



PRODUCT CATALOG 2025



ACDC FANs



About ACDCFAN

The ACDCFAN develops and manufactures compact cooling fans used in a wide range of industries, including Industrial machinery, Electric power Industry, PV field, Energy storage, and Telecommunications, among others. ACDCFAN produces AC axial fans, AC radial fans, DC axial fans, DC radial fans, and EC axial fans for customers around the world. With over 20 years of dedicated experience in the field, ACDCFAN has grown to be a leading professional manufacturer of high-quality fans based in China.

ACDCFAN has been at the forefront of the industry, consistently providing cutting-edge solutions to meet the diverse needs of our customers. We are an ISO certified company with ISO9001 and ISO14001 certificates. Our cooling fans are RoHS compliant and designed to meet the toughest standards of UL, CE and TUV. The commitment of ACDCFAN to innovation, reliability and customer satisfaction has made us a trusted partner for businesses worldwide. We understand that every application is unique, the OEM/ODM/OBM services are available to offer customized solutions. ACDCFAN strives to be a respected global brand and continue to contribute to the future development of the cooling fan industry.

Factory workshop

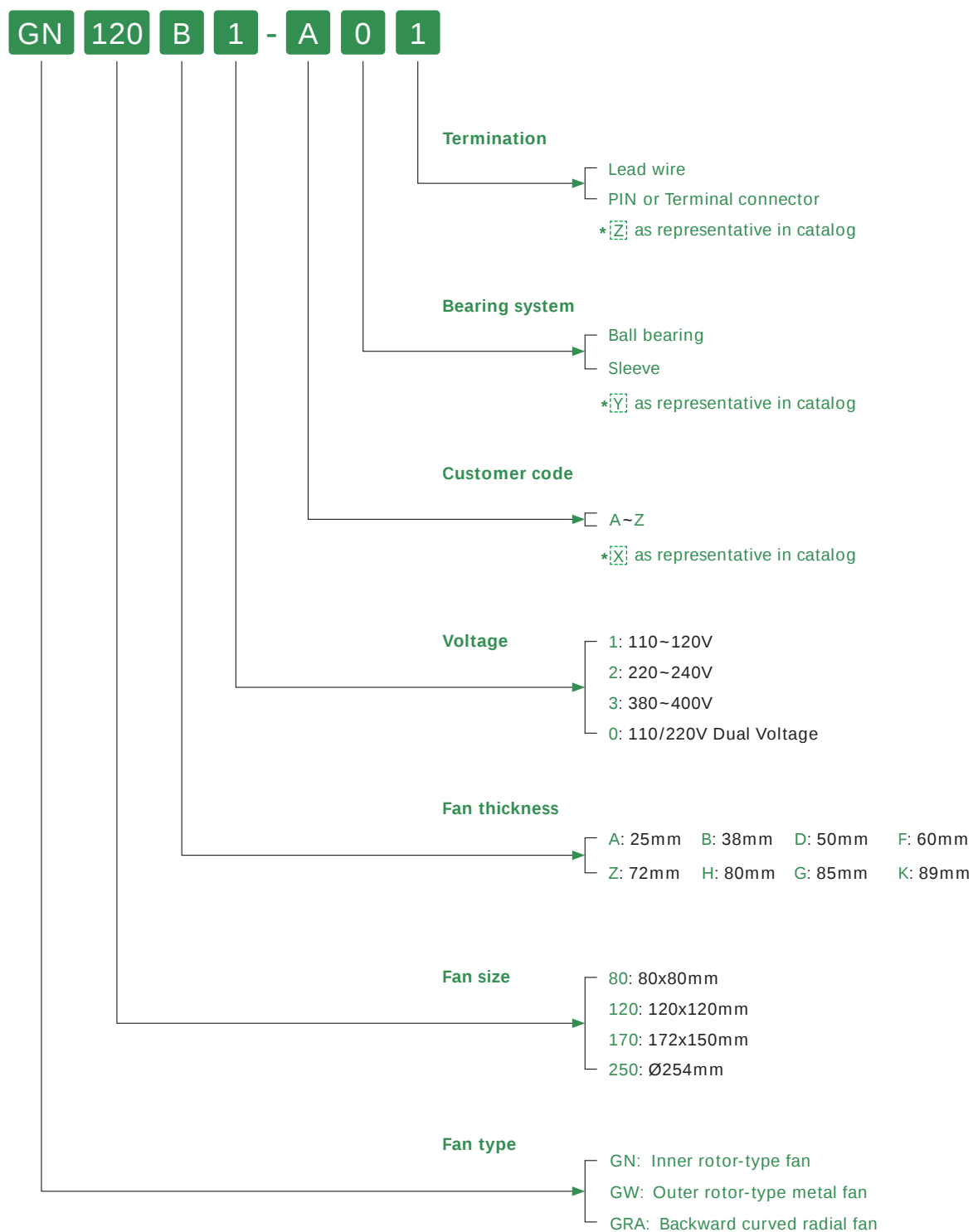


Certifications

We are an ISO certified company with  and  certificates. Our cooling fans are  RoHS compliant and designed to meet the toughest standards of  and .



AC Fans Part Numbering System



Contents

Model no.	Size (mm)	Size (inch)	Page
GW Series - Full Metal AC Axial Fan			01
GW80B	80 x 80 x 38	3.1" x 3.1" x 1.5"	02
GW92B	92 x 92 x 38	3.6" x 3.6" x 1.5"	03
GW120B	120 x 120 x 38	4.7" x 4.7" x 1.5"	04
GW170E	172 x 150 x 55	6.8" x 5.9" x 2.1"	05
GW205Z	206 x 206 x 72	8.1" x 8.1" x 2.8"	06
GW225H	225 x 225 x 80	8.9" x 8.9" x 3.1"	07
GW250K	Ø254 x 89	10" x 3.5"	08
GW280H	280 x 280 x 80	11" x 11" x 3.1"	09
GW280K	280 x 280 x 90	11" x 11" x 3.5"	10
GN Series - Classic AC Axial Fan			11
GN80A	80 x 80 x 25	3.1" x 3.1" x 1"	12
GN80B	80 x 80 x 38	3.1" x 3.1" x 1.5"	13
GN92A	92 x 92 x 25	3.6" x 3.6" x 1"	14
GN92B	92 x 92 x 38	3.6" x 3.6" x 1.5"	15
GN110A	110 x 110 x 25	4.3" x 4.3" x 1"	16
GN120A-5	120 x 120 x 25	4.7" x 4.7" x 1"	17
GN120A-7	120 x 120 x 25	4.7" x 4.7" x 1"	18
GN120A Metal NEW	120 x 120 x 25	4.7" x 4.7" x 1"	19
GN120B-5	120 x 120 x 38	4.7" x 4.7" x 1.5"	20
GN120B-7	120 x 120 x 38	4.7" x 4.7" x 1.5"	21
GN120B Metal NEW	120 x 120 x 38	4.7" x 4.7" x 1.5"	22
GN135B	135 x 135 x 38	5.3" x 5.3" x 1.5"	23
GN150D-5	150 x 150 x 50	5.9" x 5.9" x 2"	24
GN150D-7	150 x 150 x 50	5.9" x 5.9" x 2"	25
GN170B	172 x 151 x 39	6.8" x 5.9" x 1.5"	26
GN170D-5	172 x 150 x 51	6.8" x 5.9" x 2"	27
GN170D-7	172 x 150 x 51	6.8" x 5.9" x 2"	28
GN170D Xflow NEW	172 x 150 x 51	6.8" x 5.9" x 2"	29
GN170D Metal NEW	172 x 150 x 51	6.8" x 5.9" x 2"	30
GN180F	180 x 180 x 60	7" x 7" x 2.4"	31
GN200F	200 x 200 x 60	7.9" x 7.9" x 2.4"	32
GN220F	Ø220 x 60	8.7" x 2.4"	33
GN205Z	206 x 206 x 72	8.1" x 8.1" x 2.8"	34
GN250K	Ø254 x 89	10" x 3.5"	35
GRA Series - AC Radial Fan			36
GRA175A	Ø175 x 65	6.9" x 2.6"	37
GRA190A	Ø190 x 61	7.5" x 2.4"	38
GRA220A	Ø220 x 64	8.7" x 2.5"	39
GRA225B	Ø225 x 89	8.9" x 3.5"	40
GRA250A	Ø250 x 86	9.8" x 3.4"	41
GRA130FLJ5	181 x 174 x 87	7.1" x 6.9" x 3.4"	42

GW Series - Full Metal AC Axial Fan

Customization options for special applications:

- High temperature resistance up to 150°C
- IP56 Protection level
- Anti-Salt spray



GW80B Series

80x80x38mm (3.1"x3.1"x1.5")



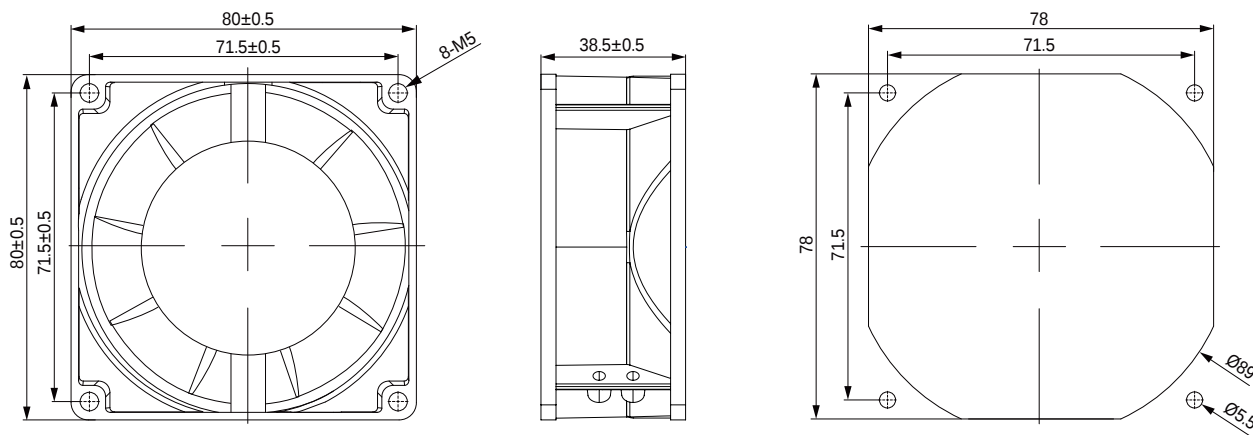
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 400g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

