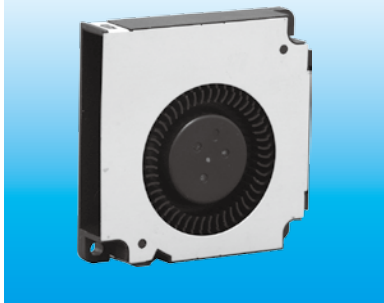




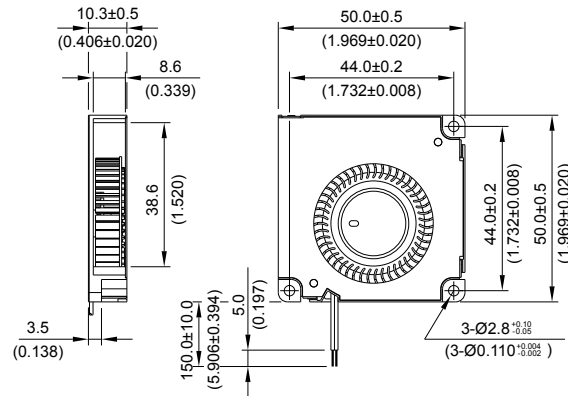
New



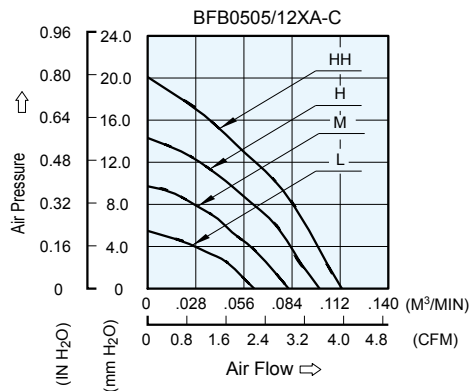
- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1571 AWG #28 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 22.5g (0.79 oz)

BFB 50 x 50 x 10 MM SERIES

■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



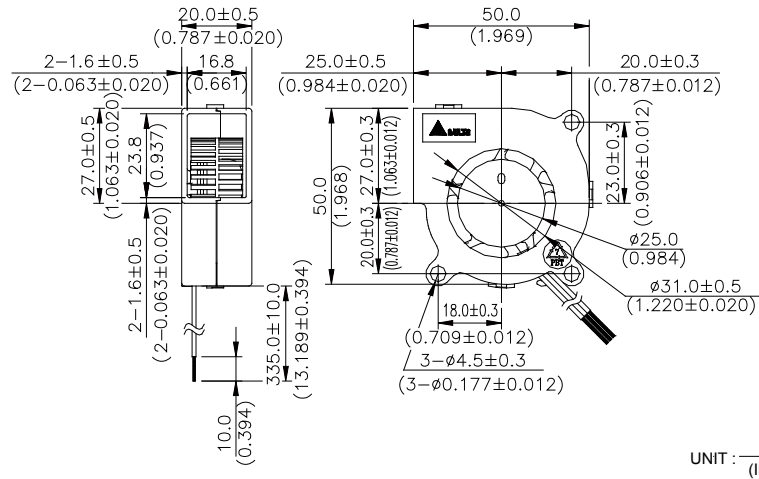
MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB0505LA	-C	-R00 / -F00	5	3.5 to 5.5	0.06	0.30	3500	0.062	2.18	5.48	0.208	22.5
BFB0512LA	-C	-R00 / -F00	12	7.0 to 13.2	0.05	0.60						
BFB0505MA	-C	-R00 / -F00	5	3.5 to 5.5	0.10	0.50	4300	0.082	2.89	9.72	0.383	28.0
BFB0512MA	-C	-R00 / -F00	12	7.0 to 13.2	0.07	0.84						
BFB0505HA	-C	-R00 / -F00	5	3.0 to 5.5	0.18	0.90	5100	0.100	3.53	14.31	0.563	32.5
BFB0512HA	-C	-R00 / -F00	12	5.0 to 13.2	0.12	1.44						
BFB0505HHA	-C	-R00 / -F00	5	3.0 to 5.5	0.26	1.30	5900	0.113	3.98	20.09	0.790	37.5
BFB0512HHA	-C	-R00 / -F00	12	5.0 to 13.2	0.16	1.92						

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



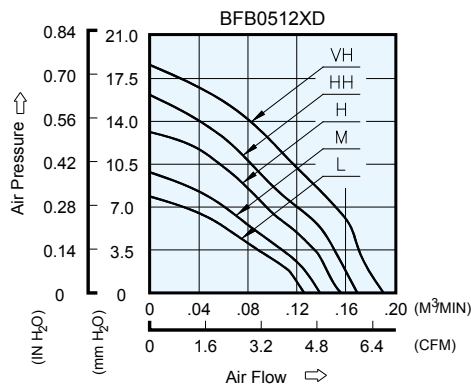
BFB 50 x 50 x 20 MM SERIES

■ DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1061 AWG #26 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 35g (1.23 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



