



BKEF-T

KITCHEN FANS / Forward Curved

Fan Components and Material Properties

The rectangular body and the impellers of the fans are made of high quality galvanized steel which is resistant to corrosion. Motor protection cover. The BSKF-R is equipped with an asynchronous motor outside the air flow. The device is capable of carrying air at max.120°C.

Fan Structure

Double-walled galvanized body and galvanized forward inclined fan impeller. The fan blades are forward-curved, combined with the plug-in technique and produced in an aerodynamic manner to ensure regular flow. It is designed to work between the rectangular channel. Opening direction interchangeable cover is available.

Benefits

Since the motor is out of airflow, it is resistant to high temperature. The swing-out lid allows the product to

be maintained effortlessly without removing the fan. The housing with fan connection and anti-vibration mountings are included in the isolated base frame. Thanks to the aerodynamic wing structure, they work quietly. Speed can be adjusted with speed control devices. 50 mm thick mineral wool was applied for sound and heat insulation. Water drainage feature.

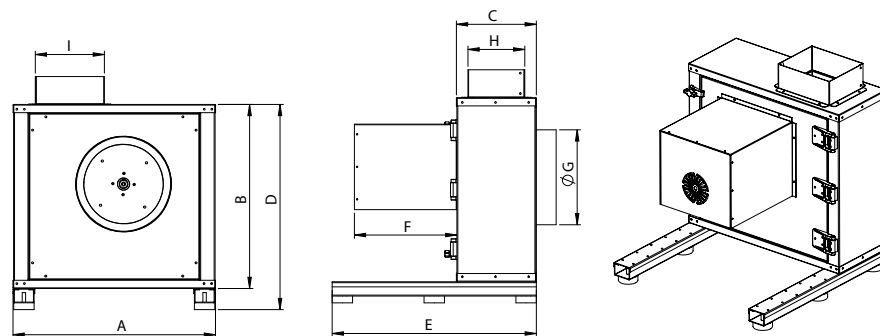
Speed Control

Optional control devices can be provided. 3 ~ phase products can be controlled with frequency inverter speed control. (see BSC-F accessory)

Usage Areas

It is able to carry air at higher temperatures due to the motor being out of airflow. It should be used with a filter in kitchens that do not contain oil particles. The kitchen can also be used for ambient air ventilation. In order to achieve long service life, fan blade cleaning should be considered.

Technical Drawing and Tables



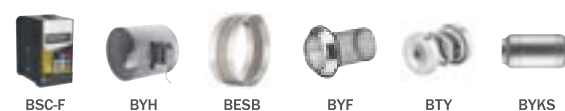
TYPE	A	B	C	D	E	F	G	H	I
BKEF-T 200	460	415	210	475	500	240	200	145	145
BKEF-T 225	495	460	210	520	500	240	210	145	165
BKEF-T 250	535	480	230	545	550	300	250	165	180
BKEF-T 280	595	540	235	605	600	300	280	170	205
BKEF-T 315	650	600	265	660	650	340	335	188	225
BKEF-T 355	730	660	310	820	650	405	340	210	256

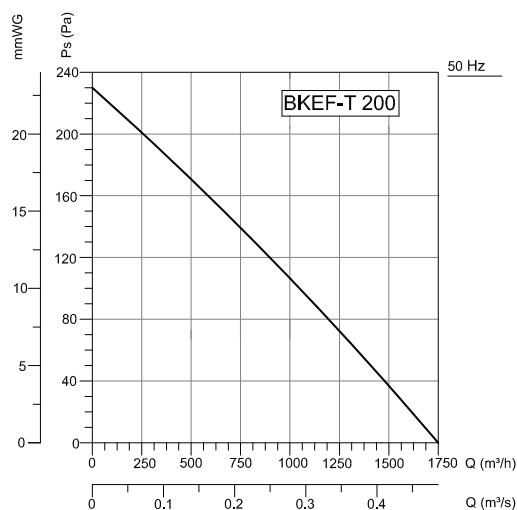
Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	CURRENT	CAPACITOR	SPEED	AIR FLOW	SOUND PRESSURE	INSULATION CLASS	PROTECTION CLASS	WEIGHT
	V	Hz	kW	(A)	(μF)	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg
BKEF-T 200M	230	50	0,55	4,5	20	1365	1750	40	F	55	40
BKEF-T 225M	230	50	0,75	4,6	30	1405	2250	42	F	55	43
BKEF-T 250M	230	50	1,5	9,3	50	1410	3500	45	F	55	52
BKEF-T 280M	230	50	1,5	9,3	50	1410	4200	48	F	55	63
BKEF-T 315M	230	50	3	19	60	1425	5000	50	F	55	78
BKEF-T 200T	380	50	0,55	1,6	-	1365	1750	40	F	55	40
BKEF-T 225T	380	50	0,75	2,1	-	1405	2250	42	F	55	43
BKEF-T 250T	380	50	1,5	3,5	-	1410	3500	45	F	55	52
BKEF-T 280T	380	50	1,5	3,5	-	1410	4200	48	F	55	63
BKEF-T 315T	380	50	3	6,9	-	1425	5000	50	F	55	78
BKEF-T 355T	380	50	3	6,9	-	960	6000	45	F	55	85

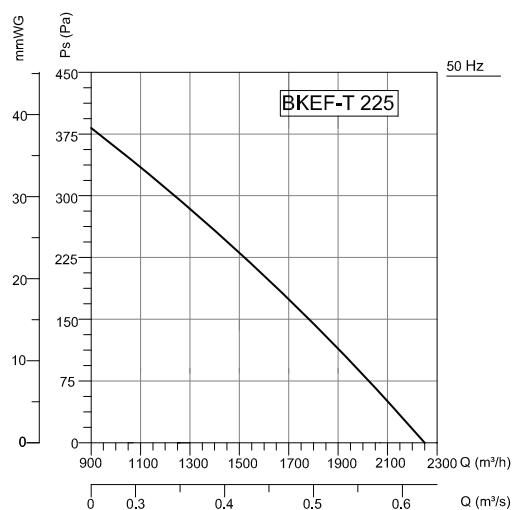
The sound level is measured at a distance of 4-10 m in open field condition.