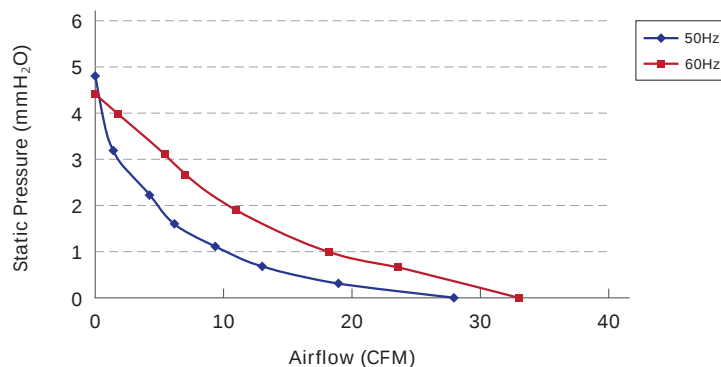
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GW80B1- 	Ball	9	100/125	50/60	0.18/0.16	17/14	2700/3100	30/36	47.6/56.1	28/33	4.8/4.4
GW80B2- 	Ball	9	200/240	50/60	0.09/0.08	17/14	2700/3100	30/36	47.6/56.1	28/33	4.8/4.4

Engineering Drawing (mm)



Air Performance



GW92B Series

92x92x38mm (3.6"x3.6"x1.5")



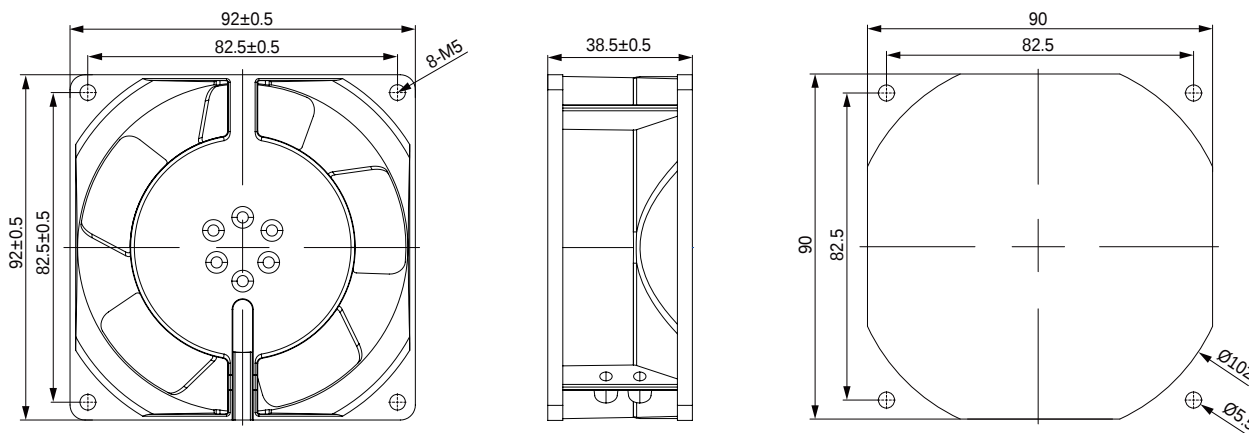
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 480g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

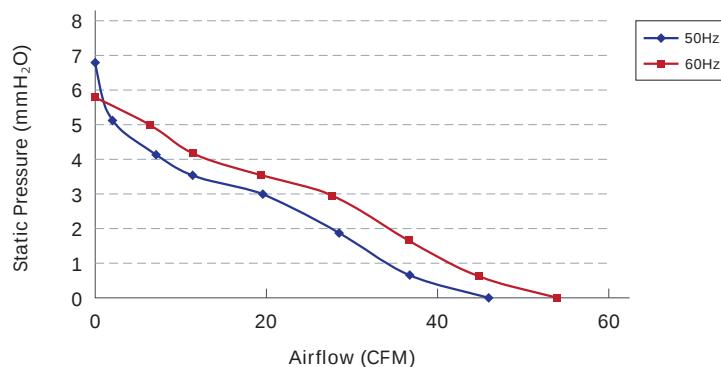
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GW92B1- 	Ball	5	100/125	50/60	0.18/0.16	17/14	2600/3000	38/40	78.2/91.8	46/54	6.8/5.8
GW92B2- 	Ball	5	200/240	50/60	0.09/0.08	17/14	2600/3000	38/40	78.2/91.8	46/54	6.8/5.8

Engineering Drawing (mm)



Air Performance



GW120B Series

120x120x38mm (4.7"x4.7"x1.5")



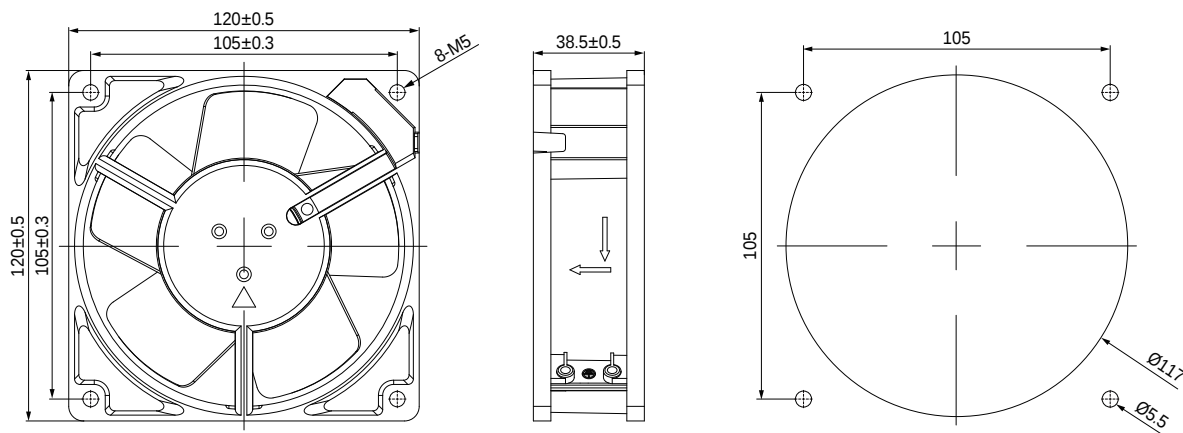
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 600g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

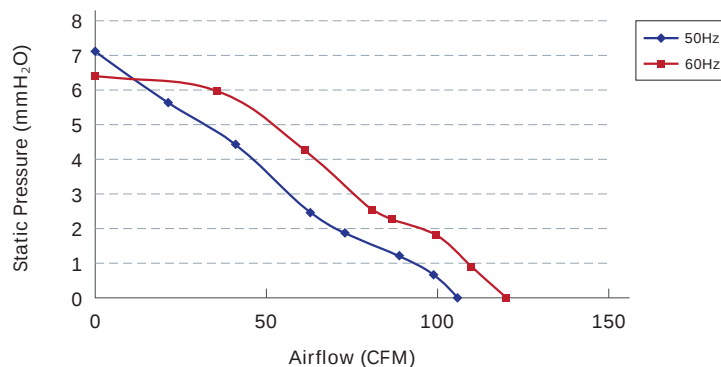
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow		Pressure
No.			VAC	Hz	A	W	RPM	dB(A)	m ³ /h	CFM	mmH ₂ O
GW120B1-	Ball	5	100/125	50/60	0.22/0.2	19/16.7	2600/2900	46.3/50.1	180.2/204	89.96/100.71	5.71/2.6
GW120B2-	Ball	5	200/240	50/60	0.12/0.11	19/16.7	2600/2900	46.3/50.1	180.2/204	89.96/100.71	5.71/2.6
GW120B3-	Ball	5	360/400	50/60	0.06/0.05	19/16.7	2600/2900	46.3/50.1	180.2/204	89.96/100.71	5.71/2.6

Engineering Drawing (mm)



Air Performance



GW170E Series

172x150x55mm (6.8"x5.9"x2.1")



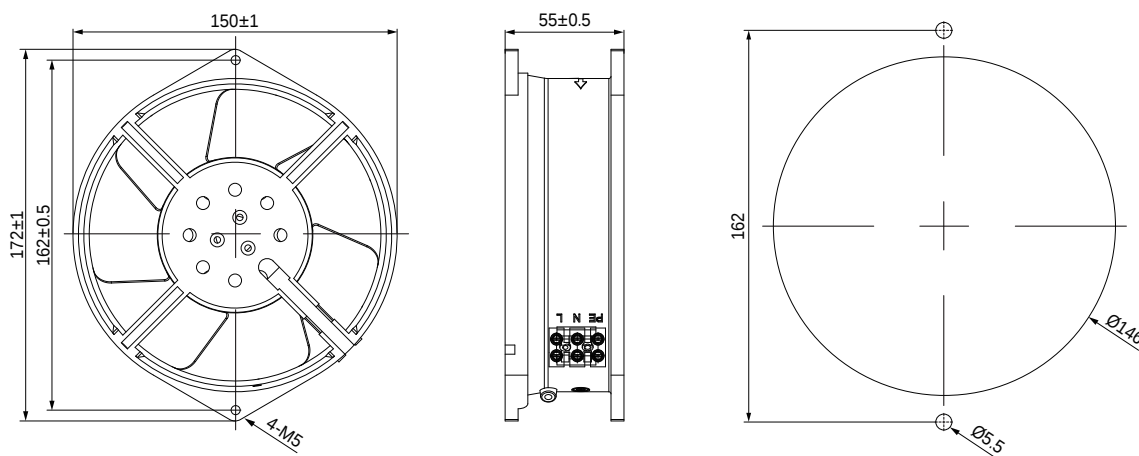
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 1200g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

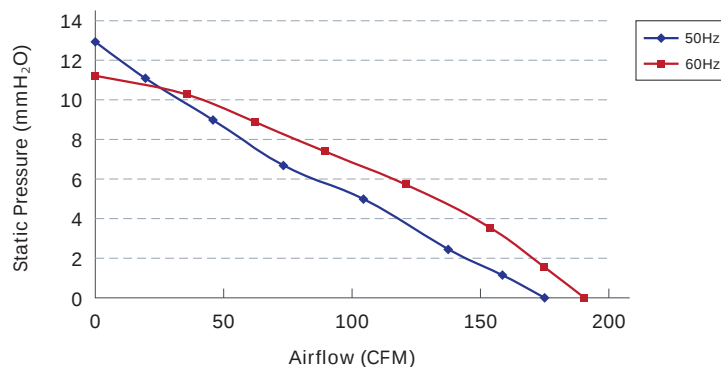
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GW170E1- 	Ball	7	100/125	50/60	0.55/0.58	36/35	2800/3100	48/52	297.5/323	175/190	12.9/11.2
GW170E2- 	Ball	7	200/240	50/60	0.22/0.25	36/35	2800/3100	48/52	297.5/323	175/190	12.9/11.2
GW170E3- 	Ball	7	360/400	50/60	0.12/0.1	36/35	2800/3100	48/52	297.5/323	175/190	12.9/11.2

