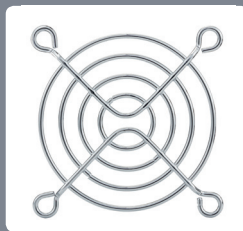
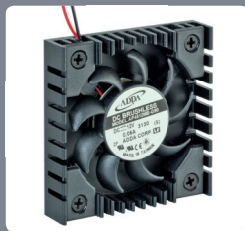
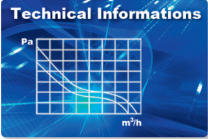









## Product View



[www.sepa-europe.com](http://www.sepa-europe.com)



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**From the Black Forest Engineering Office to the European Solution Provider**

Since the foundation of the company in 1990, Heinrich Cap has placed great emphasis on high quality products and solutions in the electronics cooling sector. Thanks to this philosophy, the former Engineering Office with headquarter in St. Georgen grew to become a company whose expanding presence in Austria, France, Switzerland and other European countries is also underlined by its name. It became **SEPA EUROPE GmbH** in 1999.

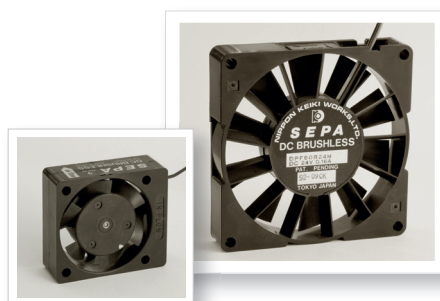
With his marketing know-how in the electromechanical sector, he is now responsible for the business operations of **SEPA EUROPE GmbH** and its constant growth. Due to the rapidly growing demand for fans and accessories, it was vital to acquire further partners. Excellent contacts to well-known manufacturers in Japan, China, Taiwan and Korea contribute to the success story of the company as does the regular exchange of experience with customers and suppliers alike.

The longstanding contacts to Japan and the many years of experience of the founder in the development of electric motors as well as the extensive delivery program of fans and accessories, the spacious storage facilities and the expert advice have always been the basis for both customer confidence and satisfaction.

Meanwhile based in Freiburg, Robert Cap, the son of the founder joined the company in 2004 and was appointed as second Managing Director in 2011.



It is therefore not surprising that **SEPA EUROPE** has become a much sought-after partner for fans and accessories and associated services.





The name for superior product quality

**SEPA EUROPE GmbH** – the name stands for superior product quality. SEPA EUROPE however is more than just a trading company for components required in the cooling of electronics. The success of the family business of almost 25 years is based on a very special corporate philosophy and common values that govern the day-to-day activities of our partners throughout the world.

**Customer proximity**

The long-term, cooperative and successful partnership is our ultimate objective and is the basis that we work on. With long years of experience and know-how, our most important task is to anticipate the requirements and expectations of our customers and to act accordingly. We guarantee our customers individual and efficient supervision of their projects by our highly qualified staff. Our customers benefit from our quality awareness and our delivery reliability.

**Staff**

Our staff shows a high sense of responsibility towards our customers and colleagues. An attractive working environment and an open dialog are examples of our corporate responsibility towards our staff. The low fluctuation of our employees is a sign of high staff satisfaction.

**Responsibility**

We feel a responsibility not only towards our employees and customers but also to our environment. Furthermore, we feel obliged to cooperate only with partners, whose ethical objectives correspond as closely as possible with ours. Regular audits of our Asian partners are an integral part of our cooperation.

**Targets**

As a Europe-wide acting company, we have a particularly strong market position in Germany and Austria. We are also represented in several European countries and are currently expanding strongly. We also offer our customers project support when production is outsourced from Europe to other countries. Yet another reason why we will be forging closer links in future with our partners in Asia.



## Fan options



### Bearing systems in fans

#### Ball bearings ☉

The standard bearing system with two ball bearings for AC and DC fans with an extremely wide temperature and speed range is highly reliable. Depending on the construction the fan can be installed in virtually any position.

#### Hypro bearings ●

Hypro bearings are an inexpensive advancement of sintered bearings systems with higher reliability and are suitable for normal temperature ranges. The magnetic positioning of the rotor allows operation regardless of position.

#### Sintered sleeve bearings ※

Sintered sleeve bearing systems are an inexpensive alternative to ball bearing or hypro bearings systems, when the requirements with regard to temperature range and service life are minimal. The magnetic positioning of the rotor allows operation in any position.



### Speed monitoring/Tacho output

The fan electronics provide a speed-dependant signal that is similar to a square wave signal via an additional wire. The signal can be used for monitoring in general or for specifically monitoring the speed.

The connection of this monitoring output is usually in the form of an „Open Collector Output“ with a pull-up resistor connected to the supply voltage.

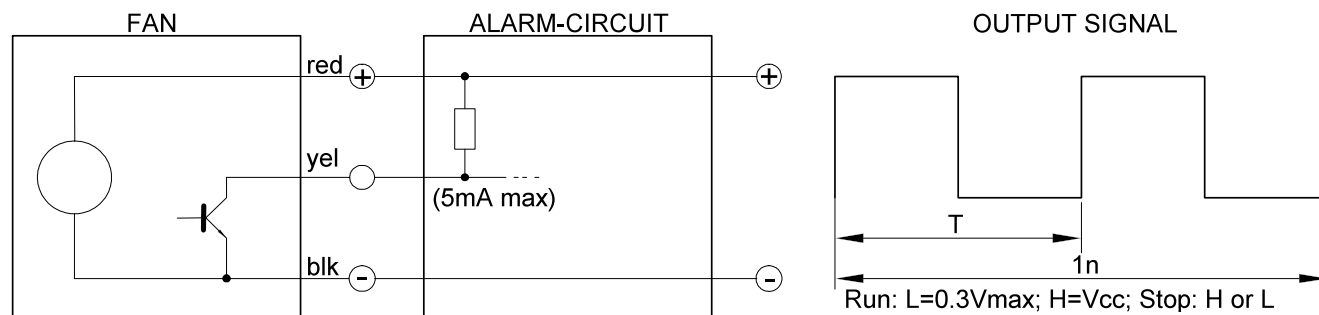


Fig.: Standard circuit of the tacho output.

Individual fans have a so-called line driver output. In this case the pull-up resistor is integrated in the electronics. These are described in detail in the data sheet. A standard pull-up circuit is also possible.



### PWM input/speed control

The speed of the fan can be selectively controlled via a PWM signal. This option is switched via its own wire at the fan.

**Fan options**



**Humidity protection/„IP protection“**

Most fans can be supplied with a protection against humidity and splashing water either in the form of a coating or fully encapsulated.

**IP protection classes**

The letters IP stand for International Protection or Ingress Protection and are followed by max. 4 further digits:

Digit 1: Protection against accidental contact/solid foreign bodies

Digit 2: Protection against water

Digit 3: Additional protection against accidental contact

Digit 4: Further letters

(The digits 3 and 4 are not compulsory)

Should the digits 1 or 2 not be of importance, they are usually replaced by „X“.

First code digit	Protection against ingress of objects	Second code digit	Protection against water
0	No protection	0	No protection
1	Protection against objects with a diameter of >50 mm	1	Protection against vertically dripping water
2	Protection against objects with a diameter of >12.5 mm	2	Protection against dripping water, max. 15° from the side
3	Protection against objects with a diameter of >2,5 mm	3	Protection against spraying water, max. 60° from the side
4	Protection against objects with a diameter of >1 mm	4	Protection against spraying water
5	Protection against dust	5	Protection against low pressure jetting water
6	Dust tight protection	6	Protection against high pressure jetting water
		7	Protection against temporary immersion
		8	Protection against powerful water jets, e.g. high-pressure cleaner



**Temperature sensor/Temperature-dependant control**

A speed control that depends on the ambient air temperature is possible for DC fans. Some DC fans in our delivery program can be equipped with an internal temperature sensor and virtually all of them with an external temperature sensor that is also available in our delivery program.



**Fan options**



**Service life L10 and MTBF**

The MTBF or also the L10 figures describe the service life probability/service life of a fan. The term MTBF stands for **Mean Time Between Failures** (the mean time between two failures). This value is difficult to identify as the repair of the fan itself is hardly likely and thus the time between two repairs shall be regarded rather more as a theoretical aspect.

The service life figure L10 is the statistical service life with 90% survival probability of all test specimens. It is often referred to as the „realistic“ service life of a fan. The service life depends on the type of bearing being used, the type of grease or oil and of course on the ambient conditions, e.g. temperature, dust and aggressive media.

The SEPA service life figures refer to a 30% speed reduction and not to the complete failure of a fan.



**Noise/Noise measurement**

Both noise measurement and service life must be explained to be understood.

Measurement is a standard procedure that takes place in a noise measurement chamber. For this purpose, the fan is suspended from rubber ropes and measured at a defined distance of one meter to the fan hub (air intake side). The corresponding standard is ISO 7779.

The values can be used for orientation purposes, however do not represent the actual noise emitted when installed in the respective application. Significant influential factors, e.g. type of installation, housing construction, housing material, dynamic pressure and unfavourable flow conditions are disregarded during measurement, yet they have a considerable influence on the noise of the fan in the respective application.



**Conversion table max. flow rate**

Air volume that a fan can convey when operating at nominal voltage and at an ambient temperature of 20°C, with a pressure of 0 (free air).

m <sup>3</sup> /h	l/min	CFM
1	16.67	0.59
0.06	1	0.0353
1.7	28.32	1

**Max. Pressure**

Maximum pressure that a fan can build up when operating at nominal voltage and at an ambient temperature of 20°C, with a flow rate of 0.

Pa	mm H2O	in H2O
1	0.102	4.01*10 <sup>-3</sup>
9.81	1	39.4*10 <sup>-3</sup>
249	25.4	1

**Note**

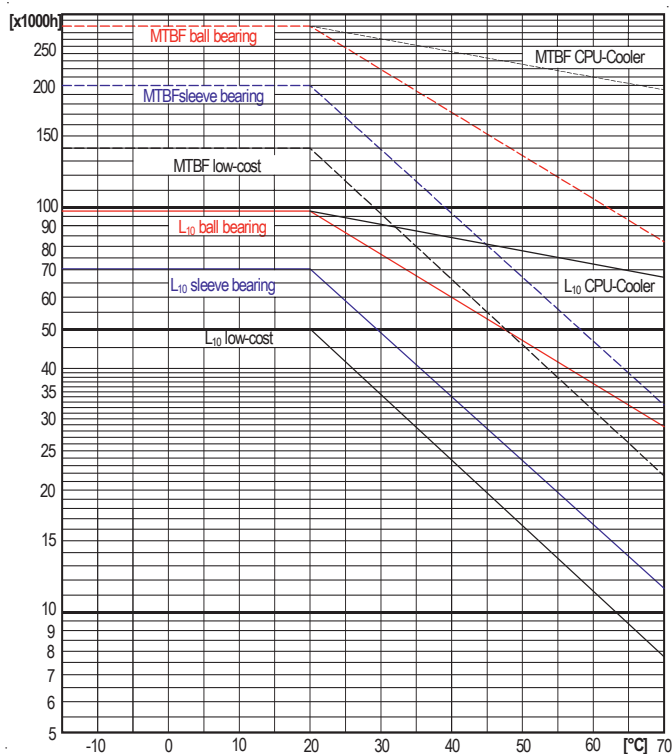
Both key parameters, max. flow rate and max. static pressure only provide an incomplete description of a fan as under normal conditions of use neither pressure nor flow rate are „0“ and the curve between both key parameters is not linear.

Fan options



**Influence of the temperature on MTBF and service life**

The reference temperature of fans is the temperature of the conveyed air. The end of the service life is defined when the noise limit data are exceeded or when the initial speed drops by  $\geq 30\%$ . Unfavourable environmental conditions, chemical or mechanical air contamination or strong vibrations can unfavourably influence the service life.



**SEPA Ecofans**

The Ecofan is a further development of the renowned sleeve bearing fan. The significant advantages of the new fans are the light weight (material-saving), the favourable price, low current consumption (approx. 30%) and a wide operating temperature range.

A notable feature are the optimized rotor blades. Thanks to improved production technology, it was possible to reduce the thickness of the rotor blades by more than half. The blades have less air resistance, cause less noise and require less power. The improved blade geometry makes the Ecofans more rigid. The new technology reliably prevents oil from leaking out of the bearing. The bearing is in the form of a double sintered bearing (one piece) with extremely high alignment accuracy. The operating temperature range was extended to  $-30 \dots +85^{\circ}\text{C}$  by using a new lubricant. The magnetic positioning (MAGFIX) that has been tried and tested over many years and which guarantees position-independent operation under ideal conditions was optimized. The electronically commutated motor achieves an outstanding efficiency coefficient thanks to state-of-the-art semiconductors.



**KAKU ADC/EC fans**

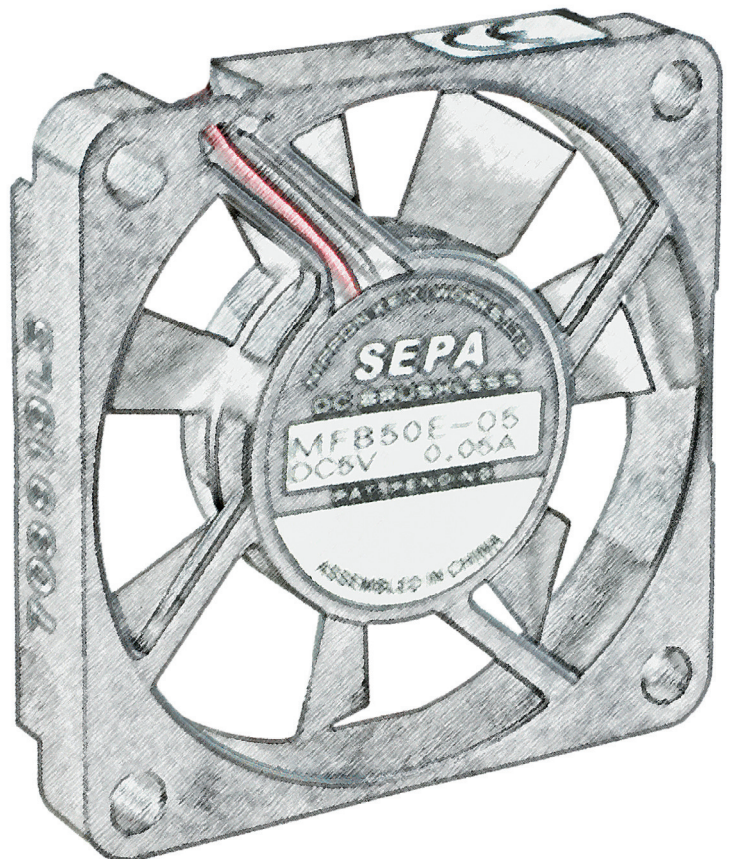
The ADC/EC fans are more efficient than conventional AC fans. Energy-saving is approx. 65% compared to standard AC fans.







## DC Axial Fans



## 15x15x4.5 mm up to 25x25x10 mm

**DC axial fans** with electronic commutation are the core module of the SEPA delivery program. With its high flow rate and low power consumption, this type of fan is predestined for modern cooling solutions in all electronic devices that provide a direct voltage source. The many different versions give the developer greater flexibility in the selection of the fan. He can use different sizes for a given flow rate and rely on useful options, e.g. tachometer signal

or protection against humidity. Models with extended temperature range are also available. We will be pleased to assist you in making the right choice for your specific requirements.

Visit our website at [www.sepa-europe.com/en/fans/axial-dc](http://www.sepa-europe.com/en/fans/axial-dc) or contact us directly!



○ = Ball bearing    ※ = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>15x15 mm</b>								
15x15x4,5	MF_15B05	SEPA	※	5	0,06	0,72	15,70	12
15x15x6	AD1505HX-K90(X)	ADDA	●	5	0,038	0,34	16,19	24,3
15x15x6	AD1505LX-K90(X)	ADDA	●	5	0,035	0,17	4,48	10
15x15x6	AD1505MX-K90(X)	ADDA	●	5	0,04	0,27	7,47	12
15x15x8	MF_15A05	SEPA	※	5	0,08	0,60	15,00	8
<b>17x17 mm</b>								
17x17x8	MF_17A05	SEPA	※	5	0,06	0,72	12,00	7
17x17x8	MF_17A05H	SEPA	※	5	0,1	1,00	19,00	11
<b>20x20 mm</b>								
20x20x6,5	MF_20C05L	SEPA	※	5	0,08	1,30	11,00	11
20x20x6,5	MF_20C05	SEPA	※	5	0,1	2,20	18,00	18
20x20x6	AD2005LX-K70(X)	ADDA	●	5	0,096	0,85	12,45	20
20x20x10	AD2005LB-G70(T)	ADDA	○●	5	0,06	0,85	9,96	15
20x20x10	AD2005MB-G70(T)	ADDA	○●	5	0,093	1,02	14,94	22
20x20x10	AD2012LB-G70	ADDA	○●	12	0,042	0,85	9,96	15
20x20x10	AD2012MB-G70	ADDA	○●	12	0,05	1,02	14,94	22
20x20x10	AG02005HX107100	ADDA	●	5	0,15	3,67	94,87	29,4
20x20x10	AG02005LX107100	ADDA	●	5	0,078	2,55	52,29	26
20x20x10	AG02005MX107100	ADDA	●	5	0,09	3,06	62,25	23
<b>25x25 mm</b>								
25x25x6	AD0205DX-K50(X)	ADDA	●	5	0,051	2,38	14,94	14
25x25x6	AD0205HX-K50(X)	ADDA	●	5	0,148	4,41	49,80	35
25x25x6	AD0205LX-K50(X)	ADDA	●	5	0,086	3,06	27,39	21,5
25x25x6	AD0205MX-K50(X)	ADDA	●	5	0,113	4,08	46,07	29
25x25x6	AD0212LX-K50(X)	ADDA	●	12	0,046	3,06	27,39	21,5
25x25x6	AD0212MX-K50(X)	ADDA	●	12	0,053	4,08	46,07	29
25x25x6,5	MFB25B05	SEPA	○	5	0,06	1,26	22,60	16
25x25x6,5	MFB25B12	SEPA	○	12	0,05	1,38	25,50	17
25x25x10	MFB25F05	SEPA	○	5	0,1	4,10	41,50	23
25x25x10	MFB25F12	SEPA	○	12	0,07	4,20	39,80	23
25x25x10	MFB25F12H	SEPA	○	12	0,09	4,80	58,10	26

## 25x25x10 mm up to 30x30x15 mm

◎ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing





Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>25x25x10</b>								
25x25x10	AD0205LB-G50(GLT)	ADDA	◎●	5	0,08	2,72	22,41	18,3
25x25x10	AD0205MB-G50(GLT)	ADDA	◎●	5	0,079	3,57	37,35	23,0
25x25x10	AD0212DB-G50(GL)	ADDA	◎●	12	0,04	1,87	9,96	12,5
25x25x10	AD0212LB-G50(GL)	ADDA	◎●	12	0,045	2,72	22,41	18,3
25x25x10	AD0212MB-G50(GL)	ADDA	◎●	12	0,058	3,57	37,35	23,0
<b>25x25x15</b>								
25x25x15	AD0205HX-D50(X)	ADDA	◎●	5	0,11	2,72	28,39	14,0
25x25x15	AD0205HX-D51(X)	ADDA	◎●	5	0,07	2,72	28,39	17,5
25x25x15	AD0205LX-D50(X)	ADDA	◎●	5	0,04	1,90	7,47	20,0
25x25x15	AD0205MX-D50(X)	ADDA	◎●	5	0,05	2,52	13,45	20,0
<b>30x30x6</b>								
30x30x6	AD0305DX-K70(X)	ADDA	●	5	0,046	3,40	14,94	18,0
30x30x6	AD0305HX-K70(X)	ADDA	●	5	0,12	5,94	37,35	32,0
30x30x6	AD0305LX-K70(X)	ADDA	●	5	0,064	4,08	19,92	22,0
30x30x6	AD0305MX-K70(X)	ADDA	●	5	0,103	5,09	27,39	26,5
30x30x6	AD0312HX-K70(X)	ADDA	●	12	0,064	5,94	37,35	32,0
30x30x6	AD0312LX-K70(X)	ADDA	●	12	0,038	4,08	19,92	22,0
<b>30x30x6,5</b>								
30x30x6,5	MFB30E05	SEPA	◎	5	0,1	3,80	26,50	22,0
30x30x6,5	MFB30E12	SEPA	◎	12	0,04	4,00	29,40	23,0
<b>30x30x10</b>								
30x30x10	MFB30G05	SEPA	◎	5	0,13	6,80	31,00	22,0
30x30x10	MFB30G12	SEPA	◎	12	0,07	7,70	39,80	24,0
30x30x10	AD0305DB-G50(T)	ADDA	◎●	5	0,45	3,40	14,94	19,0
30x30x10	AD0305HB-G50(T)	ADDA	◎●	5	0,095	6,79	49,80	26,0
30x30x10	AD0305LB-G50(T)	ADDA	◎●	5	0,07	5,09	28,64	30,0
30x30x10	AD0305MB-G50(T)	ADDA	◎●	5	0,102	5,60	36,85	34,0
30x30x10	AD0312DB-G50	ADDA	◎●	12	0,035	3,40	14,94	19,0
30x30x10	AD0312HB-G50	ADDA	◎●	12	0,053	6,79	49,80	26,0
30x30x10	AD0312LB-G50	ADDA	◎●	12	0,05	5,09	28,64	30,0
30x30x10	AD0312MB-G50	ADDA	◎●	12	0,045	5,60	36,85	34,0
30x30x10	AG03005HX105100	ADDA	●	5	0,12	9,25	50,80	17,5
30x30x10	AG03005LX105100	ADDA	●	5	0,07	5,88	24,65	22,3
30x30x10	AG03005MX105100	ADDA	●	5	0,11	7,37	34,11	29,0
<b>30x30x15</b>								
30x30x15	AD0305HB-D50	ADDA	◎	5	0,11	6,28	27,39	22,5
30x30x15	AD0305LB-D50	ADDA	◎	5	0,038	3,74	11,21	14,0
30x30x15	AD0305MB-D50	ADDA	◎	5	0,055	4,41	18,43	16,0