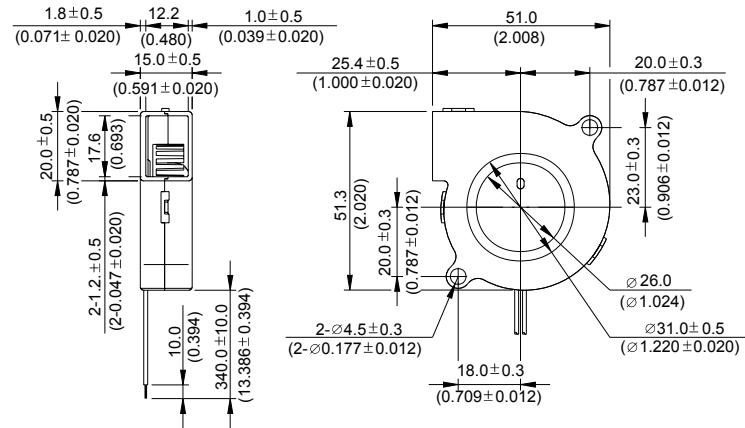
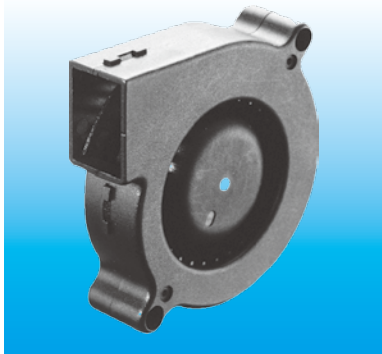
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB0512LD	-R00 / -F00	12	5.0 to 13.8	0.12	1.44	3700	0.126	4.45	7.85	0.309	28.0
BFB0512MD	-R00 / -F00	12	5.0 to 13.8	0.13	1.56	4100	0.139	4.91	9.82	0.387	31.0
BFB0512HD	-R00 / -F00	12	5.0 to 13.8	0.14	1.68	4500	0.156	5.51	13.12	0.517	33.8
BFB0512HHD	-R00 / -F00	12	5.0 to 13.8	0.16	1.92	4900	0.165	5.83	16.15	0.636	36.5
BFB0512VHD	-R00 / -F00	12	5.0 to 13.8	0.23	2.76	5300	0.191	6.75	18.60	0.732	38.5

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



BFB 51 x 51 x 15 MM SERIES

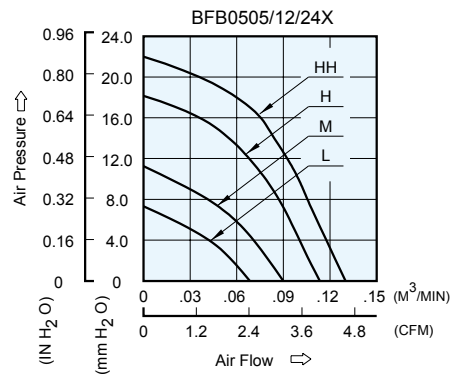
■ DIMENSIONS DRAWING



UNIT : $\frac{\text{mm}}{(\text{INCH})}$

- * Bearing Type
Ball Bearings
- * Material
Impeller & Pillow : Plastic (UL 94V-0)
- * Lead Wires :
UL 1061 AWG #26 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 28g (0.99 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB0505L	-R00/-F00	5	4.0 to 5.5	0.14	0.70	3500	0.070	2.47	7.00	0.276	26.5
BFB0512L	-R00/-F00	12	10.0 to 13.8	0.07	0.84						
BFB0524L	-R00/-F00	24	14.0 to 27.6	0.05	1.20						
BFB0505M	-R00/-F00	5	4.0 to 5.5	0.33	1.65	4500	0.090	3.18	11.00	0.433	32.5
BFB0512M	-R00/-F00	12	10.0 to 13.8	0.10	1.20						
BFB0524M	-R00/-F00	24	14.0 to 27.6	0.07	1.68						
BFB0512H	-R00/-F00	12	10.0 to 13.8	0.16	1.92	5500	0.110	3.88	18.00	0.709	38.0
BFB0524H	-R00/-F00	24	14.0 to 27.6	0.09	2.16						
BFB0512HH	-R00/-F00	12	10.0 to 13.8	0.21	2.52	6500	0.130	4.59	22.00	0.866	45.0
BFB0524HH	-R00/-F00	24	14.0 to 27.6	0.11	2.64						

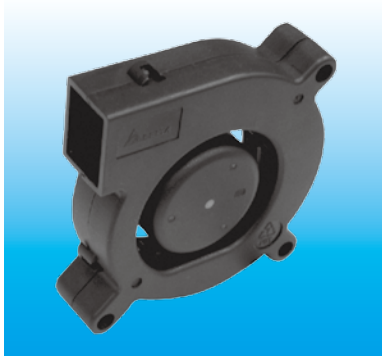
- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

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 URL:www.diamondelectronics.cn

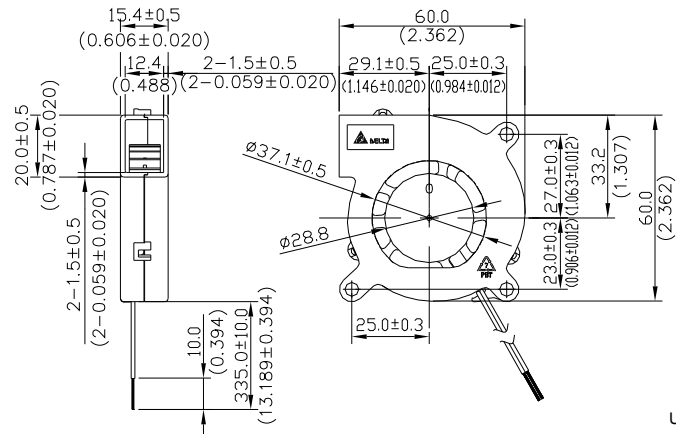


BFB 60 x 60 x 15 MM SERIES

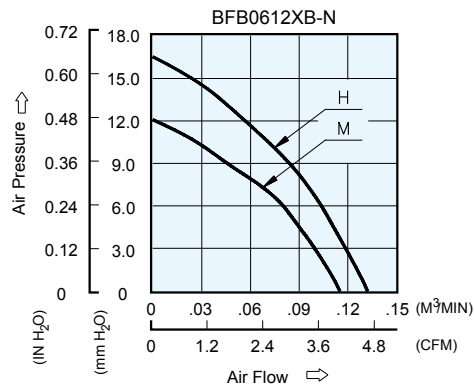
■ DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1430 AWG #26 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 45g (1.59 oz)



■ P & Q CURVE (AT RATED VOLTAGE)



MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB0612MB	-N	-R00 / -F00	12	5.5 to 13.8	0.15	1.80	4200	0.114	4.04	12.08	0.476	32.0
BFB0612HB	-N	-R00 / -F00	12	5.5 to 13.8	0.18	2.16	4800	0.132	4.67	16.53	0.651	37.0