Engineering Drawing (mm)



Air Performance



GW205Z Series

206x206x72mm (8.1"x8.1"x2.8")



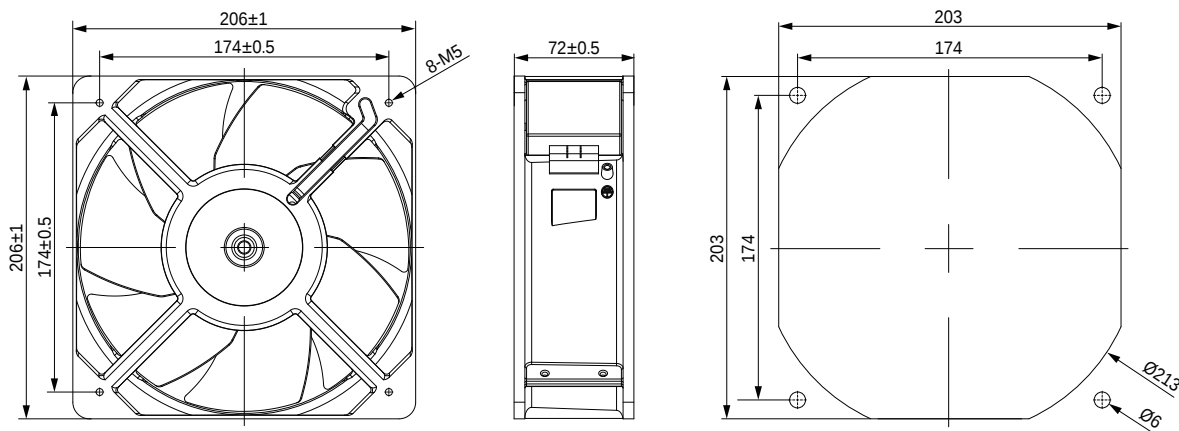
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 2200g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

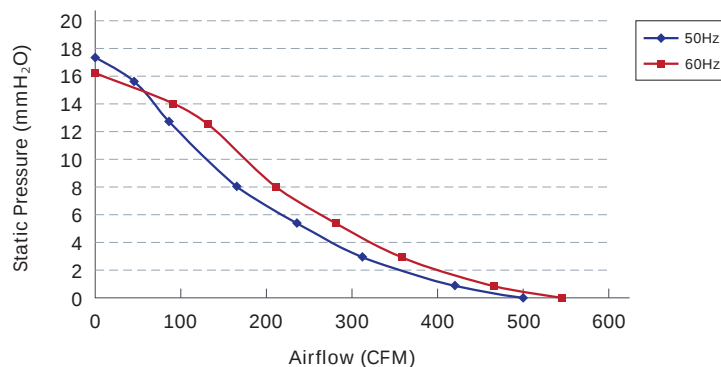
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GW205Z1C-XYZ	Ball	7	100/125	50/60	0.55/0.65	60/80	2600/2800	59/61	850/926.5	500/545	17.3/16.2	5uf/250v
GW205Z2C-XYZ	Ball	7	200/240	50/60	0.3/0.35	60/80	2600/2800	59/61	850/926.5	500/545	17.3/16.2	2.2uf/450v
GW205Z3C-XYZ	Ball	7	360/400	50/60	0.22/0.2	60/80	2600/2800	59/61	850/926.5	500/545	17.3/16.2	1uf/630v

Engineering Drawing (mm)



Air Performance



GW225H Series

225x225x80mm (8.9"x8.9"x3.1")



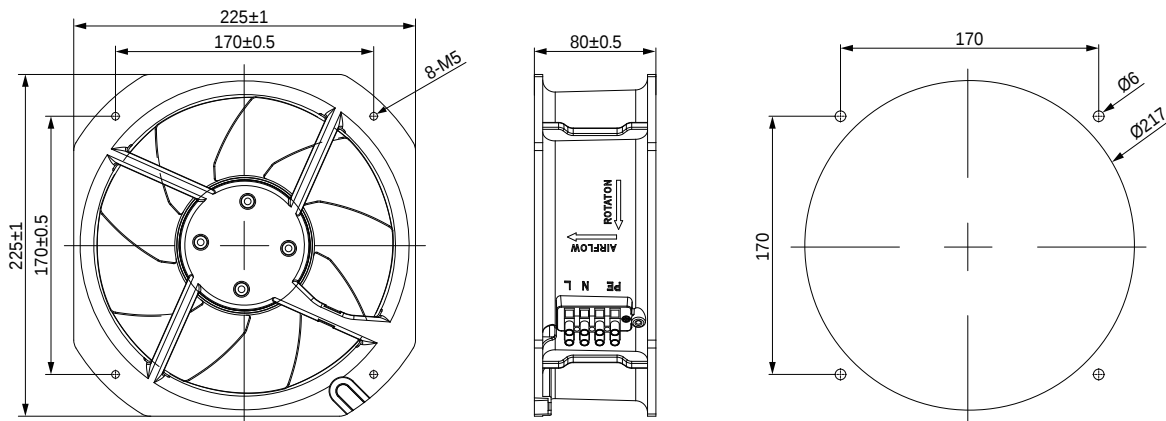
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 2200g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

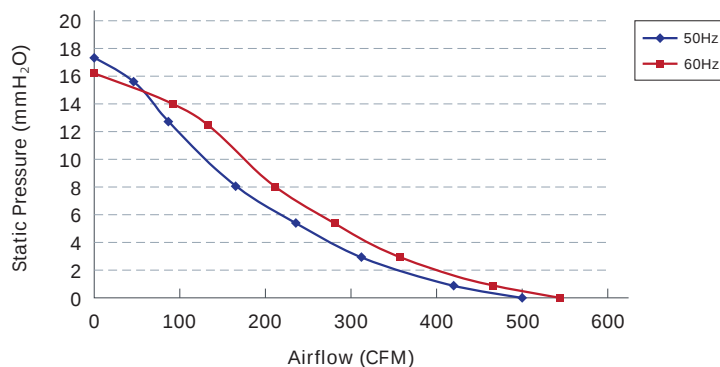
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GW225H1C- 	Ball	9	100/125	50/60	0.55/0.65	55/65	2600/2800	59/61	850/926.5	500/545	17.3/16.2	4uf/250v
GW225H2C- 	Ball	9	200/240	50/60	0.3/0.35	55/65	2600/2800	59/61	850/926.5	500/545	17.3/16.2	2.2uf/450v
GW225H3C- 	Ball	9	360/400	50/60	0.22/0.2	55/65	2600/2800	59/61	850/926.5	500/545	17.3/16.2	0.7uf/630v

Engineering Drawing (mm)



Air Performance



GW250K Series

Ø254x89mm (10"x3.5")



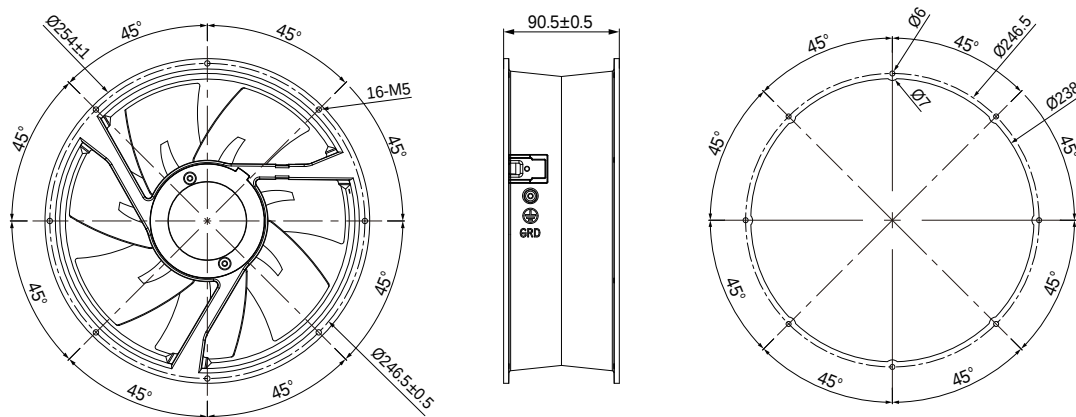
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 2800g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

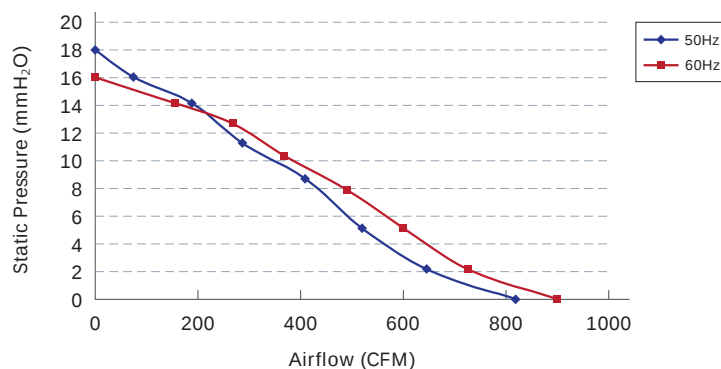
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow		Pressure	Capacitor
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GW250K1C- 	Ball	7	100/125	50/60	0.9/1	100/130	2600/2800	65/68	1394/1530	820/900	18/16	6.0uf/450v
GW250K2C- 	Ball	7	200/240	50/60	0.5/0.65	100/130	2600/2800	65/68	1394/1530	820/900	18/16	3.0uf/400v
GW250K3C- 	Ball	7	360/400	50/60	0.25/0.27	100/130	2600/2800	65/68	1394/1530	820/900	18/16	1uf/630v

Engineering Drawing (mm)



Air Performance



GW280H Series

280x280x80mm (11"x11"x3.1")



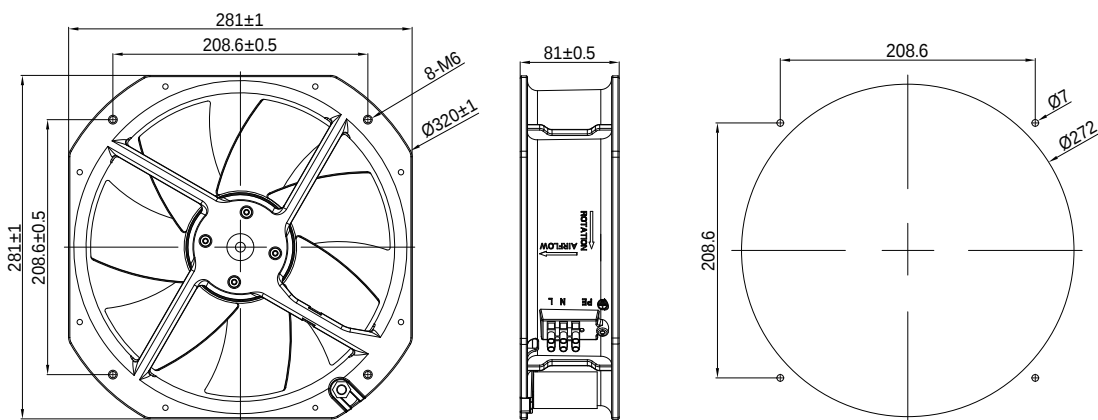
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 2800g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

