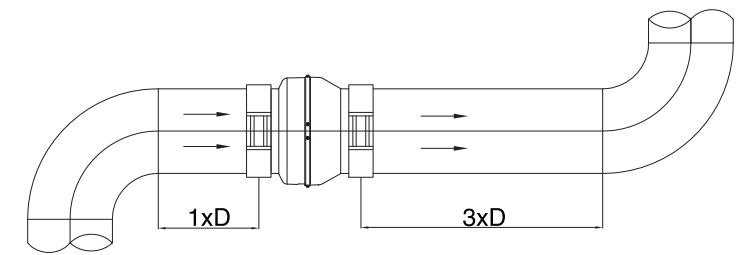
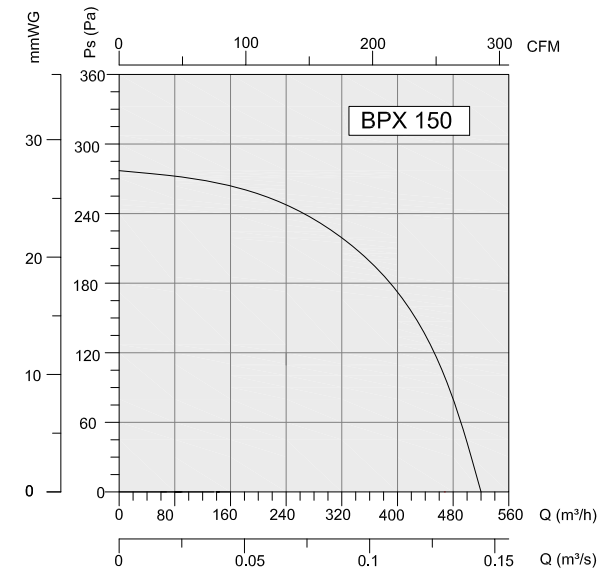


BSC BYKS BYH BYEB

TYPE	A	B	C1	C2	ØD	E
BPX 150	302	287	30	30	149	85

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(µF)	rpm	m ³ /h	dB(A)	kg
BPX 150	230	50	85	2.5	2350	520	56	2.4



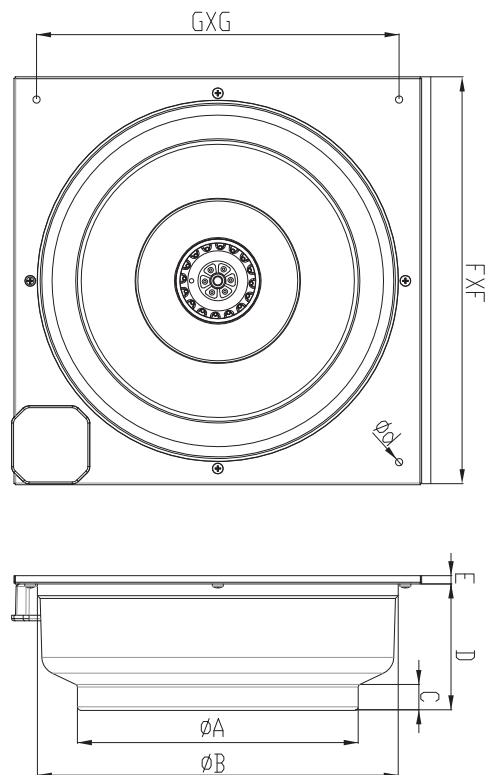


BFTX

AC WALL MOUNTED DUCT FANS Backward Curved

Straight airflow and easy installation to the wall - high pressure stability, low noise level and high efficiency.

Technical Drawing



- MATERIAL** : The housing is made of electrostatic powder coated sheet iron, backward curved galvanized impeller.
- INSULATION CLASS** : Class B
- DIRECTIVE** : Complying with EN 60335-1, EN 60335-2-80
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : For industrial and constructional applications, in factories, hospitals, night clubs, offices, kitchens, bathrooms, theaters, condominiums, restaurants, etc.

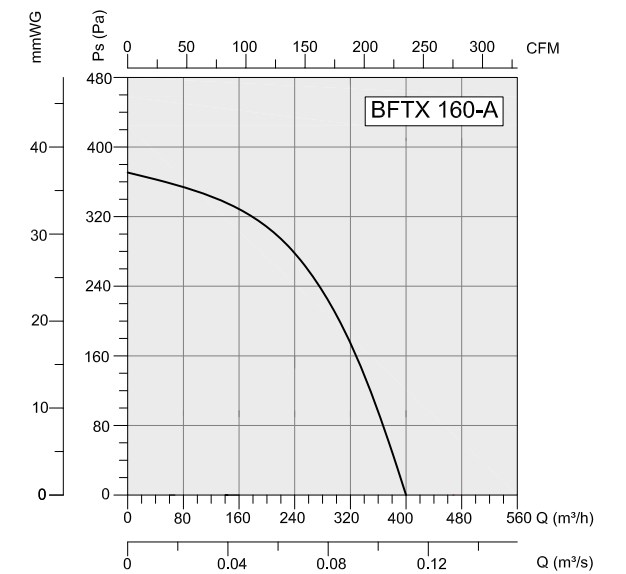
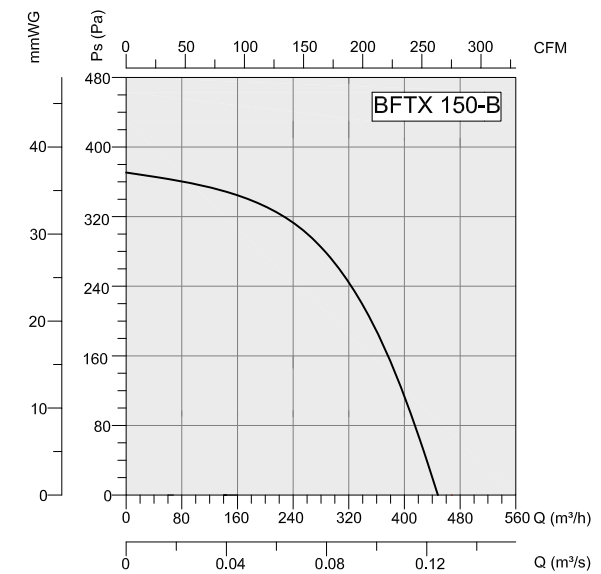
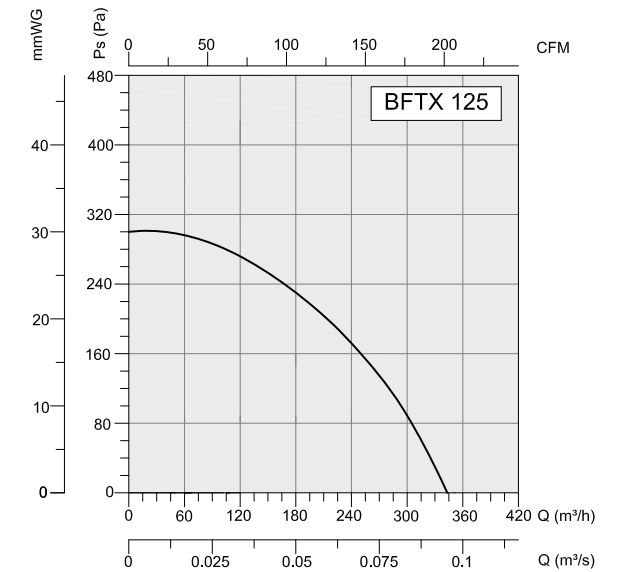
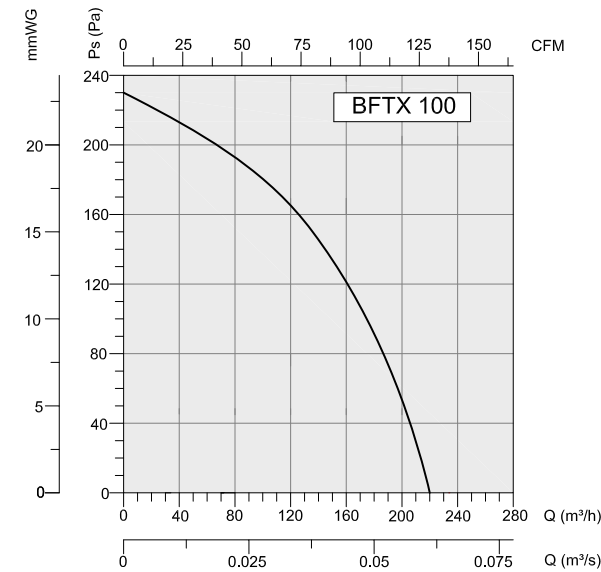
Accessories



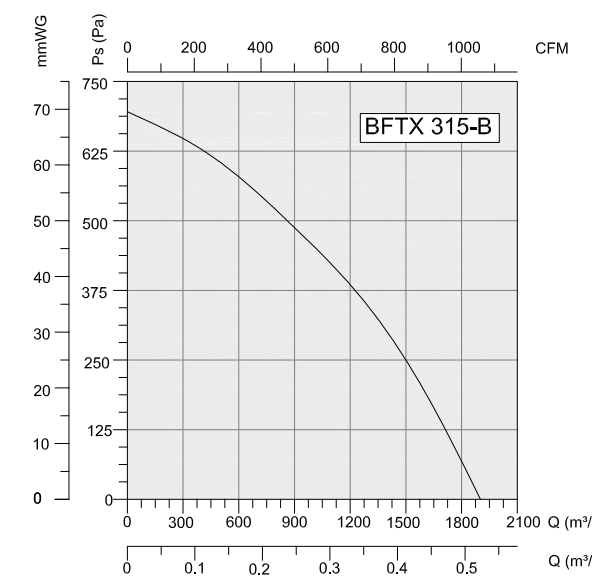
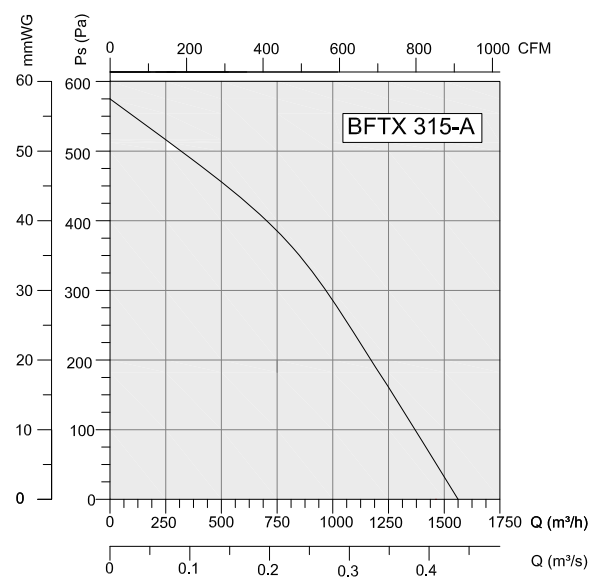
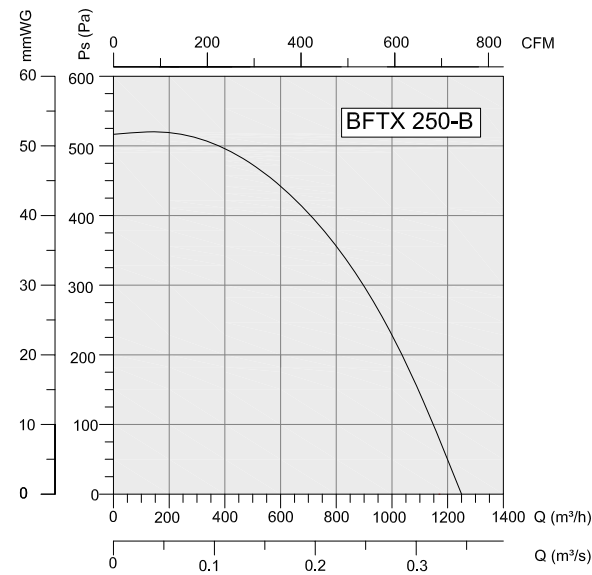
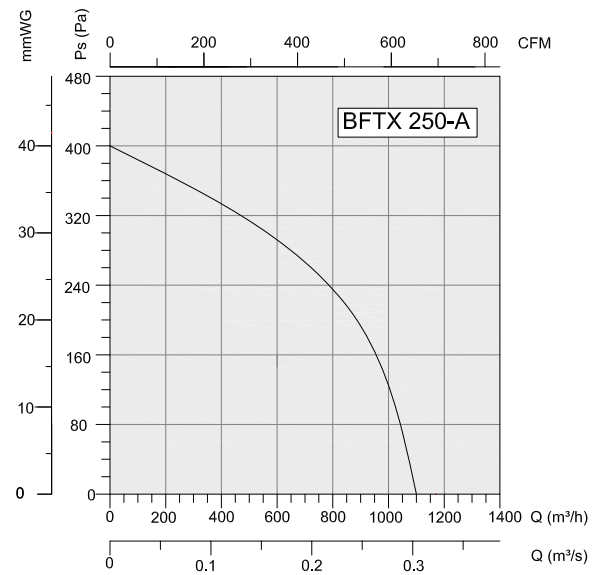
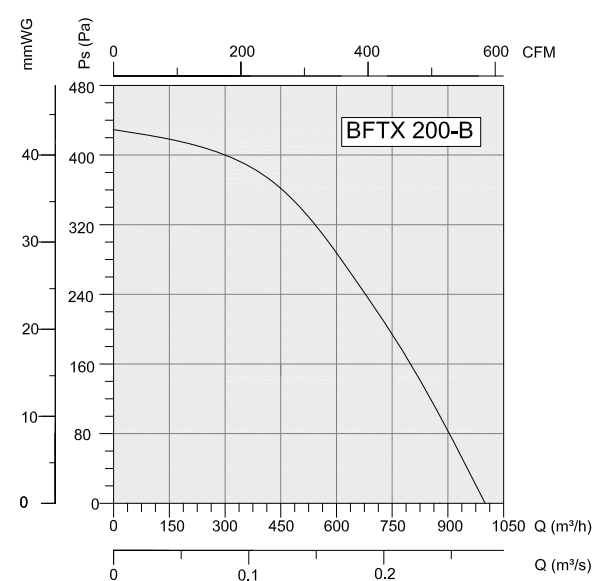
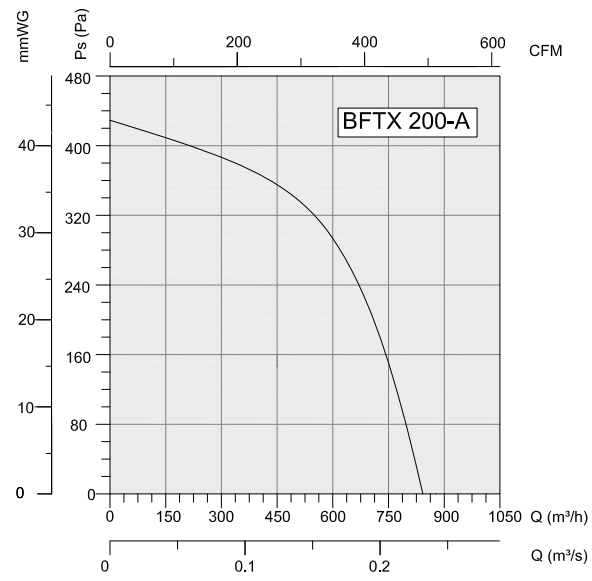
BSC

TYPE	ØA	ØB	C	D	E	F	G	d
BFTX 100	97	244	20	100	9	315	265	8
BFTX 125	122	244	22	100	9	315	265	8
BFTX 150	147	270	24	105	9	400	350	8
BFTX 160	157	270	24	105	9	400	350	8
BFTX 200	196	330	24	113	9	400	350	8
BFTX 250	246	330	24	116	9	400	350	8
BFTX 315	310	398	26	140	9	500	400	8

Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(µF)	rpm	m³/h	dB(A)	kg
BFTX 100	230	50	60	2	2580	250	44	3.4
BFTX 125	230	50	80	2.5	2255	350	47	3.4
BFTX 150-B	230	50	85	2.5	2345	450	47	3.7
BFTX 160-A	230	50	80	2.5	2450	400	47	3.5
BFTX 200-A	230	50	85	2.5	2315	850	49	5.3
BFTX 200-B	230	50	110	4	2550	1000	51	5.6
BFTX 250-A	230	50	120	4	2550	1100	52	5.8
BFTX 250-B	230	50	140	5	2550	1250	52	6.3
BFTX 315-A	230	50	170	5	2400	1600	52	7.1
BFTX 315-B	230	50	200	7	2545	1900	54	8.2



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ACCESSORIES

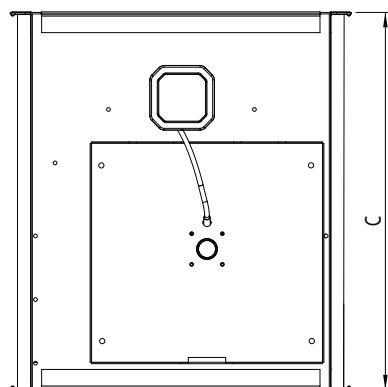
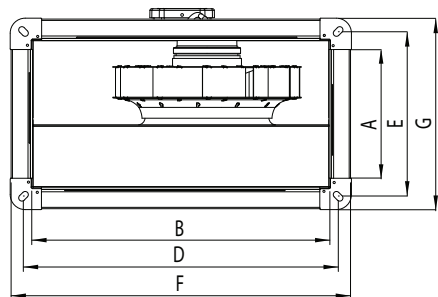


BDKF

AC RECTANGULAR IN LINE DUCT FANS Backward Curved

Bahçivan 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.

