

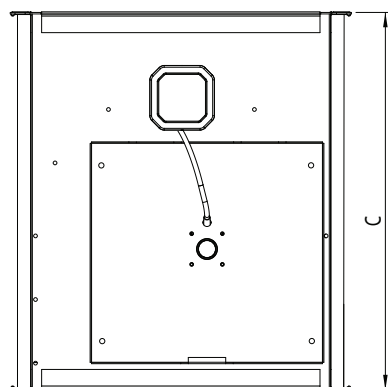
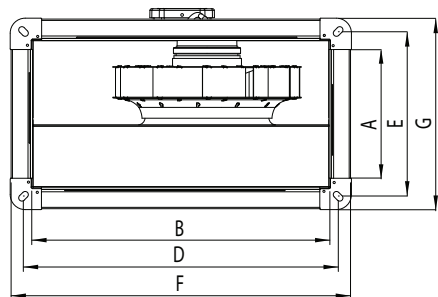


BDKF

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.

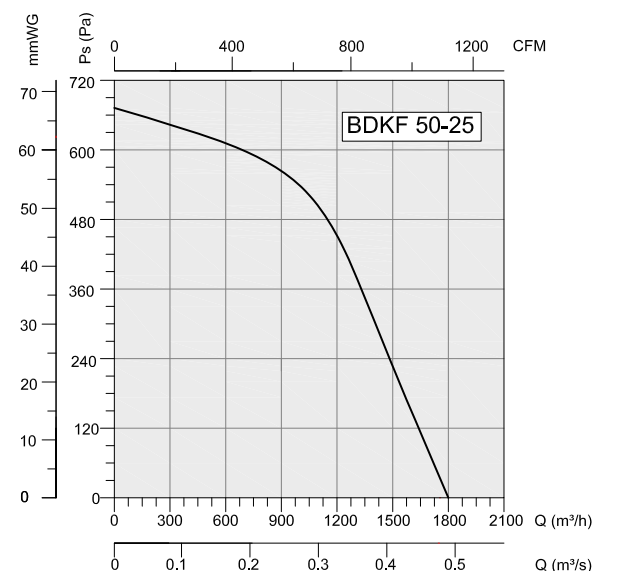
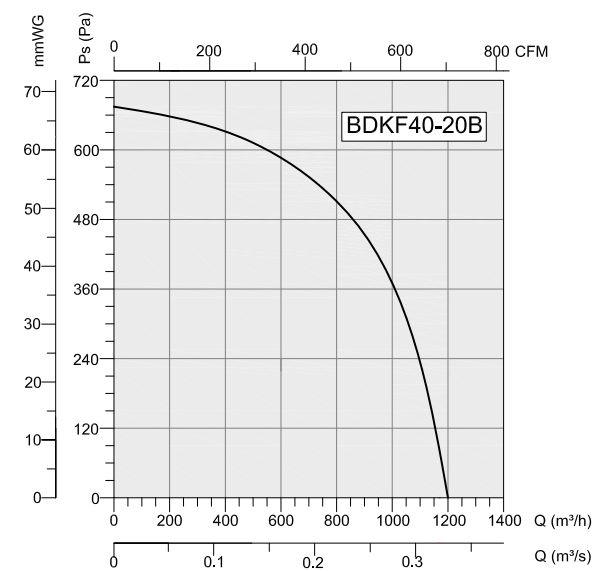
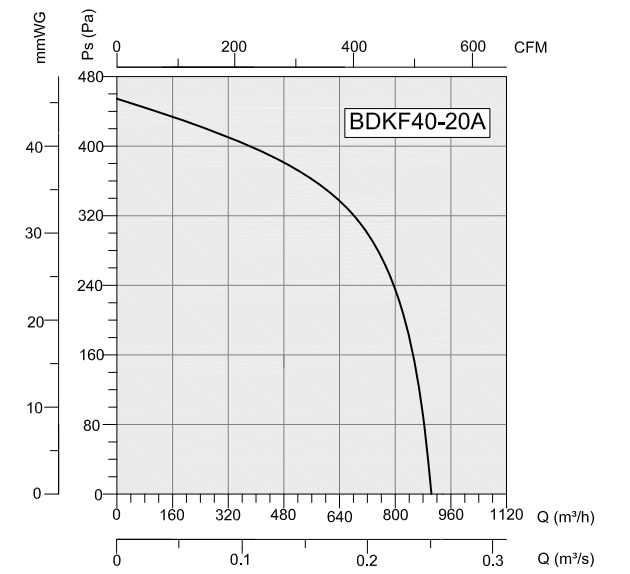
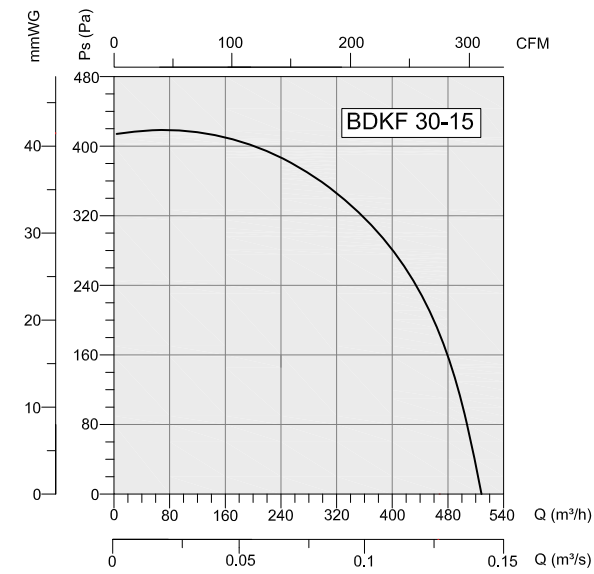
Technical Drawing