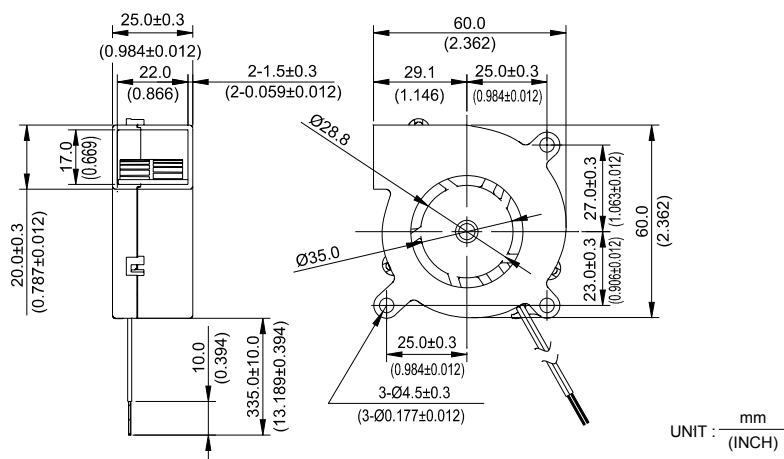
- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



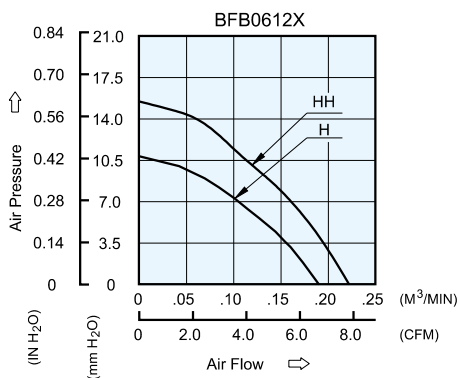
- * Bearing Type
- Ball Bearings
- * Material
- Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1430 AWG #26 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 51.0g (1.80 oz)

BFB 60 x 60 x 25 MM SERIES

■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB0612H	-R00 / -F00	12	5.0 to 13.8	0.18	2.16	3200	0.190	6.71	10.86	0.428	34.0
BFB0612HH	-R00 / -F00	12	5.0 to 13.8	0.24	2.88	3700	0.223	7.88	15.49	0.610	39.0

* Function type is optional.

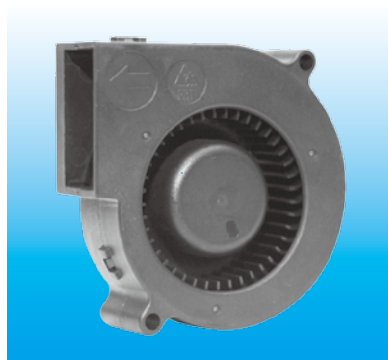
* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.

* Noise is measured in anechoic chamber in free air, one meter from intake side.

* All readings are typical values at rated voltage.

* Specifications are subject to change without notice.

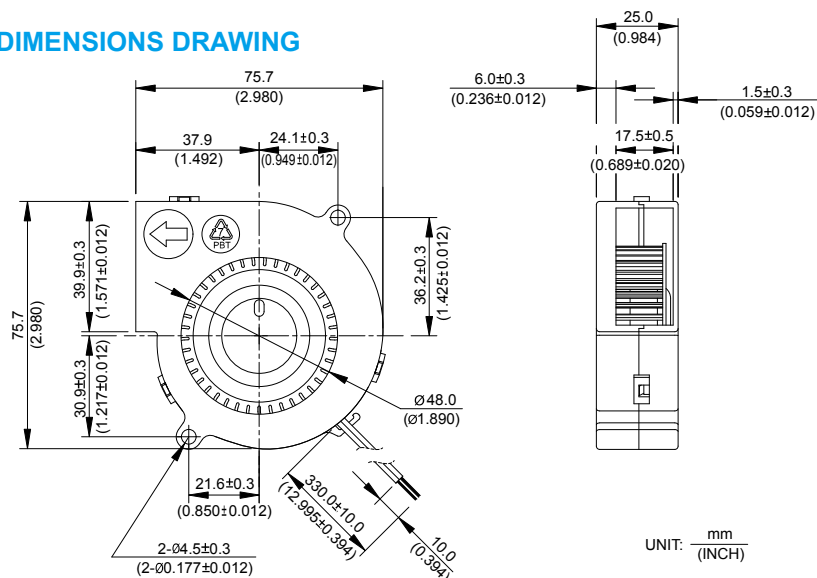
Mobile:18020207746
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URL:www.diamondelectronics.cn



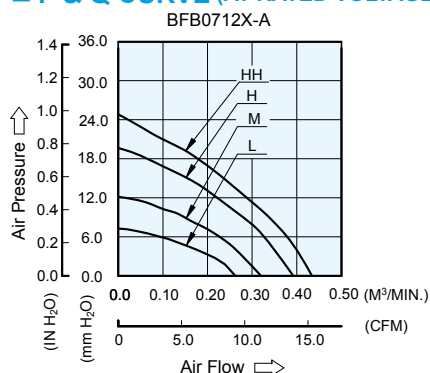
- * Bearing Type
- Ball Bearings
- * Material
- Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 90.0g (3.17 oz)

BFB 75 x 75 x 25 MM SERIES

■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m³ /min	CFM	mmH₂O	IN H₂O	dB-A
BFB0712L	-A	-F00	12	7.0 to 13.8	0.10	1.20	2800	0.262	9.26	7.26	0.286	39.0
BFB0712M	-A	-F00	12	7.0 to 13.8	0.16	1.92	3400	0.320	11.31	12.14	0.478	43.0
BFB0712H	-A	-F00	12	7.0 to 13.8	0.27	3.24	4000	0.392	13.84	19.64	0.773	48.0
BFB0712HH	-A	F00	12	5.5 to 13.8	0.34	4.08	4400	0.434	15.33	24.82	0.977	51.0

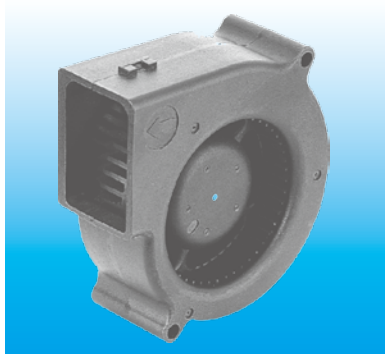
* Function type is optional.

* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.

* Noise is measured in anechoic chamber in free air, one meter from intake side.

* All readings are typical values at rated voltage.

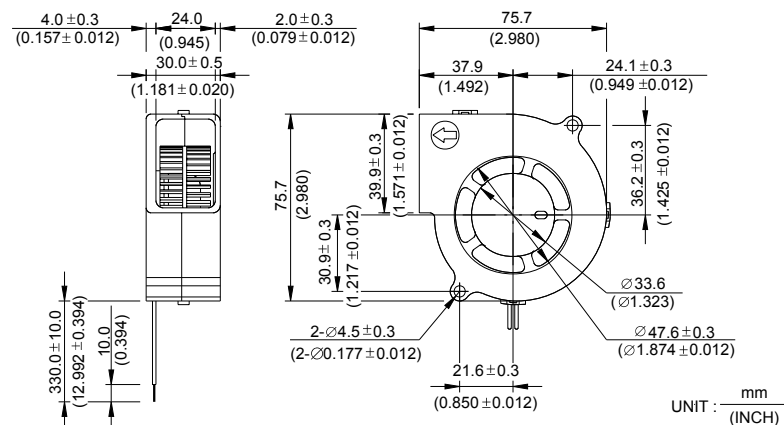
* Specifications are subject to change without notice.



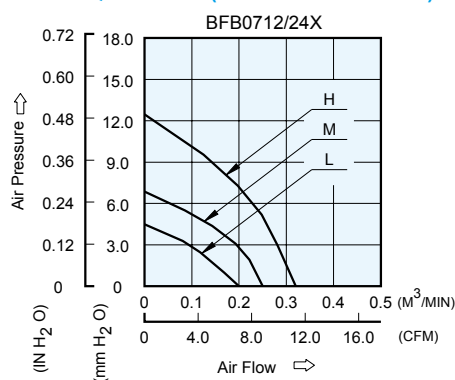
- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 95g (3.35 oz)

BFB 75 x 75 x 30 MM SERIES

■ DIMENSIONS DRAWING



■ P & Q CURVE (AT RATED VOLTAGE)



MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m³ / min	CFM	mmH₂O	IN H₂O	dB-A
BFB0712L	-R00 / -F00	12	7.0 to 13.8	0.06	0.72	1900	0.198	7.00	4.00	0.157	26.0
BFB0724L	-R00 / -F00	24	14.0 to 27.6	0.05	1.20						
BFB0712M	-R00 / -F00	12	7.0 to 13.8	0.13	1.56	2350	0.255	9.00	6.80	0.268	32.0
BFB0724M	-R00 / -F00	24	14.0 to 27.6	0.07	1.68						
BFB0712H	-R00 / -F00	12	7.0 to 13.8	0.22	2.64	2900	0.320	11.30	12.20	0.480	38.0
BFB0724H	-R00 / -F00	24	14.0 to 27.6	0.12	2.88						

* Function type is optional.

* The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.

* Noise is measured in anechoic chamber in free air, one meter from intake side.

* All readings are typical values at rated voltage.

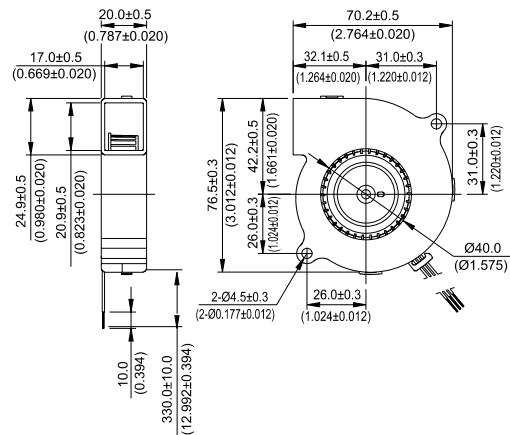
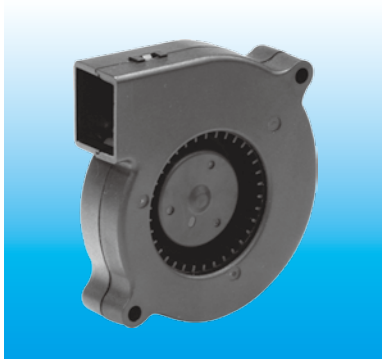
* Specifications are subject to change without notice.

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BFB 76 x 70 x 20 MM SERIES

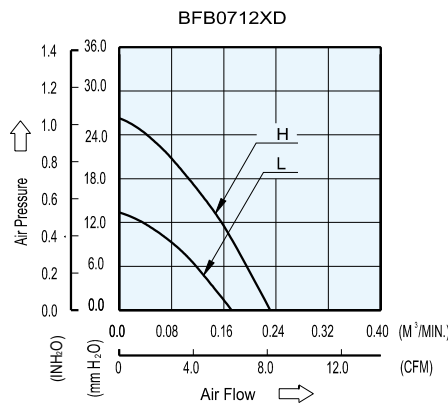
■ DIMENSIONS DRAWING



UNIT : $\frac{\text{mm}}{(\text{INCH})}$

- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 58g (2.05 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



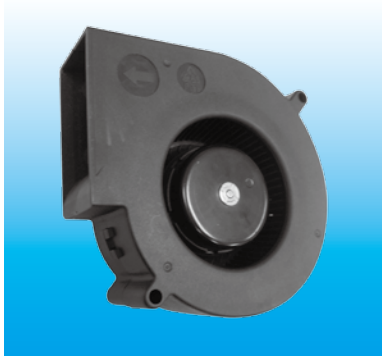
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB0712LD	-R00 / -F00	12	7.0 to 13.8	0.13	1.56	2800	0.172	6.07	13.36	0.562	32.5
BFB0712HD	-R00 / -F00	12	7.0 to 13.8	0.31	3.72	4000	0.231	8.52	26.27	1.034	42.0