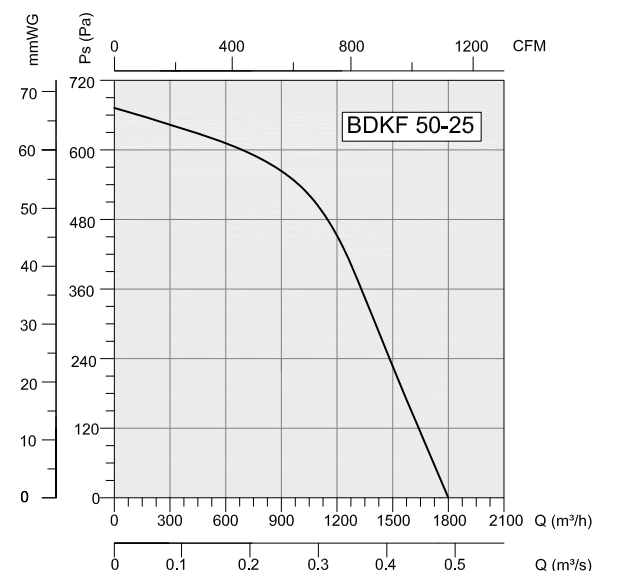
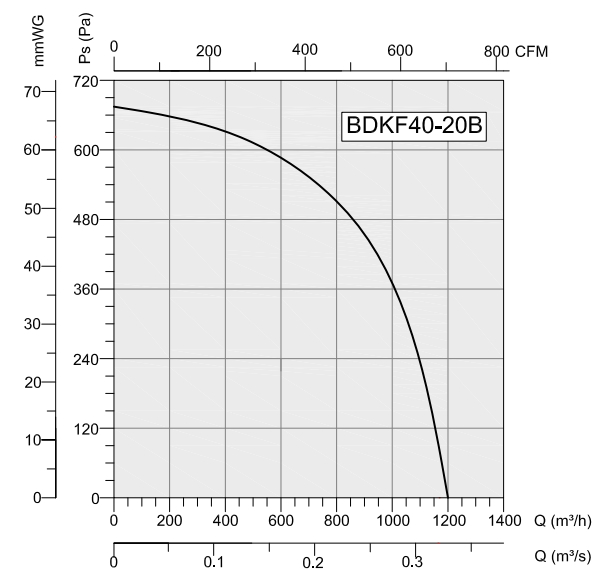
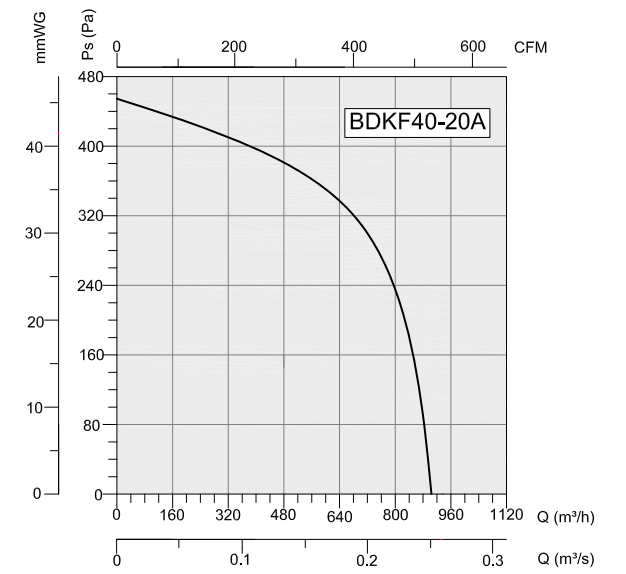
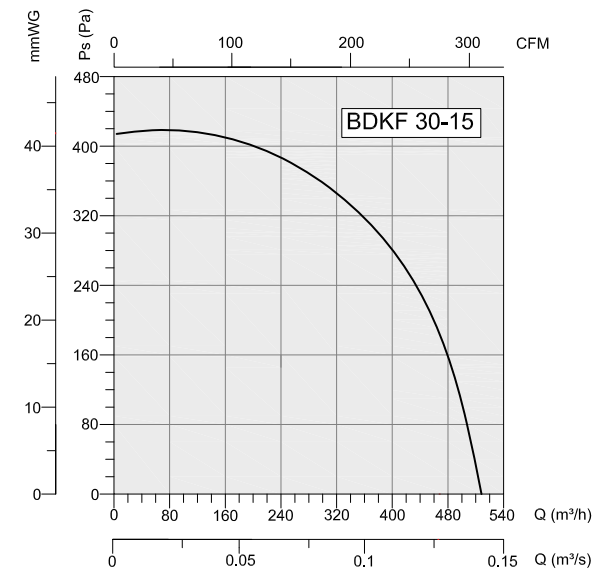
Technical Drawing



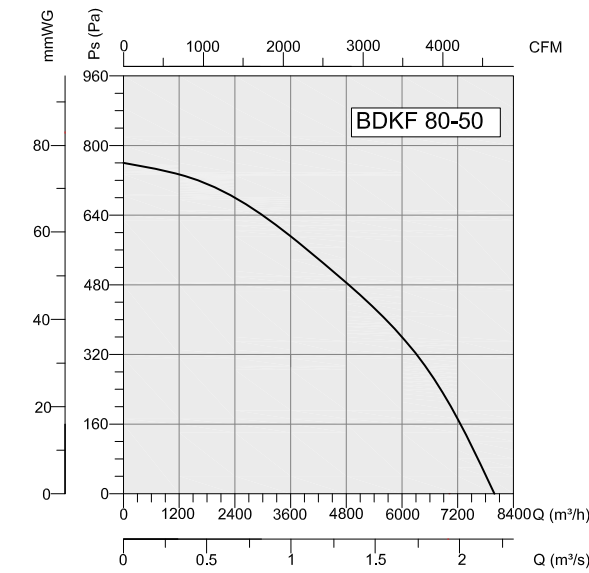
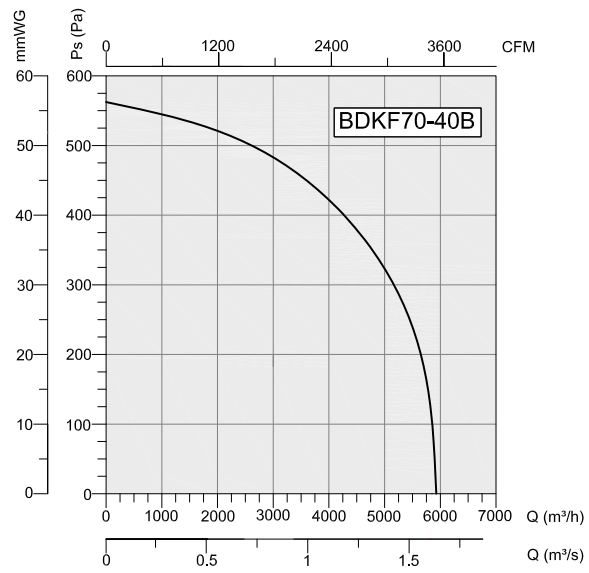
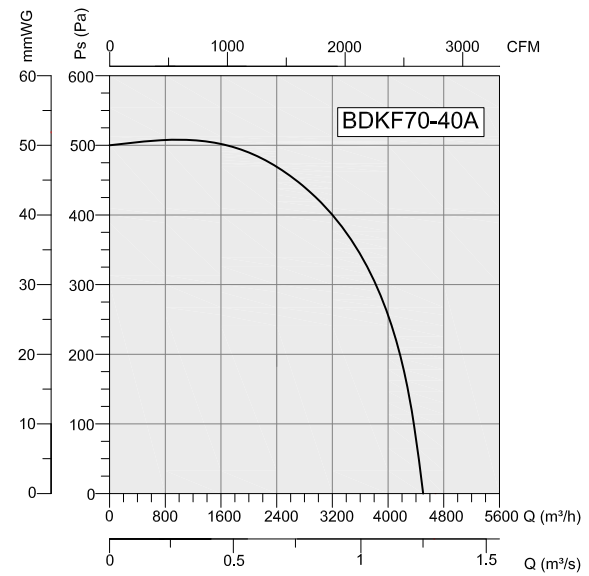
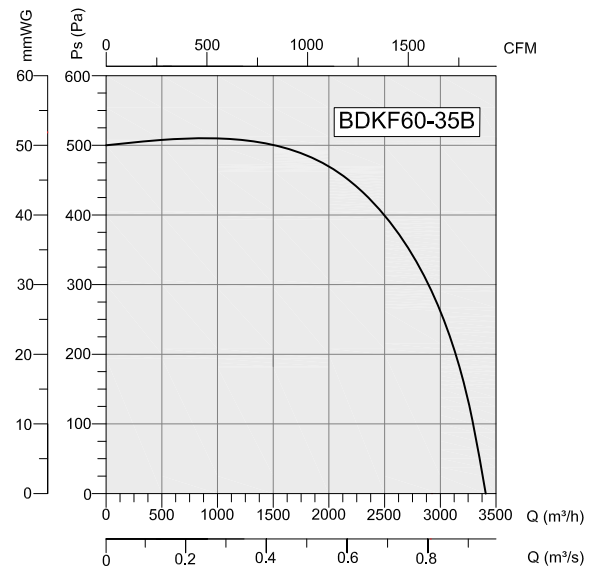
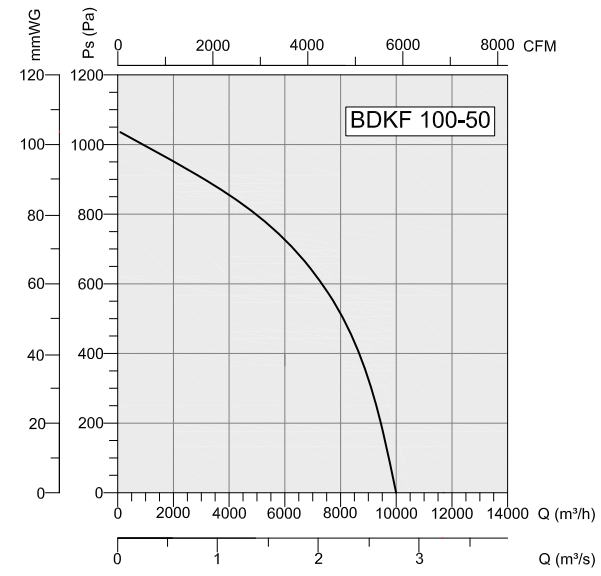
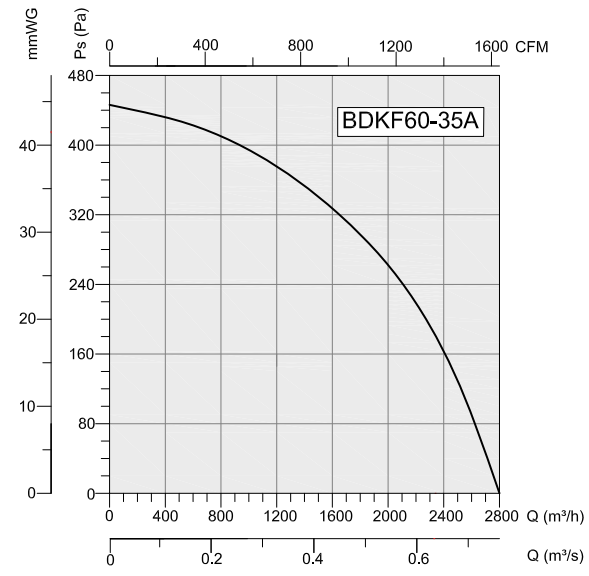
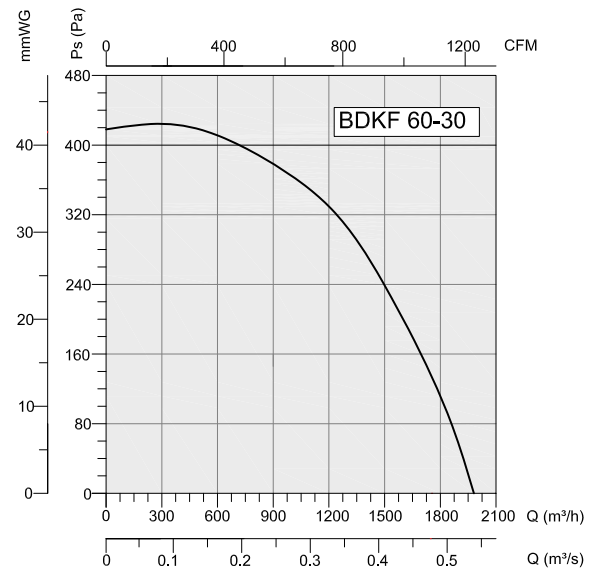
- MATERIAL** : The housing and impeller is galvanized sheet steel.
- INSULATION CLASS** : Class B
- DIRECTIVE** : Complying with EN 60335-1, EN 60335-2-80
- PROTECTION OF MOTOR** : Thermal overload protection is available upon request.(Connector box- IP 55)
- SPEED CONTROL** : Speed can be adjusted using 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	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	(µF)	rpm	m³/h	dB(A)	kg
BDKF 30-15	230	50	90	2.5	2650	520	48	7
BDKF 40-20A	230	50	100	4	2650	940	53	12
BDKF 40-20B	230	50	140	5	2690	1200	57	13
BDKF 50-25	230	50	200	6	2500	1800	52	16
BDKF 60-30	230	50	130	4	1400	2000	50	17
BDKF 60-35A	230	50	160	6	1400	2800	53	35
BDKF60-35B	230	50	200	8	1400	3400	58	37
BDKF70-40A	230	50	380	14	1400	4500	60	42
BDKF 70-40B	230	50	630	18	1410	5900	62	44
BDKF 80-50	380	50	880		1375	8000	64	65
BDKF 100-50	380	50	1450		1325	10000	66	93



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

JET FANS

PLASTIC FANS

VENTILATORS

ACCESSORIES



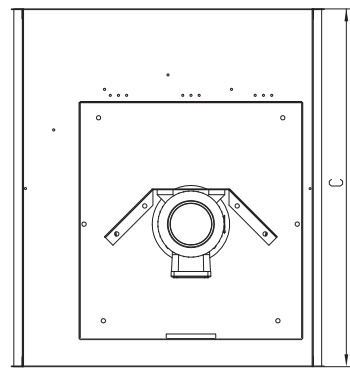
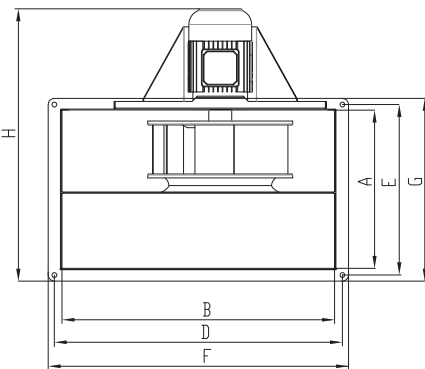
BDKF-R

AC DIRECT DRIVE RECTANGULAR IN LINE DUCT FANS

Backward Curved

Motor is out of Airflow
 Smoke Exhaust Fan (-40.....+120C)
 Smoke Exhaust Fan F400 c 2h
 Exproof Exhaust Fan (explosion proof fan)

Technical Drawing



- MATERIAL** : Housing and backward inclined impeller is made of galvanized sheet metal.
- INSULATION CLASS** : Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : Kitchen exhaust applications, hotels, carparking areas, buildings, shopping malls etc.

TYPE	VOLTAGE V	FREQUENCY Hz	POWER W	SPEED rpm	AIR FLOW m ³ /h	SOUND PRESSURE LEVEL dB(A)	WEIGHT kg
BDKF-R 315	230/380	50	250	1400	3000	45	35
BDKF-R 355	230/380	50	370	1400	3500	50	42
BDKF-R 400	230/380	50	550	1400	4700	53	47
BDKF-R 450	230/380	50	1100	1400	6000	57	51
BDKF-R 500	230/380	50	1500	1320	8400	56	65
BDKF-R 560	230/380	50	2.200	1320	11000	59	72