## 35x35x6 mm up to 40x40x10 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>35x35x6</b>								
35x35x6	AD3505LX-K70(X)	ADDA	●	5	0,062	5,94	19,92	24,0
35x35x6	AD3505MX-K70(X)	ADDA	●	5	0,096	7,13	24,90	33,0
35x35x6	AD3512LX-K70(X)	ADDA	●	12	0,046	5,94	19,92	24,0
35x35x6	AD3512MX-K70(X)	ADDA	●	12	0,049	7,13	24,90	33,0
<b>35x35x10</b>								
35x35x10	AD3505DB-G50(T)	ADDA	○●	5	0,042	5,09	12,45	17,0
35x35x10	AD3505HB-G50(T)	ADDA	○●	5	0,145	12,23	49,80	36,0
35x35x10	AD3505LB-G50(T)	ADDA	○●	5	0,088	8,49	24,90	28,0
35x35x10	AD3505MB-G50(T)	ADDA	○●	5	0,125	10,19	42,33	32,0
35x35x10	AD3512HB-G50	ADDA	○●	12	0,09	12,23	49,80	36,0
35x35x10	AD3512LB-G50	ADDA	○●	12	0,05	8,49	24,90	28,0
35x35x10	AD3512MB-G50	ADDA	○●	12	0,052	10,19	42,33	32,0
35x35x10	AG03512HX105300	ADDA	●	12	0,118	12,74	54,78	27,0
35x35x10	AG03512MX105300	ADDA	●	12	0,07	10,70	34,86	35,0
<b>38x38x28</b>								
38x38x28	AD3812UB-B5BDS(P)	ADDA	○	12	0,18	22,41	189,24	45,5
38x38x28	AD3812VB-B5BDS(P)	ADDA	○	12	0,45	33,96	418,32	54,0
38x38x28	AD3812XB-B5BDS(P)	ADDA	○	12	0,39	29,72	321,21	52,0
38x38x28	AD3812HB-B51GP(TP)	ADDA	○	12	0,22	16,98	109,56	36,5
38x38x28	AD3812MB-B51GP(TP)	ADDA	○	12	0,11	12,74	65,74	28,5
38x38x28	AD3812UB-B51GP(TP)	ADDA	○	12	0,26	21,06	164,34	41,0
<b>40x40x6</b>								
40x40x6	AD0405HX-K90(X)	ADDA	●	5	0,1	9,85	22,41	31,0
40x40x6	AD0405LX-K90(X)	ADDA	●	5	0,04	7,17	11,95	22,0
40x40x6	AD0405MX-K90(X)	ADDA	●	5	0,07	8,66	17,43	27,6
40x40x6	AD0412HX-K90(X)	ADDA	●	12	0,06	9,85	22,41	31,0
40x40x6	AD0412LX-K90(X)	ADDA	●	12	0,04	7,17	11,95	22,0
40x40x6	AD0412MX-K90(X)	ADDA	●	12	0,05	8,66	17,43	27,6
<b>40x40x10</b>								
40x40x10	MF_40H12	SEPA	※	12	0,05	10,3	28,5	22,0
40x40x10	MF_40H12L	SEPA	※	12	0,04	7,10	13,00	18,0
 40x40x10	LF_40A12FSE05A	SEPA	※	12	0,04	10,00	36,60	23,0
40x40x10	MFB40H05	SEPA	○	5	0,09	11,00	30,50	25,0
40x40x10	MFB40H05L	SEPA	○	5	0,05	7,10	13,00	20,0
40x40x10	MFB40H05UL	SEPA	○	5	0,045	2,80	10,50	12,0
40x40x10	MFB40H12	SEPA	○	12	0,05	10,30	28,50	22,0
40x40x10	MFB40H12L	SEPA	○	12	0,04	7,10	13,00	18,0
40x40x10	MFB40H24	SEPA	○	24	0,04	11,30	33,30	24,0
40x40x10	MFB40N12H	SEPA	○	12	0,09	14,20	52,40	31,0
 40x10 round shaped	LF_40B12	SEPA	※	12	0,045	9,10	35,30	26,0

## 40x40x10 mm up to 40x40x15 mm

◎ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>40x40x10</b>								
40x40x10	AD0405HB-G70(8)	ADDA	◎※●	5	0,16	10,53	24,90	21,0
40x40x10	AD0405LB-G70(8)	ADDA	◎※●	5	0,07	7,13	14,94	22,0
40x40x10	AD0405MB-G70(8)	ADDA	◎※●	5	0,11	8,49	19,42	26,0
40x40x10	AD0412HB-G70(8)	ADDA	◎※●	12	0,09	10,53	24,90	21,0
40x40x10	AD0412LB-G70(8)	ADDA	◎※●	12	0,06	7,13	14,94	22,0
40x40x10	AD0412MB-G70(8)	ADDA	◎※●	12	0,06	8,49	19,42	26,0
40x40x10	AD0424HB-G70(8)	ADDA	◎※●	24	0,06	10,53	24,90	21,0
40x40x10	AD0424LB-G70(8)	ADDA	◎※●	24	0,03	7,13	14,94	22,0
40x40x10	AD0424MB-G70(8)	ADDA	◎※●	24	0,04	8,49	19,42	26,0
40x40x10	AG04012DB107100	ADDA	◎	12	0,05	7,13	14,94	15,0
40x40x10	AG04012HB107100	ADDA	◎	12	0,08	13,65	40,59	23,2
40x40x10	AG04012LB107100	ADDA	◎	12	0,06	9,27	21,41	26,5
40x40x10	AG04012MB107100	ADDA	◎	12	0,07	11,56	29,88	31,0
40x40x10	AG04012UB107100	ADDA	◎	12	0,1	15,64	49,80	35,7
40x40x10	AG04012VB107100	ADDA	◎	12	0,17	19,36	82,67	37,2
40x40x10	AG04012XB107100	ADDA	◎	12	0,13	17,51	58,27	39,1
40x40x10	AD0405DB-G70(T)	ADDA	◎※●	5	0,05	5,60	10,96	14,0
40x40x10	AD0405HB-G70(T)	ADDA	◎※●	5	0,16	10,53	24,90	21,0
40x40x10	AD0405LB-G70(T)	ADDA	◎※●	5	0,07	7,13	14,94	22,0
40x40x10	AD0405MB-G70(T)	ADDA	◎※●	5	0,11	8,49	19,42	26,0
40x40x10	AD0405UB-G70(T)	ADDA	◎※●	5	0,19	11,89	42,33	29,0
40x40x10	AD0412DB-G70(T)	ADDA	◎※●	12	0,04	5,60	10,96	14,0
40x40x10	AD0412HB-G70(T)	ADDA	◎※●	12	0,09	10,53	24,90	21,0
40x40x10	AD0412LB-G70(T)	ADDA	◎※●	12	0,06	7,13	14,94	22,0
40x40x10	AD0412MB-G70(T)	ADDA	◎※●	12	0,06	8,49	19,42	26,0
40x40x10	AD0412UB-G70(T)	ADDA	◎※●	12	0,09	11,89	42,33	29,0
40x40x10	AD0424DB-G70(T)	ADDA	◎※●	24	0,02	5,60	10,96	14,0
40x40x10	AD0424HB-G70(T)	ADDA	◎※●	24	0,06	10,53	24,90	21,0
40x40x10	AD0424LB-G70(T)	ADDA	◎※●	24	0,03	7,13	14,94	22,0
40x40x10	AD0424MB-G70(T)	ADDA	◎※●	24	0,04	8,49	19,42	26,0
40x40x10	AD0424UB-G70(T)	ADDA	◎※●	24	0,08	11,89	42,33	29,0
<b>40x40x15</b>								
40x40x15	AD0412HB-D51	ADDA	◎	12	0,11	14,41	62,00	25,8
40x40x15	AD0412LB-D51	ADDA	◎	12	0,07	10,98	40,09	31,8
40x40x15	AD0412MB-D51	ADDA	◎	12	0,09	12,90	49,80	36,0
40x40x15	AG04012DB157300	ADDA	◎	12	0,06	13,50	40,59	29,3
40x40x15	AG04012HB157300	ADDA	◎	12	0,12	20,36	87,65	33,2
40x40x15	AG04012LB157300	ADDA	◎	12	0,07	15,89	55,78	36,9
40x40x15	AG04012MB157300	ADDA	◎	12	0,09	17,93	71,46	39,6

## 40x40x15 mm up to 40x40x28 mm



○ = Ball bearing    ※ = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>40x40x15</b>								
40x40x15	AG04012UB157300	ADDA	○	12	0,17	22,60	104,83	41,7
40x40x15	AG04012XB157300	ADDA	○	12	0,21	24,94	128,24	43,5
<b>40x40x20</b>								
40x40x20	AG04012XB205100	ADDA	○	12	0,11	19,45	72,96	30,4
40x40x20	AD0405DB-C50	ADDA	○※●	5	0,09	7,62	19,92	17,5
40x40x20	AD0405HB-C50	ADDA	○※●	5	0,25	14,95	69,72	30,0
40x40x20	AD0405LB-C50	ADDA	○※●	5	0,14	11,88	41,09	33,0
40x40x20	AD0405MB-C50	ADDA	○※●	5	0,16	13,14	49,80	36,0
40x40x20	AD0412DB-C50(T1)	ADDA	○※●	12	0,04	7,62	19,92	17,5
40x40x20	AD0412HB-C50(T1)	ADDA	○※●	12	0,1	14,95	69,72	30,0
40x40x20	AD0412LB-C50(T1)	ADDA	○※●	12	0,07	11,88	41,09	33,0
40x40x20	AD0412MB-C50(T1)	ADDA	○※●	12	0,08	13,14	49,80	36,0
40x40x20	AD0412UB-C50(T1)	ADDA	○※●	12	0,14	16,27	79,68	37,5
40x40x20	AD0424DB-C50	ADDA	○※●	24	0,14	7,62	19,92	17,5
40x40x20	AD0424HB-C50	ADDA	○※●	24	0,07	14,95	69,72	30,0
40x40x20	AD0424LB-C50	ADDA	○※●	24	0,05	11,88	41,09	33,0
40x40x20	AD0424MB-C50	ADDA	○※●	24	0,06	13,14	49,80	36,0
40x40x20	AD0412HB-C73GP(P)	ADDA	○	12	0,14	15,96	79,68	30,0
40x40x20	AD0412LB-C73GP(P)	ADDA	○	12	0,08	10,87	37,35	19,0
40x40x20	AD0412MB-C73GP(P)	ADDA	○	12	0,12	13,58	57,27	26,0
40x40x20	AD0412UB-C73GP(P)	ADDA	○	12	0,15	18,68	99,60	33,0
40x40x20	AD0412XB-C73GP(P)	ADDA	○	12	0,24	22,07	134,46	42,0
<b>40x40x28</b>								
40x40x28	AD0412DB-B31	ADDA	○	12	0,05	10,02	22,91	19,2
40x40x28	AD0412HB-B31	ADDA	○	12	0,16	20,72	85,91	39,0
40x40x28	AD0412LB-B31	ADDA	○	12	0,08	13,07	42,33	31,0
40x40x28	AD0412MB-B31	ADDA	○	12	0,1	16,30	54,78	34,6
40x40x28	AD0412UB-B31	ADDA	○	12	0,2	22,24	112,05	42,5
40x40x28	AD0424HB-B31	ADDA	○	24	0,08	18,34	68,23	36,2
40x40x28	AS04012DB2856A0(00LAP)	ADDA	○	12	0,15	18,59	171,81	40,3
40x40x28	AS04012HB2856A0(00LAP)	ADDA	○	12	0,26	25,08	288,84	43,9
40x40x28	AS04012LB2856A0(00LAP)	ADDA	○	12	0,16	20,51	211,65	46,3
40x40x28	AS04012MB2856A0(00LAP)	ADDA	○	12	0,2	22,77	249,00	48,5
40x40x28	AD04012DB285300(00LAP)	ADDA	○	12	0,13	14,86	107,32	27,4
40x40x28	AD04012HB285300(00LAP)	ADDA	○	12	0,5	32,65	426,54	48,8
40x40x28	AD04012LB285300(00LAP)	ADDA	○	12	0,21	21,45	180,28	36,8
40x40x28	AD04012MB285300(00LAP)	ADDA	○	12	0,32	26,98	308,76	46,6
40x40x28	AD04012UB285300(00LAP)	ADDA	○	12	0,6	35,18	485,30	50,8
40x40x28	AD0412HB-B5BDS(HFP)	ADDA	○	12	0,3	30,73	216,63	48,0



## 40x40x28 mm up to 45x45x10 mm

○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hydro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>40x40x28</b>								
40x40x28	AD0412UB-B5BDS(HFP)	ADDA	○	12	0,4	37,36	298,80	52,5
40x40x28	AD0412VB-B5BDS(HFP)	ADDA	○	12	0,7	45,85	460,65	56,0
40x40x28	AD0412XB-B5BDS(HFP)	ADDA	○	12	0,59	42,79	398,40	58,0
40x40x28	AD0412HB-B53GP(P)	ADDA	○	12	0,15	22,07	102,84	41,0
40x40x28	AD0412MB-B53GP(P)	ADDA	○	12	0,14	18,68	83,42	36,0
40x40x28	AD0412UB-B53GP(P)	ADDA	○	12	0,2	27,17	156,87	45,0
40x40x28	AD0412VB-B53GP(P)	ADDA	○	12	0,5	35,66	284,36	53,0
40x40x28	AD0412XB-B53GP(P)	ADDA	○	12	0,45	32,26	215,63	49,0
<b>40x40x48</b>								
40x40x48	AD0412UB-N5BDS(48P)	ADDA	○	12	0,84	42,79	298,80	59,0
40x40x48	AD0412XB-N5BDS(48P)	ADDA	○	12	0,99	45,85	351,09	60,5
<b>40x40x56</b>								
40x40x56	AS04012HB565BA2	ADDA	○	12	1,32	55,48	847,35	71,0
40x40x56	AS04012LB565BA2	ADDA	○	12	1,03	48,89	666,08	71,7
40x40x56	AS04012MB565BA2	ADDA	○	12	1,16	52,41	740,28	72,5
40x40x56	AS04012UB565BA2	ADDA	○	12	1,6	57,82	927,28	73,5
40x40x56	AS04012HB565B01	ADDA	○	12	1,1	50,04	524,15	60,5
40x40x56	AS04012LB565B01	ADDA	○	12	0,8	41,21	393,42	62,3
40x40x56	AS04012MB565B01	ADDA	○	12	1,0	46,56	454,18	63,6
40x40x56	AS04012UB565B01	ADDA	○	12	1,3	53,83	619,26	65,0
40x40x56	AS04012XB565B00	ADDA	○	12	1,0	46,70	498,00	66,1
<b>45x45x6</b>								
45x45x6	AD4505HX-K90(X)	ADDA	●	5	0,1	14,01	24,90	32,6
45x45x6	AD4505LX-K90(X)	ADDA	●	5	0,05	9,85	13,94	23,0
45x45x6	AD4505MX-K90(X)	ADDA	●	5	0,07	12,23	19,92	27,4
45x45x6	AD4512HX-K90(X)	ADDA	●	12	0,06	14,01	24,90	32,6
45x45x6	AD4512LX-K90(X)	ADDA	●	12	0,04	9,85	13,94	23,0
45x45x6	AD4512MX-K90(X)	ADDA	●	12	0,05	12,23	19,92	27,4
<b>45x45x10</b>								
45x45x10	AD4505HB-G70(T)	ADDA	○※●	5	0,18	14,72	25,65	27,4
45x45x10	AD4505LB-G70(T)	ADDA	○※●	5	0,09	9,88	13,45	17,5
45x45x10	AD4505MB-G70(T)	ADDA	○※●	5	0,12	11,90	17,93	22,0
45x45x10	AD4512HB-G70(T)	ADDA	○※●	12	0,09	14,72	25,65	27,4
45x45x10	AD4512LB-G70(T)	ADDA	○※●	12	0,06	9,88	13,45	17,5
45x45x10	AD4512MB-G70(T)	ADDA	○※●	12	0,06	11,90	17,93	22,0
45x45x10	AD4524HB-G70(T)	ADDA	○※●	24	0,06	14,72	25,65	27,4
45x45x10	AD4524LB-G70(T)	ADDA	○※●	24	0,03	9,88	13,45	17,5
45x45x10	AD4524MB-G70(T)	ADDA	○※●	24	0,05	11,90	17,93	22,0

## 50x50x10 mm up to 50x50x20 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>50x50x10</b>								
50x50x10	MFB50E05	SEPA	○	5	0,12	10,10	15,60	18,0
50x50x10	MFB50E12	SEPA	○	12	0,14	14,30	26,90	22,0
50x50x10	LF50B05PSE03A	SEPA	※	12	0,05	10,30	15,90	17,0
50x50x10	AD0505HB-G70(8)	ADDA	○※●	5	0,23	19,02	29,88	20,0
50x50x10	AD0505LB-G70(8)	ADDA	○※●	5	0,1	15,28	14,94	25,0
50x50x10	AD0505MB-G70(8)	ADDA	○※●	5	0,15	17,66	24,90	28,0
50x50x10	AD0512HB-G70(8)	ADDA	○※●	12	0,12	18,68	29,88	20,0
50x50x10	AD0512LB-G70(8)	ADDA	○※●	12	0,08	15,28	14,94	25,0
50x50x10	AD0512MB-G70(8)	ADDA	○※●	12	0,09	17,66	24,90	28,0
50x50x10	AD0524HB-G70(8)	ADDA	○※●	24	0,08	18,68	29,88	21,0
50x50x10	AD0524LB-G70(8)	ADDA	○※●	24	0,05	14,26	17,43	25,0
50x50x10	AD0524MB-G70(8)	ADDA	○※●	24	0,06	17,66	24,90	28,0
50x50x10	AD0505HB-G70(T)	ADDA	○※●	5	0,22	17,49	24,90	20,0
50x50x10	AD0505LB-G70(T)	ADDA	○※●	5	0,1	13,58	12,45	24,0
50x50x10	AD0505MB-G70(T)	ADDA	○※●	5	0,13	15,28	19,92	27,5
50x50x10	AD0512HB-G70(T)	ADDA	○※●	12	0,12	17,49	24,90	20,0
50x50x10	AD0512LB-G70(T)	ADDA	○※●	12	0,08	13,58	12,45	24,0
50x50x10	AD0512MB-G70(T)	ADDA	○※●	12	0,1	15,28	19,92	27,5
50x50x10	AD0512UB-G70(T)	ADDA	○※●	12	0,1	20,38	30,88	20,0
50x50x10	AD0524HB-G70(T)	ADDA	○※●	24	0,08	17,49	24,90	24,0
50x50x10	AD0524LB-G70(T)	ADDA	○※●	24	0,05	13,58	12,45	27,5
50x50x10	AD0524MB-G70(T)	ADDA	○※●	24	0,06	15,28	19,92	32,0
<b>50x50x15</b>								
50x50x15	AB05012MX150100	ADDA	●	12	0,13	8,29	107,07	38,8
50x50x15	AD5005HB-D70	ADDA	○※●	5	0,21	24,28	32,12	34,0
50x50x15	AD5012HB-D70	ADDA	○※●	12	0,11	24,28	32,12	34,0
50x50x15	AD5012LB-D70	ADDA	○※●	12	0,07	18,68	17,43	25,0
50x50x15	AD5012MB-D70	ADDA	○※●	12	0,08	22,07	24,90	30,0
50x50x15	AD5012UB-D70	ADDA	○※●	12	0,14	28,02	44,82	37,5
<b>50x50x20</b>								
50x50x20	AD5012HB-C71	ADDA	○※●	12	0,13	29,72	37,35	33,7
50x50x20	AD5012LB-C71	ADDA	○※●	12	0,08	20,38	19,92	24,0
50x50x20	AD5012MB-C71	ADDA	○※●	12	0,1	25,47	27,39	29,0
50x50x20	AD5012UB-C71	ADDA	○※●	12	0,19	33,96	52,29	38,4
50x50x20	AD5024HB-C71	ADDA	○※●	24	0,11	29,72	37,35	33,7
50x50x20	AD5024LB-C71	ADDA	○※●	24	0,06	20,38	19,92	24,0
50x50x20	AD5024MB-C71	ADDA	○※●	24	0,08	25,47	27,39	29,0
50x50x20	AD5024UB-C71	ADDA	○※●	24	0,15	33,96	52,29	38,4
50x50x20	AD5012UB-C50(T)	ADDA	○●	12	0,19	29,55	64,74	37,5