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

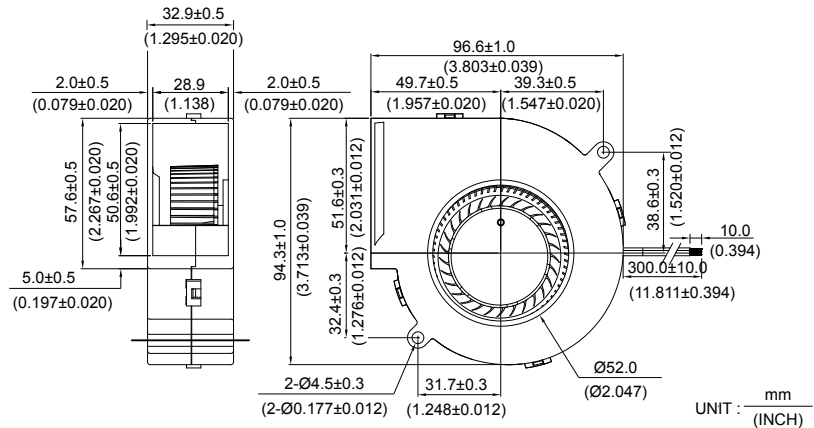


BFB 97 x 94 x 33 MM SERIES

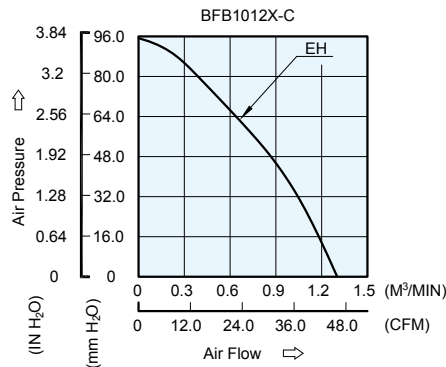
■ DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 180g (6.35 oz)



■ P & Q CURVE (AT RATED VOLTAGE)



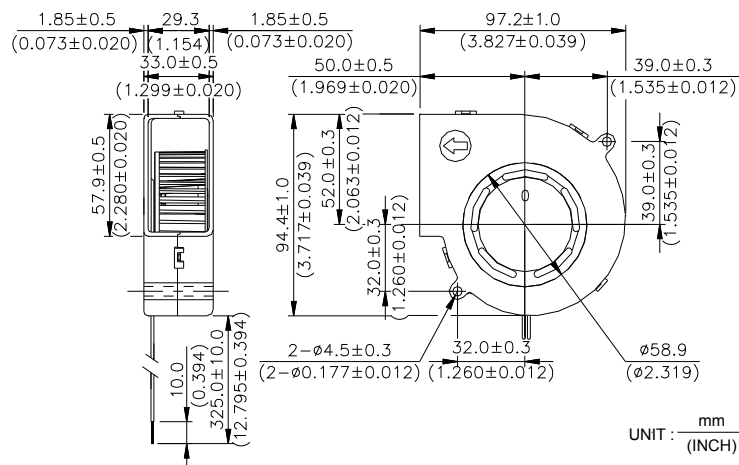
MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1012EH	-C	-R00/-F00	12	7.0 to 12.6	1.97	23.64	5800	1.288	45.49	93.83	3.694	62.0

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



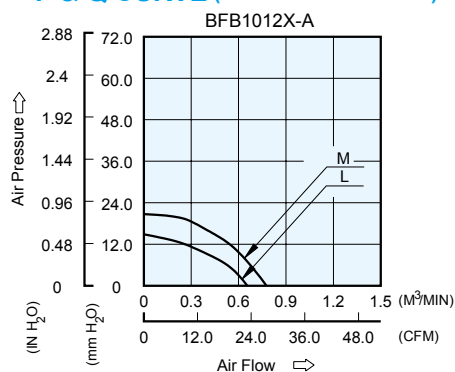
BFB 97 x 94 x 33 MM SERIES

■ DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 166g (5.85 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1012L	-A	R00/F00	12	4.0 to 13.2	0.37	4.44	2700	0.656	23.17	14.85	0.585	49.5
BFB1012M	-A	R00/F00	12	4.0 to 13.2	0.55	6.60	3200	0.777	27.44	22.68	0.893	52.5

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

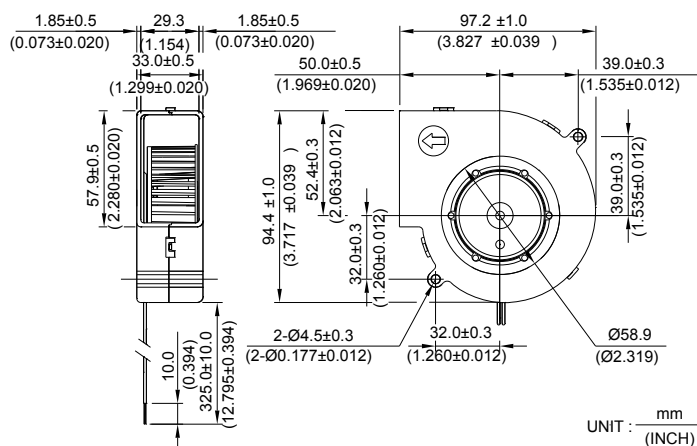


BFB 97 x 94 x 33 MM SERIES

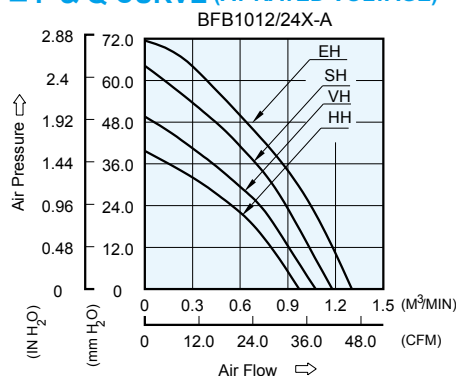
■ DIMENSIONS DRAWING



- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 180g (6.35 oz)



■ P & Q CURVE (AT RATED VOLTAGE)