Accessories

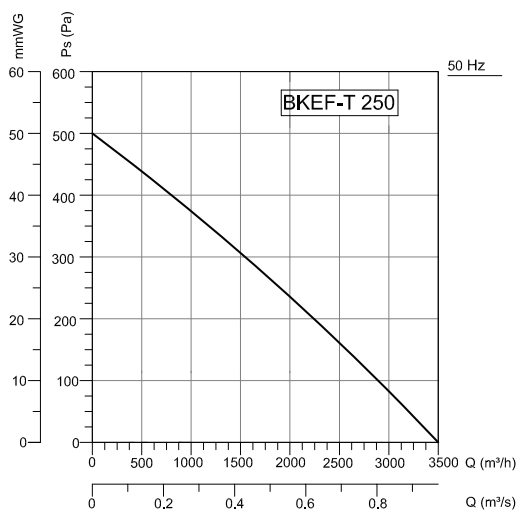




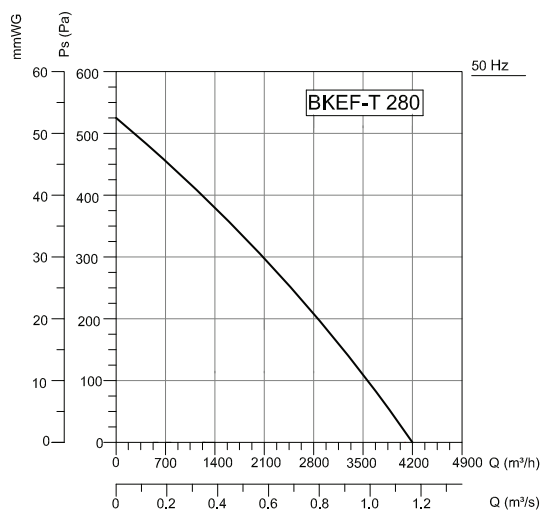
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	81	79	75	72	68	66	62	58	58	dB(A)
L_{WA} Outlet	83	81	77	74	70	68	64	60	60	dB(A)
L_{WA} Surrounding	63	61	57	54	50	48	44	40	40	dB(A)



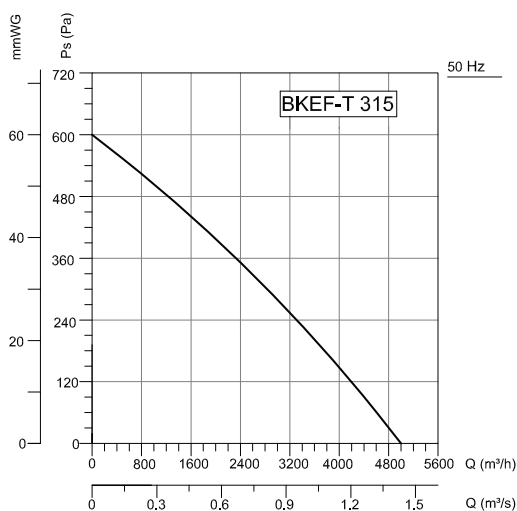
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	83	81	77	74	70	68	64	60	60	dB(A)
L_{WA} Outlet	85	83	79	76	72	70	66	62	62	dB(A)
L_{WA} Surrounding	65	63	59	56	52	50	46	42	42	dB(A)



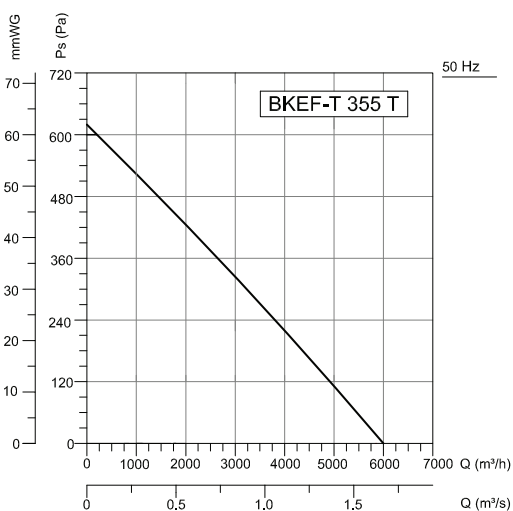
Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	89	84	86	75	73	72	68	64	64	dB(A)
L_{WA} Outlet	88	86	81	80	75	74	69	64	64	dB(A)
L_{WA} Surrounding	68	65	61	60	56	54	49	45	45	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	89	87	83	80	76	74	70	66	66	dB(A)
L_{WA} Outlet	91	89	85	82	78	76	72	68	68	dB(A)
L_{WA} Surrounding	71	69	65	62	58	56	52	46	46	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	91	89	85	82	78	76	72	68	68	dB(A)
L_{WA} Outlet	93	91	87	84	80	78	74	70	70	dB(A)
L_{WA} Surrounding	73	71	67	64	60	58	54	48	48	dB(A)



Frequency	Tot	63	125	250	500	1000	2000	4000	8000	Hz
L_{WA} Inlet	88	84	85	76	72	73	68	64	64	dB(A)
L_{WA} Outlet	87	85	80	79	74	73	68	63	63	dB(A)
L_{WA} Surrounding	68	65	61	60	56	54	49	45	45	dB(A)