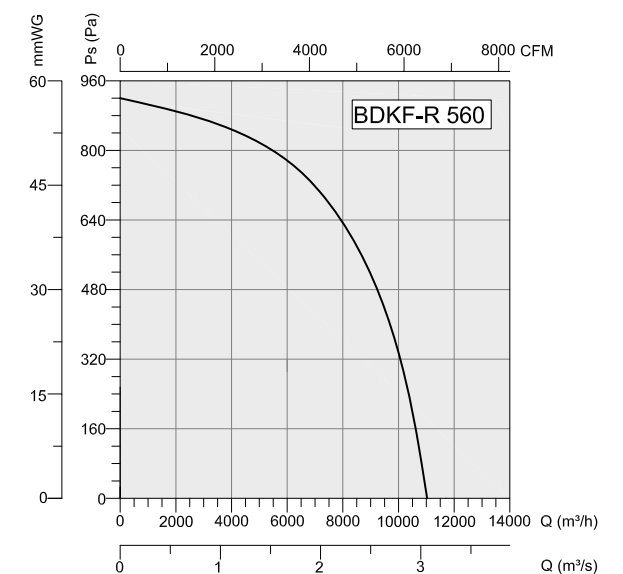
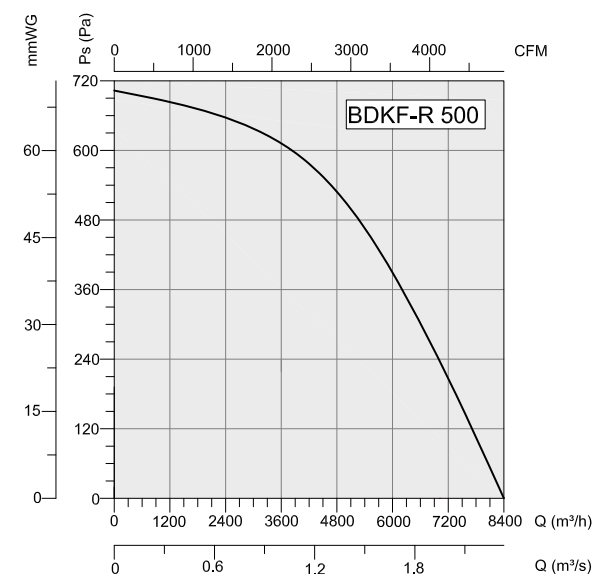
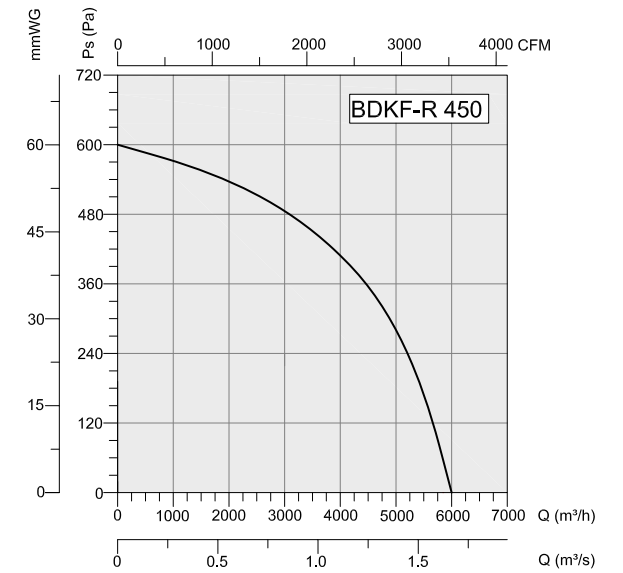
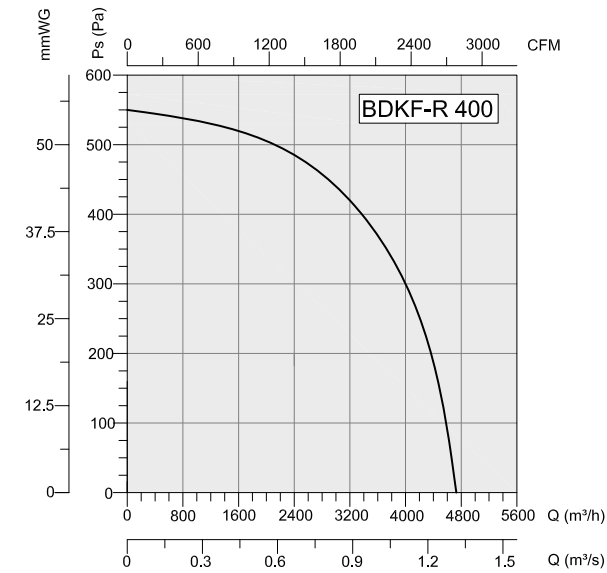
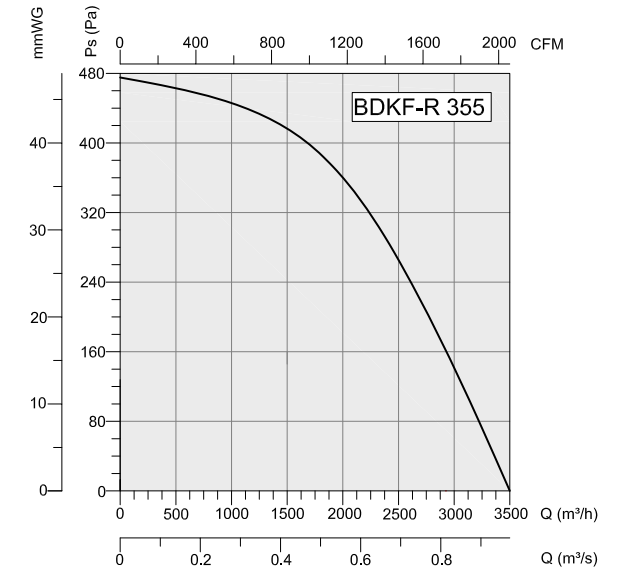
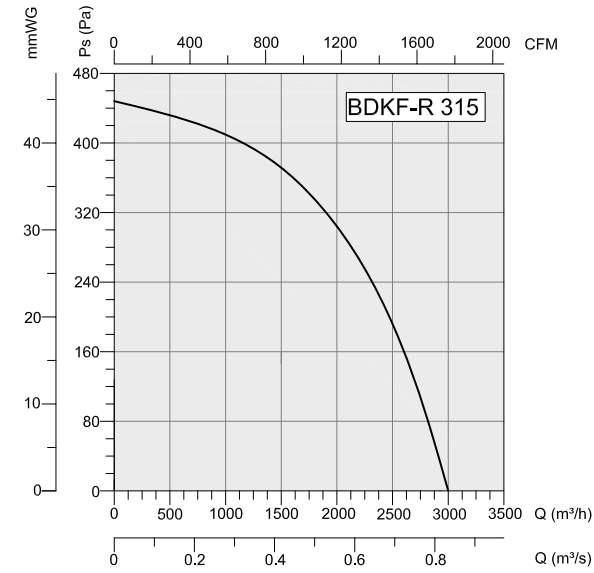
Accessories



BSC-F BDEB BDH BDKS

TYPE	A	B	C	D	E	F	G	H
BDKF-R 315	350	600	760	620	370	650	400	550
BDKF-R 355	350	600	760	620	370	650	400	550
BDKF-R 400	400	700	800	720	420	750	450	630
BDKF-R 450	400	700	800	720	420	750	450	630
BDKF-R 500	500	800	920	820	520	850	560	780
BDKF-R 560	500	1000	1050	1030	530	1060	560	780

Dimensions are in (mm)





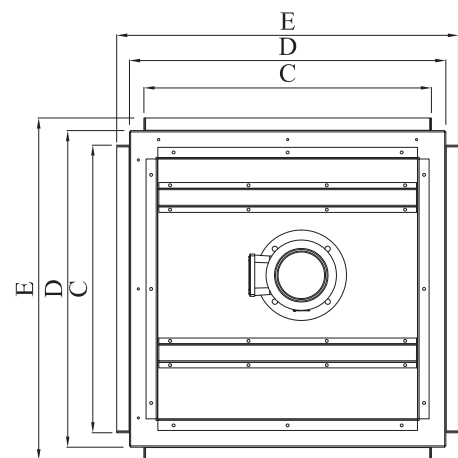
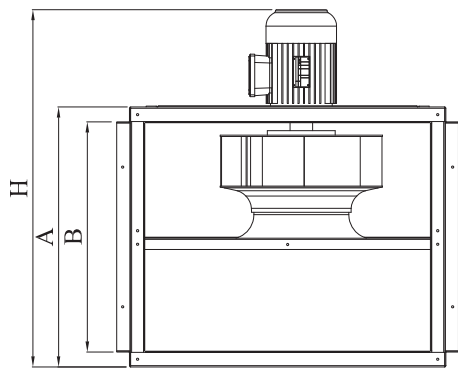
BYDF

AC RECTANGULAR SMOKE EXHAUST FANS Backward Curved

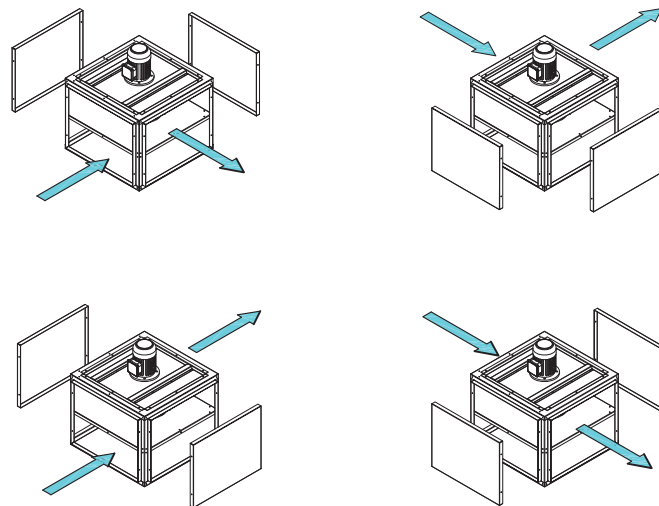
120°C - 400°C/2h

Both inlet and outlet connections, as well as configuration can be changed for each model of BYDF series. Due to its unique structure, installation is being made much easier and flexible. 400C heated smoke can be vented out for 2 hours.

Technical Drawing



- MATERIAL** : Housing is made of galvanized sheet metal, backward inclined impeller is made of sheet steel.
- INSULATION CLASS** : Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80, EN 12101-3
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : Commercial kitchens' and autoparks' ventilation systems are included to wide application areas.



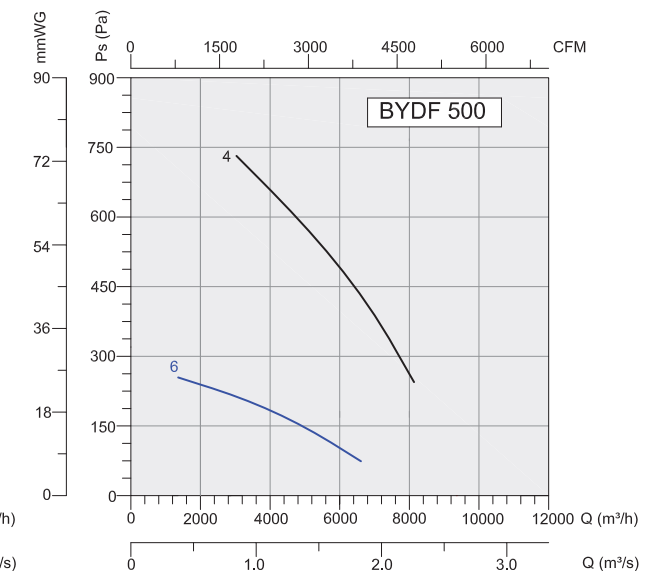
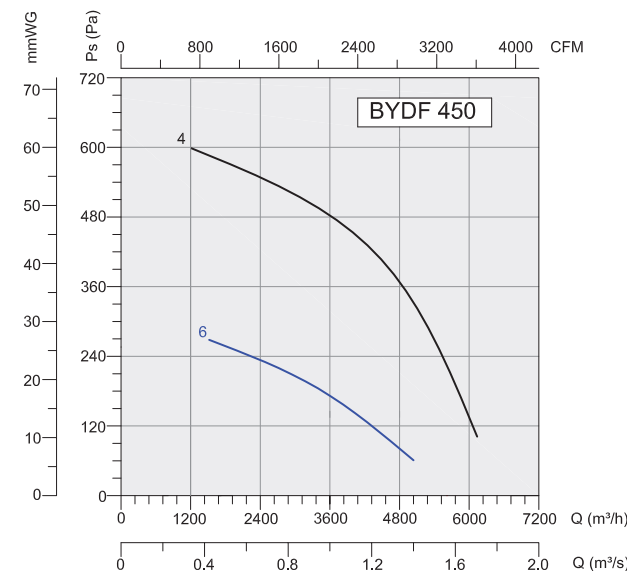
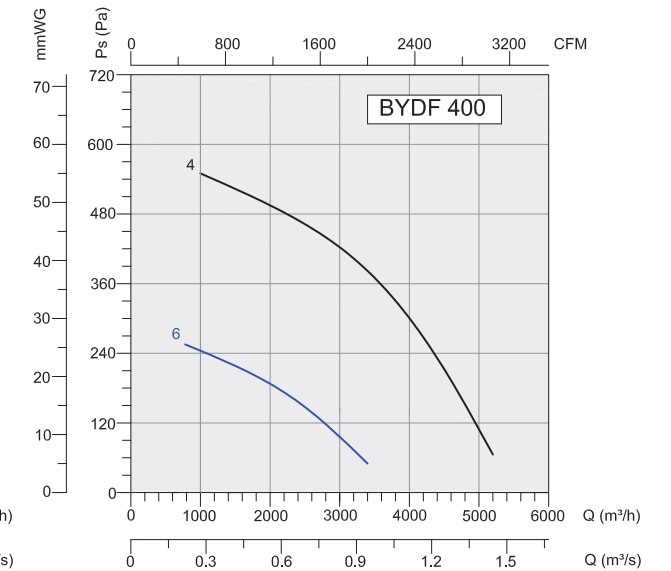
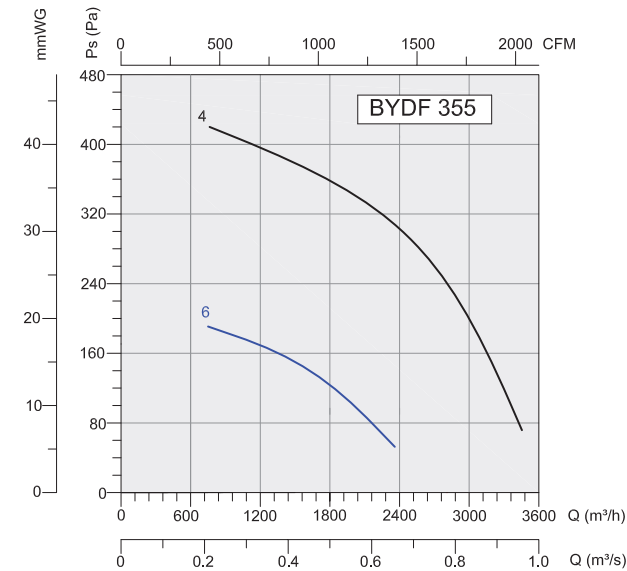
Accessories



BSC-F BDEB BDH BDKS

TYPE	A	B	C	D	E	H
BYDF 355	575	510	635	700	755	790
BYDF 400	625	560	685	750	805	840
BYDF 450	675	610	780	845	900	900
BYDF 500	745	680	850	915	970	1000

Dimensions are in (mm)

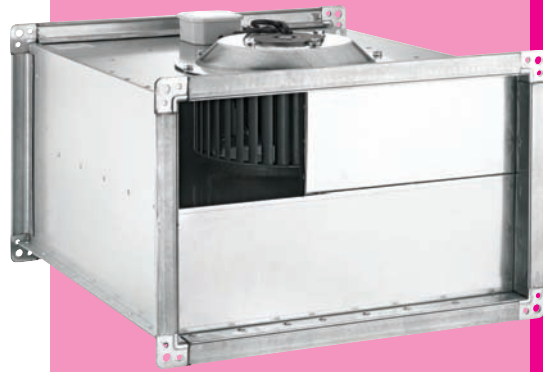


TYPE	VOLTAGE	POLE	FREQUENCY	POWER	SPEED	AIR FLOW	PRESSURE	WEIGHT
	V		Hz	Kw	rpm	m³/h	Pa	kg
BYDF 355	220/380	4P	50	0,55	1450	3000	200	52
BYDF 355	220/380	6P	50	0,25	915	2100	80	49
BYDF 355	220/380	6-4P	50	0,2/0,6	915/1450	2100/3000	80/200	54
BYDF 400	220/380	4P	50	0,75	1450	4000	300	65
BYDF 400	220/380	6P	50	0,25	915	2500	150	59
BYDF 400	220/380	6-4P	50	0,3/0,9	915/1450	2500/4000	150/300	67
BYDF 450	220/380	4P	50	1,1	1450	5000	300	77
BYDF 450	220/380	6P	50	0,37	915	3150	180	70
BYDF 450	220/380	6-4P	50	0,37/1,1	915/1450	3150/5000	180/300	77
BYDF 500	220/380	4P	50	1,5	1450	7000	400	95
BYDF 500	220/380	6P	50	0,37	915	4400	150	85
BYDF 500	220/380	6-4P	50	0,6/1,6	915/1450	4400/7000	150/400	98

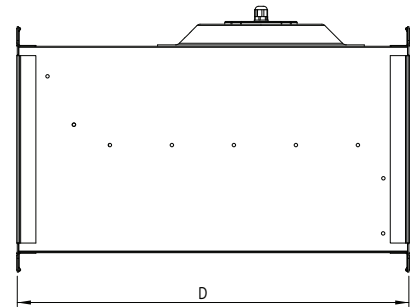
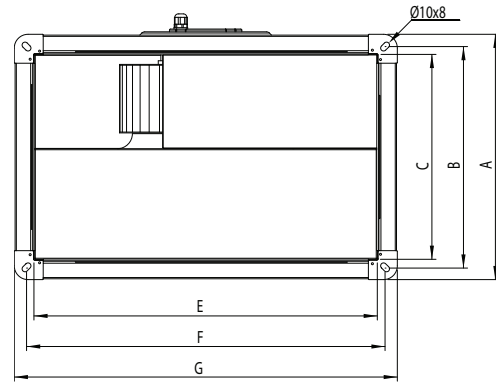
BSKF

AC RECTANGULAR IN LINE DUCT FANS Forward Curved

Bahçivan Brand Rectangular In-Line Duct Fans engineered for medium and large ventilation needs where space is at a premium. BSKF Rectangular fans developed and manufactured for higher pressure 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 Drawing