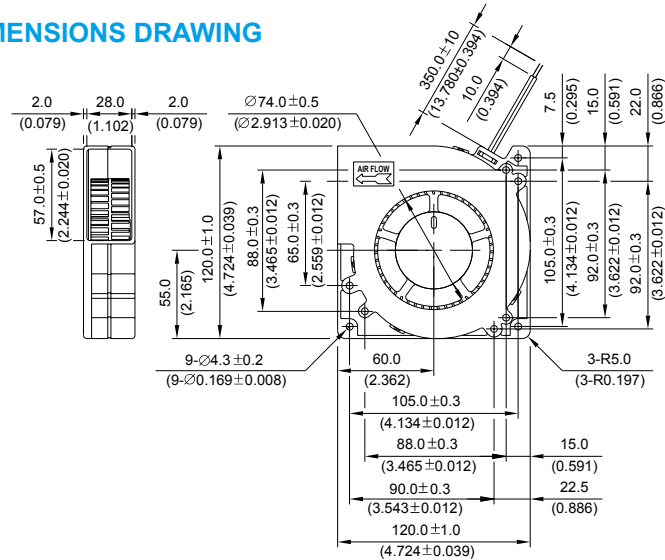
MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1012HH	-A	R00/F00	12	7.0 to 13.2	1.25	15.00	4000	0.971	34.28	39.70	1.564	57.0
BFB1012VH	-A	R00/F00	12	7.0 to 13.2	1.50	18.00	4500	1.075	37.97	49.58	1.952	60.0
BFB1012SH	-A	R00/F00	12	7.0 to 12.6	2.00	24.00	5000	1.179	41.65	64.23	2.529	63.0
BFB1012EH	-A	R00/F00	12	7.0 to 12.6	2.45	29.40	5300	1.302	46.00	71.48	2.814	64.0

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



BFB 120 x 120 x 32 MM SERIES

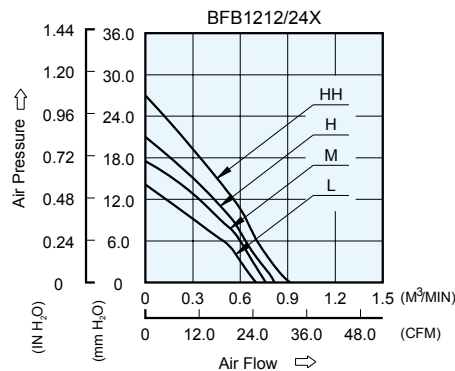
DIMENSIONS DRAWING



UNIT : $\frac{\text{mm}}{(\text{INCH})}$

- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 230g (8.11 oz)

P & Q CURVE (AT RATED VOLTAGE)



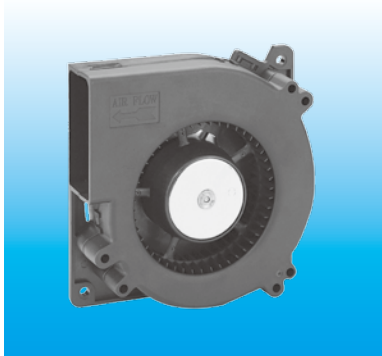
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1212L	-R00 / -F00	12	4.0 to 13.8	0.40	4.80	2100	0.699	24.70	14.00	0.551	47.0
BFB1224L	-R00 / -F00	24	7.0 to 27.6	0.24	5.76						
BFB1212M	-R00 / -F00	12	4.0 to 13.8	0.58	6.96	2300	0.760	26.85	17.50	0.689	48.5
BFB1224M	-R00 / -F00	24	7.0 to 27.6	0.28	6.72						
BFB1212H	-R00 / -F00	12	4.0 to 13.8	0.82	9.84	2500	0.821	29.00	21.00	0.827	51.0
BFB1224H	-R00 / -F00	24	7.0 to 27.6	0.35	8.40						
BFB1212HH	-R00 / -F00	12	4.0 to 13.8	1.10	13.20	2800	0.920	32.49	27.00	1.063	54.0

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

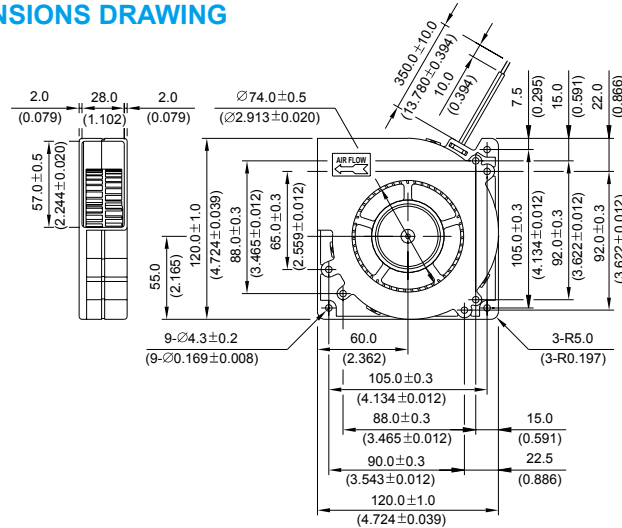


BFB 120 x 120 x 32 MM SERIES

DIMENSIONS DRAWING

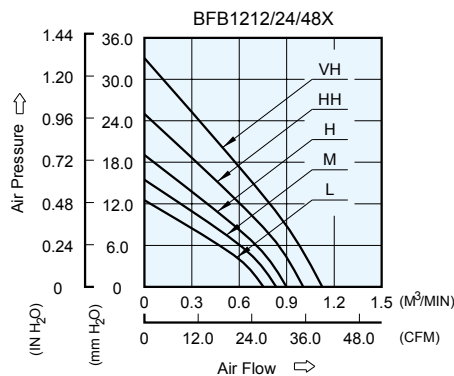


- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 230g (8.11 oz)



UNIT : $\frac{\text{mm}}{(\text{INCH})}$

P & Q CURVE (AT RATED VOLTAGE)