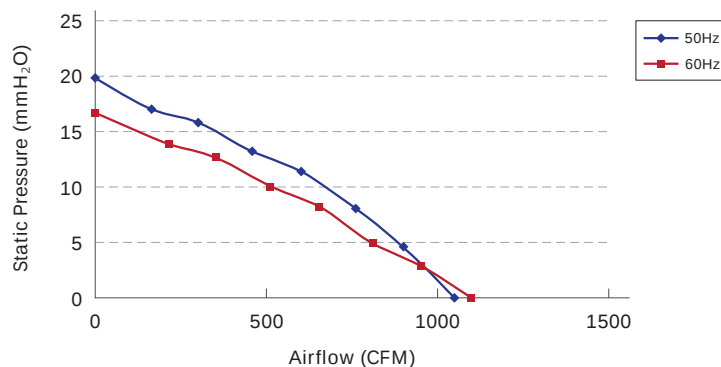
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GW280H1C- 	Ball	7	100/125	50/60	1/1.1	110/150	2550/2700	69/71	1785/1870	1050/1100	19.8/16.8	10uf/250v
GW280H2C- 	Ball	7	200/240	50/60	0.55/0.65	110/150	2550/2700	69/71	1785/1870	1050/1100	19.8/16.8	4uf/450v
GW280H3C- 	Ball	7	360/400	50/60	0.3/0.35	110/150	2550/2700	69/71	1785/1870	1050/1100	19.8/16.8	1uf/630v

Engineering Drawing (mm)



Air Performance



GW280K Series

280x280x90mm (11"x11"x3.5")



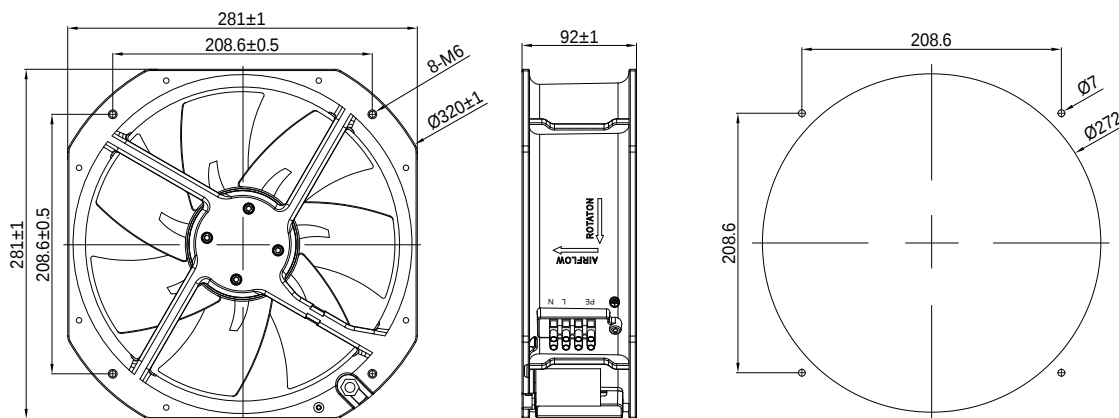
Full Metal

Fan Frame: Die-cast Aluminum(Black or Silver coating)
 Fan Impeller: Metal
 Operation Temp: -30~+80°C (Ball bearing)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 3000g
 Protection Class: IP44
 Option: Customized high temperature 150°C; IP55/IP56

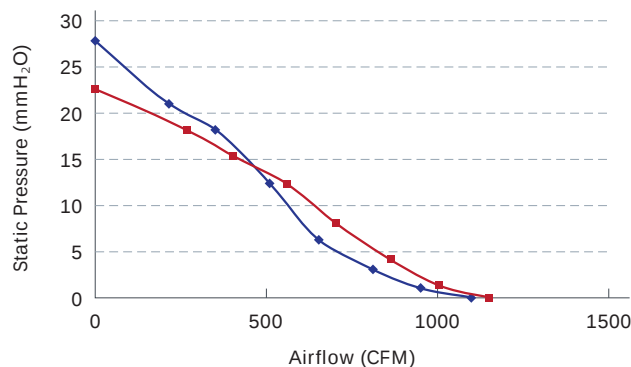
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GW280K1C- 	Ball	7	100/125	50/60	1.1/1.2	110/150	2700/3000	70/72	1870/1955	1100/1150	27.8/22.6	10uf/250v
GW280K2C- 	Ball	7	200/240	50/60	0.6/0.7	110/150	2700/3000	70/72	1870/1955	1100/1150	27.8/22.6	4uf/450v
GW280K3C- 	Ball	7	360/400	50/60	0.35/0.37	110/150	2700/3000	70/72	1870/1955	1100/1150	27.8/22.6	1uf/630v

Engineering Drawing (mm)



Air Performance



GN Series - Classic AC Axial Fan

- Super stability
- Cost-effective



GN80A Series

80x80x25mm (3.1"x3.1"x1")

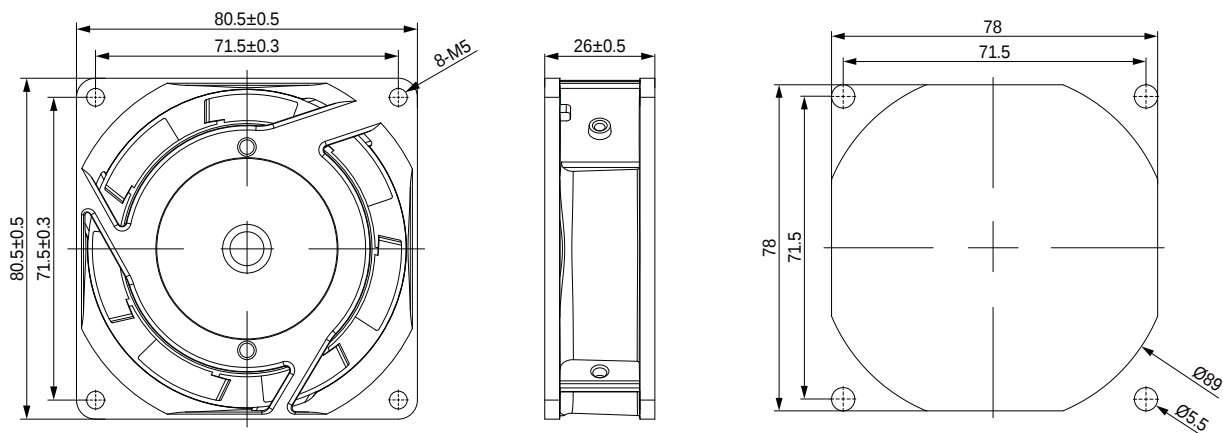


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	260g
Protection Class:	IP44

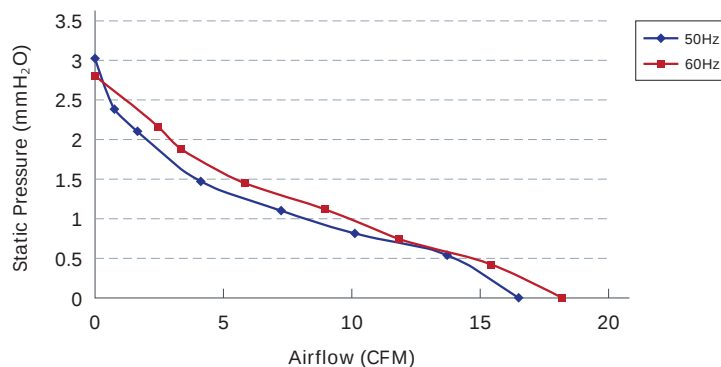
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN80A1- 	Ball	7	100/125	50/60	0.12/0.11	12/11	2500/2800	26/28	28/30.9	16.5/18.2	3.02/2.8
GN80A2- 	Ball	7	200/240	50/60	0.07/0.06	12/11	2500/2800	26/28	28/30.9	16.5/18.2	3.02/2.8
GN80A3- 	Ball	7	360/400	50/60	0.05/0.04	12/11	2500/2800	26/28	28/30.9	16.5/18.2	3.02/2.8

Engineering Drawing (mm)



Air Performance



GN80B Series

80x80x38mm (3.1"x3.1"x1.5")

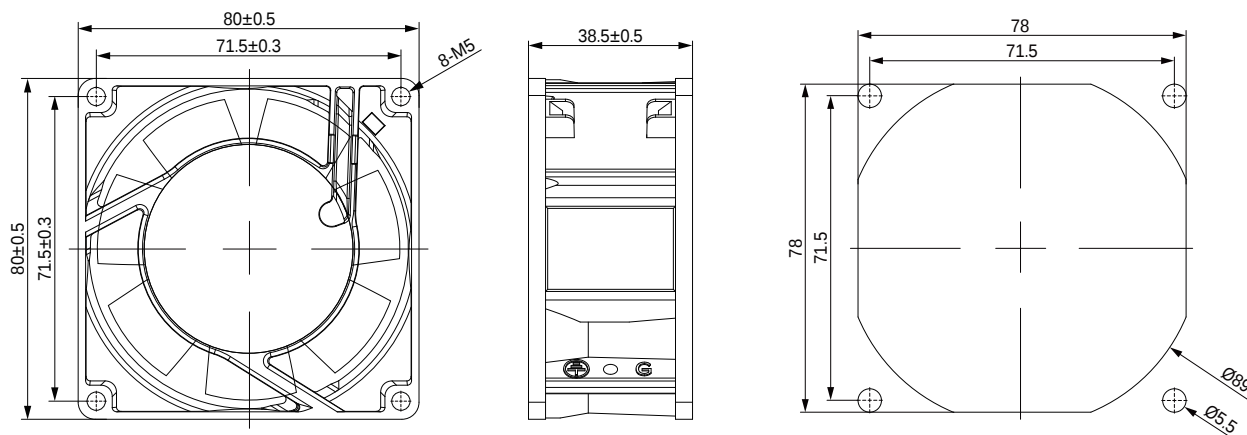


Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Plastic
 Operation Temp: -30~+60°C (Ball bearing)
 -10~+60°C (Sleeve)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 275g
 Protection Class: IP44
 Option: Customized Dual Voltage 110V/220V