## 60x60x10 mm up to 60x60x15 mm

○ = Ball bearing    ※ = Sleeve bearing  
● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>60x60x10</b>								
60x60x10	AD0605LB-GA0(GL)	ADDA	○※●	5	0,26	24,62	23,41	26,0
60x60x10	AD0605MB-GA0(GL)	ADDA	○※●	5	0,33	29,38	31,62	31,7
60x60x10	AD0612HB-GA0(GL)	ADDA	○※●	12	0,25	35,66	41,09	35,8
60x60x10	AD0612LB-GA0(GL)	ADDA	○※●	12	0,1	24,62	23,41	26,0
60x60x10	AD0612MB-GA0(GL)	ADDA	○※●	12	0,16	29,38	31,62	31,7
60x60x10	AD0605LB-G70(T)	ADDA	○※●	5	0,11	16,57	14,69	23,0
60x60x10	AD0605MB-G70(T)	ADDA	○※●	5	0,13	20,38	22,41	28,0
60x60x10	AD0612HB-G70(T)	ADDA	○※●	12	0,12	25,16	29,38	35,0
60x60x10	AD0612LB-G70(T)	ADDA	○※●	12	0,09	16,57	14,69	23,0
60x60x10	AD0612MB-G70(T)	ADDA	○※●	12	0,11	20,38	22,41	28,0
<b>60x60x15</b>								
60x60x15	MFB60D05	SEPA	○	5	0,18	25,20	35,00	28,0
60x60x15	MFB60D05L	SEPA	○	5	0,15	21,20	27,00	24,0
60x60x15	MFB60D12	SEPA	○	12	0,09	25,20	35,00	28,0
60x60x15	MFB60D12L	SEPA	○	12	0,07	21,20	27,00	24,0
60x60x15	MFB60D24	SEPA	○	24	0,05	25,20	35,00	28,0
60x60x15	MFB60D24L	SEPA	○	24	0,03	20,00	20,80	24,0
60x60x15	AB0612UB-D03	ADDA	○	12	0,26	14,03	226,34	47,2
60x60x15	AD0612DB-D90(T)	ADDA	○※●	12	0,06	25,56	16,19	22,8
60x60x15	AD0612HB-D90(T)	ADDA	○※●	12	0,17	38,49	35,61	32,7
60x60x15	AD0612LB-D90(T)	ADDA	○※●	12	0,08	28,92	19,67	25,8
60x60x15	AD0612MB-D90(T)	ADDA	○※●	12	0,13	32,06	25,65	29,7
60x60x15	AG06005DB159100	ADDA	○※●	5	0,1	22,30	18,92	32,1
60x60x15	AG06005HB159100	ADDA	○※●	5	0,28	34,62	40,59	21,0
60x60x15	AG06005LB159100	ADDA	○※●	5	0,13	25,16	24,90	25,3
60x60x15	AG06005MB159100	ADDA	○※●	5	0,19	29,29	33,12	28,7
60x60x15	AG06012DB159100	ADDA	○※●	12	0,04	22,30	18,92	32,1
60x60x15	AG06012HB159100	ADDA	○※●	12	0,1	34,62	40,59	21,0
60x60x15	AG06012LB159100	ADDA	○※●	12	0,06	25,16	24,90	25,3
60x60x15	AG06012MB159100	ADDA	○※●	12	0,08	29,29	33,12	28,7
60x60x15	AG06012UB159100	ADDA	○※●	12	0,14	36,45	50,30	35,8
60x60x15	AG06012XB159100	ADDA	○※●	12	0,26	45,87	71,21	40,7
60x60x15	AG06024DB159100	ADDA	○※●	24	0,04	22,30	18,92	21,0
60x60x15	AG06024HB159100	ADDA	○※●	24	0,08	34,62	40,59	25,3
60x60x15	AG06024LB159100	ADDA	○※●	24	0,05	25,16	24,90	28,7
60x60x15	AG06024MB159100	ADDA	○※●	24	0,07	29,29	33,12	32,1
60x60x15	AG06024UB159100	ADDA	○※●	24	0,09	36,45	50,30	35,8
60x60x15	AD0605HB-D70GL(T)	ADDA	○※●	5	0,22	26,86	36,35	28,8
60x60x15	AD0605MB-D70GL(T)	ADDA	○※●	5	0,18	24,32	30,38	33,4

60x60x15 mm up to 60x60x25 mm



○ = Ball bearing    \* = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>60x60x15</b>								
60x60x15	AD0612DB-D70GL(T)	ADDA	○*●	12	0,06	18,34	15,94	21,3
60x60x15	AD0612HB-D70GL(T)	ADDA	○*●	12	0,09	26,86	36,35	24,8
60x60x15	AD0612LB-D70GL(T)	ADDA	○*●	12	0,07	20,94	20,17	33,4
60x60x15	AD0612UB-D70GL(T)	ADDA	○*●	12	0,12	31,18	42,08	38,6
60x60x15	AD0624HB-D70GL(T)	ADDA	○*●	24	0,05	26,86	36,35	33,4
60x60x15	AD0612MB-D70GL(T)	ADDA	○*●	12	0,08	24,32	30,38	28,8
60x60x15	AD0605LB-D70GL(T)	ADDA	○*●	5	0,12	20,94	20,17	24,8
<b>60x60x20</b>								
60x60x20	AG06012DB207600	ADDA	○●	12	0,16	33,54	42,33	31,8
60x60x20	AG06012HB207600	ADDA	○●	12	0,23	49,48	80,43	35,4
60x60x20	AG06012LB207600	ADDA	○●	12	0,18	38,61	53,04	38,6
60x60x20	AG06012MB207600	ADDA	○●	12	0,2	43,00	64,99	40,8
60x60x20	AG06012UB207600	ADDA	○●	12	0,28	52,32	92,13	43,2
60x60x20	AD0605DB-C71GL	ADDA	○*●	5	0,07	18,57	18,92	18,4
60x60x20	AD0605HB-C71GL	ADDA	○*●	5	0,18	29,99	42,08	23,6
60x60x20	AD0605LB-C71GL	ADDA	○*●	5	0,1	22,07	25,15	25,2
60x60x20	AD0605MB-C71GL	ADDA	○*●	5	0,13	25,05	31,37	30,2
60x60x20	AD0612DB-C71GL	ADDA	○*●	12	0,04	18,57	18,92	18,4
60x60x20	AD0612HB-C71GL	ADDA	○*●	12	0,08	29,99	42,08	23,6
60x60x20	AD0612LB-C71GL	ADDA	○*●	12	0,05	22,07	25,15	25,2
60x60x20	AD0612MB-C71GL	ADDA	○*●	12	0,06	25,05	31,37	30,2
60x60x20	AD0612UB-C71GL	ADDA	○*●	12	0,09	32,29	52,54	34,1
60x60x20	AD0612XB-C71GL	ADDA	○*●	12	0,13	40,04	73,70	38,0
60x60x20	AD0624HB-C71GL	ADDA	○*●	24	0,06	29,99	42,08	25,2
60x60x20	AD0624MB-C71GL	ADDA	○*●	24	0,05	25,05	31,37	30,2
60x60x20	AD0605DB-C70GL(T)	ADDA	○*●	5	0,07	18,24	13,45	18,4
60x60x20	AD0605HB-C70GL(T)	ADDA	○*●	5	0,18	27,95	34,86	23,5
60x60x20	AD0605LB-C70GL(T)	ADDA	○*●	5	0,12	21,23	20,42	28,0
60x60x20	AD0605MB-C70GL(T)	ADDA	○*●	5	0,16	24,25	27,89	31,0
60x60x20	AD0612DB-C70GL(T)	ADDA	○*●	12	0,05	18,24	13,45	18,4
60x60x20	AD0612HB-C70GL(T)	ADDA	○*●	12	0,1	27,95	34,86	23,5
60x60x20	AD0612LB-C70GL(T)	ADDA	○*●	12	0,06	21,23	20,42	28,0
60x60x20	AD0612MB-C70GL(T)	ADDA	○*●	12	0,08	24,25	27,89	31,0
60x60x20	AD0612UB-C70GL(T)	ADDA	○*●	12	0,13	32,14	45,57	35,5
60x60x20	AD0612XB-C70GL(T)	ADDA	○*●	12	0,2	39,99	70,47	39,0
60x60x20	AD0624HB-C70GL(T)	ADDA	○*●	24	0,05	27,95	34,86	28,0
60x60x20	AD0624MB-C70GL(T)	ADDA	○*●	24	0,04	24,25	27,89	31,0
<b>60x60x25</b>								
60x60x25	AB06012DB250300	ADDA	○	12	0,05	7,30	39,84	43,4

## 60x60x25 mm up to 60x60x25 mm

○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hydro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>60x60x25</b>								
60x60x25	AB06012LB250300	ADDA	○	12	0,09	9,00	72,21	21,5
60x60x25	AB06012MB250300	ADDA	○	12	0,13	10,70	94,62	28,5
60x60x25	AD06012HB257BZ0	ADDA	○※●	12	0,13	38,80	52,54	34,5
60x60x25	AD06012UB257BZ0	ADDA	○※●	12	0,16	42,95	62,75	39,2
60x60x25	AD06012XB257BZ0	ADDA	○※●	12	0,24	51,87	92,63	35,5
60x60x25	AD06012DB257000	ADDA	○※●	12	0,03	16,95	12,20	12,4
60x60x25	AD06012HB257000	ADDA	○※●	12	0,12	39,63	58,02	15,9
60x60x25	AD06012LB257000	ADDA	○※●	12	0,04	21,59	18,92	26,9
60x60x25	AD06012MB257000	ADDA	○※●	12	0,08	29,45	32,62	33,8
60x60x25	AD06012UB257000	ADDA	○※●	12	0,18	44,10	70,47	37,1
60x60x25	AD06012DB257100	ADDA	○※●	12	0,03	16,95	12,20	12,4
60x60x25	AD06012HB257100	ADDA	○※●	12	0,13	39,63	58,02	15,9
60x60x25	AD06012LB257100	ADDA	○※●	12	0,05	21,59	18,92	26,9
60x60x25	AD06012MB257100	ADDA	○※●	12	0,08	29,45	32,62	33,8
60x60x25	AD06012UB257100	ADDA	○※●	12	0,16	44,10	70,47	37,1
60x60x25	AD06012VB257100	ADDA	○	12	0,28	58,91	109,06	42,8
60x60x25	AD06012XB257100	ADDA	○※●	12	0,26	53,28	91,13	46,8
60x60x25	AD0605HB-A71GL	ADDA	○※●	5	0,35	41,31	51,54	18,1
60x60x25	AD0605LB-A71GL	ADDA	○※●	5	0,08	22,41	15,69	26,0
60x60x25	AD0605MB-A71GL	ADDA	○※●	5	0,17	31,48	30,38	36,3
60x60x25	AD0612HB-A71GL	ADDA	○※●	12	0,13	41,31	51,54	18,1
60x60x25	AD0612LB-A71GL	ADDA	○※●	12	0,04	22,41	15,69	26,0
60x60x25	AD0612MB-A71GL	ADDA	○※●	12	0,08	31,48	30,38	36,3
60x60x25	AD0612UB-A71GL	ADDA	○※●	12	0,22	49,92	67,23	40,5
60x60x25	AD0612XB-A71GL	ADDA	○	12	0,3	53,32	79,68	42,9
60x60x25	AD0624HB-A71GL	ADDA	○※●	24	0,08	41,31	51,54	18,1
60x60x25	AD0624LB-A71GL	ADDA	○※●	24	0,07	22,41	15,69	26,0
60x60x25	AD0624MB-A71GL	ADDA	○※●	24	0,06	31,48	30,38	36,3
60x60x25	AD0624UB-A71GL	ADDA	○※●	24	0,11	47,34	60,26	37,6
60x60x25	AD0605LB-A70GL(T)	ADDA	○※●	5	0,1	22,41	15,69	18,1
60x60x25	AD0605MB-A70GL(T)	ADDA	○※●	5	0,19	30,87	30,38	28,6
60x60x25	AD0612HB-A70GL(T)	ADDA	○※●	12	0,19	41,58	50,05	36,0
60x60x25	AD0612LB-A70GL(T)	ADDA	○※●	12	0,06	22,41	15,69	18,1
60x60x25	AD0612MB-A70GL(T)	ADDA	○※●	12	0,10	30,87	30,38	28,6
60x60x25	AD0612UB-A70GL(T)	ADDA	○※●	12	0,25	45,85	57,27	40,0
60x60x25	AD0624HB-A70GL(T)	ADDA	○※●	24	0,12	41,58	50,05	28,6
60x60x25	AD0624MB-A70GL(T)	ADDA	○※●	24	0,06	30,87	30,38	36,0
60x60x25	AQ0612HB-A71GL(T)	ADDA	○	12	0,19	42,45	46,81	36,9
60x60x25	AQ0612LB-A70GL(T)	ADDA	○	12	0,07	22,41	15,69	18,1



## 60x60x25 mm up to 70x70x15 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>60x60x25</b>								
60x60x25	AQ0612MB-A71GL(T)	ADDA	○	12	0,1	30,56	29,38	28,0
60x60x25	AQ0612UB-A71GL(T)	ADDA	○	12	0,26	45,85	57,27	40,0
60x60x25	AQ0624HB-A70GL(T)	ADDA	○	24	0,12	42,45	46,81	36,9
60x60x25	AQ0624UB-A71GL(T)	ADDA	○	24	0,14	45,85	57,27	40,0
60x60x25	AD0612EB-A71GP(P)	ADDA	○	12	0,6	75,39	235,31	35,3
60x60x25	AD0612HB-A71GP(P)	ADDA	○	12	0,1	36,67	58,52	52,5
60x60x25	AD0612UB-A71GP(P)	ADDA	○	12	0,22	45,11	86,40	41,4
60x60x25	AD0612VB-A71GP(P)	ADDA	○	12	0,38	63,35	171,31	50,0
60x60x25	AD0612XB-A71GP(P)	ADDA	○	12	0,28	53,95	121,76	44,3
<b>60x60x38</b>								
60x60x38	AS06012HB387100	ADDA	○	12	1,45	116,09	486,55	66,7
60x60x38	AS06012UB387100	ADDA	○	12	2,10	129,35	601,34	64,1
60x60x38	AS06012XB387100	ADDA	○	12	2,70	145,25	734,55	61,4
60x60x38	AS06012HB385BB0	ADDA	○	12	1,13	96,28	624,99	65,3
60x60x38	AS06012LB385BB0	ADDA	○	12	0,45	63,51	298,05	50,4
60x60x38	AS06012MB385BB0	ADDA	○	12	0,70	78,96	445,71	56,1
60x60x38	AS06012UB385BB0	ADDA	○	12	1,70	111,39	793,07	60,9
60x60x38	AD0612HB-F73DS	ADDA	○	12	0,64	82,13	245,02	58,0
60x60x38	AD0612MB-F73DS	ADDA	○	12	0,28	62,08	139,94	49,8
60x60x38	AD0612UB-F73DS	ADDA	○	12	1,40	103,58	298,80	63,6
60x60x38	AD0624HB-F73DS	ADDA	○	24	0,34	82,13	245,02	49,8
60x60x38	AD0624MB-F73DS	ADDA	○	24	0,16	62,08	139,94	63,6
60x60x38	AD0624UB-F73DS	ADDA	○	24	0,70	103,58	298,80	49,8
60x60x38	AD0648HB-F73DS	ADDA	○	48	0,20	82,13	245,02	58,0
60x60x38	AD0648MB-F73DS	ADDA	○	48	0,09	62,08	139,94	63,6
60x60x38	AD0648UB-F73DS	ADDA	○	48	0,38	103,58	298,80	58,0
<b>60x60x76</b>								
60x60x76	AS06012HB765300	ADDA	○	12	1,6	112,98	499,99	64,5
60x60x76	AS06012UB765300	ADDA	○	12	2,6	137,66	606,81	67,9
<b>70x70x12</b>								
70x70x12	AB7012HB-E01	ADDA	○	12	0,15	11,34	108,56	34,0
70x70x12	AB7012LB-E01	ADDA	○	12	0,06	8,10	39,84	24,0
<b>70x70x15</b>								
70x70x15	AD0712DB-DA1	ADDA	○※●	12	0,07	31,97	18,43	28,7
70x70x15	AD0712HB-DA1	ADDA	○※●	12	0,18	49,75	43,58	32,7
70x70x15	AD0712LB-DA1	ADDA	○※●	12	0,08	36,51	23,41	35,3
70x70x15	AD0712MB-DA1	ADDA	○※●	12	0,12	42,62	30,38	39,0
70x70x15	AD0712UB-DA1	ADDA	○※●	12	0,28	59,09	48,80	43,4
70x70x15	AD0712DB-D71	ADDA	○※●	12	0,07	33,79	18,68	26,3

## 70x70x15 mm up to 70x70x38 mm

◎ = Ball bearing    ※ = Sleeve bearing  
● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>70x70x15</b>								
70x70x15	AD0712HB-D71	ADDA	◎※●	12	0,23	57,14	46,31	30,1
70x70x15	AD0712LB-D71	ADDA	◎※●	12	0,11	42,28	26,39	34,5
70x70x15	AD0712MB-D71	ADDA	◎※●	12	0,15	49,63	35,61	39,4
70x70x15	AD0712DB-D91	ADDA	◎※●	12	0,05	29,88	17,43	23,8
70x70x15	AD0712HB-D91	ADDA	◎※●	12	0,18	55,52	55,28	27,6
70x70x15	AD0712LB-D91	ADDA	◎※●	12	0,06	36,34	24,40	33,7
70x70x15	AD0712MB-D91	ADDA	◎※●	12	0,11	44,66	36,85	40,6
70x70x15	AD0712UB-D91	ADDA	◎※●	12	0,26	68,68	65,74	44,4
70x70x15	AD0712DB-DA0(T)	ADDA	◎※●	12	0,07	31,97	18,43	28,7
70x70x15	AD0712HB-DA0(T)	ADDA	◎※●	12	0,18	49,75	43,58	39,0
70x70x15	AD0712LB-DA0(T)	ADDA	◎※●	12	0,08	36,51	23,41	32,7
70x70x15	AD0712MB-DA0(T)	ADDA	◎※●	12	0,12	42,62	30,38	35,3
70x70x15	AD0712UB-DA0(T)	ADDA	◎※●	12	0,28	59,09	48,80	43,4
70x70x15	AD0712DB-D70(T)	ADDA	◎※●	12	0,07	33,79	18,68	26,3
70x70x15	AD0712HB-D70(T)	ADDA	◎※●	12	0,23	57,14	46,31	39,4
70x70x15	AD0712LB-D70(T)	ADDA	◎※●	12	0,11	42,28	26,39	30,1
70x70x15	AD0712MB-D70(T)	ADDA	◎※●	12	0,15	49,63	35,61	34,5
<b>70x70x20</b>								
70x70x20	AG07012HB209300(OPJ)	ADDA	◎	12	0,30	69,24	64,74	43,5
70x70x20	AG07012UB209300(OPJ)	ADDA	◎	12	0,35	75,56	77,19	41,5
<b>70x70x25</b>								
70x70x25	AG07012XB257100	ADDA	◎	12	1,03	130,49	244,02	22,0
70x70x25	AD0712DB-A70GL(T)	ADDA	◎※●	12	0,68	37,19	19,92	21,0
70x70x25	AD0712HB-A70GL(T)	ADDA	◎※●	12	0,18	60,28	54,03	38,0
70x70x25	AD0712LB-A70GL(T)	ADDA	◎※●	12	0,10	47,88	37,35	31,6
70x70x25	AD0712MB-A70GL(T)	ADDA	◎※●	12	0,12	54,85	43,82	33,6
70x70x25	AD0712UB-A70GL(T)	ADDA	◎※●	12	0,20	66,05	61,25	38,9
70x70x25	AD0724HB-A70GL(T)	ADDA	◎※●	24	0,11	60,28	54,03	38,0
70x70x25	AD0724MB-A70GL(T)	ADDA	◎※●	24	0,09	54,85	43,82	33,6
70x70x25	AQ0712HB-A70GL(T)	ADDA	◎	12	0,18	60,28	54,03	38,0
70x70x25	AQ0712LB-A70GL(T)	ADDA	◎	12	0,10	47,88	37,35	31,6
70x70x25	AQ0712MB-A70GL(T)	ADDA	◎	12	0,12	54,85	43,82	33,6
70x70x25	AD0712HB-A73GP	ADDA	◎	12	0,30	79,64	74,70	43,0
70x70x25	AD0712LB-A73GP	ADDA	◎	12	0,17	63,34	44,32	36,8
70x70x25	AD0712MB-A73GP	ADDA	◎	12	0,22	71,32	55,28	40,6
70x70x25	AD0712UB-A73GP	ADDA	◎	12	0,33	84,39	94,62	44,0
<b>70x70x38</b>								
70x70x38	AD0712UB-F7BDS	ADDA	◎	12	0,62	102,39	166,33	57,6