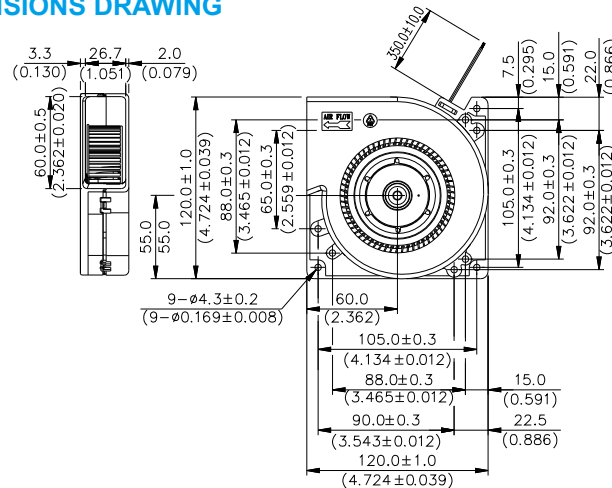
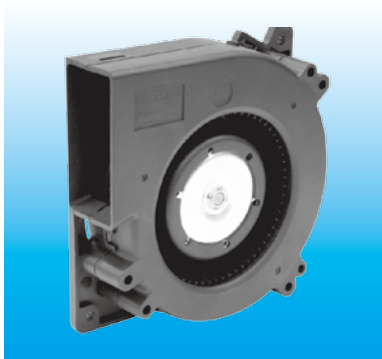
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1248L	-R00 / -F00	48	28.0 to 56.0	0.09	4.32	2100	0.750	26.49	12.50	0.492	47.0
BFB1248M	-R00 / -F00	48	28.0 to 56.0	0.12	5.76	2300	0.830	29.31	15.50	0.610	48.5
BFB1248H	-R00 / -F00	48	28.0 to 56.0	0.15	7.20	2500	0.890	31.43	19.00	0.748	51.0
BFB1224HH	-R00 / -F00	24	7.0 to 27.6	0.54	12.96	2800	1.000	35.31	25.00	0.984	54.0
BFB1248HH	-R00 / -F00	48	28.0 to 56.0	0.22	10.56						
BFB1212VH	-R00 / -F00	12	4.0 to 13.8	1.25	15.00	3100	1.120	39.55	33.00	1.299	56.5
BFB1224VH	-R00 / -F00	24	7.0 to 27.6	0.60	14.40						

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



BFB 120 x 120 x 32 MM SERIES

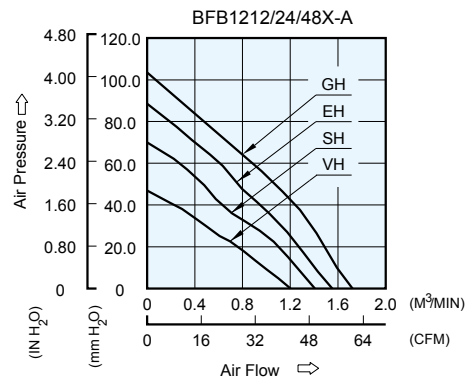
■ DIMENSIONS DRAWING



UNIT : $\frac{\text{mm}}{(\text{INCH})}$

- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1430 AWG #22 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 295.0g (10.40 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



MODEL			Rated Voltage	Operating Voltage Range	Input Current	Input Power	S peed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	REV.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1212VH	-A	R00 / F00	12	5.5 to 13.8	1.47	17.64	3100	1.203	42.47	46.94	1.848	57.0
BFB1224VH	-A	R00 / F00	24	14.0 to 27.6	0.70	16.80						
BFB1248VH	-A	R00 / F00	48	24.0 to 56.0	0.37	17.39						
BFB1212SH	-A	R00 / F00	12	5.5 to 13.0	1.75	21.00	3600	1.406	49.67	69.95	2.754	59.5
BFB1224SH	-A	R00 / F00	24	14.0 to 27.6	0.90	21.60						
BFB1248SH	-A	R00 / F00	48	24.0 to 56.0	0.49	23.52						
BFB1212EH	-A	R00 / F00	12	5.5 to 13.0	2.37	28.44	4000	1.553	54.85	88.51	3.485	62.0
BFB1224EH	-A	R00 / F00	24	14.0 to 27.6	1.12	26.88						
BFB1248EH	-A	R00 / F00	48	24.0 to 56.0	0.61	29.28						
BFB1212GH	-A	R00 / F00	12	5.5 to 13.2	3.30	39.60	4400	1.710	60.39	104.00	4.094	65.0
BFB1224GH	-A	R00 / F00	24	14.0 to 27.6	1.60	38.40						
BFB1248GH	-A	R00 / F00	48	24.0 to 53.0	0.80	38.40						

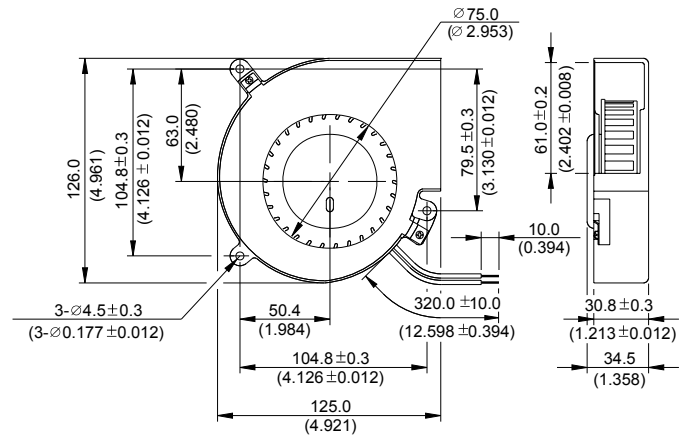
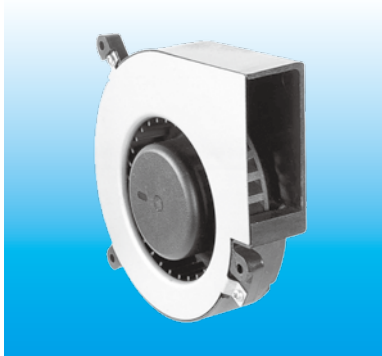
- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