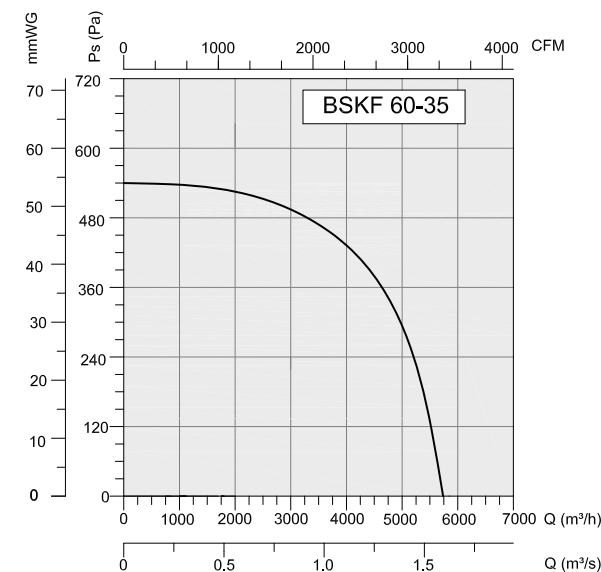
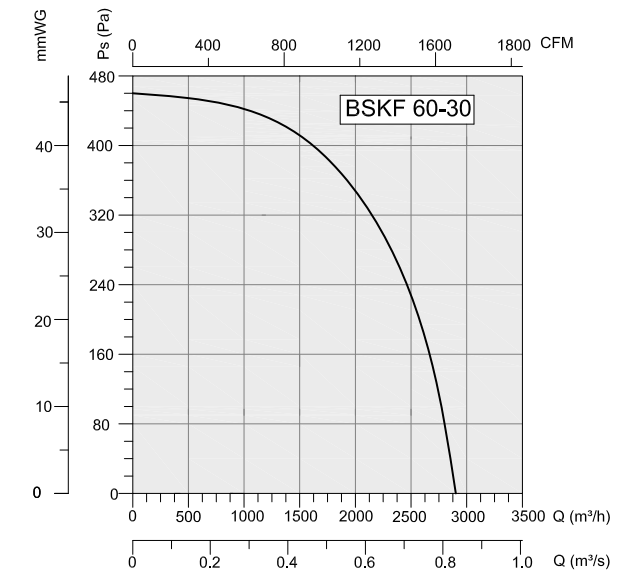
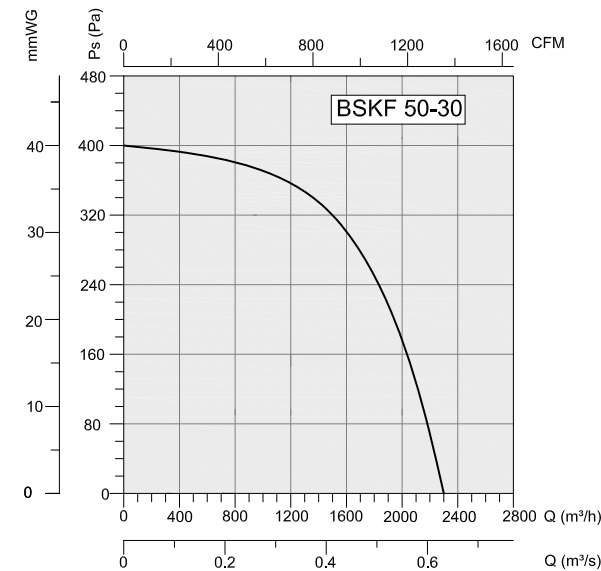
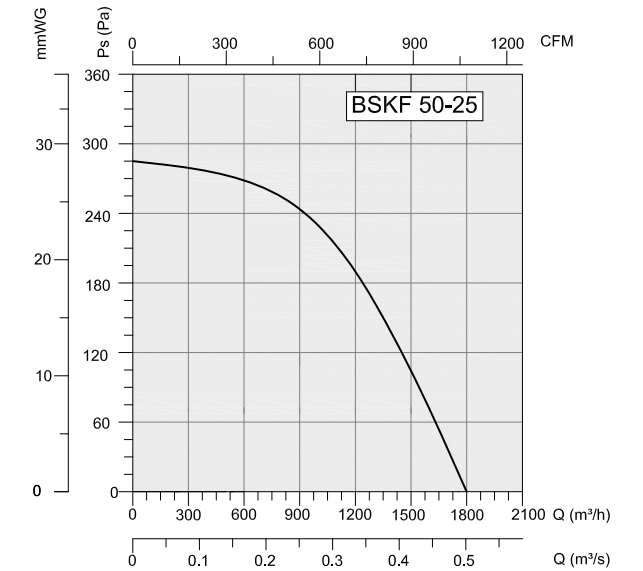
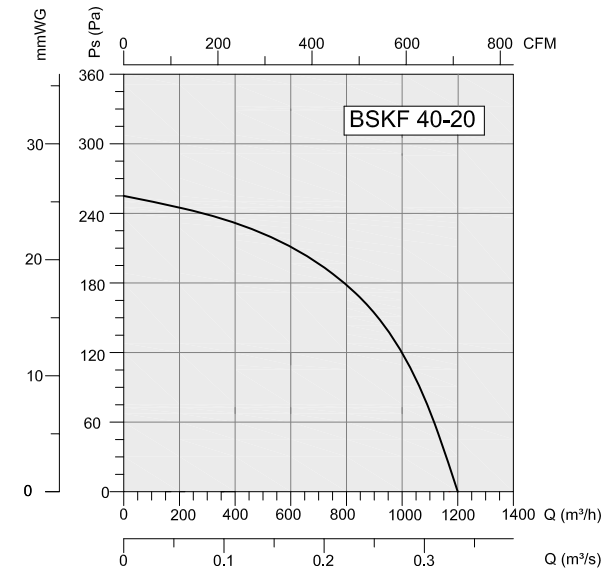


- MATERIAL** : The housing and impeller are galvanized sheet steel.
- INSULATION CLASS** : Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : BSKF series fans are perfect for for commercial and industrial Ventilation use.

TYPE	VOLTAGE V	FREQUENCY Hz	POWER W	CAPACITOR (µF)	SPEED rpm	AIR FLOW m ³ /h	SOUND PRESSURE LEVEL dB(A)	WEIGHT kg
BSKF 40-20	230	50	230	6	1250	1200	53	12
BSKF 50-25	230	50	295	8	1390	1800	55	16
BSKF 50-30	230	50	950	14	1230	2300	58	19
BSKF 60-30	380	50	1230	1340	2915	61	23	
BSKF 60-35	380	50	2500	1280	5750	64	51	

TYPE	A	B	C	D	E	F	G
BSKF 40-20	240	220	198	502	398	420	440
BSKF 50-25	290	270	248	532	498	520	540
BSKF 50-30	340	320	298	562	498	520	540
BSKF 60-30	340	320	298	642	598	620	640
BSKF 60-35	390	370	348	720	600	620	650

Dimensions are in (mm)



Accessories



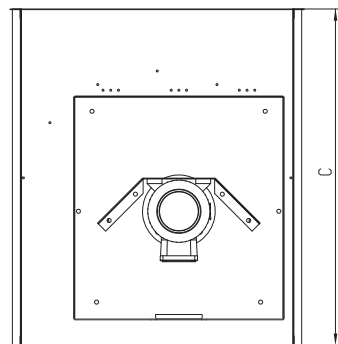
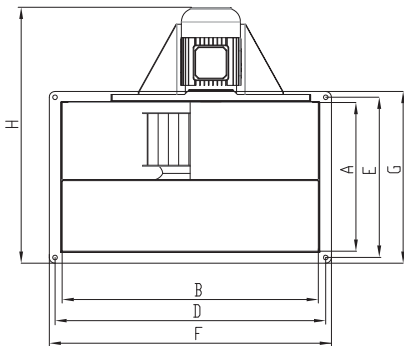


BSKF-R

AC DIRECT DRIVE RECTANGULAR IN LINE DUCT FANS
Forward Curved

Smoke Exhaust Fan (-40.....+120C)
Smoke Exhaust Fan F400 c 2h
Exproof Exhaust Fan (explosion proof fan)

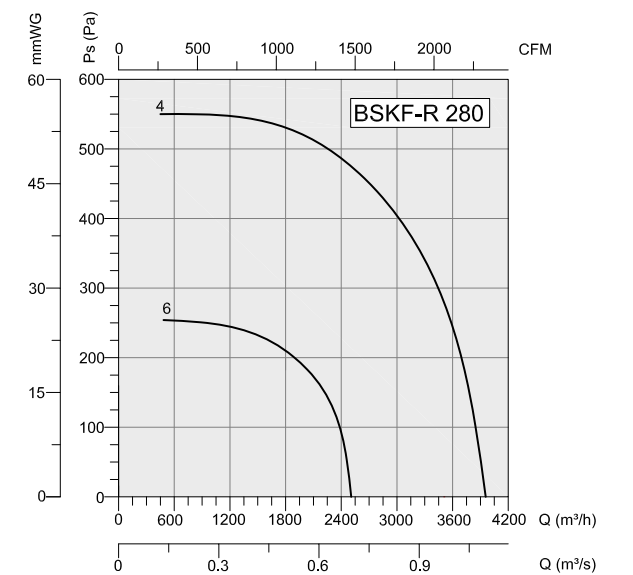
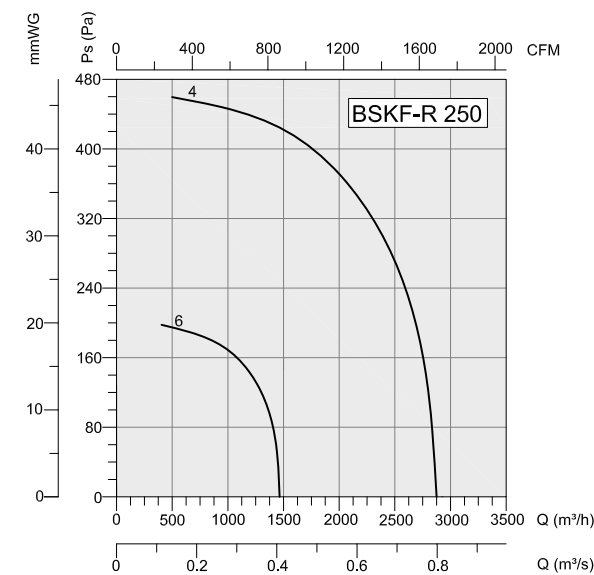
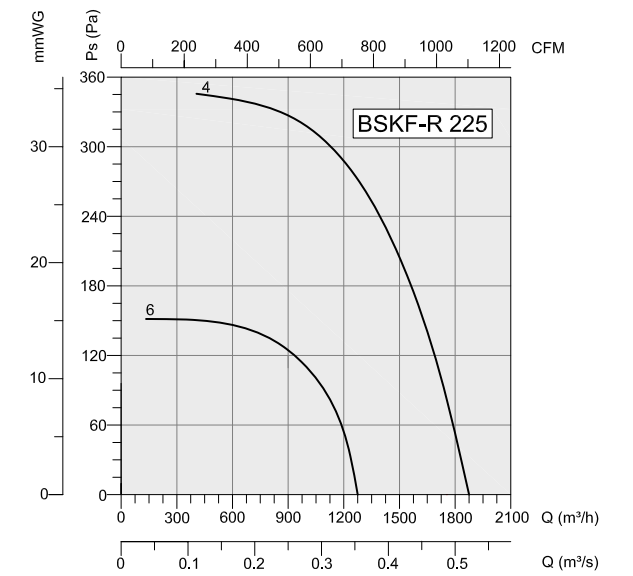
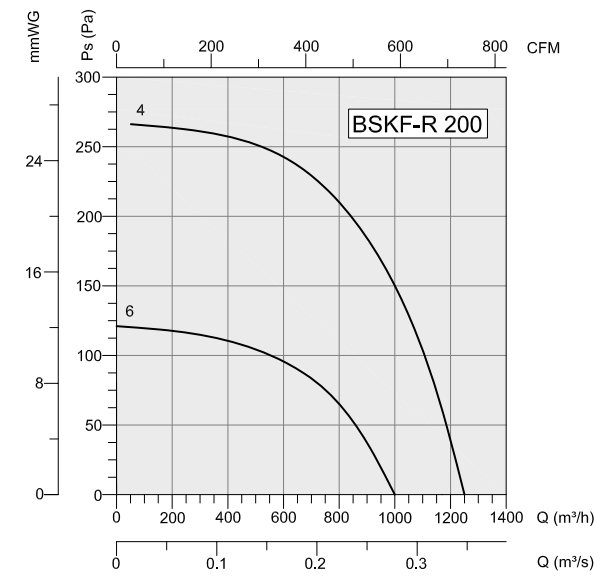
Technical Drawing



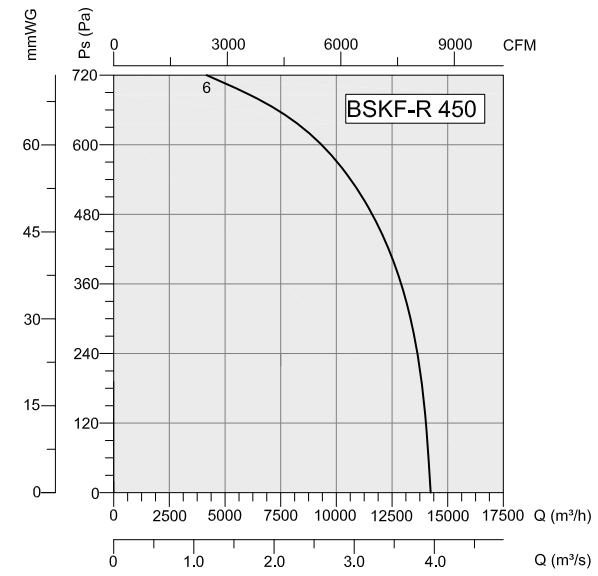
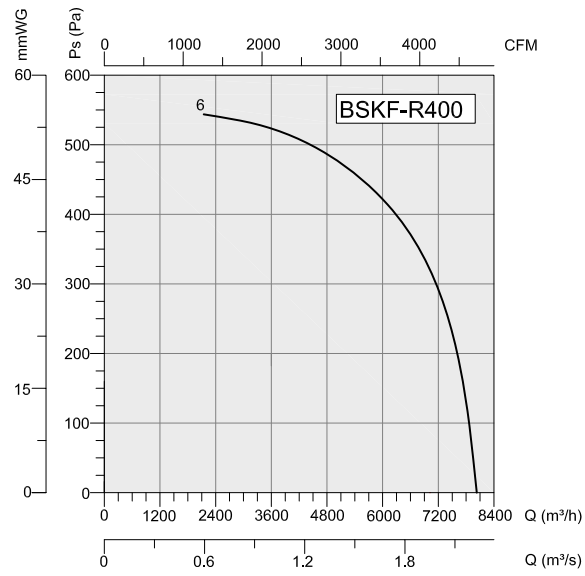
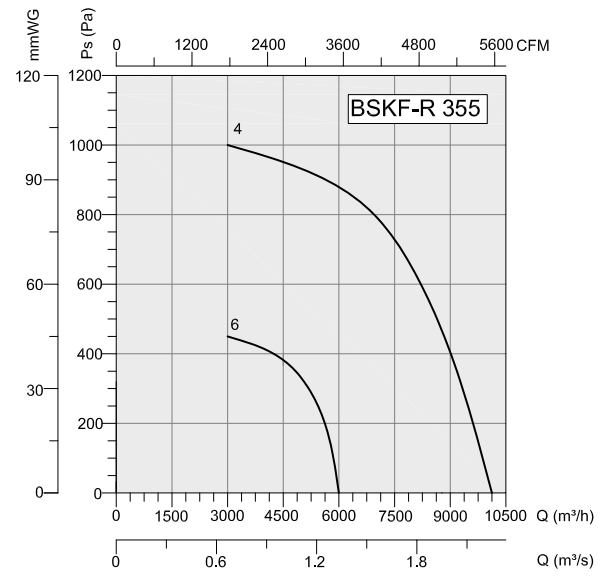
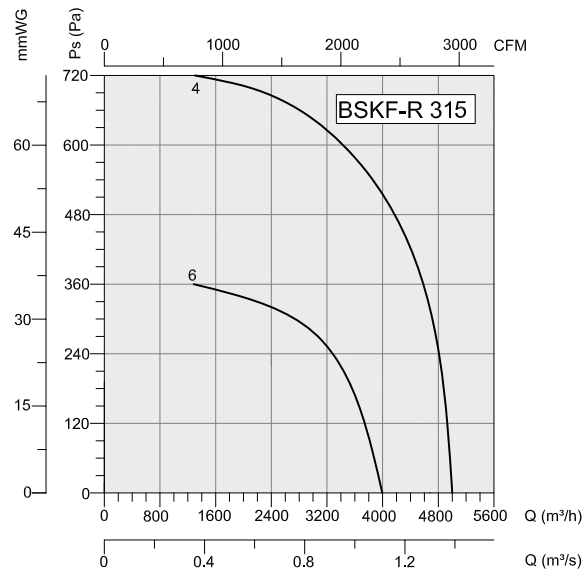
- MATERIAL** : Housing with backward inclined impeller is made of galvanized sheet metal.
- INSULATION CLASS** : Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80
F400C 2h EN 12101-3
ATEX EN 13463-1
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : Kitchen exhaust, hotels, autoparks, buildings, shopping centers etc.

TYPE	A	B	C	D	E	F	G	H
BSKF-R 200	200	400	500	420	220	450	250	469
BSKF-R 225	250	500	560	520	270	550	300	519
BSKF-R 250	300	500	560	520	320	550	350	589
BSKF-R 280	300	600	710	620	320	650	350	589
BSKF-R 315	350	600	710	620	370	650	400	684
BSKF-R 355	400	700	780	720	420	750	450	766
BSKF-R 400	500	800	880	820	520	850	550	866
BSKF-R 450	500	1000	980	1020	520	1050	550	886

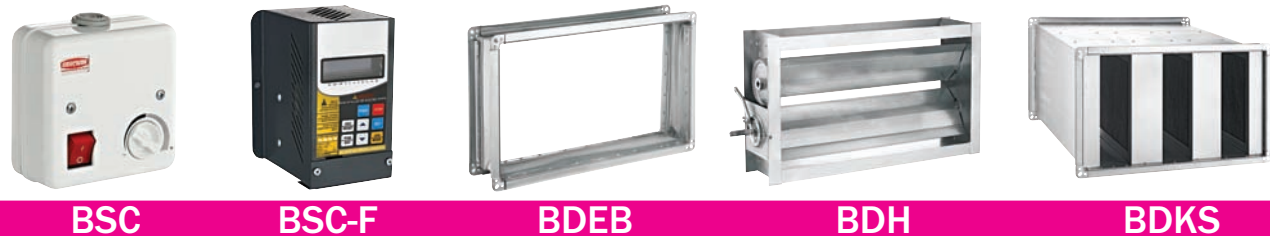
Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	WEIGHT
	V	Hz	Kw	rpm	m ³ /h	kg
BSKF-R 200-4	230/380	50	0,25	1400	1250	22
BSKF-R 200-6	230/380	50	0,18	900	1000	21
BSKF-R 225-4	230/380	50	0,37	1400	1875	35
BSKF-R 225-6	230/380	50	0,18	900	1275	33
BSKF-R 250-4	230/380	50	0,55	1400	2850	40
BSKF-R 250-6	230/380	50	0,18	900	1450	37
BSKF-R 280-4	230/380	50	0,75	1400	3950	43
BSKF-R 280-6	230/380	50	0,25	900	2550	39
BSKF-R 315-4	230/380	50	1,5	1400	5000	55
BSKF-R 315-6	230/380	50	0,37	900	4000	52
BSKF-R 355-4	230/380	50	2,2	1400	10125	85
BSKF-R 355-6	230/380	50	1,1	900	6000	81
BSKF-R 400-6	230/380	50	1,5	900	8100	92
BSKF-R 450-4	230/380	50	2,2	900	14000	120



Accessories



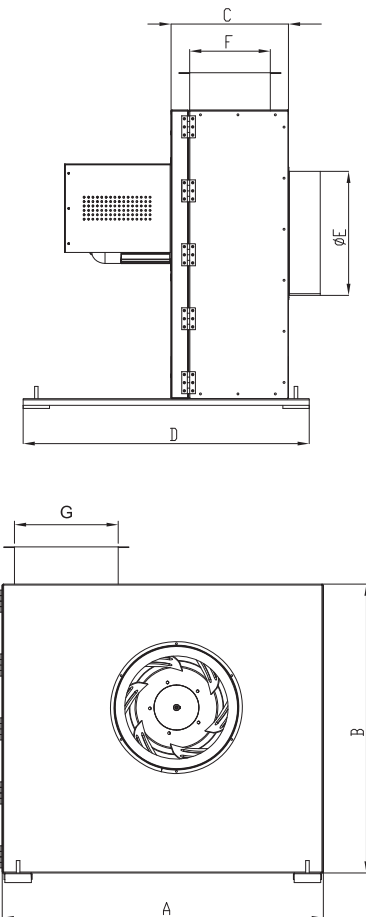


BKEF

AC KITCHEN EXHAUST FANS Backward Curved

To clean and serve easily; BKEF fans have an intervention cover on side. Fan connection and anti-vibration mountings are added to isolation bottom frame. The casing is manufactured from double-skinned galvanised sheet steel and insulated with 50 mm mineral wool. Low noise levels. Up to 120 degrees hot air can be transferred.