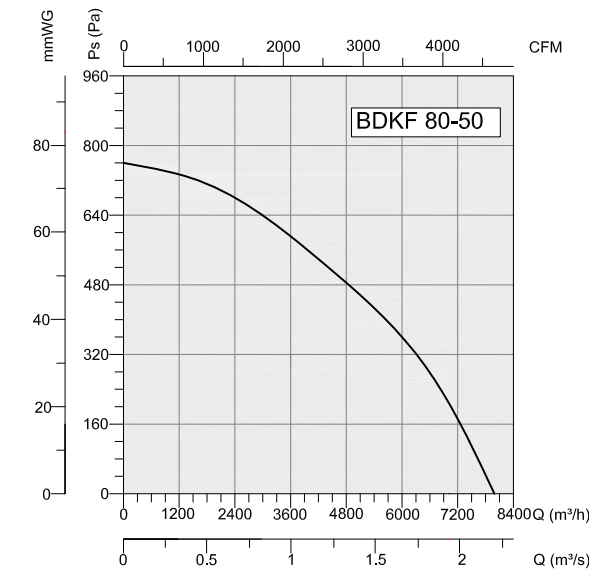
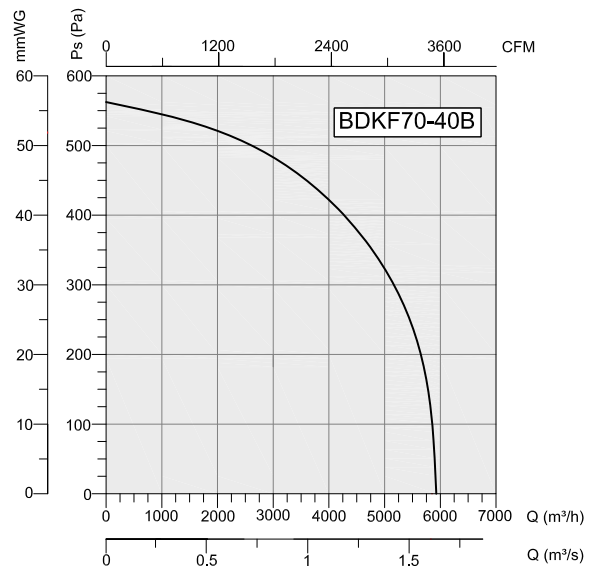
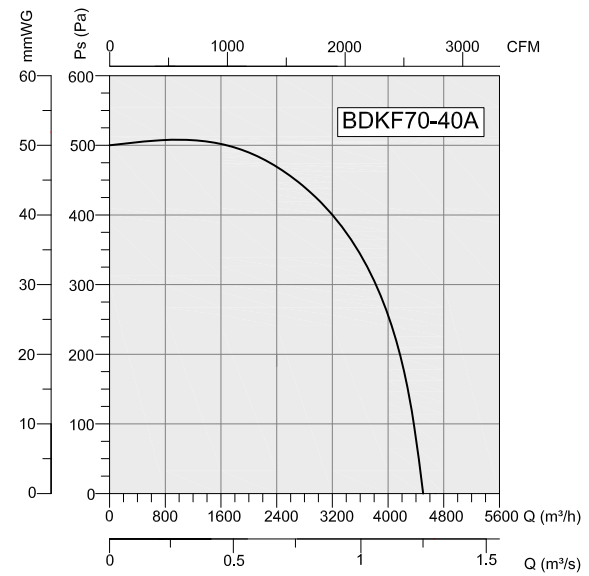
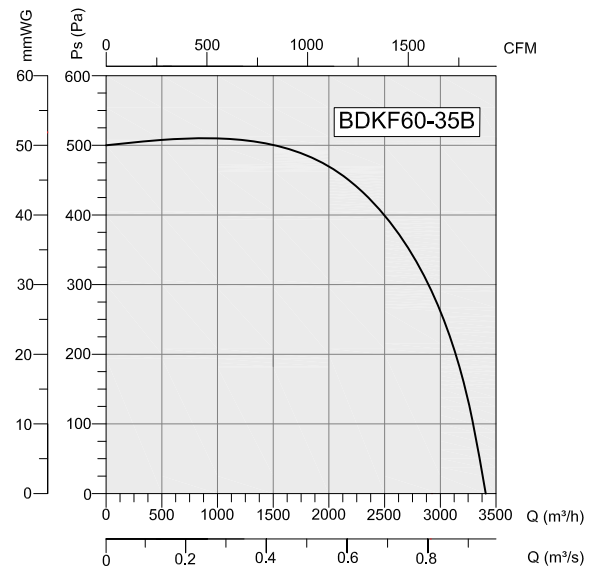
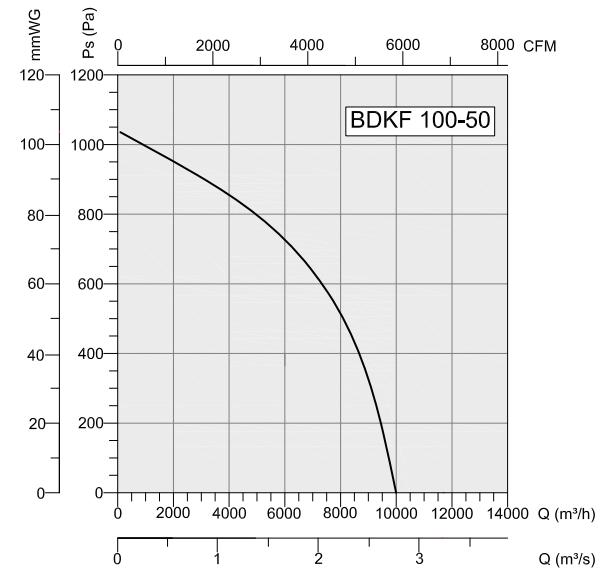
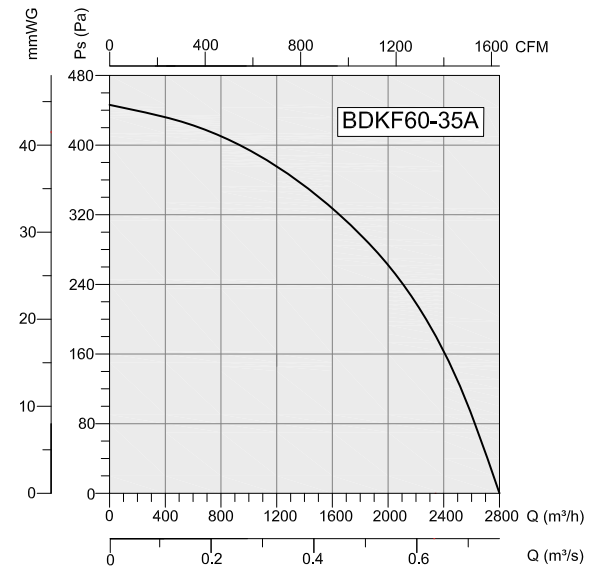
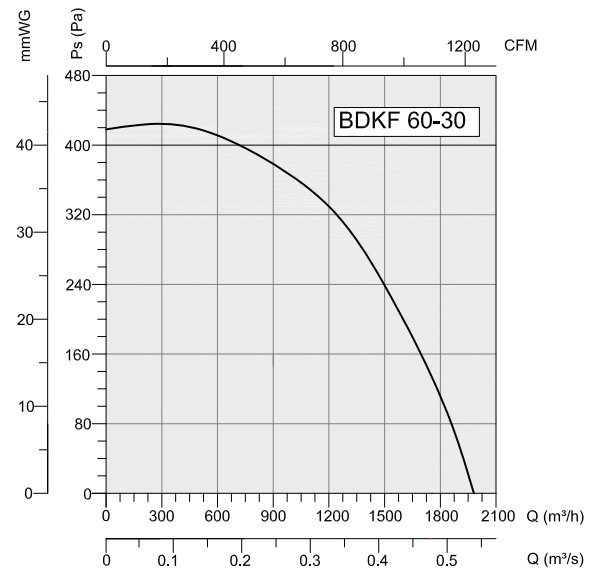
- MATERIAL** : The housing and impeller is galvanized sheet steel.
- INSULATION CLASS** : Class B
- DIRECTIVE** : Complying with EN 60335-1, EN 60335-2-80
- PROTECTION OF MOTOR** : Thermal overload protection is available upon request.(Connector box- IP 55)
- SPEED CONTROL** : Speed can be adjusted using 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