## 75x75x30 mm up to 80x80x15 mm



○ = Ball bearing   \* = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>75x75x30</b>								
75x75x30	AB7512DB-W01	ADDA	○●	12	0,10	15,11	49,80	28,7
75x75x30	AB7512HB-W01	ADDA	○●	12	0,32	27,00	191,73	45,4
75x75x30	AB7512LB-W01	ADDA	○●	12	0,18	19,36	87,15	37,6
75x75x30	AB7512MB-W01	ADDA	○●	12	0,25	23,43	139,44	41,7
75x75x30	AB7512UB-W01	ADDA	○●	12	0,48	31,41	253,98	49,1
75x75x30	AD7512HB	ADDA	○*●	12	0,22	17,47	87,15	38,5
75x75x30	AD7512LB	ADDA	○*●	12	0,08	11,72	47,31	29,0
75x75x30	AD7512MB	ADDA	○*●	12	0,11	13,21	57,27	34,9
75x75x30	AD7512UB	ADDA	○*●	12	0,50	22,21	204,18	44,7
75x75x30	AD7524HB	ADDA	○*●	24	0,14	17,47	87,15	38,5
75x75x30	AD7524LB	ADDA	○*●	24	0,07	11,70	47,31	29,0
75x75x30	AD7524MB	ADDA	○*●	24	0,10	13,21	57,27	34,9
75x75x30	AD7524UB	ADDA	○*●	24	0,25	22,21	204,18	44,7
<b>80x80x15</b>								
80x80x15	AD0805HB-D71	ADDA	○*●	5	0,22	50,47	30,38	34,4
80x80x15	AD0805MB-D71	ADDA	○*●	5	0,13	37,02	19,42	24,9
80x80x15	AD0812HB-D71	ADDA	○*●	12	0,11	50,47	30,38	34,4
80x80x15	AD0812LB-D71	ADDA	○*●	12	0,04	31,13	12,95	18,8
80x80x15	AD0812MB-D71	ADDA	○*●	12	0,05	37,02	19,42	24,9
80x80x15	AD0812UB-D71	ADDA	○*●	12	0,16	58,31	43,08	38,1
80x80x15	AD0824HB-D71	ADDA	○*●	24	0,08	50,47	30,38	34,4
80x80x15	AD0824MB-D71	ADDA	○*●	24	0,05	37,02	19,42	24,9
80x80x15	AD0812HB-D7B	ADDA	○*●	12	0,15	53,49	37,35	26,5
80x80x15	AD0812LB-D7B	ADDA	○*●	12	0,09	38,21	19,92	31,0
80x80x15	AD0812MB-D7B	ADDA	○*●	12	0,12	48,72	31,87	36,5
80x80x15	AD0812UB-D7B	ADDA	○*●	12	0,27	61,98	48,56	40,0
80x80x15	AD0812VB-D7B	ADDA	○●	12	0,40	78,11	72,21	44,0
80x80x15	AD0812XB-D7B	ADDA	○*●	12	0,33	70,47	59,76	46,0
80x80x15	AG08012UB159000	ADDA	○	12	0,28	79,50	61,75	42,5
80x80x15	AD0812HB-D9*GP	ADDA	○●	12	0,13	59,43	29,88	36,0
80x80x15	AD0812LB-D9*GP	ADDA	○●	12	0,05	39,05	12,45	23,5
80x80x15	AD0812MB-D9*GP	ADDA	○●	12	0,10	48,39	19,92	30,0
80x80x15	AD0812UB-D9*GP	ADDA	○●	12	0,18	68,77	39,84	40,5
80x80x15	AD0812XB-D9*GP	ADDA	○●	12	0,28	78,11	49,80	44,0
80x80x15	AD0812HB-D70(T)	ADDA	○*●	12	0,11	50,47	30,38	18,8
80x80x15	AD0812LB-D70(T)	ADDA	○*●	12	0,06	31,13	12,95	24,9
80x80x15	AD0812MB-D70(T)	ADDA	○*●	12	0,08	37,02	19,42	34,4
80x80x15	AD0824HB-D70(T)	ADDA	○*●	24	0,08	50,47	30,38	24,9
80x80x15	AD0824MB-D70(T)	ADDA	○*●	24	0,04	37,02	19,42	34,4

## 80x80x15 mm up to 80x80x25 mm

◎ = Ball bearing    ※ = Sleeve bearing  
● = Hydro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>80x80x15</b>								
80x80x15	AD0812DB-D90(T)	ADDA	◎※●	12	0,07	42,38	21,41	30,2
80x80x15	AD0812HB-D90(T)	ADDA	◎※●	12	0,20	68,11	48,56	36,0
80x80x15	AD0812LB-D90(T)	ADDA	◎※●	12	0,10	50,23	29,13	40,4
80x80x15	AD0812MB-D90(T)	ADDA	◎※●	12	0,14	59,26	38,60	44,5
80x80x15	AD0812UB-D90(T)	ADDA	◎※●	12	0,26	76,44	61,75	48,0
80x80x15	AD0824DB-D90(T)	ADDA	◎※●	24	0,04	42,38	21,41	30,2
80x80x15	AD0824HB-D90(T)	ADDA	◎※●	24	0,10	68,11	48,56	36,0
80x80x15	AD0824LB-D90(T)	ADDA	◎※●	24	0,05	50,23	29,13	40,4
80x80x15	AD0824MB-D90(T)	ADDA	◎※●	24	0,06	59,26	38,60	44,5
80x80x15	AD0824UB-D90(T)	ADDA	◎※●	24	0,14	76,44	61,75	48,0
<b>80x80x20</b>								
80x80x20	AD0812HB-C7B	ADDA	◎※●	12	0,15	47,54	37,35	22,9
80x80x20	AD0812LB-C7B	ADDA	◎※●	12	0,09	30,41	17,68	28,4
80x80x20	AD0812MB-C7B	ADDA	◎※●	12	0,12	38,67	27,89	33,0
80x80x20	AD0812UB-C7B	ADDA	◎※●	12	0,20	55,19	49,80	37,5
80x80x20	AD0812VB-C7B	ADDA	◎※●	12	0,32	70,59	81,42	41,0
80x80x20	AD0812XB-C7B	ADDA	◎※●	12	0,25	63,12	64,24	45,0
80x80x20	AD0805HB-C71(N)	ADDA	◎※●	5	0,24	46,78	39,34	28,1
80x80x20	AD0805MB-C71(N)	ADDA	◎※●	5	0,17	37,81	24,40	34,0
80x80x20	AD0812HB-C71(N)	ADDA	◎※●	12	0,13	46,78	39,34	28,1
80x80x20	AD0812MB-C71(N)	ADDA	◎※●	12	0,07	37,81	24,40	34,0
80x80x20	AD0812UB-C71(N)	ADDA	◎※●	12	0,25	66,03	67,98	43,5
80x80x20	AD0824HB-C71(N)	ADDA	◎※●	24	0,07	46,78	39,34	34,0
80x80x20	AD08012HX207000	ADDA	※●	12	0,12	57,95	45,07	26,9
80x80x20	AD08012MX207000	ADDA	※●	12	0,08	47,07	30,63	33,1
80x80x20	AD08012UX207000	ADDA	※●	12	0,22	69,11	63,74	38,3
80x80x20	AD0812HB-C70(T)	ADDA	◎※●	12	0,13	48,52	37,10	23,8
80x80x20	AD0812LB-C70(T)	ADDA	◎※●	12	0,06	32,03	18,43	27,4
80x80x20	AD0812MB-C70(T)	ADDA	◎※●	12	0,08	39,64	22,66	34,9
80x80x20	AD0812UB-C70(T)	ADDA	◎※●	12	0,18	59,72	54,28	40,1
80x80x20	AD0824HB-C70(T)	ADDA	◎※●	24	0,06	48,52	37,10	27,4
80x80x20	AD0824MB-C70(T)	ADDA	◎※●	24	0,04	39,64	22,66	34,9
<b>80x80x25</b>								
80x80x25	AD08012HB2576A0(0HT)	ADDA	◎	12	0,21	76,00	61,50	23,6
80x80x25	AD08012LB2576A0(0HT)	ADDA	◎	12	0,08	39,59	20,42	37,9
80x80x25	AD08012MB2576A0(0HT)	ADDA	◎	12	0,14	61,62	43,58	32,9
80x80x25	AG08012DB257000	ADDA	◎※●	12	0,05	29,43	11,21	15,0
80x80x25	AG08012HB257000	ADDA	◎※●	12	0,15	60,62	43,33	34,0
80x80x25	AG08012LB257000	ADDA	◎※●	12	0,06	40,08	19,42	22,4

## 80x80x25 mm up to 80x80x25 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [ V ]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>80x80x25</b>								
80x80x25	AG08012MB257000	ADDA	○※●	12	0,09	50,62	31,13	29,3
80x80x25	AG08012UB257000	ADDA	○※●	12	0,24	73,21	59,26	38,9
80x80x25	AG08012XB257100	ADDA	○	12	0,33	91,79	94,62	45,0
80x80x25	AG08024DB257000	ADDA	○※●	24	0,02	29,43	11,21	15,0
80x80x25	AG08024HB257000	ADDA	○※●	24	0,10	60,62	43,33	34,0
80x80x25	AG08024LB257000	ADDA	○※●	24	0,03	40,08	19,42	22,4
80x80x25	AG08024MB257000	ADDA	○※●	24	0,05	50,62	31,13	29,3
80x80x25	AG08024UB257000	ADDA	○※●	24	0,13	73,21	59,26	38,9
80x80x25	AS08012XB259100	ADDA	○	12	0,48	115,80	86,90	52,0
80x80x25	AD0812DB-A70GL(HT)	ADDA	○※●	12	0,05	34,93	10,71	16,5
80x80x25	AD0812HB-A70GL(HT)	ADDA	○※●	12	0,21	65,62	35,36	22,3
80x80x25	AD0812LB-A70GL(HT)	ADDA	○※●	12	0,08	45,88	17,93	29,4
80x80x25	AD0812MB-A70GL(HT)	ADDA	○※●	12	0,12	54,99	25,40	35,2
80x80x25	AD0812UB-A70GL(HT)	ADDA	○※●	12	0,23	73,51	41,58	37,4
80x80x25	AD0824HB-A70GL(HT)	ADDA	○※●	24	0,10	65,62	35,36	22,3
80x80x25	AD0824LB-A70GL(HT)	ADDA	○※●	24	0,04	45,88	17,93	29,4
80x80x25	AD0824MB-A70GL(HT)	ADDA	○※●	24	0,07	54,99	25,40	35,2
80x80x25	AD0812DB-A71GL(N)	ADDA	○※●	12	0,04	36,69	11,45	14,0
80x80x25	AD0812HB-A71GL(N)	ADDA	○※●	12	0,16	68,36	38,35	21,6
80x80x25	AD0812LB-A71GL(N)	ADDA	○※●	12	0,06	45,51	19,42	28,3
80x80x25	AD0812MB-A71GL(N)	ADDA	○※●	12	0,09	56,71	29,13	33,4
80x80x25	AD0812UB-A71GL(N)	ADDA	○※●	12	0,30	89,13	65,99	40,8
80x80x25	AD0812XB-A71GL(N)	ADDA	○※●	12	0,33	96,39	75,45	43,4
80x80x25	AD0824HB-A71GL(N)	ADDA	○※●	24	0,09	68,36	38,35	28,3
80x80x25	AD0824MB-A71GL(N)	ADDA	○※●	24	0,06	56,71	29,13	33,4
80x80x25	AD0824UB-A71GL(N)	ADDA	○※●	24	0,15	89,13	65,99	40,8
80x80x25	AQ0812LB-A70GL(T)	ADDA	○	12	0,08	45,88	17,43	22,3
80x80x25	AQ0812MB-A70GL(T)	ADDA	○	12	0,12	54,98	24,90	29,4
80x80x25	AQ0824LB-A70GL(T)	ADDA	○	24	0,04	45,88	17,43	22,3
80x80x25	AQ0824MB-A70GL(T)	ADDA	○	24	0,07	54,98	24,90	29,4
80x80x25	AD0812HB-A70GL(HTCA)	ADDA	○※●	12	0,21	68,36	38,35	22,1
80x80x25	AD0812LB-A70GL(HTCA)	ADDA	○※●	12	0,08	48,20	18,68	28,3
80x80x25	AD0812MB-A70GL(HTCA)	ADDA	○※●	12	0,12	56,71	29,13	33,4
80x80x25	AD0812UB-A70GL(HTCA)	ADDA	○※●	12	0,23	78,33	50,05	38,5
80x80x25	AD0812HB-A73GP	ADDA	○	12	0,17	84,39	49,80	43,5
80x80x25	AD0812UB-A73GP	ADDA	○	12	0,27	95,09	62,25	49,0
80x80x25	AD0812VB-A73GP	ADDA	○	12	0,55	122,26	89,64	46,0
80x80x25	AD0812XB-A73GP	ADDA	○	12	0,38	113,77	74,70	38,5
80x80x25	AD0824HB-A73GP	ADDA	○	24	0,10	84,39	49,80	43,5



## 80x80x25 mm up to 80x80x38 mm

○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>80x80x25</b>								
80x80x25	AD0824UB-A73GP	ADDA	○	24	0,13	95,09	62,25	49,0
80x80x25	AD0824VB-A73GP	ADDA	○	24	0,26	122,26	89,64	46,0
80x80x25	AD0824XB-A73GP	ADDA	○	24	0,18	113,77	74,70	38,5
80x80x25	AD0848HB-A73GP	ADDA	○	48	0,05	84,39	49,80	38,5
80x80x25	AD0848UB-A73GP	ADDA	○	48	0,08	95,09	62,25	43,5
80x80x25	AD0848VB-A73GP	ADDA	○	48	0,13	122,26	89,64	46,0
80x80x25	AD0848XB-A73GP	ADDA	○	48	0,11	113,77	74,70	49,0
<b>80x80x32</b>								
80x80x32	AD08012DB327B00	ADDA	○	12	0,13	69,96	51,05	40,4
80x80x32	AD08012HB327B00	ADDA	○	12	0,50	127,01	159,36	34,0
80x80x32	AD08012LB327B00	ADDA	○	12	0,25	88,64	79,68	45,6
80x80x32	AD08012MB327B00	ADDA	○	12	0,35	109,35	119,52	50,2
80x80x32	AD08012UB327B00	ADDA	○	12	0,76	149,25	209,16	53,5
80x80x32	AD08012XB327B00	ADDA	○	12	1,15	164,71	258,96	58,0
80x80x32	AD0812HB-Y51(N)	ADDA	○	12	0,19	83,20	72,71	35,5
80x80x32	AD0812LB-Y51(N)	ADDA	○	12	0,11	67,20	46,56	36,7
80x80x32	AD0812MB-Y51(N)	ADDA	○	12	0,16	76,01	60,01	42,4
80x80x32	AD0824HB-Y51(N)	ADDA	○	24	0,12	83,20	72,71	35,5
80x80x32	AD0824LB-Y51(N)	ADDA	○	24	0,07	67,20	46,56	36,7
80x80x32	AD0824MB-Y51(N)	ADDA	○	24	0,10	76,01	60,01	42,4
80x80x32	AD0848HB-Y51	ADDA	○	48	0,08	83,20	72,71	35,5
80x80x32	AD0848LB-Y51	ADDA	○	48	0,06	67,20	46,56	36,7
80x80x32	AD0848MB-Y51	ADDA	○	48	0,07	76,01	60,01	42,4
80x80x32	AD0812UB-Y51(NCU)	ADDA	○	12	0,23	94,05	78,68	44,0
80x80x32	AD0824UB-Y51(NCU)	ADDA	○	24	0,15	94,05	78,68	44,0
80x80x32	AD0848UB-Y51(NCU)	ADDA	○	48	0,11	94,05	78,68	44,0
<b>80x80x38</b>								
80x80x38	AS08012HB385BB2	ADDA	○	12	4,10	239,16	978,07	65,4
80x80x38	AS08012LB385BB2	ADDA	○	12	1,45	170,42	517,92	67,6
80x80x38	AS08012MB385BB2	ADDA	○	12	2,30	206,86	724,59	71,6
80x80x38	AS08012DB389B00	ADDA	○	12	0,80	139,62	225,10	55,0
80x80x38	AS08012HB389B00	ADDA	○	12	2,50	227,02	500,49	58,9
80x80x38	AS08012LB389B00	ADDA	○	12	1,25	168,85	301,79	61,9
80x80x38	AS08012MB389B00	ADDA	○	12	1,80	193,59	402,14	64,6
80x80x38	AS08024DB389B00	ADDA	○	24	0,37	139,62	225,10	64,6
80x80x38	AS08024HB389B00	ADDA	○	24	1,12	227,02	500,49	61,9
80x80x38	AS08024LB389B00	ADDA	○	24	0,59	168,85	301,79	58,9
80x80x38	AS08024MB389B00	ADDA	○	24	0,80	193,59	402,14	55,0
80x80x38	AS08048DB389B00	ADDA	○	48	0,21	139,62	225,10	64,6