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Email: danny@diamondelectronics.cn
URL: www.diamondelectronics.cn



BFB 125 x 126 x 34 MM SERIES

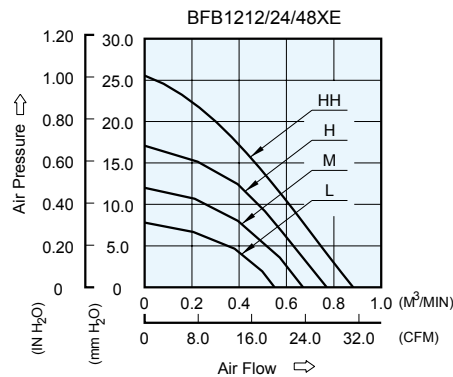
■ DIMENSIONS DRAWING



UNIT : $\frac{\text{mm}}{(\text{INCH})}$

- * Bearing Type
Ball Bearings
- * Material
Impeller : Plastic (UL 94V-0)
Frame: Plastic (UL 94V-0) & SECC
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 325g (11.46 oz)

■ P & Q CURVE (AT RATED VOLTAGE)



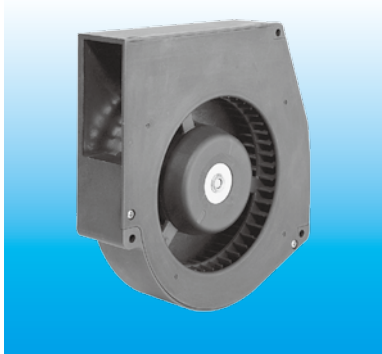
MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1212LE	-R00 / -F00	12	7.0 to 13.8	0.24	2.88	1700	0.550	19.42	7.77	0.306	42.0
BFB1224LE	-R00 / -F00	24	14.0 to 27.6	0.13	3.12						
BFB1248LE	-R00 / -F00	48	38.0 to 56.0	0.08	3.84						
BFB1212ME	-R00 / -F00	12	7.0 to 13.8	0.42	5.04	2000	0.670	23.66	12.00	0.472	46.0
BFB1224ME	-R00 / -F00	24	14.0 to 27.6	0.23	5.52						
BFB1248ME	-R00 / -F00	48	38.0 to 56.0	0.12	5.76						
BFB1212HE	-R00 / -F00	12	7.0 to 13.8	0.68	8.16	2300	0.770	27.19	17.80	0.701	51.5
BFB1224HE	-R00 / -F00	24	14.0 to 27.6	0.34	8.16						
BFB1248HE	-R00 / -F00	48	38.0 to 56.0	0.17	8.16						
BFB1212HHE	-R00 / -F00	12	7.0 to 13.8	1.06	12.70	2650	0.870	30.72	25.20	0.992	55.0
BFB1224HHE	-R00 / -F00	24	14.0 to 27.6	0.60	14.40						

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

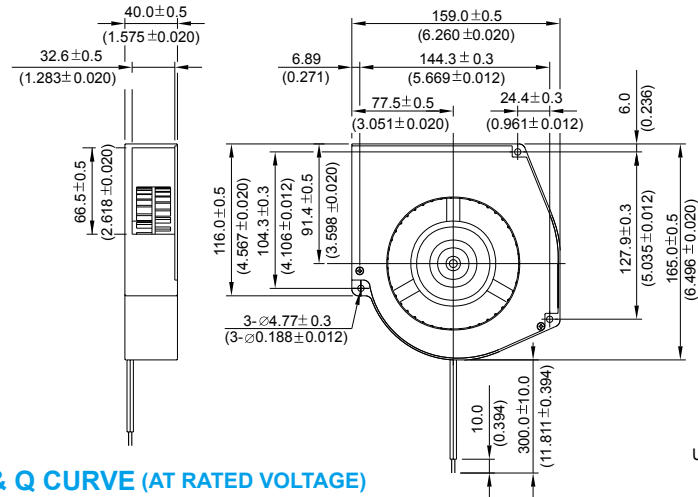


BFB 159 x 165 x 40 MM SERIES

■ DIMENSIONS DRAWING

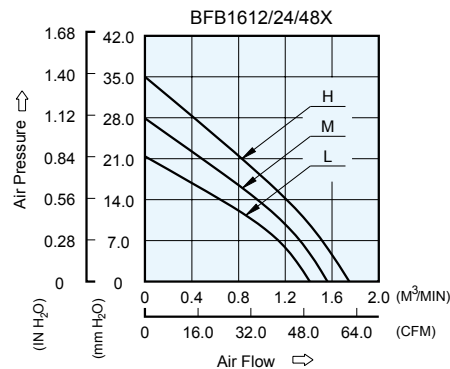


- * Bearing Type
Ball Bearings
- * Material
Impeller & Frame : Plastic (UL 94V-0)
- * Lead Wires :
UL 1007 AWG #24 OR Equivalent
Red Wire Positive(+)
Black Wire Negative(-)
- * Weight : 588g (20.74 oz)



UNIT : $\frac{\text{mm}}{\text{(INCH)}}$

■ P & Q CURVE (AT RATED VOLTAGE)



MODEL		Rated Voltage	Operating Voltage Range	Input Current	Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
BFB1612L	-R00 / -F00	12	7.0 to 13.2	0.80	9.60	1800	1.410	49.79	21.50	0.846	51.5
BFB1624L	-R00 / -F00	24	14.0 to 26.4	0.40	9.60						
BFB1648L	-R00 / -F00	48	28.0 to 56.0	0.22	10.56						
BFB1612M	-R00 / -F00	12	7.0 to 13.2	1.10	13.20	2000	1.560	55.09	28.00	1.102	54.5
BFB1624M	-R00 / -F00	24	14.0 to 26.4	0.56	13.44						
BFB1648M	-R00 / -F00	48	28.0 to 56.0	0.28	13.44						
BFB1612H	-R00 / -F00	12	7.0 to 13.2	1.43	17.16	2200	1.750	61.80	35.00	1.378	56.5
BFB1624H	-R00 / -F00	24	14.0 to 26.4	0.74	17.16						

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.