Technical Drawing

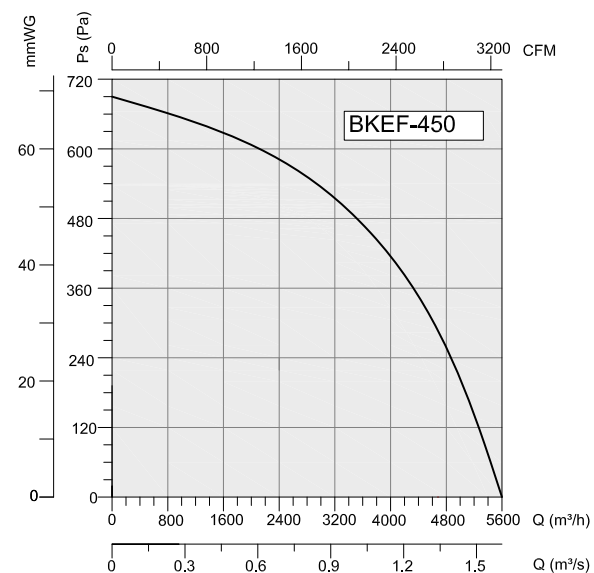
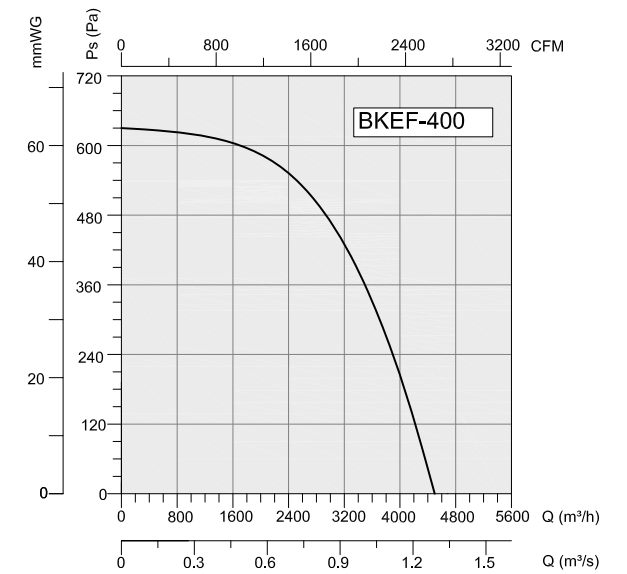
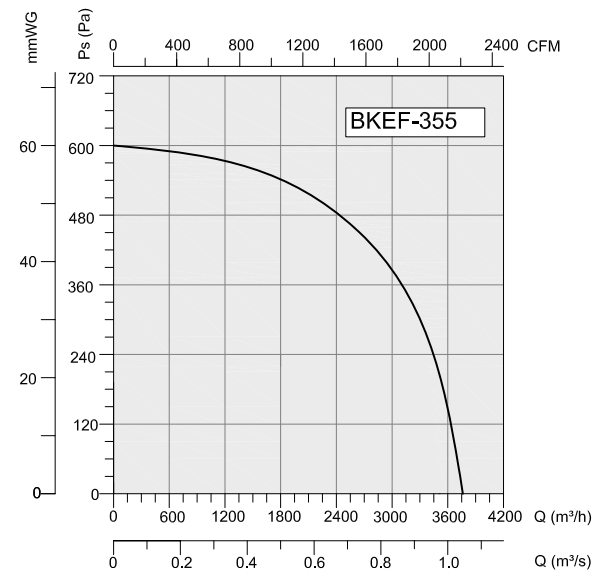
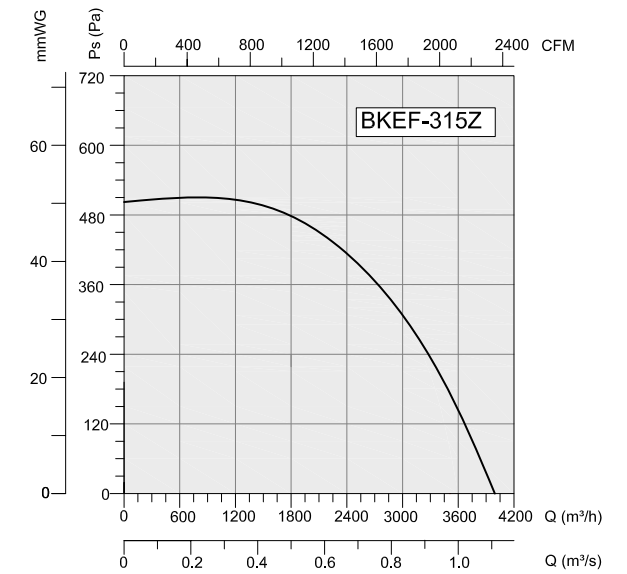
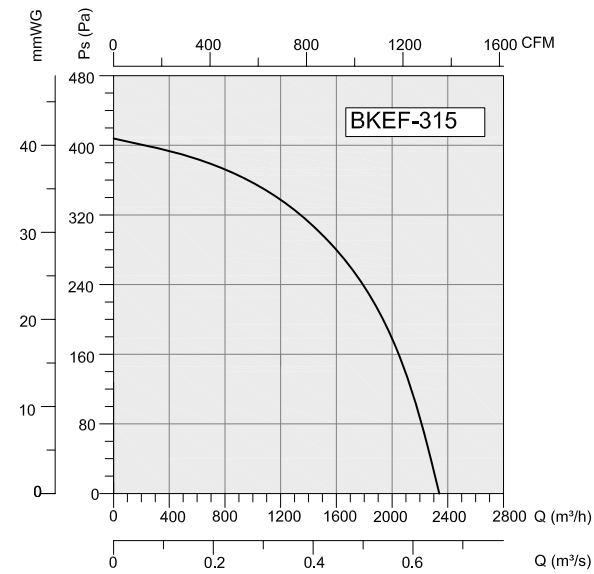


- MATERIAL** : Casing and fan with backward inclined impeller is made of galvanized sheet metal.
- INSULATION CLASS** : Class F
- MAX. HAVA TAŞINIMI** : 120°C
- DIRECTIVE** : EN 60335-1, EN 60335-2-80, EN 12101-3
- SPEED CONTROL** : Speed can be adjusted using an optional controller
- APPLICATION AREAS** : BKEF fan series are perfect to use in residential, commercial, and industrial environments, especially where hot air and smoke is needed to be transferred. They are widely used in industrial kitchens, cafes and restaurants, as well as gymnasiums, shopping centers, hospitals, factories, offices etc.

TYPE	A	B	C	D	E	F	G
BKEF 315	650	600	257	650	250	175	225
BKEF 355	730	656	267	650	280	183	256
BKEF 400	813	737	297	750	330	214	289
BKEF 450	900	813	314	800	340	231	323

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	rpm	m ³ /h	dB(A)	kg
BKEF 315M / BKEF 315T	230/380	50	550	1400	2350	34	75
BKEF 315MZ / BKEF 315TZ	230/380	50	750	2700	4000	49	75
BKEF 355M / BKEF 355T	230/380	50	550	1400	3750	39	80
BKEF 400M / BKEF 400T	230/380	50	750	1400	4500	42	92
BKEF 450M / BKEF 450T	230/380	50	750	1400	5600	45	103



Accessories



BSC-F

BYH

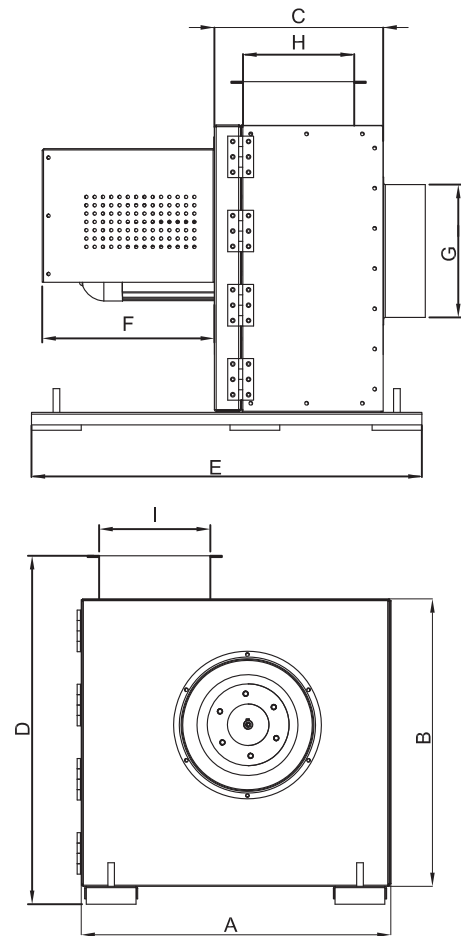


BKEF-T

AC KITCHEN EXHAUST FANS Forward Curved

The unit has a swing-out door for easy installation and service. The direction of the door opening can easily be changed from left to right. Fan connection and anti-vibration mountings are added to isolation bottom frame. The casing is manufactured from double-skinned galvanised sheet steel and insulated with 50 mm mineral wool. Up to 120 degrees hot air can be transferred. Low noise levels.

Technical Drawing



- MATERIAL** : Casing is made of galvanized sheet metal, fan with forward curved impeller is made of aluminium.
- INSULATION CLASS** : Class F
- MAX. HAVA TAŞINIMI** : 120°C
- DIRECTIVE** : EN 60335-1, EN 60335-2-80, EN 12101-3
- SPEED CONTROL** : Speed can be adjusted using an optional controller.
- APPLICATION AREAS** : The BKEF-T fan series are perfect to use in residential, commercial, and industrial environments, especially where hot air and smoke is needed to be transferred. They are widely used in industrial kitchens, cafes and restaurants, as well as gymnasiums, shopping centers, hospitals, factories, offices etc.

Accessories

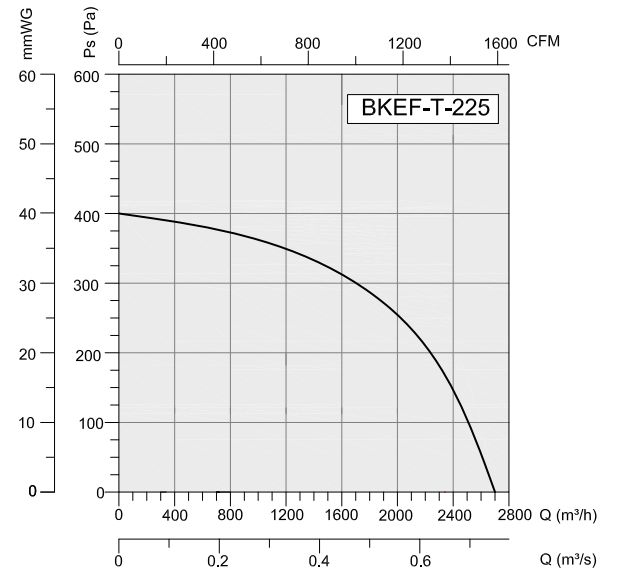
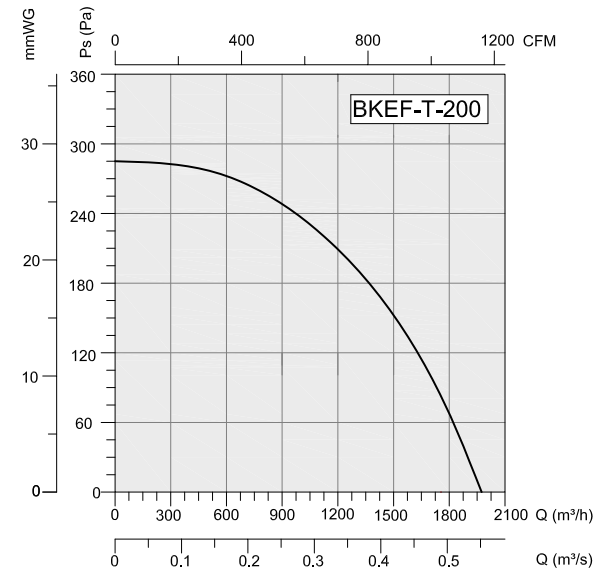
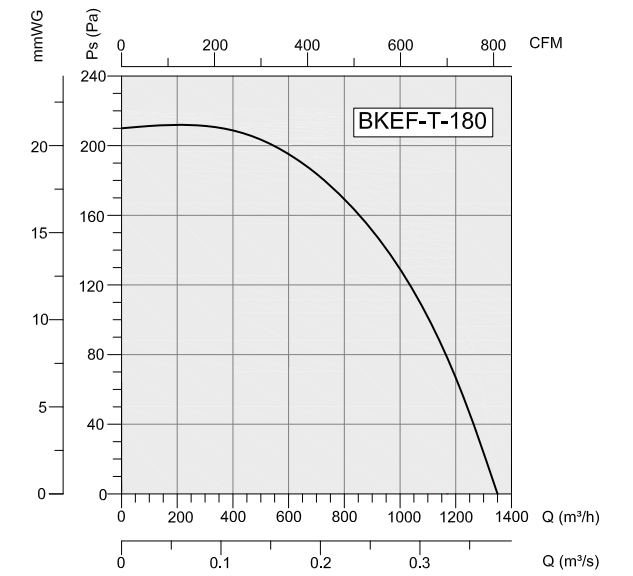
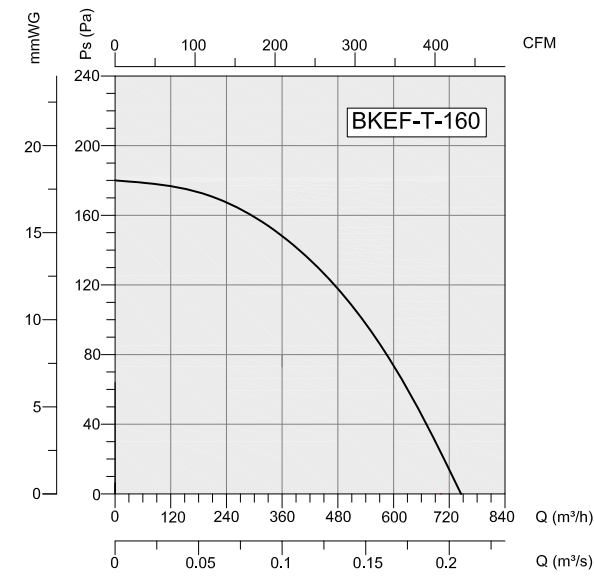


BSC-F

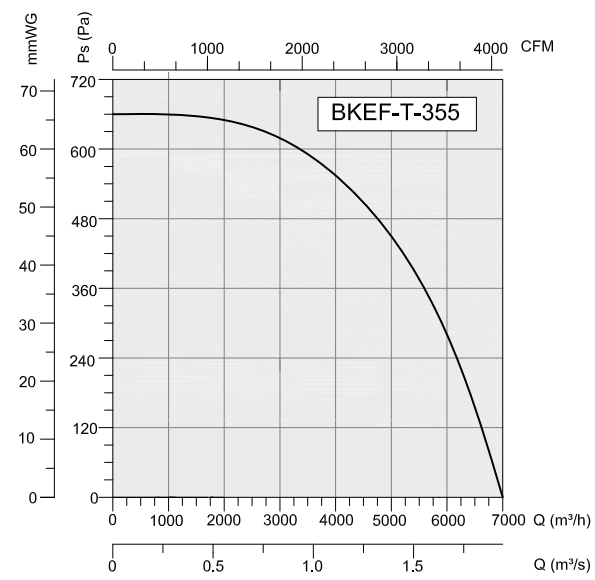
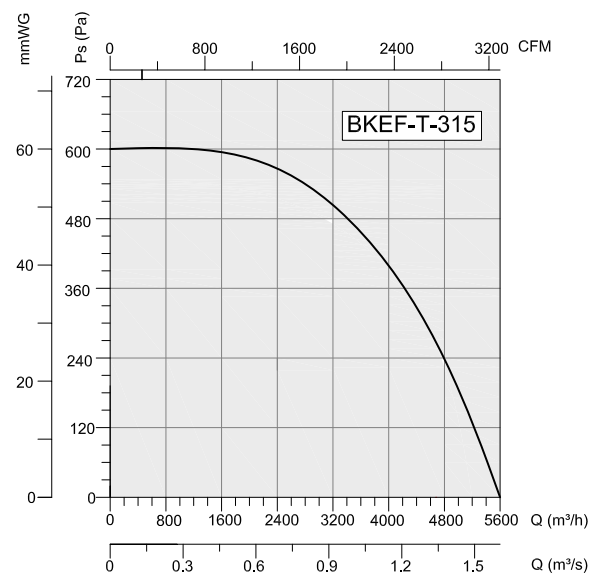
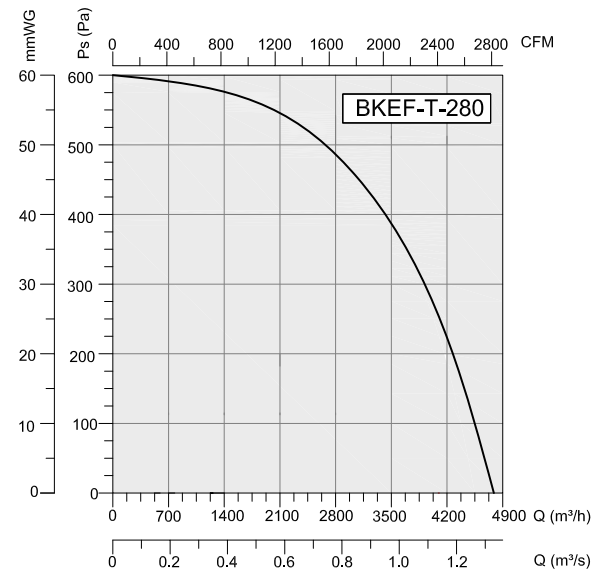
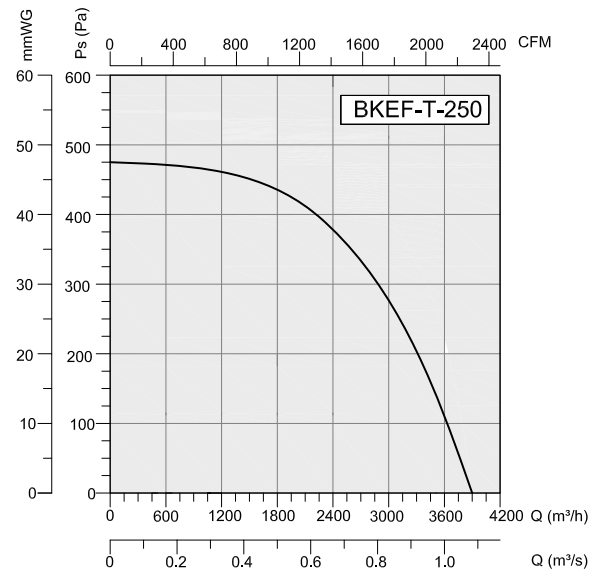
BYH