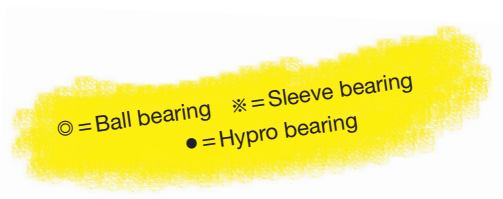
## 80x80x38 mm up to 92x92x20 mm



© = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>80x80x38</b>								
80x80x38	AS08048HB389B00	ADDA	©	48	0,57	227,02	500,49	61,9
80x80x38	AS08048LB389B00	ADDA	©	48	0,32	168,85	301,79	58,9
80x80x38	AS08048MB389B00	ADDA	©	48	0,43	193,59	402,14	55,0
80x80x38	AS08012HB385BB1	ADDA	©	12	2,34	206,63	1093,86	64,6
80x80x38	AS08012LB385BB1	ADDA	©	12	1,15	148,41	573,70	68,3
80x80x38	AS08012MB385BB1	ADDA	©	12	1,70	173,67	684,75	71,8
80x80x38	AD0812HB-F73DS	ADDA	©	12	0,54	127,35	122,01	50,5
80x80x38	AD0812UB-F73DS	ADDA	©	12	0,86	149,42	164,34	55,0
80x80x38	AD0812VB-F73DS	ADDA	©	12	2,05	186,78	261,45	60,5
80x80x38	AD0812XB-F73DS	ADDA	©	12	1,25	164,71	199,20	57,0
80x80x38	AD0824HB-F73DS	ADDA	©	24	0,30	127,35	122,01	50,5
80x80x38	AD0824UB-F73DS	ADDA	©	24	0,44	149,42	164,34	55,0
80x80x38	AD0824XB-F73DS	ADDA	©	24	0,54	164,71	199,20	57,0
80x80x38	AD0848HB-F73DS	ADDA	©	48	0,15	127,35	122,01	50,5
80x80x38	AD0848UB-F73DS	ADDA	©	48	0,23	149,42	164,34	55,0
80x80x38	AD0848XB-F73DS	ADDA	©	48	0,30	164,71	199,20	57,0
80x80x38	AD0812DB-F71(N)	ADDA	©	12	0,07	52,06	21,66	25,5
80x80x38	AD0812HB-F71(N)	ADDA	©	12	0,26	90,52	55,28	32,3
80x80x38	AD0812LB-F71(N)	ADDA	©	12	0,10	65,76	32,87	36,0
80x80x38	AD0812MB-F71(N)	ADDA	©	12	0,17	78,20	41,58	39,9
80x80x38	AD0812UB-F71(N)	ADDA	©	12	0,34	105,55	79,43	43,7
80x80x38	AD0824HB-F71(N)	ADDA	©	24	0,14	90,52	55,28	32,3
80x80x38	AD0824LB-F71(N)	ADDA	©	24	0,08	65,76	32,87	36,0
80x80x38	AD0824MB-F71(N)	ADDA	©	24	0,10	78,20	41,58	39,9
<b>80x80x76</b>								
80x80x76	AS08012DB765300	ADDA	©	12	1,40	157,93	234,31	63,7
80x80x76	AS08012HB765300	ADDA	©	12	4,60	272,85	676,53	67,2
80x80x76	AS08012LB765300	ADDA	©	12	1,90	189,19	347,11	77,1
80x80x76	AS08012MB765300	ADDA	©	12	3,10	218,31	469,61	72,4
<b>92x92x20</b>								
92x92x20	AD0912HB-C71(N)	ADDA	©※●	12	0,11	53,75	30,38	36,7
92x92x20	AD0912MB-C71(N)	ADDA	©※●	12	0,08	48,16	25,15	34,0
92x92x20	AD0924HB-C71(N)	ADDA	©※●	24	0,09	53,75	30,38	36,7
92x92x20	AD0924MB-C71(N)	ADDA	©※●	24	0,07	48,16	25,15	34,0
92x92x20	AD0912HB-C70(T)	ADDA	©※●	12	0,15	53,75	30,38	36,7
92x92x20	AD0912MB-C70(T)	ADDA	©※●	12	0,12	48,16	25,15	34,0
92x92x20	AD0924HB-C70(T)	ADDA	©※●	24	0,09	53,75	30,38	36,7
92x92x20	AD0924MB-C70(T)	ADDA	©※●	24	0,06	48,16	25,15	34,0

## 92x92x25 mm



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>92x92x25</b>								
92x92x25	AQ0912LB-A70GL(T)	ADDA	○	12	0,10	69,09	20,17	29,2
92x92x25	AQ0912MB-A70GL(T)	ADDA	○	12	0,15	75,82	25,15	31,2
92x92x25	AD09212UB2573A0(0TXHT)	ADDA	●	12	0,20	92,54	43,08	36,4
92x92x25	AG09212DB257000	ADDA	○※●	12	0,05	47,03	13,70	26,0
92x92x25	AG09212HB257000	ADDA	○※●	12	0,24	93,39	49,80	43,3
92x92x25	AG09212LB257000	ADDA	○※●	12	0,09	62,83	23,16	31,2
92x92x25	AG09212MB257000	ADDA	○※●	12	0,17	77,77	34,11	37,5
92x92x25	AG09212UB257000	ADDA	○※●	12	0,31	103,07	58,52	46,0
92x92x25	AG09212XB257000	ADDA	○※●	12	0,45	119,81	74,70	50,0
92x92x25	AG09224DB257000	ADDA	○※●	24	0,03	47,03	13,70	26,0
92x92x25	AG09224HB257000	ADDA	○※●	24	0,14	93,39	49,80	43,3
92x92x25	AG09224LB257000	ADDA	○※●	24	0,06	62,83	23,16	31,2
92x92x25	AG09224MB257000	ADDA	○※●	24	0,11	77,77	34,11	37,5
92x92x25	AG09224UB257000	ADDA	○※●	24	0,18	103,07	58,52	46,0
92x92x25	AG09212DB257010	ADDA	○	12	0,13	65,15	20,92	26,3
92x92x25	AG09212HB257010	ADDA	○	12	0,31	109,63	59,26	32,1
92x92x25	AG09212LB257010	ADDA	○	12	0,16	81,90	31,87	36,5
92x92x25	AG09212MB257010	ADDA	○	12	0,22	98,09	49,80	39,2
92x92x25	AG09212UB257010	ADDA	○	12	0,35	120,56	70,22	42,0
92x92x25	AD0912DB-A71GL(N)	ADDA	○※●	12	0,05	51,45	8,47	19,1
92x92x25	AD0912HB-A71GL(N)	ADDA	○※●	12	0,18	95,21	36,35	30,0
92x92x25	AD0912LB-A71GL(N)	ADDA	○※●	12	0,09	74,70	23,16	34,5
92x92x25	AD0912MB-A71GL(N)	ADDA	○※●	12	0,14	83,81	30,88	37,5
92x92x25	AD0912UB-A71GL(N)	ADDA	○※●	12	0,27	105,16	46,56	42,2
92x92x25	AD0924HB-A71GL(N)	ADDA	○※●	24	0,11	95,21	36,35	30,0
92x92x25	AD0924LB-A71GL(N)	ADDA	○※●	24	0,08	74,70	23,16	34,5
92x92x25	AD0924MB-A71GL(N)	ADDA	○※●	24	0,09	83,81	30,88	37,5
92x92x25	AD0924UB-A71GL(N)	ADDA	○※●	24	0,16	105,16	46,56	42,2
92x92x25	AD0948HB-A71GL	ADDA	○	48	0,11	95,21	36,35	37,5
92x92x25	AD0912DB-A70GL(HT)	ADDA	○※●	12	0,06	51,45	8,47	19,1
92x92x25	AD0912HB-A70GL(HT)	ADDA	○※●	12	0,24	95,21	36,35	29,2
92x92x25	AD0912LB-A70GL(HT)	ADDA	○※●	12	0,10	69,09	20,17	31,2
92x92x25	AD0912MB-A70GL(HT)	ADDA	○※●	12	0,15	75,82	25,15	37,5
92x92x25	AD0912UB-A70GL(HT)	ADDA	○※●	12	0,28	105,16	46,56	42,2
92x92x25	AD0924HB-A70GL(HT)	ADDA	○※●	24	0,15	95,21	36,35	29,2
92x92x25	AD0924LB-A70GL(HT)	ADDA	○※●	24	0,05	69,09	20,17	31,2
92x92x25	AD0924MB-A70GL(HT)	ADDA	○※●	24	0,08	75,82	25,15	37,5
92x92x25	AD0912HB-A73GP	ADDA	○	12	0,19	101,88	44,82	44,0
92x92x25	AD0912UB-A73GP	ADDA	○	12	0,35	122,26	57,27	48,0

## 92x92x25 mm up to 92x92x38 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>92x92x25</b>								
92x92x25	AD0912XB-A73GP	ADDA	○	12	0,47	141,78	69,72	39,5
92x92x25	AD0924HB-A73GP	ADDA	○	24	0,12	101,88	44,82	44,0
92x92x25	AD0924UB-A73GP	ADDA	○	24	0,18	122,26	57,27	48,0
92x92x25	AD0924XB-A73GP	ADDA	○	24	0,24	141,78	69,72	39,5
92x92x25	AD0948HB-A73GP	ADDA	○	48	0,08	101,88	44,82	48,0
92x92x25	AD0948UB-A73GP	ADDA	○	48	0,12	122,26	57,27	39,5
92x92x25	AD0948XB-A73GP	ADDA	○	48	0,16	141,78	69,72	44,0
<b>92x92x32</b>								
92x92x32	AD0912HB-Y71GL(N)	ADDA	○	12	0,36	117,08	70,72	34,7
92x92x32	AD0912LB-Y71GL(N)	ADDA	○	12	0,16	81,58	35,36	39,5
92x92x32	AD0912MB-Y71GL(N)	ADDA	○	12	0,24	100,14	47,06	44,0
92x92x32	AD0912UB-Y71GL(N)	ADDA	○	12	0,45	131,06	92,38	50,0
92x92x32	AD0924HB-Y71GL(N)	ADDA	○	24	0,21	117,08	70,72	34,7
92x92x32	AD0924LB-Y71GL(N)	ADDA	○	24	0,08	81,58	35,36	39,5
92x92x32	AD0924MB-Y71GL(N)	ADDA	○	24	0,14	100,14	47,06	44,0
<b>92x92x38</b>								
92x92x38	AS09212HB389BB0	ADDA	○	12	2,24	256,40	325,69	68,0
92x92x38	AS09212LB389BB0	ADDA	○	12	0,98	179,99	160,11	55,0
92x92x38	AS09212MB389BB0	ADDA	○	12	1,55	215,65	230,57	61,0
92x92x38	AS09212UB389BB0	ADDA	○	12	3,50	295,45	425,29	64,0
92x92x38	AS09248HB389BB0	ADDA	○	48	0,60	256,40	325,69	55,0
92x92x38	AS09248LB389BB0	ADDA	○	48	0,30	179,99	160,11	61,0
92x92x38	AS09248MB389BB0	ADDA	○	48	0,45	215,65	230,57	64,0
92x92x38	AS09248UB389BB0	ADDA	○	48	0,90	295,45	425,29	68,0
92x92x38	AD0912HB-F93DS	ADDA	○	12	0,75	183,38	124,50	52,5
92x92x38	AD0912UB-F93DS	ADDA	○	12	0,98	200,36	146,91	55,0
92x92x38	AD0912VB-F93DS	ADDA	○	12	2,25	253,00	231,57	62,0
92x92x38	AD0912XB-F93DS	ADDA	○	12	1,38	229,23	184,26	58,5
92x92x38	AD0924HB-F93DS	ADDA	○	24	0,33	183,38	124,50	52,5
92x92x38	AD0924UB-F93DS	ADDA	○	24	0,47	200,36	146,91	55,0
92x92x38	AD0924XB-F93DS	ADDA	○	24	0,65	229,23	184,26	58,5
92x92x38	AD0948HB-F93DS	ADDA	○	48	0,19	183,38	124,50	52,5
92x92x38	AD0948UB-F93DS	ADDA	○	48	0,25	200,36	146,91	55,0
92x92x38	AD0948XB-F93DS	ADDA	○	48	0,35	229,23	184,26	58,5
92x92x38	AD0912HB-F9BGP	ADDA	○	12	0,75	178,29	112,05	53,0
92x92x38	AD0912UB-F9BGP	ADDA	○	12	0,98	195,27	131,97	56,5
92x92x38	AD0912VB-F9BGP	ADDA	○	12	2,20	251,30	211,65	63,0
92x92x38	AD0912XB-F9BGP	ADDA	○	12	1,38	220,74	166,83	59,5
92x92x38	AD0924HB-F9BGP	ADDA	○	24	0,33	178,29	112,05	53,0

## 92x92x38 mm up to 120x120x25 mm

○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>92x92x38</b>								
92x92x38	AD0924UB-F9BGP	ADDA	○	24	0,47	195,27	131,97	56,5
92x92x38	AD0924XB-F9BGP	ADDA	○	24	0,65	220,74	166,83	59,5
92x92x38	AD0948HB-F9BGP	ADDA	○	48	0,19	178,29	112,05	53,0
92x92x38	AD0948UB-F9BGP	ADDA	○	48	0,25	195,27	131,97	56,5
92x92x38	AD0948XB-F9BGP	ADDA	○	48	0,35	220,74	166,83	59,5
<b>120x120x25</b>								
120x120x25	AG12012DB257100	ADDA	○※●	12	0,12	97,91	30,88	31,1
120x120x25	AG12012HB257100	ADDA	○※●	12	0,30	160,78	77,19	44,8
120x120x25	AG12012LB257100	ADDA	○※●	12	0,15	113,79	42,08	34,6
120x120x25	AG12012MB257100	ADDA	○※●	12	0,21	129,19	53,04	38,4
120x120x25	AG12012UB257100	ADDA	○※●	12	0,48	180,45	97,61	49,1
120x120x25	AG12012XB257100	ADDA	○※●	12	0,80	208,72	119,52	52,0
120x120x25	AG12024DB257100	ADDA	○※●	24	0,07	97,91	30,88	31,1
120x120x25	AG12024HB257100	ADDA	○※●	24	0,16	160,78	77,19	44,8
120x120x25	AG12024LB257100	ADDA	○※●	24	0,08	113,79	42,08	34,6
120x120x25	AG12024MB257100	ADDA	○※●	24	0,11	129,19	52,79	38,4
120x120x25	AG12024UB257100	ADDA	○※●	24	0,25	180,45	97,61	49,1
120x120x25	AG12024XB257100	ADDA	○※●	24	0,32	208,72	119,52	52,0
120x120x25	AG12048HB257100	ADDA	○※●	48	0,11	160,78	77,19	44,8
120x120x25	AG12048LB257100	ADDA	○※●	48	0,05	113,79	42,08	34,6
120x120x25	AG12048MB257100	ADDA	○※●	48	0,06	129,19	52,79	38,4
120x120x25	AG12048UB257100	ADDA	○※●	48	0,14	180,45	97,61	49,1
120x120x25	AS12012HB25A100	ADDA	○	12	1,06	274,24	110,31	57,8
120x120x25	AS12012LB25A100	ADDA	○	12	0,66	213,64	68,97	51,0
120x120x25	AS12012MB25A100	ADDA	○	12	0,84	256,00	96,36	54,7
120x120x25	AS12012UB25A100	ADDA	○	12	1,42	298,67	130,23	58,6
120x120x25	AS12024HB25A100	ADDA	○	24	0,55	274,24	110,31	57,8
120x120x25	AS12024LB25A100	ADDA	○	24	0,28	213,64	68,97	51,0
120x120x25	AS12024MB25A100	ADDA	○	24	0,43	256,00	96,36	54,7
120x120x25	AS12024UB25A100	ADDA	○	24	0,71	298,67	130,23	58,6
120x120x25	AS12048HB25A100	ADDA	○	48	0,30	274,24	110,31	57,8
120x120x25	AS12048LB25A100	ADDA	○	48	0,17	213,64	68,97	51,0
120x120x25	AS12048MB25A100	ADDA	○	48	0,23	256,00	96,36	54,7
120x120x25	AS12048UB25A100	ADDA	○	48	0,37	298,67	130,23	58,6
120x120x25	AD12012DB257000	ADDA	○	12	0,06	88,44	17,68	27,4
120x120x25	AD12012HB257000	ADDA	○	12	0,19	131,11	37,85	33,0
120x120x25	AD12012LB257000	ADDA	○	12	0,12	107,06	25,40	36,3
120x120x25	AD12012MB257000	ADDA	○	12	0,15	121,07	32,87	38,4
120x120x25	AD12012UB257000	ADDA	○	12	0,29	152,55	47,56	41,6



120x120x25 mm up to 120x120x32 mm



⊙ = Ball bearing   \* = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>120x120x25</b>								
120x120x25	AD1212DB-A71GL	ADDA	⊙*●	12	0,11	97,13	18,43	27,2
120x120x25	AD1212HB-A71GL	ADDA	⊙*●	12	0,29	149,20	33,37	39,1
120x120x25	AD1212LB-A71GL	ADDA	⊙*●	12	0,15	121,93	23,16	34,4
120x120x25	AD1212MB-A71GL	ADDA	⊙*●	12	0,16	137,63	28,14	38,0
120x120x25	AD1212UB-A71GL	ADDA	⊙*●	12	0,39	168,04	43,33	43,3
120x120x25	AD1224DB-A71GL	ADDA	⊙*●	24	0,07	97,13	18,43	27,2
120x120x25	AD1224HB-A71GL	ADDA	⊙*●	24	0,13	149,20	33,37	39,1
120x120x25	AD1224LB-A71GL	ADDA	⊙*●	24	0,10	121,93	23,16	34,4
120x120x25	AD1224MB-A71GL	ADDA	⊙*●	24	0,13	137,63	28,14	38,0
120x120x25	AD1224UB-A71GL	ADDA	⊙*●	24	0,19	168,04	43,33	43,3
120x120x25	AD1248HB-A71GL	ADDA	⊙*●	48	0,10	149,20	33,37	39,1
120x120x25	AD1248UB-A71GL	ADDA	⊙*●	48	0,12	168,04	43,33	43,3
120x120x25	AQ1212DB-A71GL	ADDA	⊙	12	0,11	97,13	18,43	27,2
120x120x25	AQ1212HB-A71GL	ADDA	⊙	12	0,29	149,20	33,37	39,1
120x120x25	AQ1212LB-A71GL	ADDA	⊙	12	0,15	121,93	23,16	34,3
120x120x25	AQ1212MB-A71GL	ADDA	⊙	12	0,16	137,63	28,14	38,0
120x120x25	AQ1224DB-A71GL	ADDA	⊙	24	0,06	97,13	18,43	27,2
120x120x25	AQ1224HB-A71GL	ADDA	⊙	24	0,13	149,20	33,37	39,1
120x120x25	AQ1224LB-A71GL	ADDA	⊙	24	0,08	121,93	23,16	34,3
120x120x25	AQ1224MB-A71GL	ADDA	⊙	24	0,11	137,63	28,14	38,0
<b>120x120x32</b>								
120x120x32	AD1212DB-Y51	ADDA	⊙*●	12	0,08	100,96	18,68	26,9
120x120x32	AD1212HB-Y51	ADDA	⊙*●	12	0,32	189,68	60,01	43,3
120x120x32	AD1212LB-Y51	ADDA	⊙*●	12	0,19	140,90	30,63	36,2
120x120x32	AD1212MB-Y51	ADDA	⊙*●	12	0,26	168,22	41,58	41,1
120x120x32	AD1212UB-Y51	ADDA	⊙*●	12	0,51	226,58	78,93	48,4
120x120x32	AD1224DB-Y51	ADDA	⊙*●	24	0,05	100,96	18,68	26,9
120x120x32	AD1224HB-Y51	ADDA	⊙*●	24	0,21	189,68	60,01	43,3
120x120x32	AD1224LB-Y51	ADDA	⊙*●	24	0,10	140,90	30,63	36,2
120x120x32	AD1224MB-Y51	ADDA	⊙*●	24	0,16	168,22	41,58	41,1
120x120x32	AD1224UB-Y51	ADDA	⊙*●	24	0,32	226,58	78,93	43,3
120x120x32	AD1248HB-Y51	ADDA	⊙*●	48	0,11	189,68	60,01	48,4
120x120x32	AD1248UB-Y51	ADDA	⊙*●	48	0,15	226,58	78,93	48,4
120x120x32	AD12012DB325000	ADDA	⊙	12	0,06	93,07	19,67	25,7
120x120x32	AD12012HB325000	ADDA	⊙	12	0,33	180,82	58,27	40,0
120x120x32	AD12012LB325000	ADDA	⊙	12	0,12	130,60	36,85	45,4
120x120x32	AD12012MB325000	ADDA	⊙	12	0,20	155,55	47,06	35,3