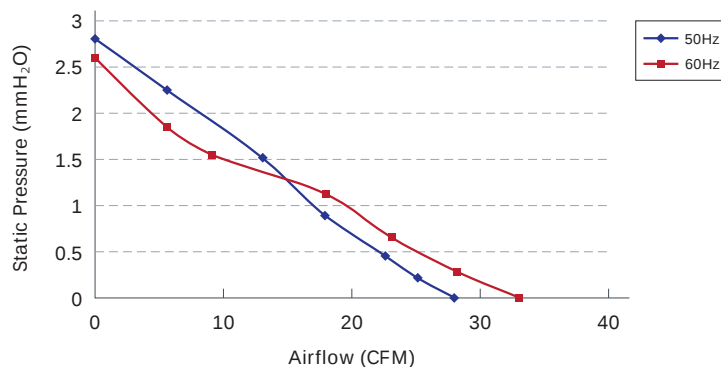
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN80B1- 	Ball	7	100/125	50/60	0.16/0.14	13/12	2300/2500	28/32	47.6/56.1	28/33	2.8/2.6
GN80B2- 	Ball	7	200/240	50/60	0.1/0.08	13/12	2300/2500	28/32	47.6/56.1	28/33	2.8/2.6
GN80B3- 	Ball	7	360/400	50/60	0.05/0.04	13/12	2300/2500	28/32	47.6/56.1	28/33	2.8/2.6

Engineering Drawing (mm)



Air Performance



GN92A Series

92x92x25mm (3.6"x3.6"x1")

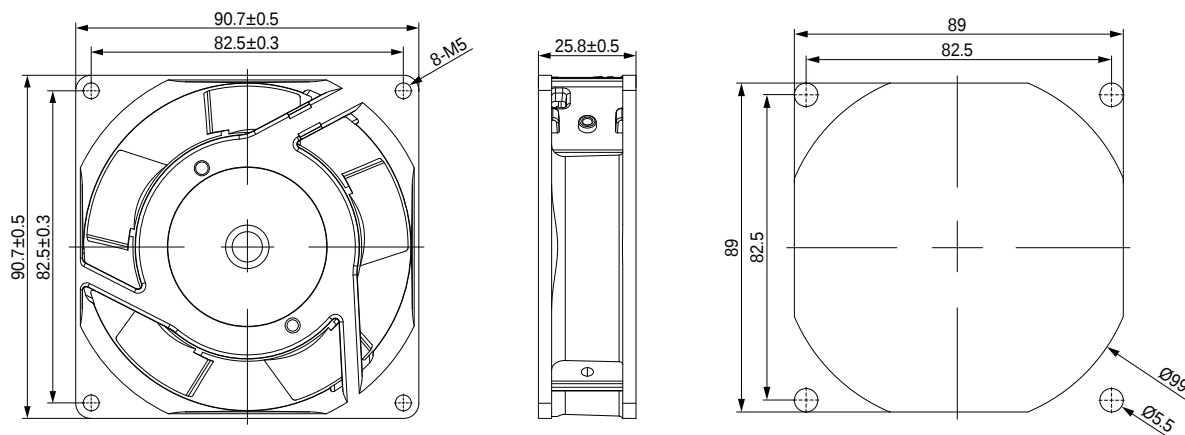


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	270g
Protection Class:	IP44

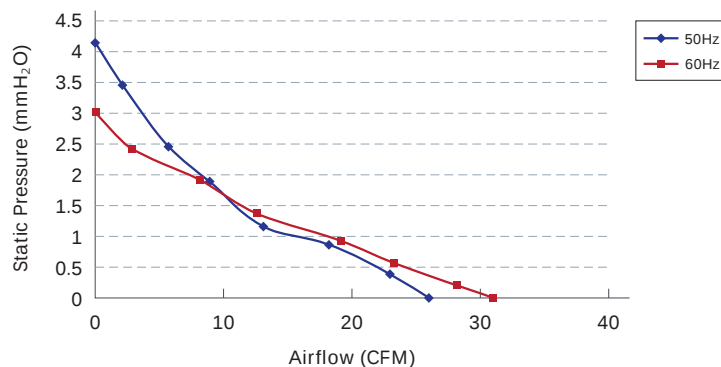
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN92A1- 	Ball	5	100/125	50/60	0.12/0.11	12/11	2350/2700	34/36	44.2/52.7	26/31	4.14/3.01
GN92A2- 	Ball	5	200/240	50/60	0.07/0.06	12/11	2350/2700	34/36	44.2/52.7	26/31	4.14/3.01
GN92A3- 	Ball	5	360/400	50/60	0.05/0.04	12/11	2350/2700	34/36	44.2/52.7	26/31	4.14/3.01

Engineering Drawing (mm)



Air Performance



GN92B Series

92x92x38mm (3.6"x3.6"x1.5")

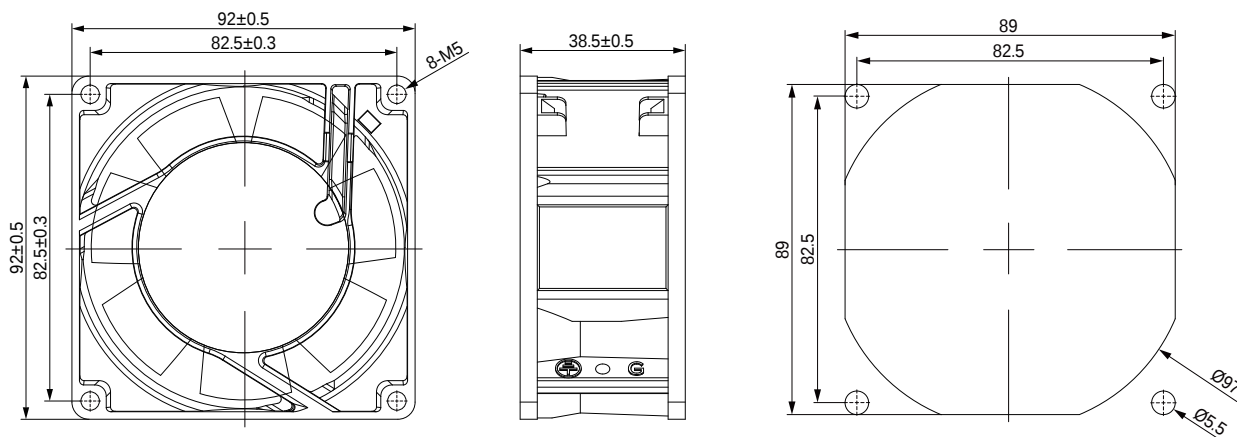


Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Plastic
 Operation Temp: -30~+60°C (Ball bearing)
 -10~+60°C (Sleeve)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 290g
 Protection Class: IP44
 Option: Customized Dual Voltage 110V/220V

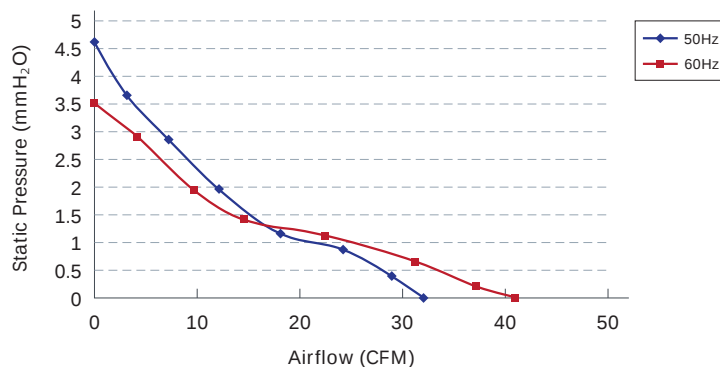
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN92B1- 	Ball	7	100/125	50/60	0.16/0.14	13/12	2300/2500	31/35	54.4/69.7	32/41	4.6/3.5
GN92B2- 	Ball	7	200/240	50/60	0.1/0.08	13/12	2300/2500	31/35	54.4/69.7	32/41	4.6/3.5
GN92B3- 	Ball	7	360/400	50/60	0.05/0.04	13/12	2300/2500	31/35	54.4/69.7	32/41	4.6/3.5

Engineering Drawing (mm)



Air Performance



GN110A Series

110x110x25mm (4.3"x4.3"x1")

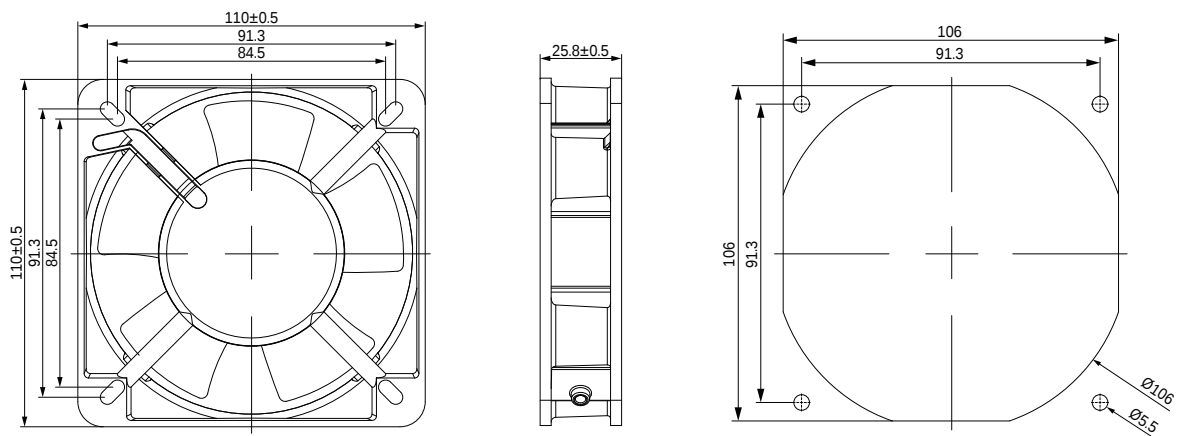


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	310g
Protection Class:	IP44