TYPE	A	B	C	D	E	F	G	H	I
BKEF-T 160	372	345	202	487	470	207	160	115	127
BKEF-T 180	409	378	208	520	490	207	190	130	132
BKEF-T 200	445	409	224	551	500	266	210	142	143
BKEF-T 225	492	452	226	594	550	316	229	142	163
BKEF-T 250	535	490	246	632	550	316	254	162	179
BKEF-T 280	590	540	250	680	600	316	284	167	203
BKEF-T 315	650	600	257	740	650	316	250	175	250
BKEF-T 355	650	600	257	800	650	316	280	183	250

Dimensions are in (mm)



TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	rpm	m ³ /h	dB(A)	kg
BKEF-T 160M / BKEF-T 160T	230/380	50	180	1330	750	34	25
BKEF-T 180M / BKEF-T 180T	230/380	50	180	1330	1350	35	29
BKEF-T 200M / BKEF-T 200T	230/380	50	550	1360	2000	37	40
BKEF-T 225M / BKEF-T 225T	230/380	50	750	1360	2700	38	43
BKEF-T 250M / BKEF-T 250T	230/380	50	1500	1360	3900	40	52
BKEF-T 280M / BKEF-T 280T	230/380	50	2200	1330	4725	45	63
BKEF-T 315M / BKEF-T 315T	230/380	50	3000	1330	5600	48	78
BKEF-T 355M / BKEF-T 355T	230/380	50	4000	1270	7000	51	85



DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

JET FANS

PLASTIC FANS

VENTILATORS

ACCESSORIES

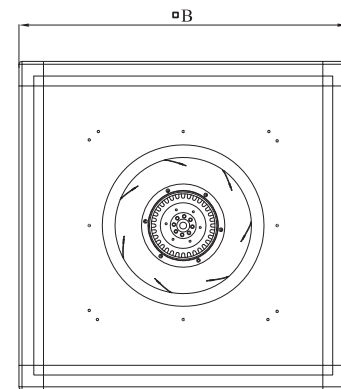
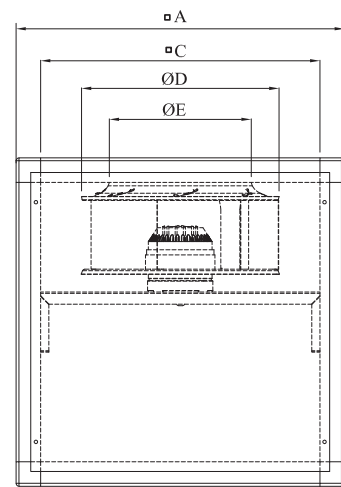


BKEF-R

AC KITCHEN EXHAUST FANS Backward Curved

Removable panels provide flexibility on air flow direction.
Suitable mounting at each mounting position.
Safe and no maintenance needed.
Panels with double walls are manufactured of 20mm mineral wool isolated galvanize sheetsteel.

Technical Drawing



MATERIAL : Casing is made of galvanized sheet metal, fan with backward curved impeller is made of aluminium

INSULATION CLASS : Class F

MAX. HAVA TAŞINIMI : 50°C

DIRECTIVE : EN 60335-1, EN 60335-2-80, EN 12101-3

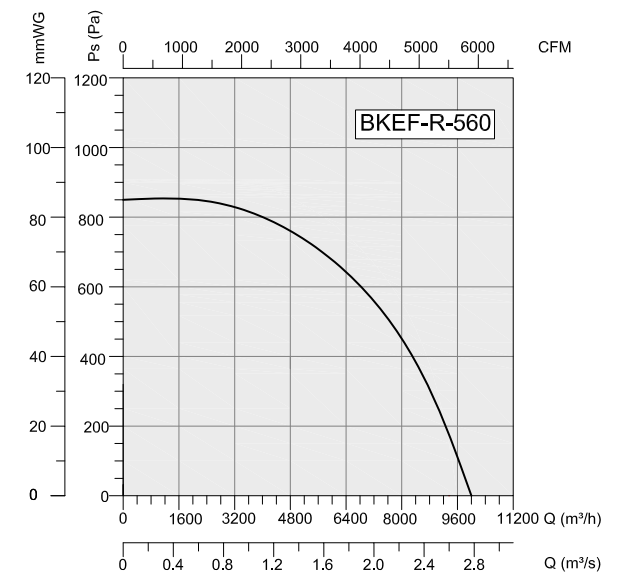
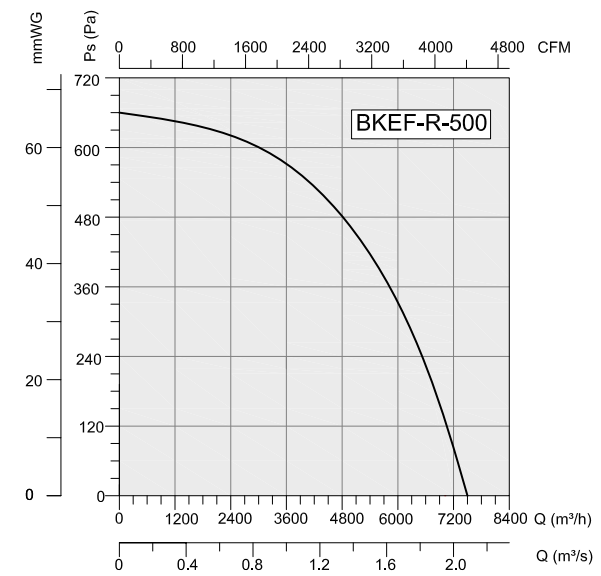
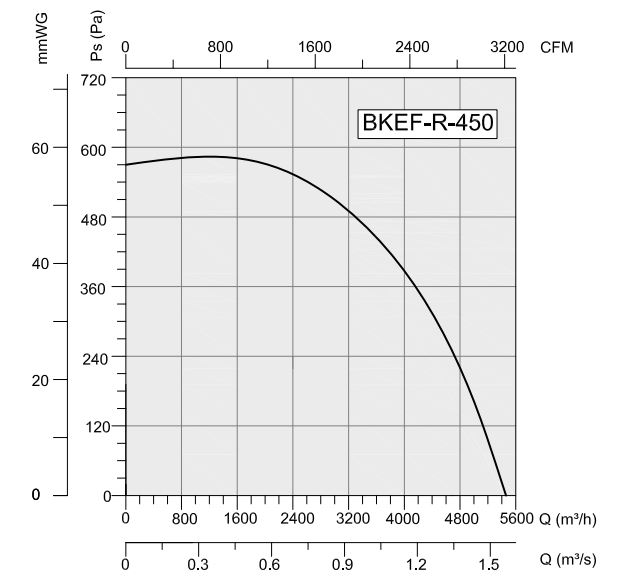
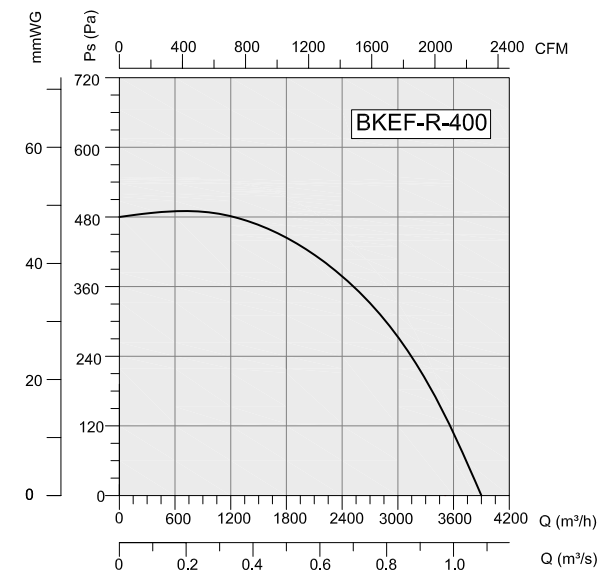
SPEED CONTROL : Speed can be adjusted using an optional controller.

APPLICATION AREAS : BKEF-R fan series are perfect to use in residential, commercial, and industrial environments, especially where pressured air is needed to be transferred. They are widely used in industrial kitchens, cafes and restaurants, as well as gymnasiums, shopping centers, hospitals, factories, offices etc. They are also used in Air Handling Units (AHU) for air supply.

TYPE	A	B	C	D	E
BKEF-R 400	670	670	548	405	253
BKEF-R 450	670	670	548	405	253
BKEF-R 500	670	670	590	504	321
BKEF-R 560	800	800	720	570	361

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	W	rpm	m ³ /h	dB(A)	kg
BKEF-R 400	230/380	50	750	1330	4000	40	36
BKEF-R 450	230/380	50	750	1330	5500	46	40
BKEF-R 500	230/380	50	1500	1330	7500	50	51
BKEF-R 560	230/380	50	2200	1330	10000	53	65



Accessories



BSC-F BDH



BDEB



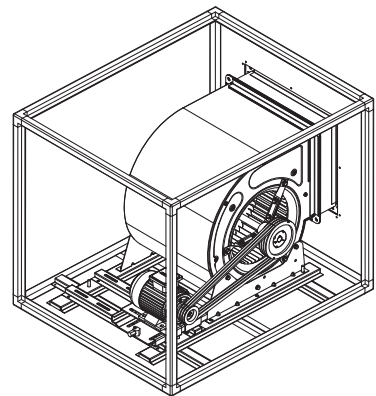
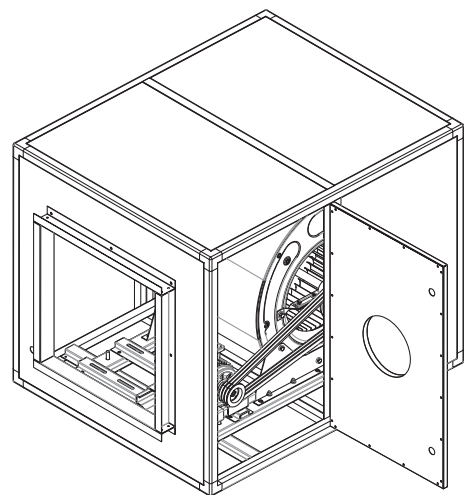


BHV

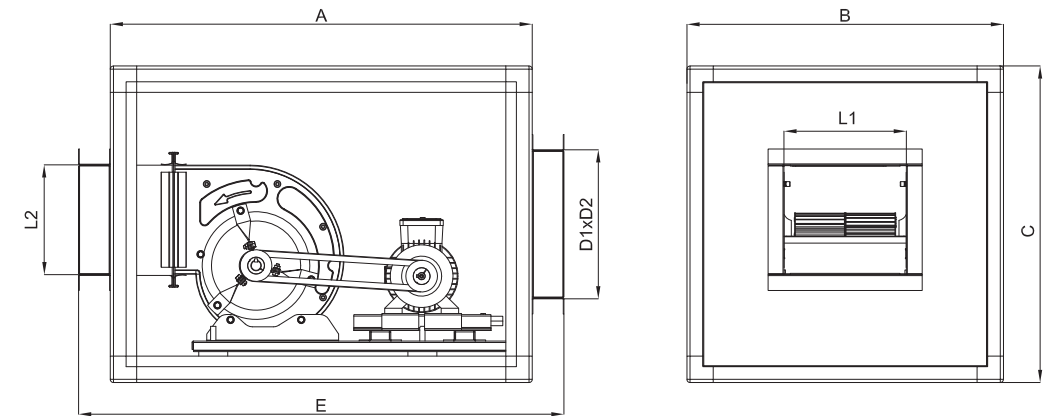
AC VENTILATION UNITS Forward Curved

BHV (double inlet fans) can be manufactured for the flow rates between 500 and 50000 m³/h. Unit panels are covered with 20mm polyurethane. Max. efficiency with low energy. Acoustic isolated to noise and works vibration-free.

Technical Drawing



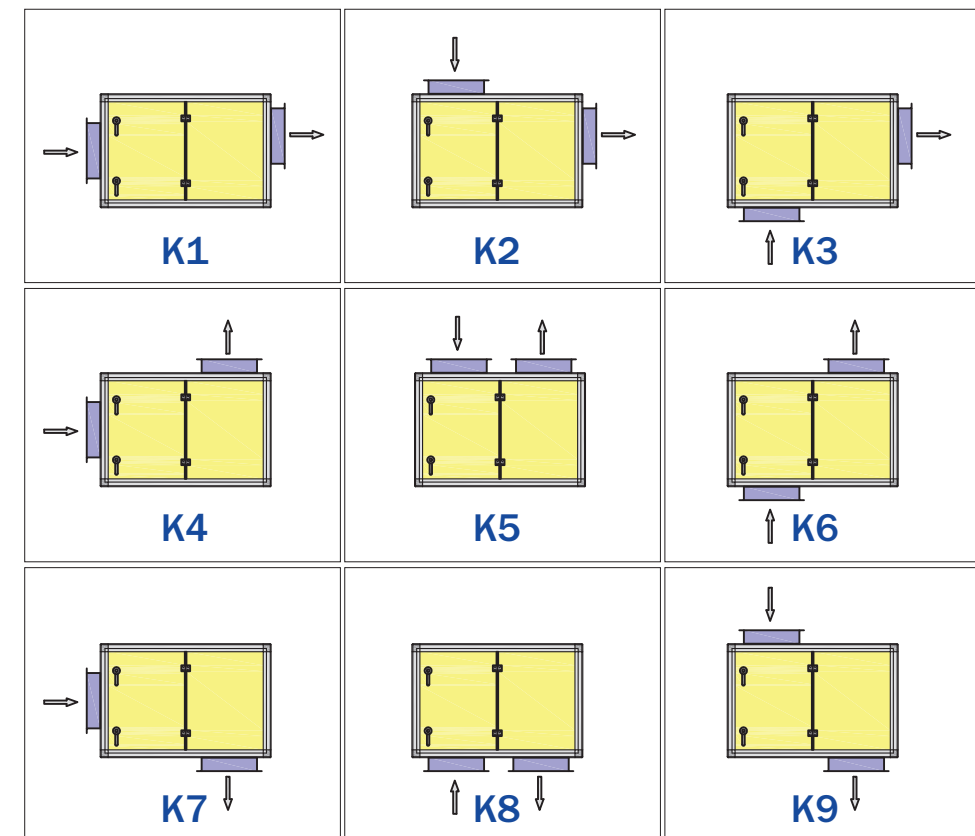
- MATERIAL** : Housing is made of galvanized sheet metal and covered with 20mm polyurethane, aluminium cell, forward curved fan is made of galvanized sheet metal.
- INSULATION CLASS** : Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80
- SPEED CONTROL** : Speed is adjusted using belt pulley
- APPLICATION AREAS** : Workplaces, offices, factories, hospitals, restaurants, meeting rooms, supermarkets, shopping centers etc.