## 120x120x38 mm

◎ = Ball bearing    ※ = Sleeve bearing  
● = Hypro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>120x120x38</b>								
120x120x38	AD1212DB-F51(N)	ADDA	◎※●	12	0,12	97,28	21,17	28,4
120x120x38	AD1212HB-F51(N)	ADDA	◎※●	12	0,39	179,07	65,99	46,7
120x120x38	AD1212LB-F51(N)	ADDA	◎※●	12	0,22	121,64	31,87	36,2
120x120x38	AD1212MB-F51(N)	ADDA	◎※●	12	0,34	163,52	56,77	45,0
120x120x38	AD1212UB-F51(N)	ADDA	◎※●	12	0,62	203,95	83,42	48,0
120x120x38	AD1224DB-F51(N)	ADDA	◎※●	24	0,07	97,28	21,17	28,4
120x120x38	AD1224HB-F51(N)	ADDA	◎※●	24	0,26	179,07	65,99	46,7
120x120x38	AD1224LB-F51(N)	ADDA	◎※●	24	0,10	121,64	31,87	36,2
120x120x38	AD1224MB-F51(N)	ADDA	◎※●	24	0,20	163,52	56,77	45,0
120x120x38	AD1224UB-F51(N)	ADDA	◎※●	24	0,38	203,95	83,42	48,0
120x120x38	AD1248HB-F51(N)	ADDA	◎※●	48	0,18	179,07	65,99	46,7
120x120x38	AD1248LB-F51(N)	ADDA	◎※●	48	0,09	121,64	31,87	36,2
120x120x38	AD1248MB-F51(N)	ADDA	◎※●	48	0,13	163,52	56,77	45,0
120x120x38	AD1248UB-F51(N)	ADDA	◎※●	48	0,22	203,95	83,42	48,0
120x120x38	AD1212DB-F91GP(F)	ADDA	◎	12	0,49	221,66	73,46	48,5
120x120x38	AD1212HB-F91GP(FM)	ADDA	◎	12	1,62	339,14	155,63	61,0
120x120x38	AD1212LB-F91GP(FCU)	ADDA	◎	12	0,70	254,90	95,37	52,5
120x120x38	AD1212MB-F91GP(FCU)	ADDA	◎	12	0,96	308,36	131,97	57,5
120x120x38	AD1224DB-F91GP(F)	ADDA	◎	24	0,23	221,66	73,46	48,5
120x120x38	AD1224HB-F91GP(FM)	ADDA	◎	24	0,80	339,14	155,63	61,0
120x120x38	AD1224LB-F91GP(FCU)	ADDA	◎	24	0,36	254,90	95,37	52,5
120x120x38	AD1224MB-F91GP(FCU)	ADDA	◎	24	0,58	308,36	131,97	57,5
120x120x38	AD1224UB-F91GP(FM)	ADDA	◎	24	1,15	375,94	186,00	63,0
120x120x38	AD1248DB-F91GP(F)	ADDA	◎	48	0,16	221,66	73,46	48,5
120x120x38	AD1248HB-F91GP(FM)	ADDA	◎	48	0,44	339,14	155,63	61,0
120x120x38	AD1248LB-F91GP(FCU)	ADDA	◎	48	0,18	254,90	95,37	52,5
120x120x38	AD1248MB-F91GP(FCU)	ADDA	◎	48	0,28	308,36	131,97	57,5
120x120x38	AD1248UB-F91GP(FM)	ADDA	◎	48	0,58	375,94	186,00	63,0
120x120x38	AS12012DB389B00	ADDA	◎	12	0,60	206,51	102,59	49,1
120x120x38	AS12012HB389B00	ADDA	◎	12	3,70	424,53	368,52	56,9
120x120x38	AS12012LB389B00	ADDA	◎	12	1,30	275,16	170,07	62,6
120x120x38	AS12012MB389B00	ADDA	◎	12	2,30	351,88	258,46	68,6
120x120x38	AS12024DB389B00	ADDA	◎	24	0,35	206,51	102,59	49,1
120x120x38	AS12024HB389B00	ADDA	◎	24	1,75	424,53	368,52	56,9
120x120x38	AS12024LB389B00	ADDA	◎	24	0,65	275,16	170,07	62,6
120x120x38	AS12024MB389B00	ADDA	◎	24	1,05	351,88	258,46	68,6
120x120x38	AS12048DB389B00	ADDA	◎	48	0,20	206,51	102,59	49,1
120x120x38	AS12048HB389B00	ADDA	◎	48	0,85	424,53	368,52	56,9
120x120x38	AS12048LB389B00	ADDA	◎	48	0,35	275,16	170,07	62,6

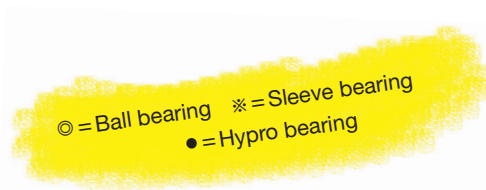
## 120x120x38 mm up to 127x127x38 mm



◎ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>120x120x38</b>								
120x120x38	AS12048MB389B00	ADDA	◎	48	0,55	351,88	258,46	68,6
120x120x38	AD12012DB385000(0F)	ADDA	◎	12	0,08	91,15	21,41	28,0
120x120x38	AD12012HB385000(0F)	ADDA	◎	12	0,48	171,16	65,24	44,4
120x120x38	AD12012LB385000(0F)	ADDA	◎	12	0,15	115,93	35,86	36,7
120x120x38	AD12012MB385000(0F)	ADDA	◎	12	0,33	154,91	56,52	46,5
120x120x38	AQ1212DB-F51(FN)	ADDA	◎	12	0,11	97,28	21,17	28,4
120x120x38	AQ1212HB-F51(FN)	ADDA	◎	12	0,45	179,07	65,99	36,2
120x120x38	AQ1212LB-F51(FN)	ADDA	◎	12	0,19	121,64	31,87	45,0
120x120x38	AQ1212MB-F51(FN)	ADDA	◎	12	0,33	163,52	56,77	46,7
120x120x38	AQ1224DB-F51(FN)	ADDA	◎	24	0,08	97,28	21,17	28,4
120x120x38	AQ1224HB-F51(FN)	ADDA	◎	24	0,24	179,07	65,99	36,2
120x120x38	AQ1224LB-F51(FN)	ADDA	◎	24	0,12	121,64	31,87	45,0
120x120x38	AQ1224MB-F51(FN)	ADDA	◎	24	0,19	163,52	56,77	46,7
120x120x38	AQ1248HB-F51(FN)	ADDA	◎	48	0,18	179,07	65,99	36,2
120x120x38	AQ1248LB-F51(FN)	ADDA	◎	48	0,06	121,64	31,87	45,0
120x120x38	AQ1248MB-F51(FN)	ADDA	◎	48	0,10	163,52	56,77	46,7
<b>127x127x38</b>								
127x127x38	AD1312HB-F51	ADDA	◎	12	0,65	273,67	87,15	53,0
127x127x38	AD1312LB-F51	ADDA	◎	12	0,25	182,52	40,34	41,0
127x127x38	AD1312MB-F51	ADDA	◎	12	0,38	226,95	59,51	47,5
127x127x38	AD1312UB-F51(CU)	ADDA	◎	12	1,06	328,35	115,04	56,0
127x127x38	AD1312XB-F51(M)	ADDA	◎	12	1,95	384,81	138,69	62,0
127x127x38	AD1324HB-F51	ADDA	◎	24	0,36	273,67	87,15	53,0
127x127x38	AD1324LB-F51	ADDA	◎	24	0,15	182,52	40,34	41,0
127x127x38	AD1324MB-F51	ADDA	◎	24	0,22	226,95	59,51	47,5
127x127x38	AD1324UB-F51(CU)	ADDA	◎	24	0,50	328,35	115,04	56,0
127x127x38	AD1324VB-F51(M)	ADDA	◎	24	1,10	411,16	156,87	64,5
127x127x38	AD1324XB-F51(M)	ADDA	◎	24	0,94	384,81	138,69	62,0
127x127x38	AD1348HB-F51	ADDA	◎	48	0,21	273,67	87,15	53,0
127x127x38	AD1348LB-F51	ADDA	◎	48	0,11	182,52	40,34	41,0
127x127x38	AD1348MB-F51	ADDA	◎	48	0,15	226,95	59,51	47,5
127x127x38	AD1348UB-F51(CU)	ADDA	◎	48	0,31	328,35	115,04	56,0
127x127x38	AD1348VB-F51(M)	ADDA	◎	48	0,64	411,16	156,87	64,5
127x127x38	AD1348XB-F51(M)	ADDA	◎	48	0,50	384,81	140,86	62,0
127x127x38	AG12712HB385B00(0M)	ADDA	◎	12	0,83	273,55	231,57	46,0
127x127x38	AG12712LB385B00(0CU)	ADDA	◎	12	0,29	180,96	122,76	53,9
127x127x38	AG12712MB385B00(0M)	ADDA	◎	12	0,63	243,53	192,73	57,0
127x127x38	AG12712UB385B00(0M)	ADDA	◎	12	1,16	301,18	270,91	59,4
127x127x38	AG12724HB385B00(0M)	ADDA	◎	24	0,43	273,55	231,57	46,0

## 127x127x38 mm up to 140x140x51 mm



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m <sup>3</sup> /h]	Pressure [Pa]	Noise [dB(A)]
<b>127x127x38</b>								
127x127x38	AG12724LB385B00(OCU)	ADDA	●	24	0,15	180,96	122,76	53,9
127x127x38	AG12724MB385B00(OM)	ADDA	●	24	0,30	243,53	192,73	57,0
127x127x38	AG12724UB385B00(OM)	ADDA	●	24	0,55	301,18	270,91	59,4
127x127x38	AG12724XB385B00(OM)	ADDA	●	24	0,73	337,58	316,98	62,0
127x127x38	AG12748HB385B00(OM)	ADDA	●	48	0,23	273,55	231,57	46,0
127x127x38	AG12748LB385B00(OCU)	ADDA	●	48	0,09	180,96	122,76	53,9
127x127x38	AG12748MB385B00(OM)	ADDA	●	48	0,17	243,53	192,73	57,0
127x127x38	AG12748UB385B00(OM)	ADDA	●	48	0,29	301,18	270,91	59,4
127x127x38	AG12748XB385B00(OM)	ADDA	●	48	0,38	337,58	316,98	62,0
<b>135x135x25</b>								
135x135x25	ADN512DB-A91	ADDA	●	12	0,12	110,94	19,92	28,5
135x135x25	ADN512HB-A91	ADDA	●	12	0,28	161,94	47,31	39,0
135x135x25	ADN512LB-A91	ADDA	●	12	0,18	132,36	26,64	33,6
135x135x25	ADN512MB-A91	ADDA	●	12	0,20	153,07	34,36	37,8
135x135x25	ADN512UB-A91	ADDA	●	12	0,31	184,45	58,02	42,5
135x135x25	ADN512XB-A91	ADDA	●	12	0,47	228,98	78,44	49,7
135x135x25	AD13512DB259000	ADDA	●	12	0,07	99,33	22,91	33,9
135x135x25	AD13512HB259000	ADDA	●	12	0,18	147,48	44,57	28,0
135x135x25	AD13512LB259000	ADDA	●	12	0,12	120,28	31,37	37,9
135x135x25	AD13512MB259000	ADDA	●	12	0,16	141,00	41,33	39,6
135x135x25	AD13512UB259000	ADDA	●	12	0,29	169,35	55,53	42,8
<b>140x140x38</b>								
140x140x38	AS014012HB387BB0(0L6)	ADDA	●	12	1,75	339,60	274,40	56,7
140x140x38	AS014012LB387BB0(0L6)	ADDA	●	12	0,80	251,30	168,08	57,8
140x140x38	AS014012MB387BB0(0L6)	ADDA	●	12	1,26	295,45	215,63	61,4
140x140x38	AS014012UB387BB0(0L6)	ADDA	●	12	2,20	382,05	347,85	66,3
140x140x38	AS014012XB387BB0	ADDA	●	12	4,00	461,01	501,74	68,2
140x140x38	AS014012XB387BB0(0L6)	ADDA	●	12	3,20	424,50	421,31	70,2
<b>140x140x51</b>								
140x140x51	AS14012HB519B00	ADDA	●	12	3,20	538,10	207,67	56,0
140x140x51	AS14012LB519B00	ADDA	●	12	1,80	403,28	128,24	60,0
140x140x51	AS14012MB519B00	ADDA	●	12	2,80	470,01	166,58	64,0
140x140x51	AS14024HB519B00	ADDA	●	24	1,50	538,10	207,67	56,0
140x140x51	AS14024LB519B00	ADDA	●	24	0,80	403,28	128,24	60,0
140x140x51	AS14024MB519B00	ADDA	●	24	1,10	470,01	166,58	64,0
140x140x51	AS14048HB519B00	ADDA	●	48	0,73	538,10	207,67	56,0
140x140x51	AS14048LB519B00	ADDA	●	48	0,36	403,28	128,24	60,0
140x140x51	AS14048MB519B00	ADDA	●	48	0,51	470,01	166,58	64,0

172x150x51 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

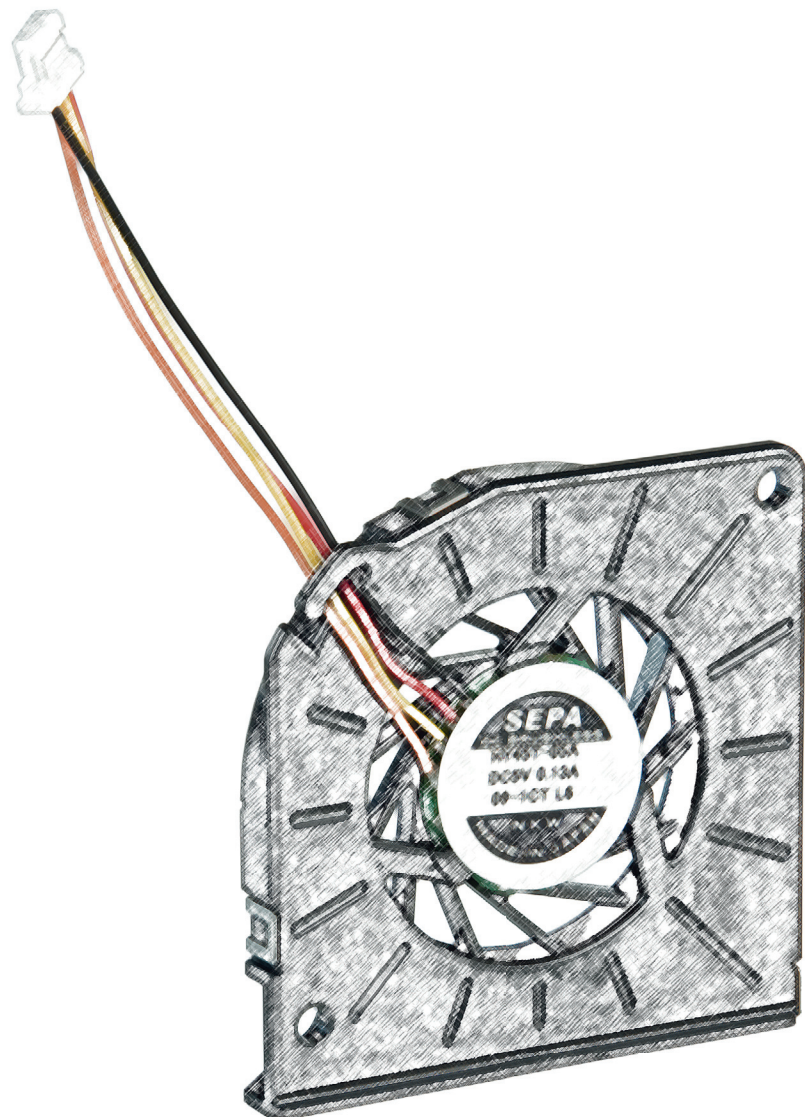
Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>172x150x51</b>								
172x150x51	AD17212DB5151M0(0CW)	ADDA	○	12	1,65	449,97	186,75	58,8
172x150x51	AD17212LB5151M0(0CW)	ADDA	○	12	2,30	500,91	221,61	60,6
172x150x51	AD17224DB5151M0(0CW)	ADDA	○	24	0,83	449,97	186,75	58,8
172x150x51	AD17224HB5151M0(0CW)	ADDA	○	24	1,95	614,68	331,17	60,6
172x150x51	AD17224LB5151M0(0CW)	ADDA	○	24	1,10	500,91	221,61	64,0
172x150x51	AD17224MB5151M0(0CW)	ADDA	○	24	1,45	555,25	266,43	65,7
172x150x51	AD17224UB5151M0(0CW)	ADDA	○	24	2,56	708,07	420,81	67,9
172x150x51	AD17248DB5151M0(0CW)	ADDA	○	48	0,43	449,97	186,75	58,8
172x150x51	AD17248HB5151M0(0CW)	ADDA	○	48	1,05	614,68	331,17	60,6
172x150x51	AD17248LB5151M0(0CW)	ADDA	○	48	0,57	500,91	221,61	64,0
172x150x51	AD17248MB5151M0(0CW)	ADDA	○	48	0,77	555,25	266,43	65,7
172x150x51	AD17248UB5151M0(0CW)	ADDA	○	48	1,25	708,07	420,81	67,9

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## DC Radial Fans



## 30x30x10 mm up to 45x45x10 mm

**DC radial fans** are excellent for achieving high static pressure with small dimensions. This is of particular interest, when flat housings require cooling via a heat sink. It is not without reason that DC radial fans are to be found in all notebooks. And even for extra flat ultra-books, these specialists are first choice. SEPA offers DC radial fans from 30mm to 120mm, in 5V, 12V and 24V, as well as with tachometer and PWM input. The height begins at a mere 5mm.

All fans boast the reliability that you expect from SEPA and a performance that convinces.

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or contact us directly!



⊙ = Ball bearing   \* = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>30x30x10</b>								
30x30x10	AB0305MB-GA0	ADDA	⊙●	5	0,083	1,68	43,33	29,8
30x30x10	AB0312HB-GA0	ADDA	⊙●	12	0,087	1,86	54,78	34,0
30x30x10	AB0312MB-GA0	ADDA	⊙●	12	0,065	1,68	43,33	29,8
<b>35x35</b>								
35x35x5	HYB35D05	SEPA	⊙	5	0,14	0,90	27,40	27,0
35x35x7	HYB35E05	SEPA	⊙	5	0,15	1,50	47,00	28,0
35x35x7	AB3505LX-QB0	ADDA	●	5	0,103	1,53	31,37	20,0
35x35x7	AB3505MX-QB0	ADDA	●	5	0,14	1,70	43,33	25,5
35x35x7	AB3512MX-QB0	ADDA	●	12	0,095	1,70	43,33	25,5
35x35x7,5	HYB35C05	SEPA	⊙	5	0,08	1,62	29,40	27,0
35x35x10	AB3505HB-GA0	ADDA	⊙●	5	0,145	2,58	53,78	30,7
35x35x10	AB3505LB-GA0	ADDA	⊙●	5	0,076	1,70	38,35	23,0
35x35x10	AB3505MB-GA0	ADDA	⊙●	5	0,081	2,07	38,84	27,5
35x35x10	AB3512HB-GA0	ADDA	⊙●	12	0,074	2,58	53,78	30,7
35x35x10	AB3512MB-GA0	ADDA	⊙●	12	0,062	2,07	38,84	27,5
<b>45x45</b>								
45x45x5	HY_45T05AP	SEPA	*	5	0,15	2,28	94,00	27,0
45x45x7	AB4505HB-QA0(S)	ADDA	●	5	0,12	3,09	77,19	34,2
45x45x7	AB4505LB-QA0(S)	ADDA	●	5	0,07	2,41	51,05	26,4
45x45x7	AB4505MB-QA0(S)	ADDA	●	5	0,08	2,72	65,49	31,0
45x45x7	AB4512HB-QA0(S)	ADDA	●	12	0,07	3,09	77,19	34,2
45x45x7	AB4512LB-QA0(S)	ADDA	●	12	0,04	2,41	51,05	26,4
45x45x7	AB4512MB-QA0(S)	ADDA	●	12	0,06	2,72	65,49	31,0
45x45x10	AB4505LB-GD1(B)	ADDA	⊙*●	5	0,07	3,04	39,84	26,7
45x45x10	AB4505MB-GD1(B)	ADDA	⊙*●	5	0,09	3,91	62,25	31,1
45x45x10	AB4512HB-GD0(B)	ADDA	⊙*●	12	0,09	4,58	84,66	37,0
45x45x10	AB4512LB-GD0(B)	ADDA	⊙*●	12	0,06	3,04	39,84	26,7
45x45x10	AB4512MB-GD0(B)	ADDA	⊙*●	12	0,07	3,91	62,25	31,1