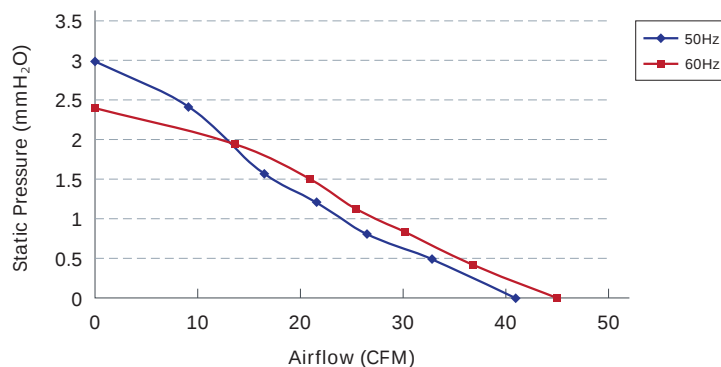
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN110A1- 	Ball	5	100/125	50/60	0.12/0.11	12/11	2000/2200	36/38	69.7/76.5	41/45	2.99/2.4
GN110A2- 	Ball	5	200/240	50/60	0.07/0.06	12/11	2000/2200	36/38	69.7/76.5	41/45	2.99/2.4
GN110A3- 	Ball	5	360/400	50/60	0.05/0.04	12/11	2000/2200	36/38	69.7/76.5	41/45	2.99/2.4

Engineering Drawing (mm)



Air Performance



GN120A-5 Series

120x120x25mm (4.7"x4.7"x1")

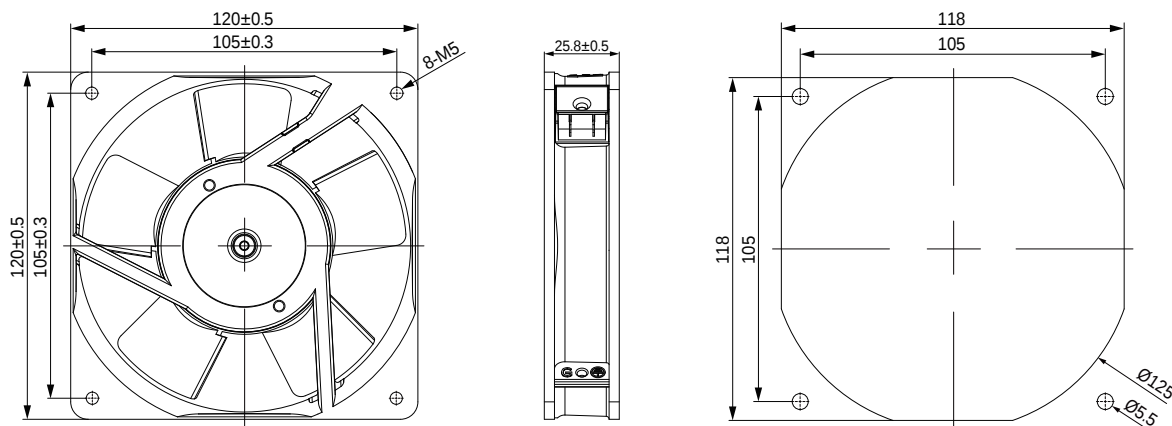


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	350g
Protection Class:	IP44

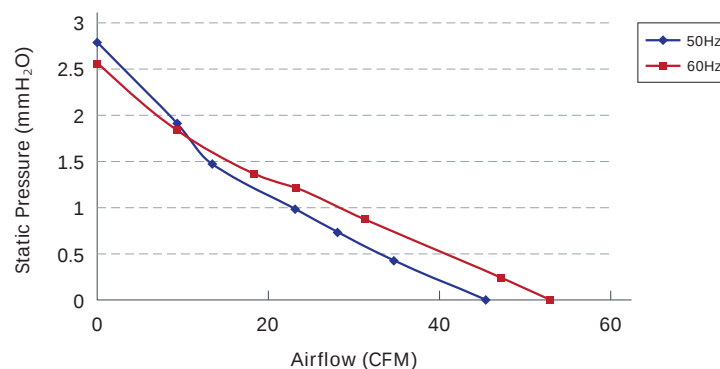
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN120A1- 	Ball	5	100/125	50/60	0.12/0.11	12/11	1800/2000	39/41	76.5/89.7	45/52.8	2.79/2.56
GN120A2- 	Ball	5	200/240	50/60	0.07/0.06	12/11	1800/2000	39/41	76.5/89.7	45/52.8	2.79/2.56
GN120A3- 	Ball	5	360/400	50/60	0.05/0.04	12/11	1800/2000	39/41	76.5/89.7	45/52.8	2.79/2.56

Engineering Drawing (mm)



Air Performance



GN120A-7 Series

120x120x25mm (4.7"x4.7"x1")

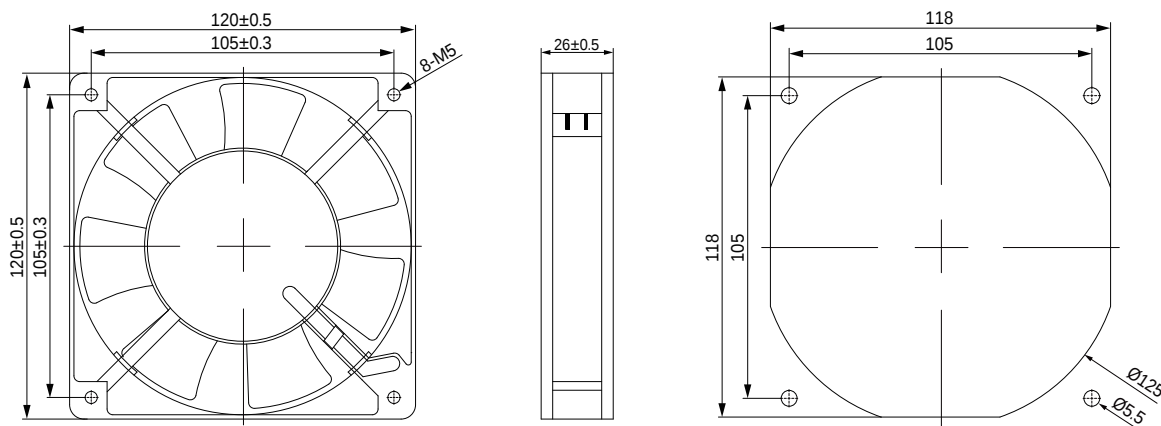


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	360g
Protection Class:	IP44

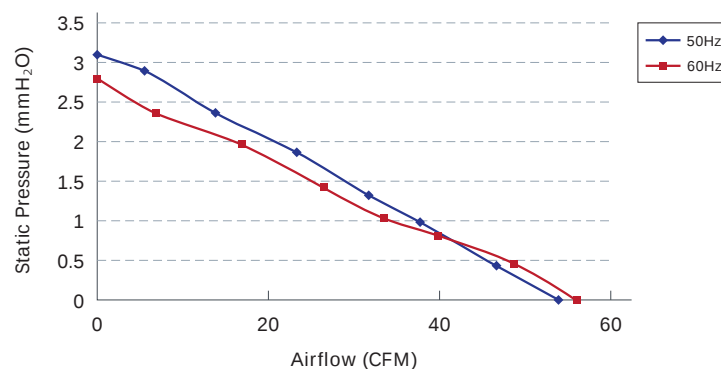
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN120A1- X Y Z	Ball	7	100/125	50/60	0.14/0.12	13	2000/2200	39/41	91.8/95.2	54/56	3.1/2.8
GN120A2- X Y Z	Ball	7	200/240	50/60	0.08/0.07	13	2000/2200	39/41	91.8/95.2	54/56	3.1/2.8
GN120A3- X Y Z	Ball	7	360/400	50/60	0.05/0.04	13	2000/2200	39/41	91.8/95.2	54/56	3.1/2.8

Engineering Drawing (mm)



Air Performance





Alu. impeller

GN120A Metal Series

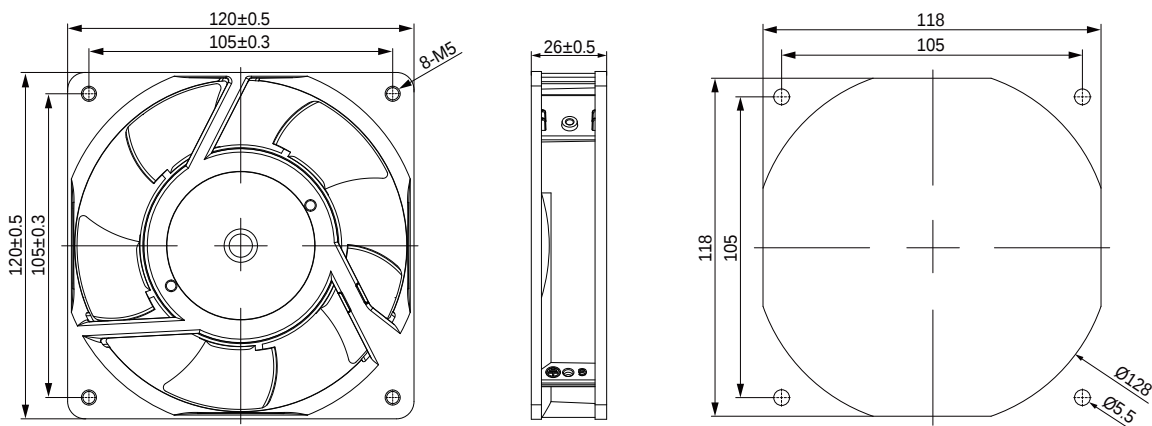
120x120x25mm (4.7"x4.7"x1")

Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Metal
 Operation Temp: -30~+60°C (Ball bearing)
 -10~+60°C (Sleeve)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 370g
 Protection Class: IP44

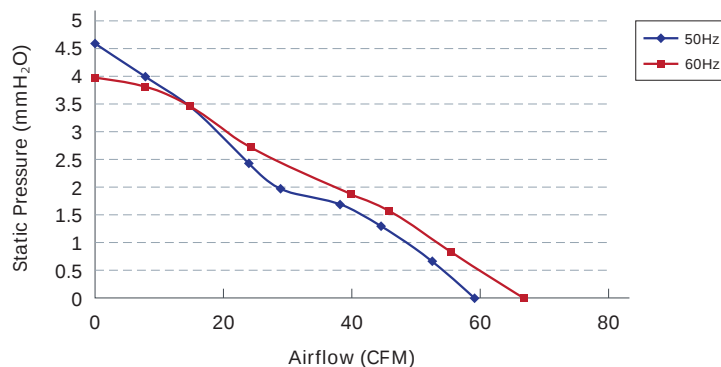
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN120A1- 	Ball	5	100/125	50/60	0.16/0.14	14/13	2200/2400	39/41	100/113	59/67	4.6/4.0
GN120A2- 	Ball	5	200/240	50/60	0.1/0.08	14/13	2200/2400	39/41	100/113	59/67	4.6/4.0
GN120A3- 	Ball	5	360/400	50/60	0.06/0.05	14/13	2200/2400	39/41	100/113	59/67	4.6/4.0

Engineering Drawing (mm)



Air Performance



GN120B-5 Series

120x120x38mm (4.7"x4.7"x1.5")