TYPE	A	B	C	D1	D2	E	L1	L2
BHV 7	800	600	600	280	280	920	232	208
BHV 9	850	650	650	350	350	970	298	262
BHV 10	900	750	750	380	380	1020	331	289
BHV 12	1000	800	800	450	450	1120	395	341
BHV 15	1100	900	900	520	520	1220	471	404
BHV 18	1250	1050	1050	600	600	1370	557	478
BHV 20	1500	1400	1400	1000	700	1620	638	638
BHV 22	1750	1700	1700	1200	800	1870	715	715
BHV 25	1850	1800	1800	1400	900	1970	801	801

Dimensions are in (mm)

INLET - OUTLET POSITIONS



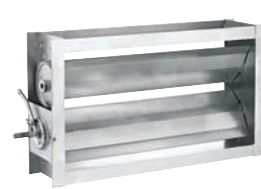
Accessories



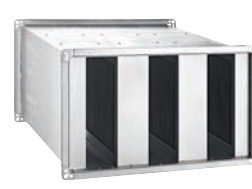
BSC-F



BDEB

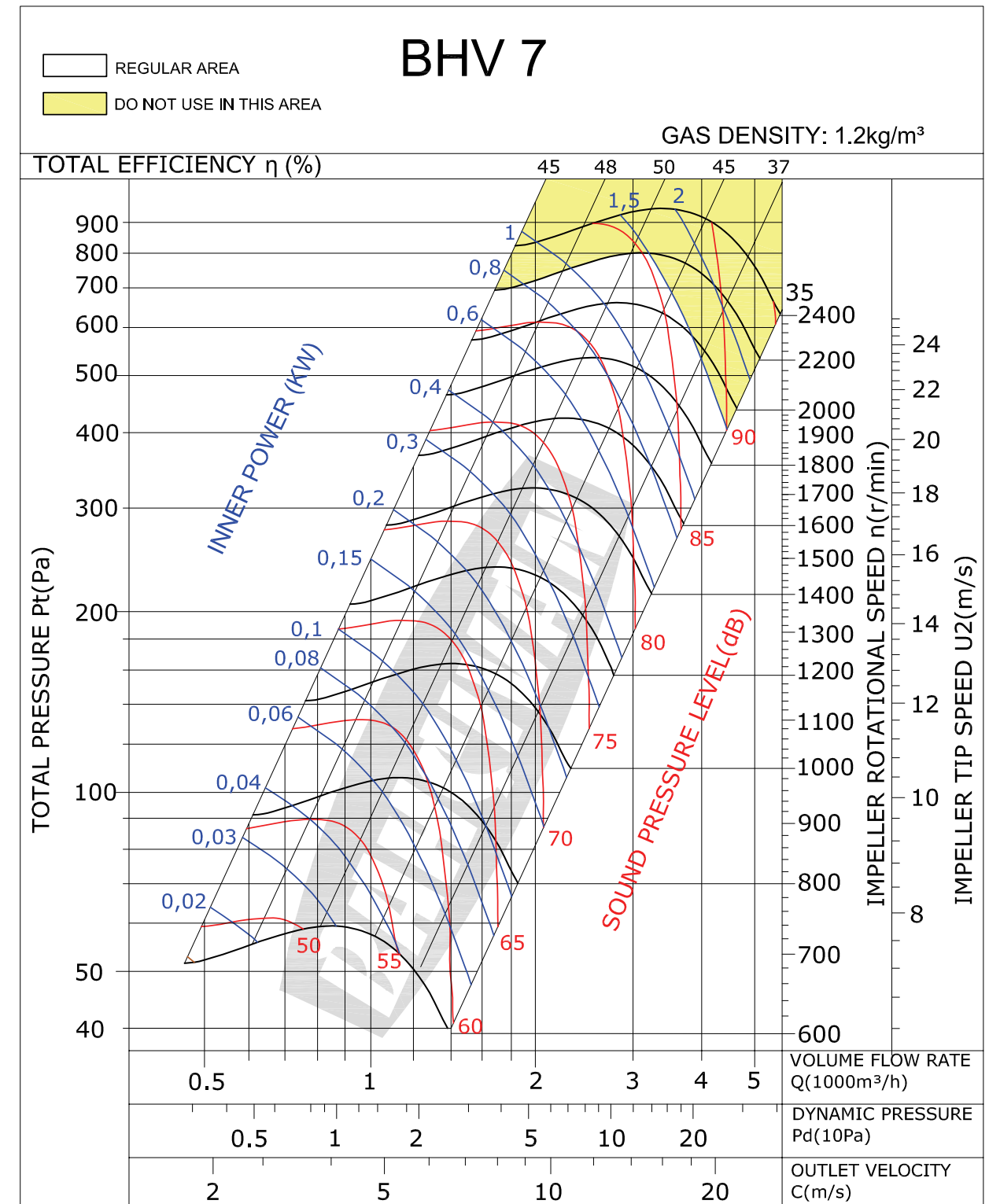


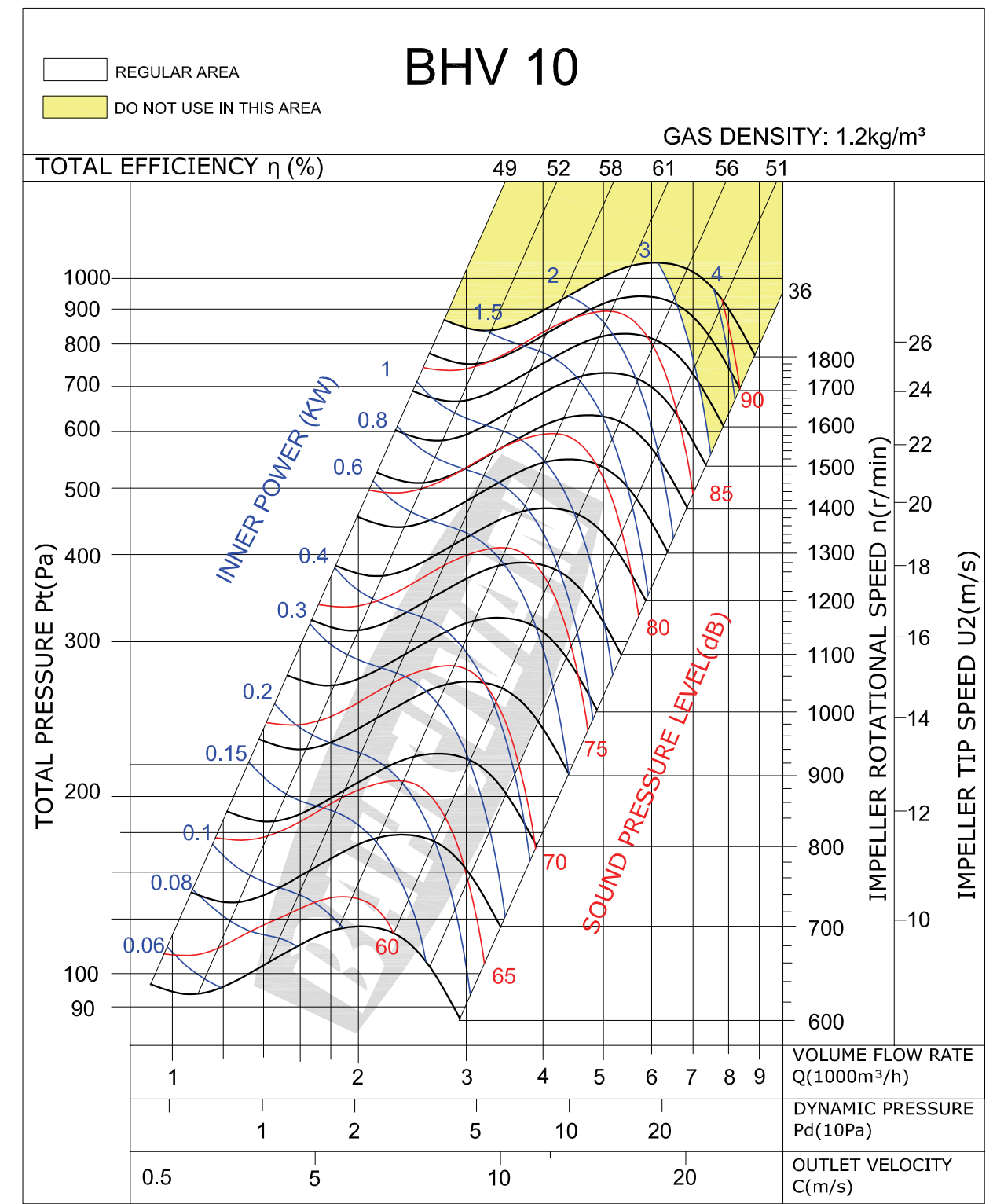
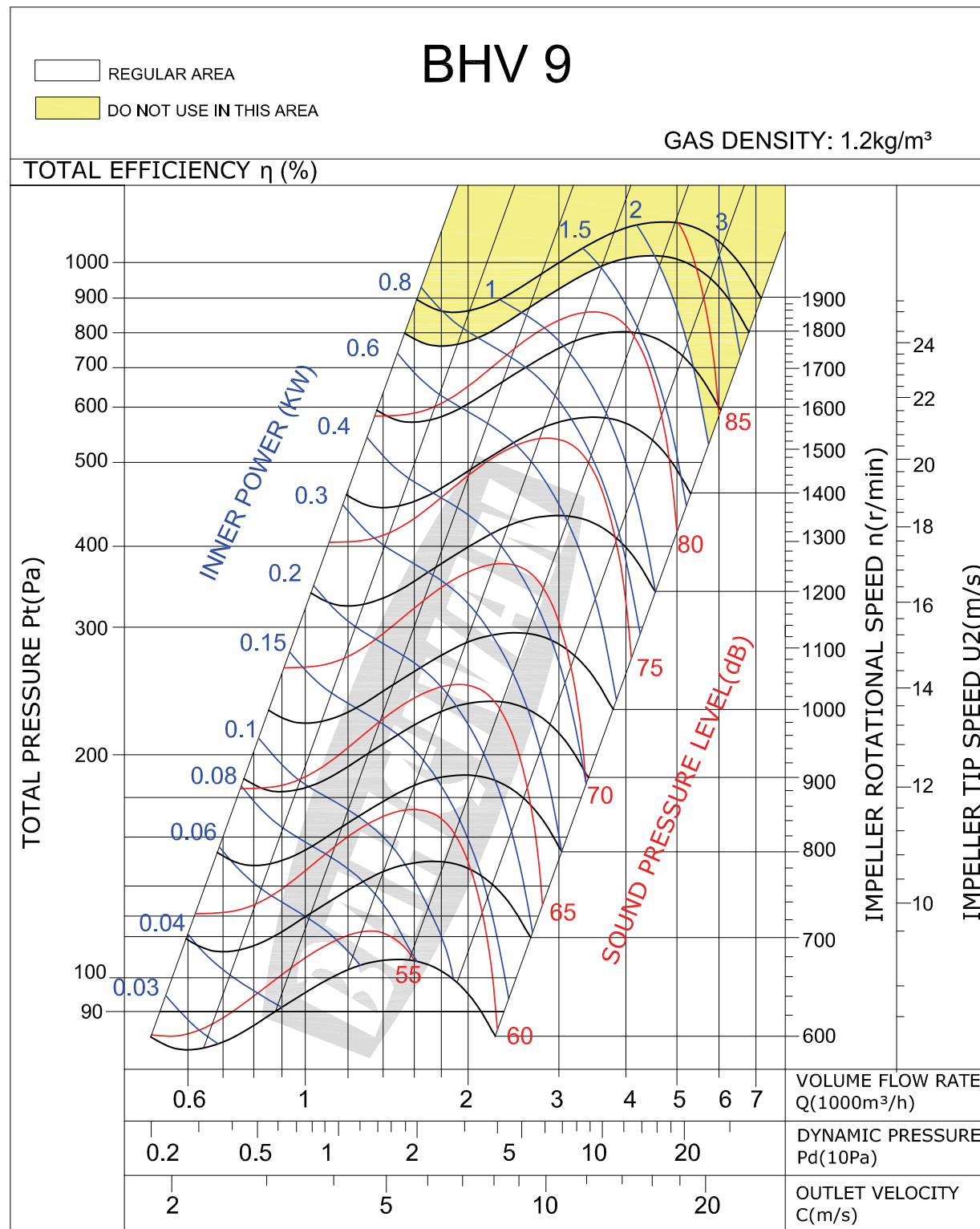
BDH

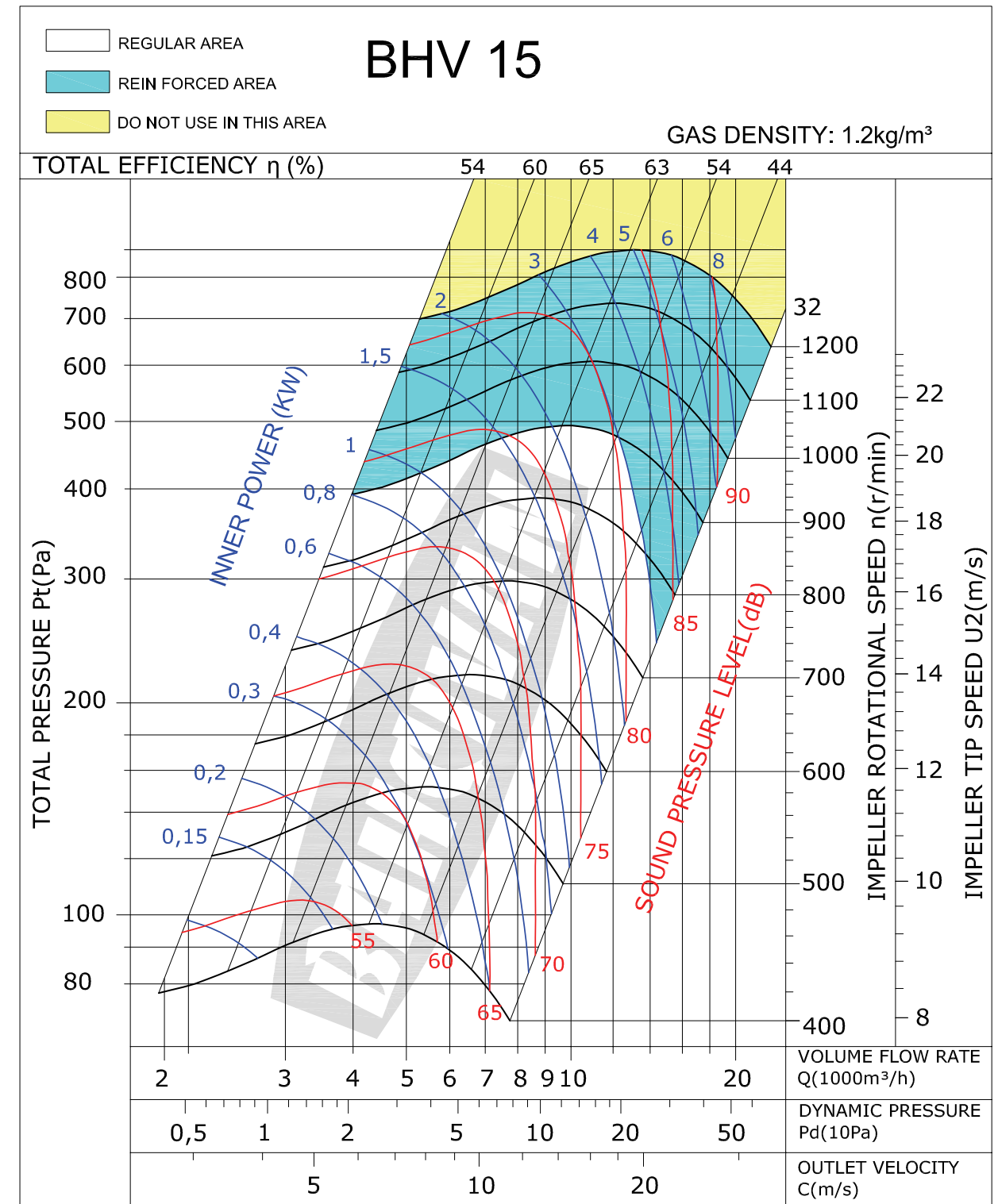
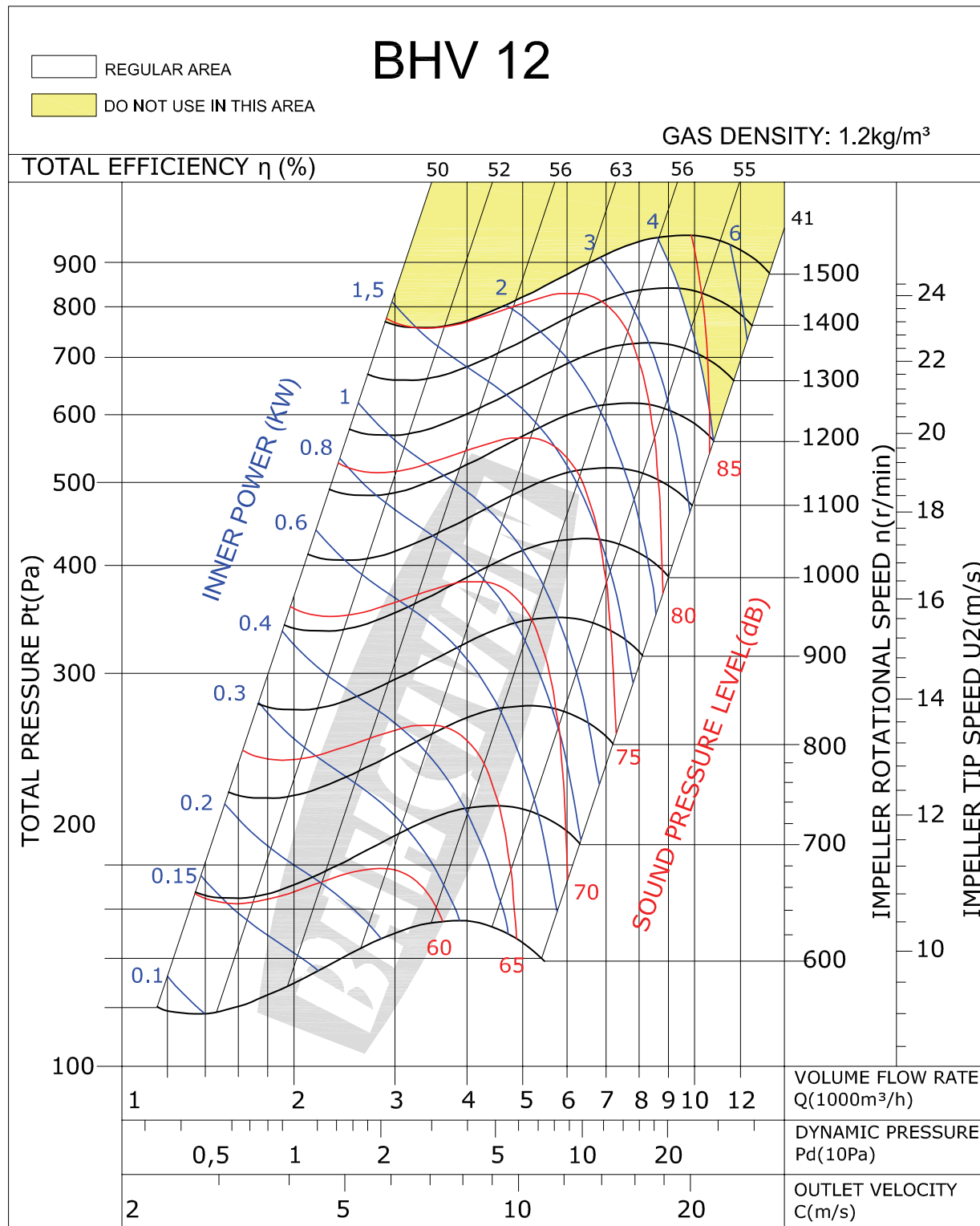