## 50x50x9 mm up to 70x70x25 mm

◎ = Ball bearing    ※ = Sleeve bearing  
 ● = Hydro bearing



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>50x50</b>								
50x50x9	AB0505LB-RB1	ADDA	◎※●	5	0,06	3,54	42,33	26,5
50x50x9	AB0505MB-RB1	ADDA	◎※●	5	0,10	4,02	77,19	34,0
50x50x10	HYB50C05	SEPA	◎	5	0,12	4,80	93,00	34,0
50x50x15	AB05012MX150100	ADDA	●	12	0,13	8,29	107,07	38,8
<b>50x50x20</b>								
50x50x20	AB5012HB-C01	ADDA	◎※●	12	0,14	8,82	126,49	37,0
50x50x20	AB5012LB-C01	ADDA	◎※●	12	0,06	5,58	52,29	26,4
50x50x20	AB5012MB-C01	ADDA	◎※●	12	0,09	7,26	89,39	32,5
50x50x20	AB05012DB200300	ADDA	◎	12	0,08	7,86	84,66	25,6
50x50x20	AB05012HB200300	ADDA	◎	12	0,19	10,92	181,77	36,4
50x50x20	AB05012LB200300	ADDA	◎	12	0,12	8,88	112,05	30,1
50x50x20	AB05012MB200300	ADDA	◎	12	0,16	9,83	134,46	33,5
50x50x20	AB05012UB200300	ADDA	◎	12	0,25	12,23	221,61	39,5
<b>51x51x15</b>								
51x51x15	AB05105HB150300	ADDA	◎	5	0,20	7,08	124,50	38,0
51x51x15	AB05105LB150300	ADDA	◎	5	0,08	4,04	49,80	31,6
51x51x15	AB05105MB150300	ADDA	◎	5	0,14	5,65	87,15	37,1
51x51x15	AB05105UB150300	ADDA	◎	5	0,40	8,61	231,57	43,0
51x51x15	AB05112HB150300	ADDA	◎	12	0,12	7,08	124,50	38,0
51x51x15	AB05112LB150300	ADDA	◎	12	0,05	4,04	49,80	31,6
51x51x15	AB05112MB150300	ADDA	◎	12	0,08	5,65	87,15	37,1
51x51x15	AB05112UB150300	ADDA	◎	12	0,18	8,61	231,57	43,0
51x51x15	AB05124HB150300	ADDA	◎	24	0,10	7,08	124,50	38,0
51x51x15	AB05124UB150300	ADDA	◎	24	0,12	8,61	231,57	43,0
<b>60x60</b>								
60x60x5	HY_60Q05AP	SEPA	◎	5	0,25	4,69	105,00	28,0
60x60x12,5	HYB60A05	SEPA	◎	5	0,19	7,80	100,00	31,0
60x60x12,5	HYB60A12	SEPA	◎	12	0,09	7,92	100,00	32,0
60x60x15	AB0612UB-D03	ADDA	◎	12	0,26	14,03	226,34	47,2
60x60x25	AB06012DB250300	ADDA	◎	12	0,05	7,30	39,84	21,5
60x60x25	AB06012LB250300	ADDA	◎	12	0,09	9,00	72,21	28,5
60x60x25	AB06012MB250300	ADDA	◎	12	0,13	10,70	94,62	34,5
<b>70x70</b>								
70x70x12	AB7012HB-E01	ADDA	◎	12	0,15	11,34	108,56	34,0
70x70x12	AB7012LB-E01	ADDA	◎	12	0,06	8,10	39,84	24,0
70x70x25	AB07012HB250300	ADDA	◎●	12	0,18	15,11	145,67	33,5
70x70x25	AB07012LB250300	ADDA	◎●	12	0,06	9,17	43,58	22,0
70x70x25	AB07012MB250300	ADDA	◎●	12	0,09	12,23	85,91	26,5
70x70x25	AB07012UB250300	ADDA	◎●	12	0,28	17,83	236,55	39,0

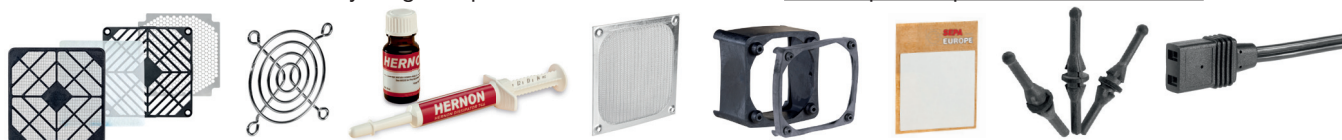
## 75x75x30 mm up to 120x120x32 mm



○ = Ball bearing    ※ = Sleeve bearing  
 ● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>75x75x30</b>								
75x75x30	AB7512DB-W01	ADDA	○●	12	0,10	15,11	49,80	28,7
75x75x30	AB7512HB-W01	ADDA	○●	12	0,32	27,00	191,73	45,4
75x75x30	AB7512LB-W01	ADDA	○●	12	0,18	19,36	87,15	37,6
75x75x30	AB7512MB-W01	ADDA	○●	12	0,25	23,43	139,44	41,7
75x75x30	AB7512UB-W01	ADDA	○●	12	0,48	31,41	253,98	49,1
<b>94x94x33</b>								
94x94x33	AB0912DB-Z01(N)	ADDA	○	12	0,32	38,34	117,28	44,0
94x94x33	AB0912HB-Z01(N)	ADDA	○	12	0,78	55,75	277,64	56,3
94x94x33	AB0912LB-Z01(N)	ADDA	○	12	0,48	45,33	184,26	48,4
94x94x33	AB0912MB-Z01(N)	ADDA	○	12	0,67	49,63	216,88	52,2
94x94x33	AB0924HB-Z01(N)	ADDA	○	24	0,35	55,75	277,64	56,3
94x94x33	AB0924LB-Z01(N)	ADDA	○	24	0,23	45,33	184,26	48,4
94x94x33	AB0924MB-Z01(N)	ADDA	○	24	0,27	49,63	216,88	52,2
<b>120x120x32</b>								
120x120x32	AB1212DB-Y01	ADDA	○※●	12	0,26	35,80	104,08	46,6
120x120x32	AB1212HB-Y01	ADDA	○※●	12	0,79	52,99	304,03	55,0
120x120x32	AB1212LB-Y01	ADDA	○※●	12	0,41	42,78	155,38	48,0
120x120x32	AB1212MB-Y01	ADDA	○※●	12	0,53	47,89	221,36	49,0
120x120x32	AB1212UB-Y01	ADDA	○※●	12	0,94	57,09	360,55	53,3
120x120x32	AB1212XB-Y01	ADDA	○	12	1,12	61,68	398,90	57,0
120x120x32	AB1224DB-Y01	ADDA	○※●	24	0,19	35,80	104,08	46,6
120x120x32	AB1224HB-Y01	ADDA	○※●	24	0,43	52,99	304,03	55,0
120x120x32	AB1224LB-Y01	ADDA	○※●	24	0,25	42,78	155,38	48,0
120x120x32	AB1224MB-Y01	ADDA	○※●	24	0,36	47,89	221,36	49,0
120x120x32	AB1224UB-Y01	ADDA	○※●	24	0,50	57,09	360,55	53,3
120x120x32	AB1224XB-Y01	ADDA	○	24	0,68	61,68	398,90	57,0
120x120x32	AB1248DB-Y01	ADDA	○※●	48	0,09	35,80	104,08	46,6
120x120x32	AB1248HB-Y01	ADDA	○※●	48	0,22	52,99	304,03	55,0
120x120x32	AB1248LB-Y01	ADDA	○※●	48	0,16	42,78	155,38	48,0
120x120x32	AB1248MB-Y01	ADDA	○※●	48	0,18	47,89	221,36	49,0
120x120x32	AB1248UB-Y01	ADDA	○※●	48	0,29	57,09	360,55	53,3

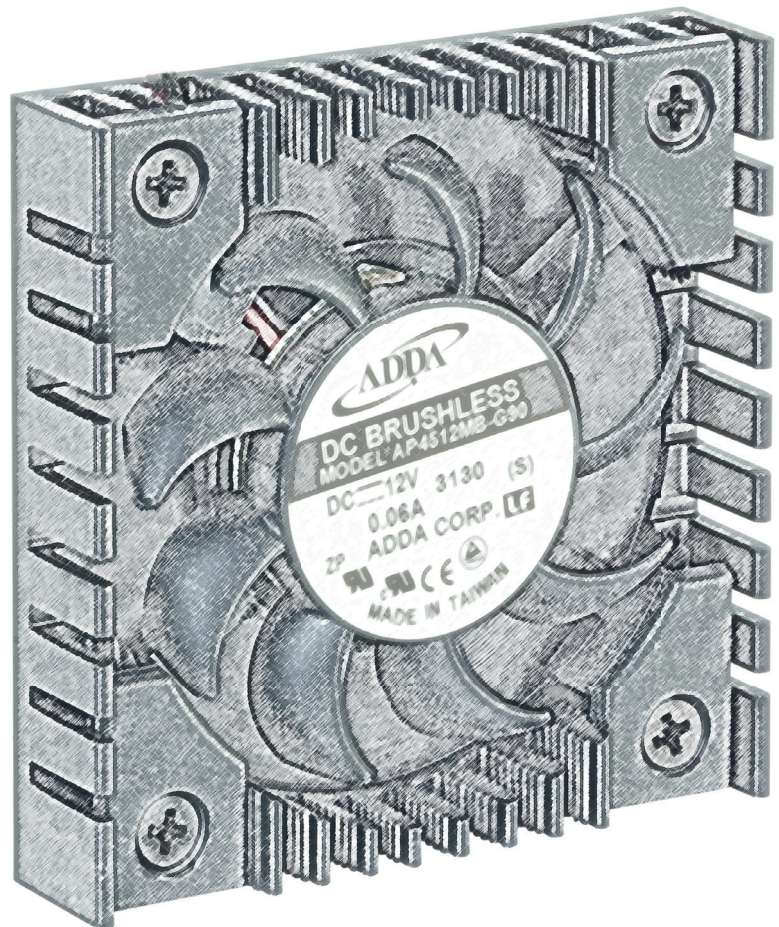
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# Chip-Cooler





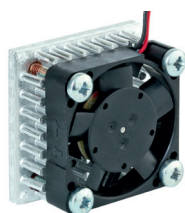
## 25x25x15 mm up to 45x45x8 mm

**Chip-Coolers** represent the compact combination of intelligent heat sinks with powerful fans. They demonstrate their strength everywhere where processors, FPGAs or LEDs or power electronics with high power dissipation require selective cooling. Thanks to simple installation, e.g. with the thermally conductive adhesive by Herson and a connector assembly, our chip coolers are also an option for subsequent active cooling solutions where fans were originally not planned. The delivery program

ranges from 25mm to 50mm and covers thermal resistors from approx. 5K/W to 1K/W.

We also offer customer-specific chip coolers. It goes without saying that the SEPA options, e.g. tachometer signal, various voltages and bearing systems are also available.

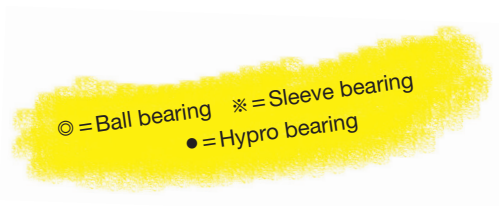
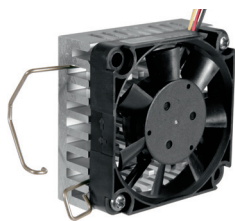
Simply ask us if we can supply you with the chip cooler you require, or visit our website at [www.sepa-europe.com/en/chip-cooler](http://www.sepa-europe.com/en/chip-cooler)



○ = Ball bearing    ※ = Sleeve bearing  
● = Hydro bearing

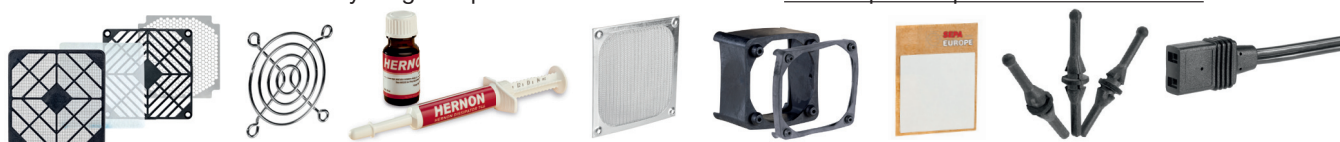
Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>25x25x15</b>								
25x25x15	HXB25B12	SEPA	○	12	0,05	1,38	25,50	17,0
<b>33x33x19,5</b>								
33x33x19,5	HXB30E05	SEPA	○	5	0,10	3,80	25,50	19,0
33x33x19,5	HXB30E12	SEPA	○	12	0,04	4,00	25,50	20,0
<b>35x35x7,5</b>								
35x35x7,5	HYB35C05	SEPA	○	5	0,08	1,62	29,40	27,0
<b>35x35x8</b>								
35x35x8	AP3505HB-J70	ADDA	●	5	0,11	6,96	37,60	32,0
35x35x8	AP3505LB-J70	ADDA	●	5	0,06	4,25	20,42	20,0
35x35x8	AP3505MB-J70	ADDA	●	5	0,11	5,60	34,36	27,9
35x35x8	AP3512HB-J70	ADDA	●	12	0,08	6,96	37,60	32,0
35x35x8	AP3512MB-J70	ADDA	●	12	0,05	5,60	34,36	27,9
<b>40x40x8</b>								
40x40x8	AP0405MX-J70	ADDA	●	5	0,10	7,98	27,64	28,0
40x40x8	AP0412MX-J70	ADDA	●	12	0,06	7,98	27,64	28,0
<b>40x40x10</b>								
40x40x10	AP0405MX-G70	ADDA	●	5	0,13	7,98	27,64	28,0
40x40x10	AP0412LX-G70	ADDA	●	12	0,05	5,94	15,69	19,0
40x40x10	AP0412MX-G70	ADDA	●	12	0,06	7,98	27,64	28,0
<b>40x40x20,5</b>								
40x40x20,5	HXB40H05	SEPA	○	5	0,09	11	30,50	24,0
40x40x20,5	HXB40H12	SEPA	○	12	0,05	10	28,50	22,0
<b>44x44x7,5</b>								
44x44x7,5	HFB44B05A	SEPA	○	5	0,09	3	ca. 25	28,0
44x44x7,5	HFB44B12A	SEPA	○	12	0,04	3	ca. 25	28,0
<b>45x45x8</b>								
45x45x8	AP4505LB-J90(S)	ADDA	●	5	0,04	7,13	10,96	19,5
45x45x8	AP4505MB-J90(S)	ADDA	●	5	0,07	8,83	15,94	23,8

## 45x45x8 mm up to 52x52x12 mm



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>45x45x8</b>								
45x45x8	AP4512HB-J90(S)	ADDA	●	12	0,05	10,19	22,41	30,0
45x45x8	AP4512LB-J90(S)	ADDA	●	12	0,04	7,13	10,96	19,5
45x45x8	AP4512MB-J90(S)	ADDA	●	12	0,05	8,83	15,94	23,8
<b>45x45x10</b>								
45x45x10	AP4505HB-G90(S)	ADDA	●	5	0,09	10,19	22,41	30,0
45x45x10	AP4505LB-G90(S)	ADDA	●	5	0,05	7,64	12,70	19,9
45x45x10	AP4505MB-G90(S)	ADDA	●	5	0,08	9,34	16,68	25,0
45x45x10	AP4512HB-G90(S)	ADDA	●	12	0,05	10,19	22,41	30,0
45x45x10	AP4512LB-G90(S)	ADDA	●	12	0,04	7,64	12,70	19,9
45x45x10	AP4512MB-G90(S)	ADDA	●	12	0,05	9,34	16,60	25,0
<b>50x50x8</b>								
50x50x8	AP0505HX-J90	ADDA	●	5	0,08	15,62	25,65	32,6
50x50x8	AP0505LX-J90	ADDA	●	5	0,05	10,53	13,94	23,0
50x50x8	AP0505MX-J90	ADDA	●	5	0,08	12,06	18,43	25,5
50x50x8	AP0512HX-J90	ADDA	●	12	0,08	15,62	25,65	32,6
50x50x8	AP0512LX-J90	ADDA	●	12	0,05	10,53	13,94	23,0
50x50x8	AP0512MX-J90	ADDA	●	12	0,05	12,06	18,43	25,5
<b>50x50x20,5</b>								
50x50x20,5	HXB50E05	SEPA	○	5	0,05	10	15,60	19,0
50x50x20,5	HXB50E12	SEPA	○	12	0,06	14	26,90	23,0
<b>50x50x24,5</b>								
50x50x24,5	HF500B50E05	SEPA	○	5	0,05	10	15,60	19,0
50x50x24,5	HF500B50E12	SEPA	○	12	0,06	14	26,90	23,0
<b>52x52x12</b>								
52x52x12	AP5212HX-E70(8)	ADDA	○●	12	0,08	20,04	32,37	27,0
52x52x12	AP5212MX-E70(8)	ADDA	○●	12	0,06	15,79	17,43	20,8

We have an extensive accessory range for perfect installation solutions: [www.sepa-europe.com/en/accessories](http://www.sepa-europe.com/en/accessories)







# AC Fans



## 60x60x30 mm up to 150x150x38 mm

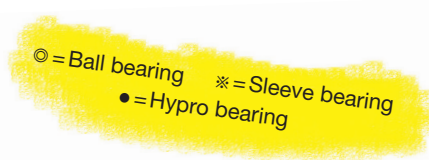
**AC fans** with squirrel cage rotor are the archetype of ventilation technology and are firmly established even in the 21st century in a variety of applications thanks to cautious further development. The simplicity of the construction makes it an uncomplicated endurance runner and its competitive price a favourite with customers.

ADC fans (frequently referred to as EC fans) paved the way for groundbreaking innovations in the AC fan product group. These fans are equipped externally with a wide range alternating voltage input, that functions not only with 50Hz and 60 HZ but also with all voltages from 100V to 250V.

This adaptability is achieved by an intelligent converter that drives an internal DC motor. This results in significant energy-savings because compared to the above-mentioned squirrel cage rotor only a third of the electrical power is required.

SEPA offers AC fan dimensions from 60mm to 290mm. Many of them are also equipped with protection against humidity.