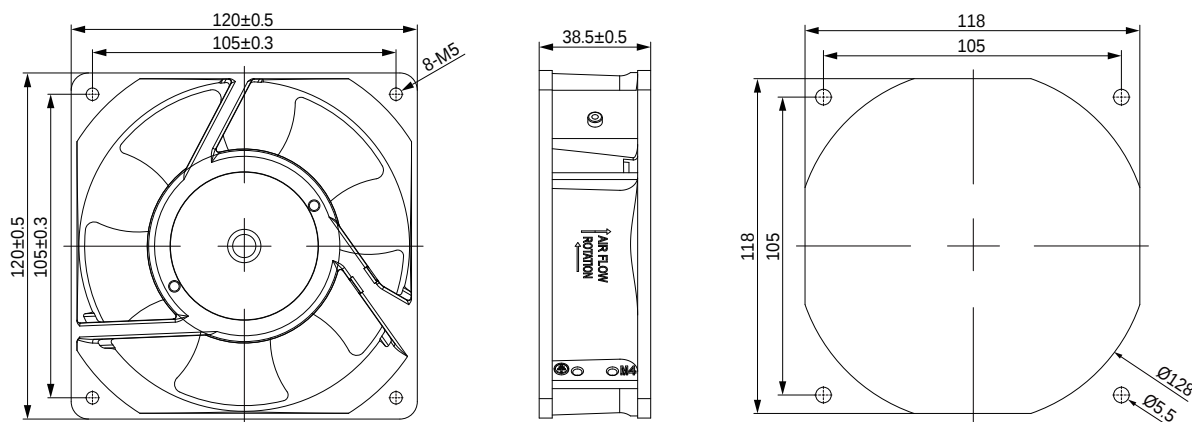


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	475g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

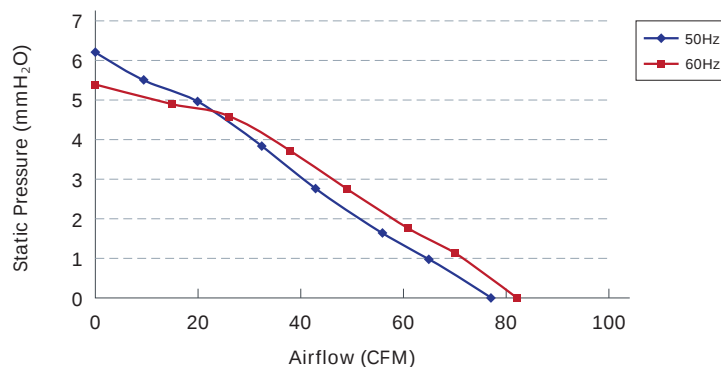
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN120B1- 	Ball	5	100/125	50/60	0.24/0.22	19/18	2600/2900	42/44	130.9/139.4	77/82	6.2/5.4
GN120B2- 	Ball	5	200/240	50/60	0.12/0.11	19/18	2600/2900	42/44	130.9/139.4	77/82	6.2/5.4
GN120B3- 	Ball	5	360/400	50/60	0.09/0.08	19/18	2600/2900	42/44	130.9/139.4	77/82	6.2/5.4

Engineering Drawing (mm)



Air Performance



GN120B-7 Series

120x120x38mm (4.7"x4.7"x1.5")

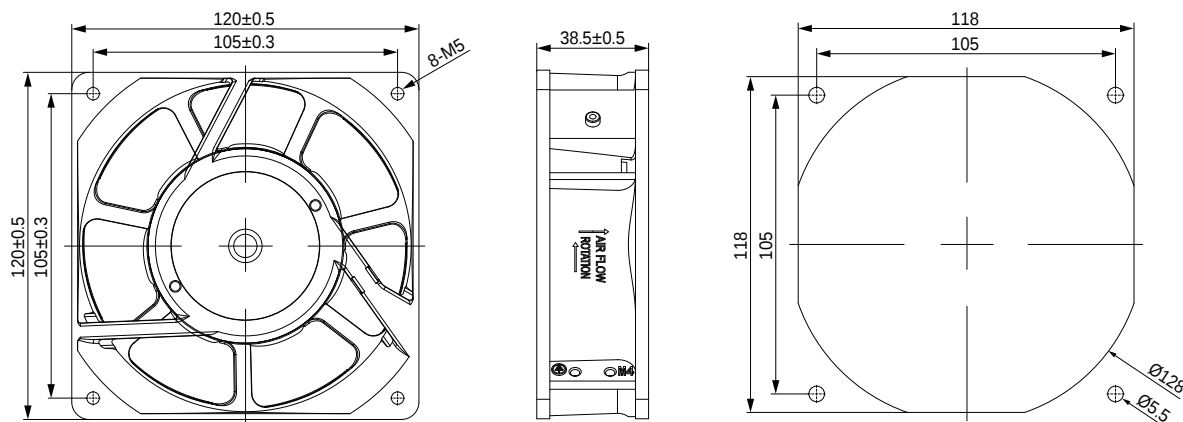


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	490g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

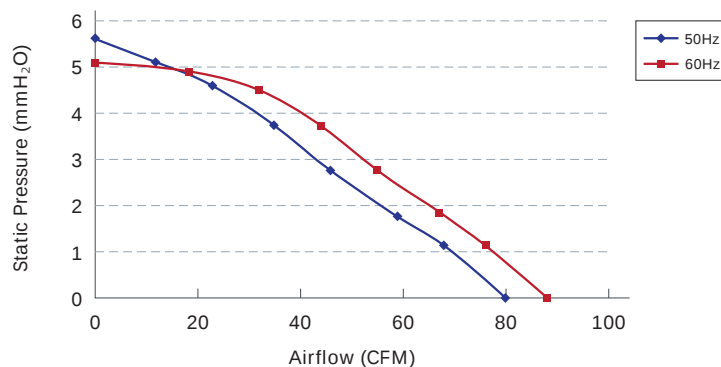
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN120B1- 	Ball	7	100/125	50/60	0.24/0.22	19/18	2500/2700	44/46	136/149.6	80/88	5.6/5.1
GN120B2- 	Ball	7	200/240	50/60	0.12/0.11	19/18	2500/2700	44/46	136/149.6	80/88	5.6/5.1
GN120B3- 	Ball	7	360/400	50/60	0.09/0.08	19/18	2500/2700	44/46	136/149.6	80/88	5.6/5.1

Engineering Drawing (mm)



Air Performance



GN135B Series

135x135x38mm (5.3"x5.3"x1.5")

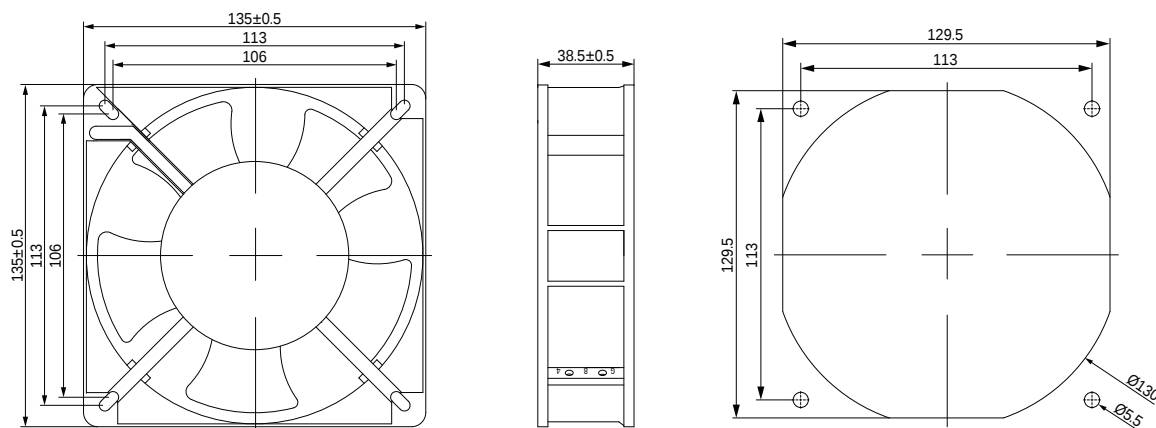


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	550g
Protection Class:	IP44

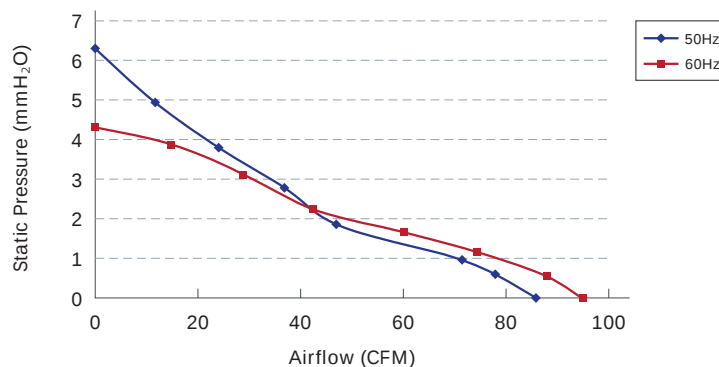
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN135B1- 	Ball	5	100/125	50/60	0.24/0.22	20/18	2600/2800	45/47	146.2/161.5	86/95	6.3/4.3
GN135B2- 	Ball	5	200/240	50/60	0.12/0.11	20/18	2600/2800	45/47	146.2/161.5	86/95	6.3/4.3
GN135B3- 	Ball	5	360/400	50/60	0.09/0.08	20/18	2600/2800	45/47	146.2/161.5	86/95	6.3/4.3

Engineering Drawing (mm)



Air Performance



GN150D-5 Series

150x150x50mm (5.9"x5.9"x2")

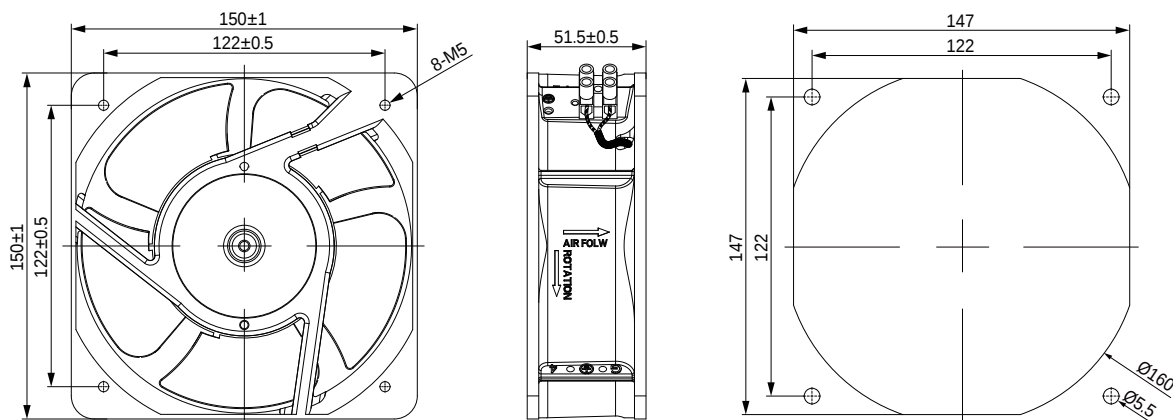


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	800g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