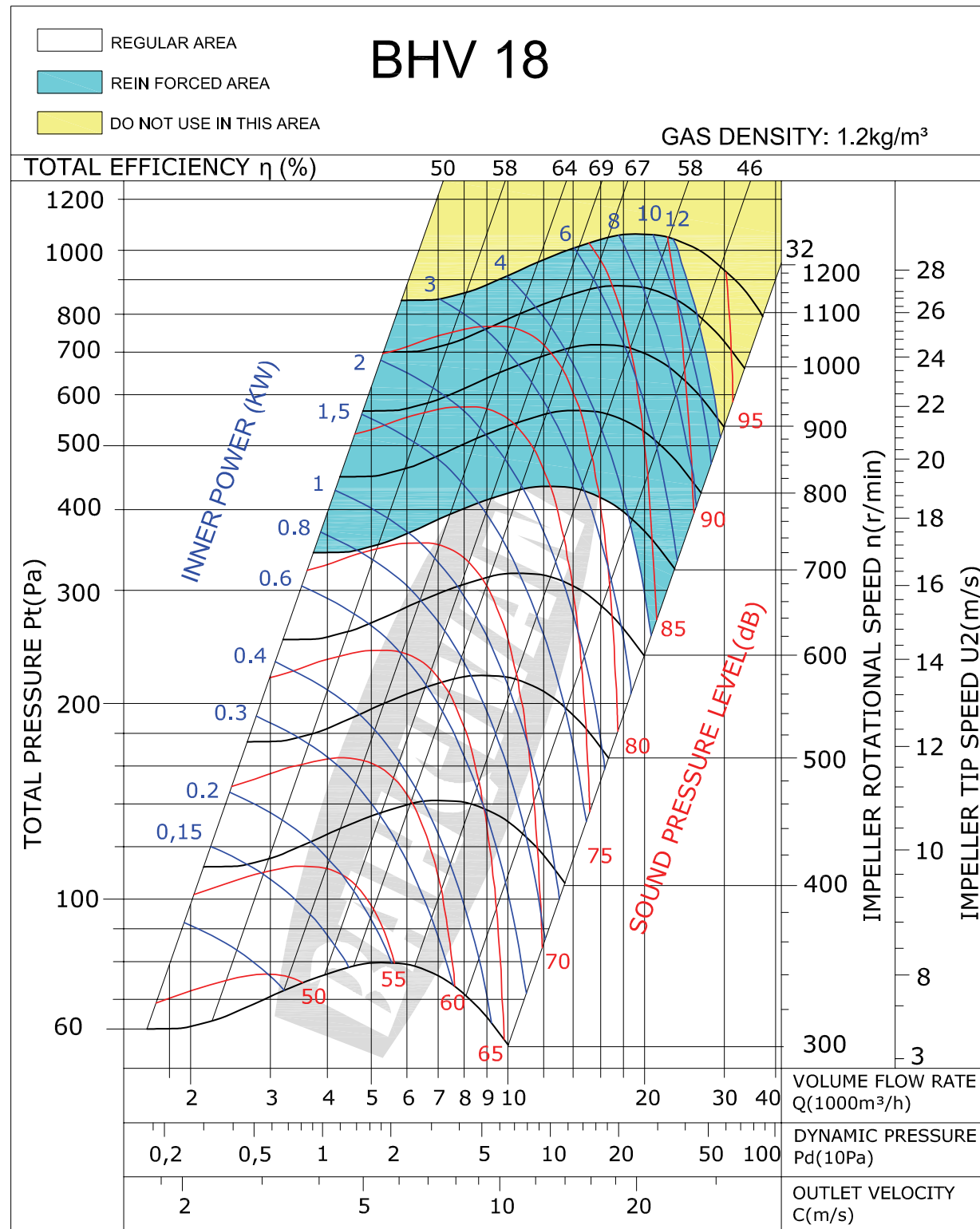
BDKS

TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	PRESSURE	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	Kw	rpm	m ³ /h	Pa	dB(A)	kg
BHV 7 - 0,18	220/380	50	0.18	1000	1600	170	48	64
BHV 7 - 0,25	220/380	50	0.25	1200	1825	240	49	65
BHV 7 - 0,37	220/380	50	0.37	1400	2100	320	51	66
BHV 7 - 0,55	220/380	50	0.55	1600	2350	420	54	68
BHV 7 - 0,75	220/380	50	0.75	1800	2600	540	57	69
BHV 9 - 0,25	220/380	50	0.25	850	2300	220	50	74
BHV 9 - 0,37	220/380	50	0.37	960	2800	280	52	75
BHV 9 - 0,55	220/380	50	0.55	1060	3200	320	53	76
BHV 9 - 0,75	220/380	50	0.75	1200	3500	430	58	77
BHV 9 - 1,1	220/380	50	1.1	1340	4100	500	59	80
BHV 10 - 0,25	220/380	50	0.25	660	2800	125	50	81
BHV 10 - 0,37	220/380	50	0.37	800	3300	220	50	82
BHV 10 - 0,55	220/380	50	0.55	880	3800	250	52	83
BHV 10 - 0,75	220/380	50	0.75	1000	4200	300	55	84
BHV 10 - 1,1	220/380	50	1.1	1130	4800	380	58	87
BHV 10 - 1,5	220/380	50	1.5	1270	5300	480	60	89
BHV 12 - 0,37	220/380	50	0.37	600	4200	150	52	109
BHV 12 - 0,55	220/380	50	0.55	700	4600	210	52	110
BHV 12 - 0,75	220/380	50	0.75	800	5100	290	53	111
BHV 12 - 1,1	220/380	50	1.1	880	5700	330	56	114
BHV 12 - 1,5	220/380	50	1.5	1020	6400	440	58	115
BHV 12 - 2,2	220/380	50	2.2	1140	7400	550	61	120
BHV 15 - 0,55	220/380	50	0.55	530	4700	170	53	127
BHV 15 - 0,75	220/380	50	0.75	560	6000	190	53	128
BHV 15 - 1,1	220/380	50	1.1	630	7000	250	55	129
BHV 15 - 1,5	220/380	50	1.5	700	7800	300	57	131
BHV 15 - 2,2	220/380	50	2.2	800	9000	390	60	135
BHV 15 - 3	220/380	50	3	880	10000	480	62	139
BHV 15 - 4	380	50	4	970	11000	580	65	145
BHV 18 - 0,75	220/380	50	0.75	460	7500	190	52	173
BHV 18 - 1,1	220/380	50	1.1	510	9000	250	55	174
BHV 18 - 1,5	220/380	50	1.5	540	10800	260	57	175
BHV 18 - 2,2	220/380	50	2.2	610	12500	320	57	176
BHV 18 - 3	220/380	50	3	680	14000	400	59	177
BHV 18 - 4	380	50	4	750	15000	500	62	180
BHV 18 - 5,5	380	50	5.5	850	16500	650	65	188
BHV 18 - 7,5	380	50	7.5	930	18000	780	68	192
BHV 20	380	50	11	725	22000	400	65	285
BHV 22	380	50	15	765	27000	400	67	335
BHV 25	380	50	18.5	610	38000	400	68	380









DUCT FANS

ROOF FANS

AXIAL FANS

RADIAL FANS

JET FANS

PLASTIC FANS

VENTILATORS

ACCESSORIES

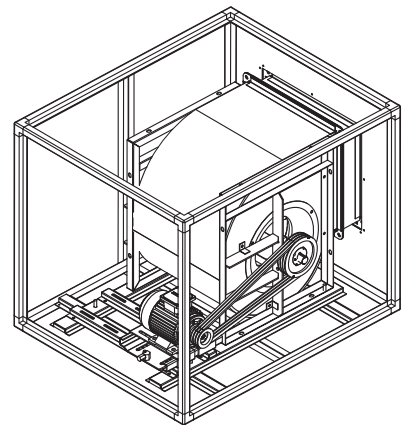
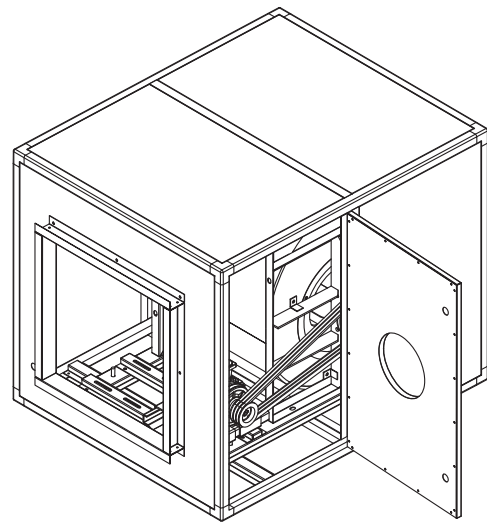


BHV-R

AC VENTILATION UNITS Backward Curved

BHV-R (double inlet fans) can be manufactured for the flow rates between 500 and 90000 m³/h. Unit panels are covered with 20mm polyurethane. Max. efficiency with low energy. Acoustic isolated to noise and works vibration-free.

Technical Drawing



- MATERIAL** : Housing is made of galvanized sheet metal and covered with 20mm polyurethane, aluminium cell, backward curved fan is made of sheet metal with welded execution.
- INSULATION CLASS** : Class F
- DIRECTIVE** : EN 60335-1, EN 60335-2-80
- SPEED CONTROL** : Speed is adjusted using belt pulley.
- APPLICATION AREAS** : Workplaces, offices, factories, hospitals, restaurants, meeting rooms, supermarkets, shopping centers etc.

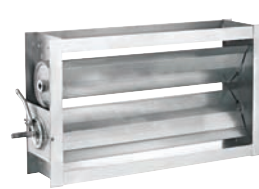
Accessories



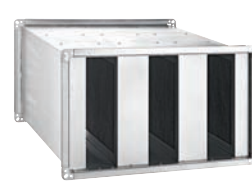
BSC-F



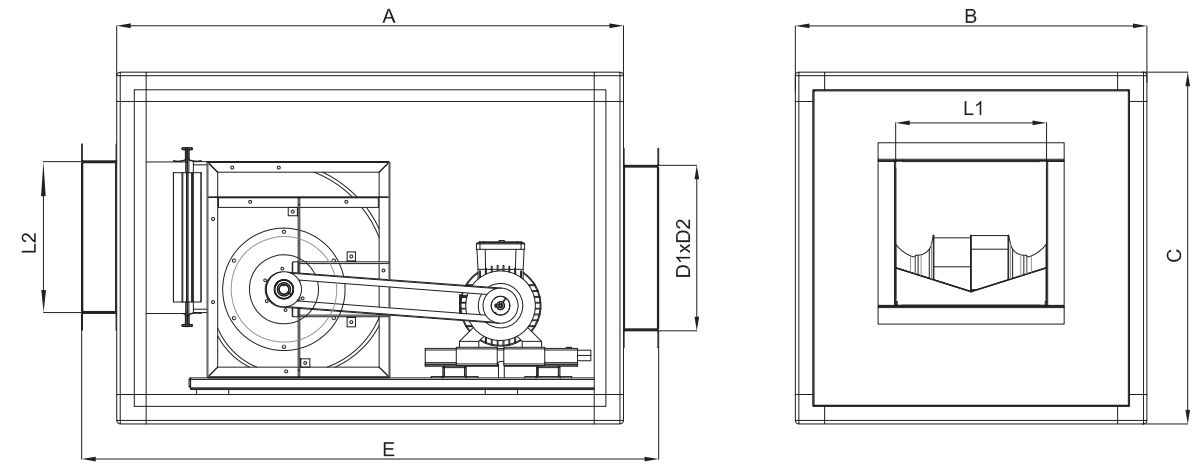
BDEB



BDH



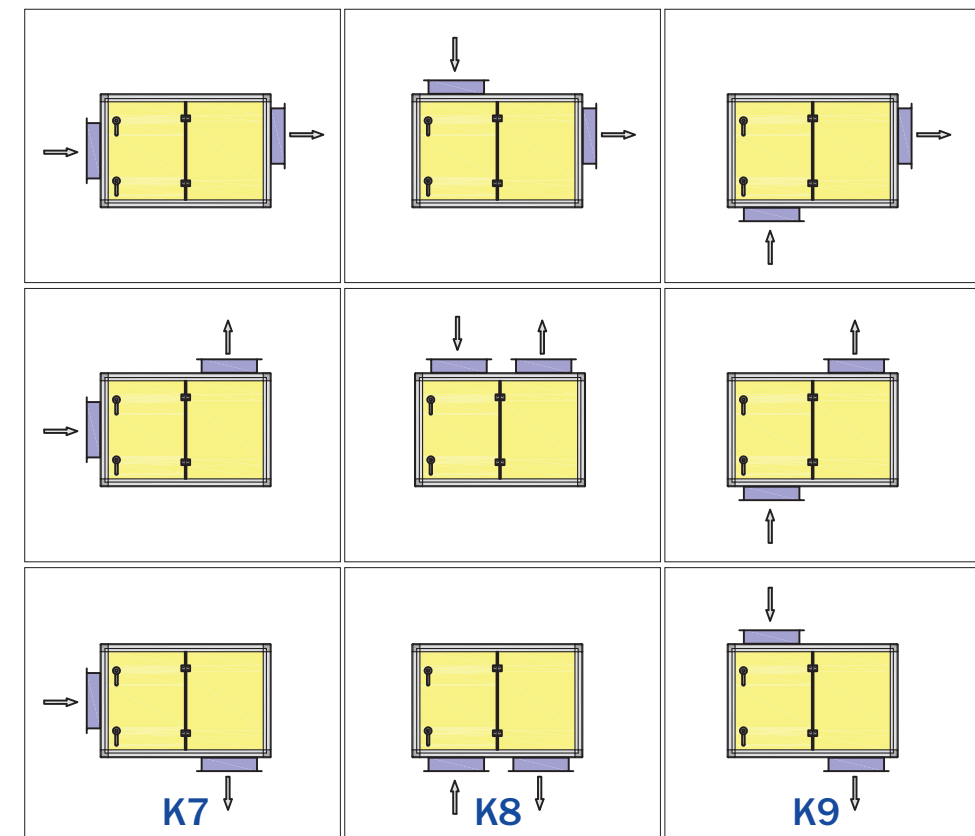
BDKS



TYPE	A	B	C	D1	D2	E	L1	L2
BHV-R 250	1050	800	800	400	400	1170	322	322
BHV-R 280	1100	850	850	450	450	1220	361	361
BHV-R 315	1200	950	950	500	500	1320	405	405
BHV-R 355	1300	1000	1000	550	550	1420	453	453
BHV-R 400	1400	1100	1100	650	650	1520	507	507
BHV-R 450	1600	1200	1200	700	700	1720	569	569
BHV-R 500	1700	1350	1350	800	800	1820	638	638
BHV-R 560	1800	1500	1500	850	850	1920	715	715
BHV-R 630	2000	1650	1650	1000	1000	2120	801	801

Dimensions are in (mm)

INLET - OUTLET POSITIONS



TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	PRESSURE	SOUND PRESSURE LEVEL	WEIGHT
	V	Hz	Kw	rpm	m ³ /h	Pa	dB(A)	kg
BHV-R 250-0,37	220/380	50	0,37	2000	1500	420	59	83
BHV-R 250-0,55	220/380	50	0,55	2250	2000	520	66	86
BHV-R 250-0,75	220/380	50	0,75	2700	2400	700	69	87
BHV-R 250-1,1	220/380	50	1,1	2950	2600	820	70	88
BHV-R 250-1,5	220/380	50	1,5	3300	3000	1000	75	90
BHV-R 280-0,55	220/380	50	0,55	2100	2000	6000	65	94
BHV-R 280-0,75	220/380	50	0,75	2200	2500	620	66	97
BHV-R 280-1,1	220/380	50	1,1	2400	3000	700	70	100
BHV-R 280-1,5	220/380	50	1,5	2700	3500	850	73	102
BHV-R 280-2,2	220/380	50	2,2	3000	4000	1000	75	105
BHV-R 280-3	220/380	50	3	3200	5000	1000	78	107
BHV-R 280-4	380	50	4	3500	6000	1000	80	110
BHV-R 315-1,5	220/380	50	1,5	2300	4000	900	68	115
BHV-R 315-2,2	220/380	50	2,2	2500	5000	1000	70	118
BHV-R 315-3	220/380	50	3	2600	6000	1000	71	120
BHV-R 315-3	380	50	3	2800	7000	1000	75	121
BHV-R 315-4	380	50	4	3000	8000	1000	76	123
BHV-R 355-2,2	220/380	50	2,2	2100	5000	900	66	142
BHV-R 355-3	220/380	50	3	2200	6500	1000	70	144
BHV-R 355-3	220/380	50	3	2350	8000	1000	73	145
BHV-R 355-4	380	50	4	2500	9000	1000	75	147
BHV-R 355-5,5	380	50	5,5	2600	10000	1000	76	164
BHV-R 400-3	220/380	50	3	1900	6000	1000	69	181
BHV-R 400-4	380	50	4	1950	8500	1000	73	184
BHV-R 400-5,5	380	50	5,5	2200	12000	1000	78	201
BHV-R 400-7,5	380	50	7,5	2500	15000	1000	81	206
BHV-R 450-3	220/380	50	3	1700	7000	1000	69	232
BHV-R 450-4	380	50	4	1700	9000	1000	71	235
BHV-R 450-5,5	380	50	5,5	1820	12000	1000	75	252
BHV-R 450-7,5	380	50	7,5	1980	15000	1000	78	257
BHV-R 450-11	380	50	11	2180	18000	1000	81	286
BHV-R 500-4	380	50	4	1520	10000	1000	71	290
BHV-R 500-5,5	380	50	5,5	1580	13000	1000	74	307
BHV-R 500-7,5	380	50	7,5	1650	16000	1000	76	312
BHV-R 500-11	380	50	11	1850	20000	1000	80	341
BHV-R 500-15	380	50	15	2050	26000	1000	85	349
BHV-R 560-5,5	380	50	5,5	1380	12000	1000	65	350
BHV-R 560-7,5	380	50	7,5	1400	16000	1000	67	355
BHV-R 560-11	380	50	11	1550	22000	1000	70	384
BHV-R 560-15	380	50	15	1750	28000	1000	76	393
BHV-R 560-18,5	380	50	18,5	1850	32000	1000	78	415
BHV-R 630-7,5	380	50	7,5	1200	20000	1000	71	395
BHV-R 630-11	380	50	11	1300	25000	1000	75	424
BHV-R 630-15	380	50	15	1400	30000	1000	78	429
BHV-R 630-18,5	380	50	18,5	1550	36000	1000	79	451
BHV-R 630-22	380	50	22	1650	40000	1000	81	517
BHV-R 710-30	380	50	30	1450	50000	1000	85	600
BHV-R 800-30	380	50	30	1300	60000	1000	90	620
BHV-R 900-30	380	50	30	1100	70000	1000	95	650
BHV-R 1000-37	380	50	37	1000	90000	1000	100	700