We will be pleased to answer all questions relating to AC fans. For further information, please visit our website at [www.sepa-europe.com/en/fans-ac](http://www.sepa-europe.com/en/fans-ac)



Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>60x60x30</b>								
60x60x30	UF60D23BWH	Fulltech	○	230/50	0,02	13,8	18,00	27
<b>80x80</b>								
80x80x25	KA8025HA2BMT	KAKU	○	230/50	0,10	30,6	32,40	30
80x80x38	KA8038HA2BMT	KAKU	○	230/50	0,07	40,8	32,40	30
80x80x38	UF80A23BWH	Fulltech	○	230/50	0,07	40,8	35,32	32
<b>92x92</b>								
92x92x25	KA9225HA2BMT	KAKU	○	230/50	0,10	51,0	34,90	35
92x92x38	KA9238HA2BMT	KAKU	○	230/50	0,08	68,0	44,90	37
92x92x38	UF92A23BWH	Fulltech	○	230/50	0,12	66,0	54,94	34
<b>120x120</b>								
120x120x25	KA1225HA2BMT	KAKU	○	230/50	0,10	112,2	34,90	40
120x120x38	KA1238HA2BMT	KAKU	○	230/50	0,01	142,8	69,80	49
120x120x38	KA1238LA2BMT	KAKU	○	230/50	0,05	119,0	44,90	39
120x120x38	KA1238LLA2BMT	KAKU	○	230/50	0,09	85,0	15,00	36
120x120x38	KA1238MA2BMT	KAKU	○	230/50	0,08	132,6	57,30	41
120x120x38	KA1238XA2BMT	KAKU	○	230/50	0,15	178,5	64,80	50
120x120x38	UF12A23BWH	Fulltech	○	230/50	0,10	156,0	78,48	42
<b>127x127x38</b>								
127x127x38	KA12738HA2BMT	KAKU	○	230/50	0,13	166,6	74,80	50
<b>150x150x38</b>								
150x150x38	KA1523HA2HTRBML	KAKU	○	230/50	0,45	238,0	119,60	55



150x150x51 mm up to Ø254x89 mm



⊙ = Ball bearing ※ = Sleeve bearing  
● = Hypro bearing

Dimensions [mm]	Model	Manufacturer	Bearing	Voltage [V]	Operating Current [A]	Air Flow [m³/h]	Pressure [Pa]	Noise [dB(A)]
<b>150x150x51</b>								
150x150x51	KA1525HA2HTRBML	KAKU	⊙	230/50	0,20	306,0	119,60	56
<b>160x160x65</b>								
160x160x65	KA1606HA2BMT	KAKU	⊙	230/50	0,12	440,0	144,50	59
<b>172x152</b>								
172x152x38	KA17023HA2BMT	KAKU	⊙	230/50	0,13	306,0	154,00	57
172x152x51	KA1725HA2BMT	KAKU	⊙	230/50	0,14	323,0	125,00	56
172x152x55	UF15KM23BWH	Fulltech	⊙	230/50	0,25	331,5	140,00	49
<b>180x180x65</b>								
180x180x65	KA1806HA2BMT	KAKU	⊙	230/50	0,26	678,3	179,40	61
<b>208x208x72</b>								
208x208x72	KA2072HA2BMT	KAKU	⊙	230/50	0,38	1615,0	194,40	71
<b>Ø221x107</b>								
Ø221x107	UF25HC23-BWH	Fulltech	⊙	230/50	0,42	1320,0	186,39	63
<b>Ø222x60</b>								
Ø222x60	KA2206HA2BMT	KAKU	⊙	230/50	0,29	612,0	99,70	59
<b>Ø222x80</b>								
Ø222x80	KA2208HA2BMT	KAKU	⊙	230/50	0,22	850,0	174,40	67
<b>Ø254x89</b>								
Ø254x89	KA2509HA2BMT	KAKU	⊙	230/50	0,22	1132,0	99,70	66

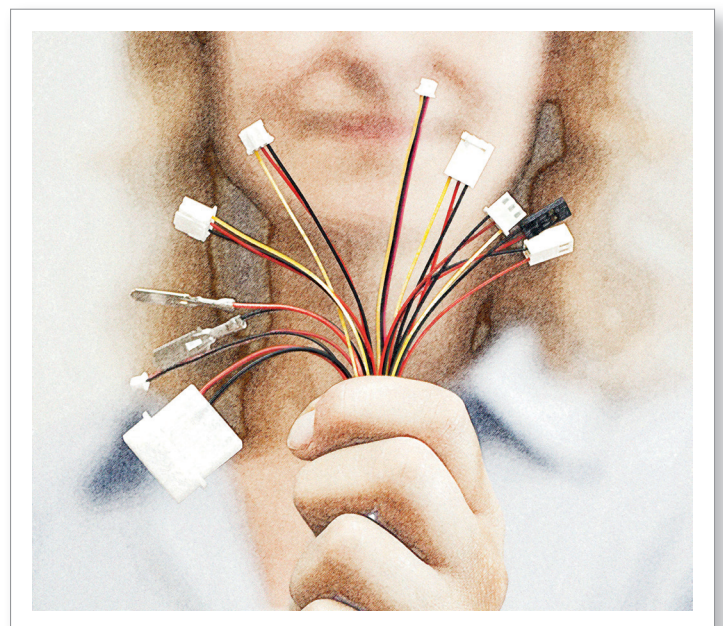
	80x80x25		ADC/EC					
	80x80x25	KA8025EC/C1-3000	KAKU	⊙	100-264/50-60	0,01	65,0	35 31
	80x80x25	KA8025EC/C1-4500	KAKU	⊙	100-264/50-60	0,02	90,0	62 45
<b>92x92x25</b>								
	92x92x25	KA9225EC/C1-3000	KAKU	⊙	100-264/50-60	0,02	82,0	47 35
	92x92x25	KA9225EC/C1-4000	KAKU	⊙	100-264/50-60	0,03	99,0	65 43
<b>120x120x38</b>								
	120x120x38	KA9225EC/C1-4000	KAKU	⊙	100-264/50-60	0,03	99,0	65 43
<b>172x150x51</b>								
	172x150x51	KA1725EC/C1-4000	KAKU	⊙	100-264/50-60	0,13	493,0	174 61

We have an extensive accessory range for perfect installation solutions: [www.sepa-europe.com/en/accessories](http://www.sepa-europe.com/en/accessories)





## Customized Solutions



In addition to our extensive standard range of products, we also offer our customers various specific solutions ranging from assembled fans ready for connection, mounted heat sink units, e.g. for LED lighting or embedded PCs, customer-specific fans or commissioned goods in sales-optimized packing, e.g. for re-

tail trade and catalogue distribution. The following pages show some examples.

Simply ask us if we have a solution for your task or visit our website at

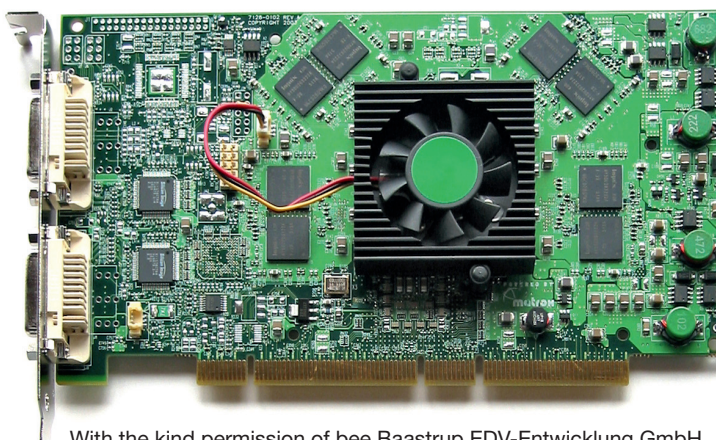
[www.sepa-europe.com/en/customized-solutions](http://www.sepa-europe.com/en/customized-solutions)



## Frameless fan in existing heat sink

**Task:** A graphics card series is to be equipped with new fans – however with the existing heat sink.

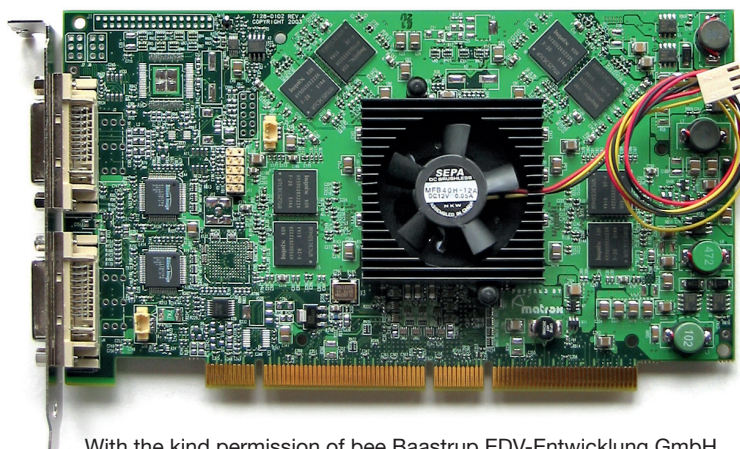
**Before**



With the kind permission of bee Bastrup EDV-Entwicklung GmbH

**Solution:** A SEPA fan without frame (40 mm) was glued to the existing heat sink of the graphics card.

**After**

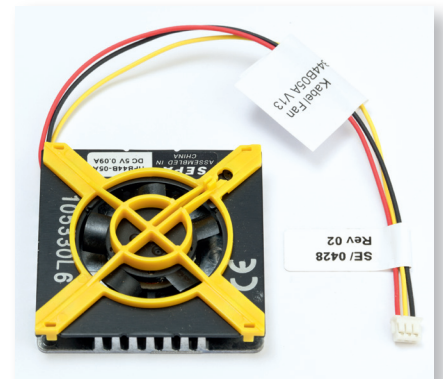
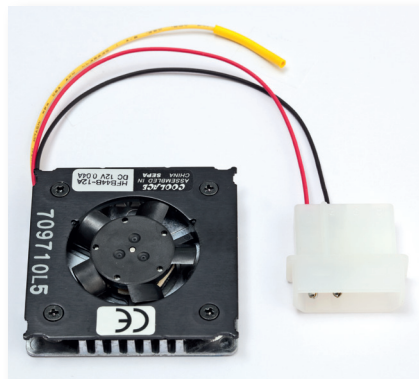


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### Customer-specific packing

Whether a simple board connector or special versions with specific label (PVC – or shrink tubing), a wide variety of fan modules were assembled/mounted for our customers ready for connection. We also offer solutions with standard heat sinks or customer-specific reworked heat sinks.



### Sales-optimized packing

Distributors, mail order, retail trade - they all have their own idea of optimum packing for selling purposes. We plan a ready-for-sale solution together with the customer and offer this product fully packed, if required with instructions, product description and customer-specific label with logo.

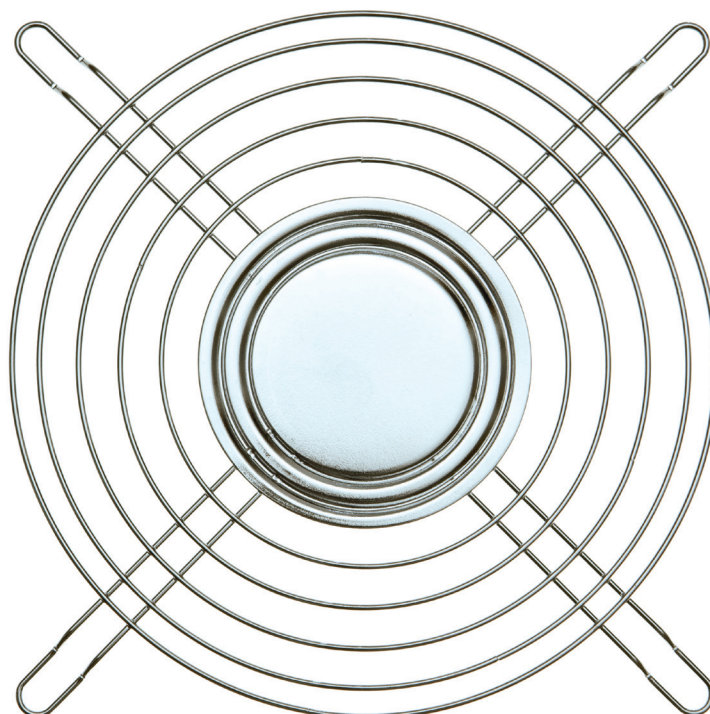








# Accessories

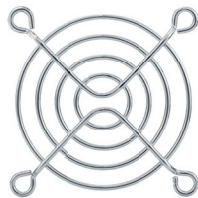


To complement our extensive delivery program, we offer numerous useful accessories. The customer benefit from our direct purchasing from the manufacturer. We work together with reliable partners and are also in the position to provide special solutions. Our range of accessories includes not only all types of fan covers (finger guards, filter grids, EMC protective grids) but also mounting solutions, temperature controls, AC/DC converters and connecting cables. Particularly worthy of emphasis are our TCT adhesive pads, that are available as thermally conductive adhesive foil in many sizes or as

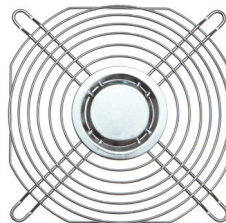
roll material. The adhesive foil TCTxx and our thermally conductive adhesive HERNON 746 are highly suitable for the time-saving mounting of LEDs.

If you would like to know which SEPA accessory best suits your fan and your application, simply contact us, or visit our website at

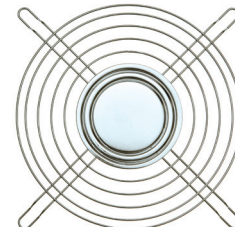
[www.sepa-europe.com/en/accessories](http://www.sepa-europe.com/en/accessories)



FGxx



FGAxx



FGBxx

### FGxx

Metal Fan Guard, IP 20

Type	Fan Size [mm]	Hole Distances and Diameter [mm]	Height [mm]	No. of Rings	Packing Unit [Pcs.]	Art. No.
FG25	25x25	28.2/3.3	5	2	100	912510000
FG30	30x30	24/3.2	4.8	2	100	913010000
FG40	40x40	32/4.0	4.8	2	100	914010000
FG50	50x50	42/4.0	5.0	3	100	915010000
FG50-40	50x50	40/4.0	5.0	3	100	915010001
FG60	60x60	50/4.6	5.0	4	100	916010000
FG80	80x80	71.5/4.9	5.5	5	100	918010000
FG92	92x92	82.5/4.9	5.5	6	100	919210000
FG120	120x120	105/4.9	5.5	8	100	911210000
FG127	127x127	113.3/4.6	6.0	8	100	912710000
FG150	172/150	162/4.8	6.5	10	100	915110000
FG172	Ø172	162/4.8	6.5	10	100	917210000

### FGAxx

Metal Fan Guard

Type	Fan Size [mm]	Hole Distances and Diameter [mm]	Height [mm]	No. of Rings	Packing Unit [Pcs.]	Art. No.
FGA80	80x80	71.5/4.9	4.7	5	100	918010050
FGA92	92x92	82.5/4.3	4.7	7	100	919210050
FGA120	120x120	104.8/4.3	4.7	9	100	911210050

**FGBxx**

Metal Fan Guard

Type	Fan Size [mm]	Hole Distances and Diameter [mm]	Height [mm]	No. of Rings	Packing Unit [Pcs.]	Art. No.
FGB120	120x120	105.5/4.3	5.0	6	100	911210051
FGB135	135x135	122/5.5	5.0	5	100	911310050

**FGxxK**

Plastic Fan Guard, IP 20

Type	Fan Size [mm]	Dimensions LxWxH [mm]	Packing Unit [Pcs.]	Art. No.
FG40K	40x40	42.3x42.3x3.3	100	914020000
FG60K	60x60	60x60x6.0	100	916020000
FG80K	80x80	81x81x5.5	100	918020000
FG92K	92x92	92x92x5.5	100	919220000
FG120K	120x120	121x121x6.5	100	911220000
FG150K	150/172	173x173x10.8	50	911220000

**LFGxx**

Dust Filter (3 parts) IP 50 consisting of filter frame, clip-on lid and filter blanket

Type	Fan Size [mm]	Dimensions LxWxH [mm]	Packing Unit [Pcs.]	Art. No.
LFG40-45	40x40	46.4x46.4x6.5	20	924020045
LFG60-45	60x60	64x64x12.2	20	926020045
LFG80-45	80x80	86x86x12.2	20	928020045
LFG92-45	92x92	97x97x12.2	20	929220045
LFG120-45	120x120	126x126x13	20	921220045
LFG150-45	150/172	179x179x24.7	10	921520045

**SPT-1**

Power Leads for AC Fans

Type	Length [mm]	Colour	Packing Unit [Pcs.]	Art. No.
SPT-1	910	schwarz	50	911032100
SPT-1-45	910	schwarz	50	911032045

**FMxx**

EMC Fan Screen Grid, IP 40

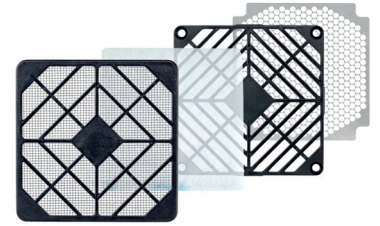
Type	Fan Size [mm]	Dimensions [mm]	Packing Unit [Pcs.]	Art. No.
FM40	40x40	42x42x4.0	100	934010400
FM60	60x60	60x60x4.0	100	936010400
FM80	80x80	84x84x3.5	100	938010400
FM92	92x92	92x92x4.0	100	939210400
FM120	120x120	119x119x3.5	100	931210400
FM150	150/172	182/162x4.2	50	931510400



### LFGFSBxx-45

EMC and Dust Protection, IP 50

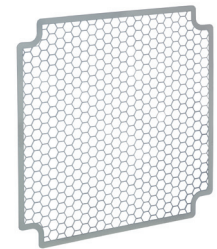
Type	Fan Size [mm]	Packing Unit [Pcs.]	Art. No.
LFGFSB40-45	40x40	20	111111209
LFGFSB60-45	60x60	20	111111210
LFGFSB80-45	80x80	20	111111211
LFGFSB92-45	92x92	20	111111122
LFGFSB120-45	119x119	20	111111212



### FSBxx-0x

EMC Screen Plate

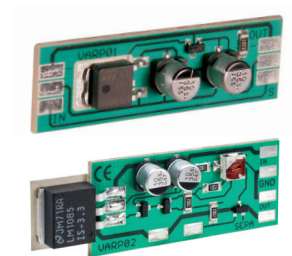
Type	Fan Size [mm]	Dimensions [mm] LxWxH	Packing Unit [Pcs.]	Art. No.
FSB40-02	40x40	42x42x0,2	100	934010301
FSB50-02	50x50	52x52x0,2	100	935010301
FSB60-02	60x60	62x62x0,2	100	936010301
FSB80-02	80x80	82x82x0,2	100	938010301
FSB92-02	92x92	94x94x0,2	100	939210301
FSB119-02	120x120	121x121x0,2	100	931210301



### VARPxx

Speed Control

Type	Operating Voltage [VDC]	Operating Current [mA]	Output Current [A]	Operating Temperature [°C]	Thermistor [NTC]	Art-No.
VARP01	10.2-15	5	0.10 (0,3p)	25-60	incl.	905052010
VARP02	10.2-15	5	1.5 (3.0p)	25-70	10KΩ	905052020



### TCTxx

Thermal Conductive Adhesive Foil

Type	Dimensions	Packing Unit [Pcs.]	Art. No.
TCT25	25x25 mm	10/100	952500001
TCT35	35x35 mm	10/100	953500001
TCT42	42x42 mm	10/100	954400001
TCT42-13	42x13 mm	10/100	954200001



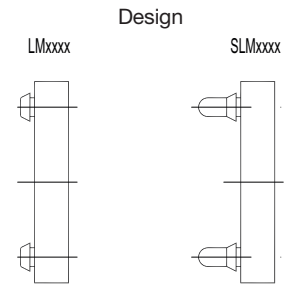
Other dimensions or shapes on request.



**LMxx, SLMxx**

Elastic Fan Sleeve

Type	Wall Thickness	Art. No.
SLM30C1/LM30C1	0.75 up to 1.25	953081010
SLM30C2/LM30C2	1.5 up to 2.5	953081020
SLM40A1/LM40A1	0.75 up to 1.25	954070210
SLM40A2/LM40A2	1.5 up to 2.5	954070220
SLM40C1/LM40C1	0.75 up to 1.25	954071010
SLM40C2/LM40C2	1.5 up to 2.5	954071020
SLM40D1/LM40D1	0.75 up to 1.25	954071510
SLM40D2/LM40D2	1.5 up to 2.5	954071520
SLM40E1/LM40E1	0.75 up to 1.25	954072010
SLM40E2/LM40E2	1.5 up to 2.5	954072020
SLM50C1/LM50C1	0.75 up to to 1.25	955071010
SLM50C2/ LM50C2	1.5 up to 2.5	955071020
SLM50D1/ LM50D1	0.75 up to 1.25	955071510
SLM50D2/ LM50D2	1.5 up to 2.5	955071520
SLM60A1/ LM60A1	0.75 up to 1.25	956073010
SLM60A2/ LM60A2	1.5 up to 2.5	956073020
SLM80A1/ LM80A1	0.75 up to 1.25	958074010
SLM80A2/ LM80A2	1.5 up to 2.5	958074020
SLM80B1/ LM80B1	0.75 up to 1.25	958075010
SLM80B2/ LM80B2	1.5 up to 2.5	958075020
SLM92A1/ LM92A1	0.75 up to 1.25	959274010
SLM92A2/ LM92A2	1.5 up to 2.5	959274020
SLM92B1/ LM92B1	0.75 up to 1.25	959275010
SLM92B2/ LM92B2	1.5 up to 2.5	959275020
SLM119A1/ LM119A1	0.75 up to 1.25	951274010
SLM119A2/ LM119A2	1.5 up to 2.5	951274020
SLM119B1/ LM119B1	0.75 up to 1.25	951275010
SLM119B2/ LM119B2	1.5 up to 2.5	951275020
SLM119C1/ LM119C1	0.75 up to 1.25	951276010
SLM119C2/ LM119C2	1.5 up to 2.5	951276020



**EAR440**

Elastic Rivets

Type	Packing Unit [Pcs.]	Art. No.
EAR 440	400	950470000



### LMV12Wxx

AC/DC Converter for DC Fans up to 12 W  
Efficiency >85%

Type	Input Voltage [VAC]	Output Voltage [VDC]	Output Current [A]	Max. Case Temperature [°C]	Art. No.
LMV12W12	100...264	12 ±3%	1.0	-10...+70	908522120
LMV12W24	100...264	24 ±3%	0.5	-10...+70	908523120



### HERNON DISSIPATOR 746 HERNON ACTIVATOR EF37173

Thermal Conductive Adhesive

Type	Size	Art. No.
HERNON 746-04 Dissipator	tube with 4 ml	950000001
HERNON 746-10 Dissipator	tube with 10 ml	950000002
HERNON 746-25 Dissipator	tube with 25 ml	950000003
HERNON EF37173-10 Activator	vial with 10 ml	950000004
HERNON EF37173-52 Activator	vial with 52 ml	950000005
HERNON 746 SET-04	Set (HERNON 746-04 and HERNON EF37173-10)	950000007
HERNON 746 SET-25	Set (HERNON 746-04 and HERNON EF37173-10)	950000009



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### Ask us!

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