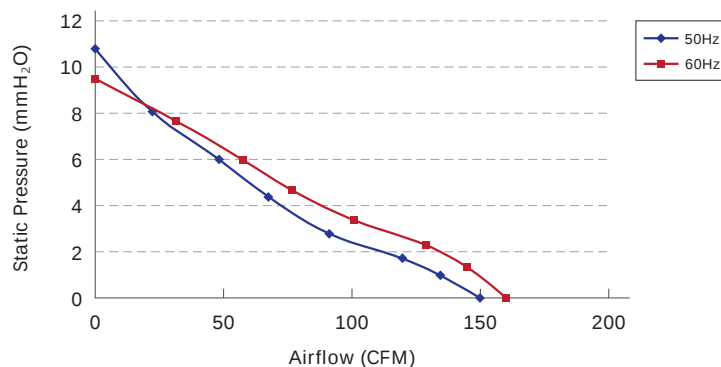
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN150D1- 	Ball	5	100/125	50/60	0.45/0.42	30/28	2700/3000	53/59	255/272	150/160	10.8/9.5
GN150D2- 	Ball	5	200/240	50/60	0.24/0.22	30/28	2700/3000	53/59	255/272	150/160	10.8/9.5
GN150D3- 	Ball	5	360/400	50/60	0.12/0.11	30/28	2700/3000	53/59	255/272	150/160	10.8/9.5

Engineering Drawing (mm)



Air Performance



GN150D-7 Series

150x150x50mm (5.9"x5.9"x2")

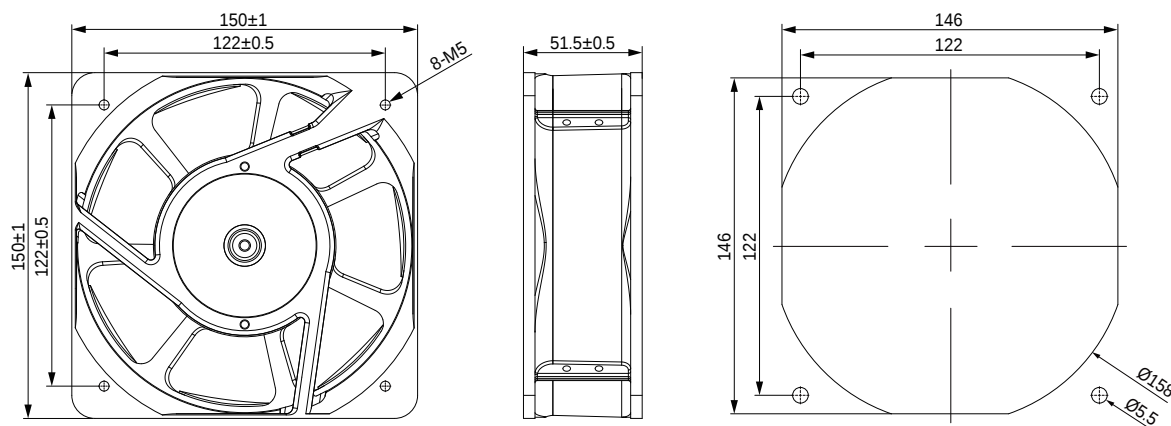


Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Plastic
 Operation Temp: -30~+60°C (Ball bearing)
 -10~+60°C (Sleeve)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 810g
 Protection Class: IP44
 Option: Customized Dual Voltage 110V/220V

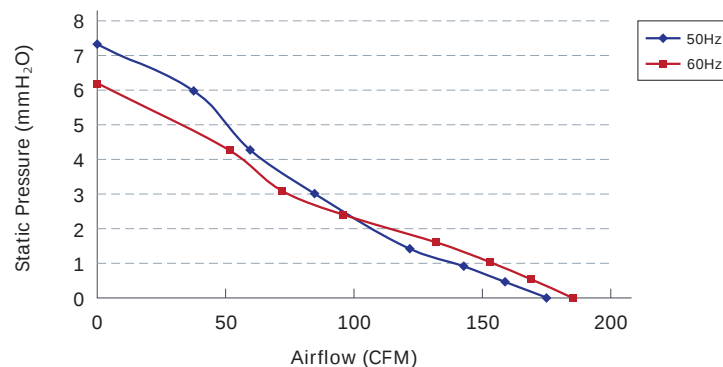
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN150D1- 	Ball	7	100/125	50/60	0.45/0.42	32/30	2500/2600	54/58	297.5/314.5	175/185	7.3/6.2
GN150D2- 	Ball	7	200/240	50/60	0.24/0.22	32/30	2500/2600	54/58	297.5/314.5	175/185	7.3/6.2
GN150D3- 	Ball	7	360/400	50/60	0.12/0.11	32/30	2500/2600	54/58	297.5/314.5	175/185	7.3/6.2

Engineering Drawing (mm)



Air Performance



GN170B Series

172x151x39mm (6.8"x5.9"x1.5")

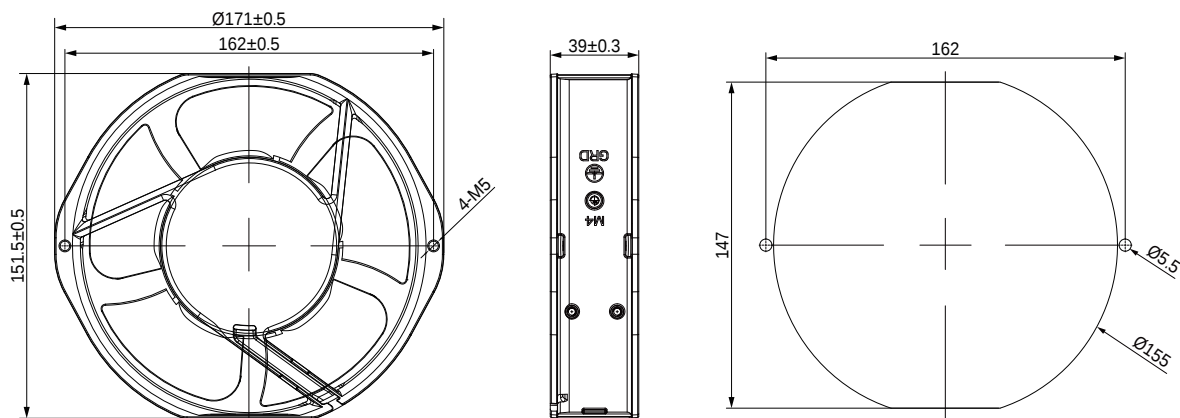


Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Plastic
 Operation Temp: -30~+60°C (Ball bearing)
 110V(±10%); 220V(±10%)
 Operation Voltage Range: 5mA Max.at 1500V for 1 min
 Dielectric Strength: Lead Wire; Pin
 Termination: 680g
 Weight: IP44
 Protection Class:

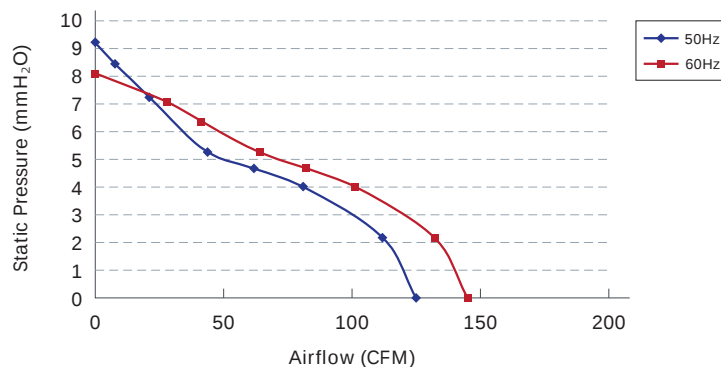
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN170B1- 	Ball	5	100/125	50/60	0.4/0.38	25/24	2400/2700	51/54	212.5/246.5	125/145	9.2/8.1
GN170B2- 	Ball	5	200/240	50/60	0.2/0.18	25/24	2400/2700	51/54	212.5/246.5	125/145	9.2/8.1
GN170B3- 	Ball	5	360/400	50/60	0.1/0.09	25/24	2400/2700	51/54	212.5/246.5	125/145	9.2/8.1

Engineering Drawing (mm)



Air Performance



GN170D-5 Series

172x150x51mm (6.8"x5.9"x2")

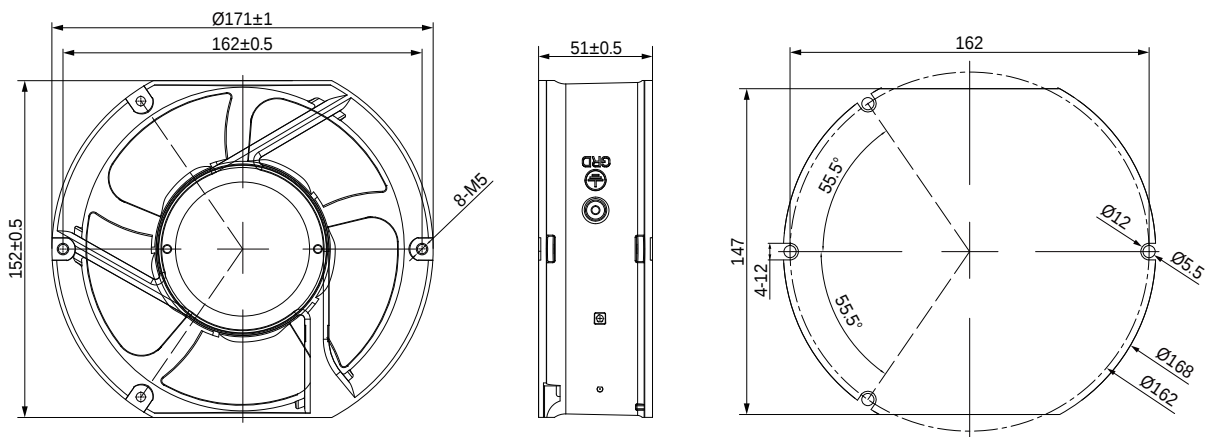


Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Plastic
 Operation Temp: -30~+60°C (Ball bearing)
 -10~+60°C (Sleeve)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 820g
 Protection Class: IP44
 Option: Customized Dual Voltage 110V/220V

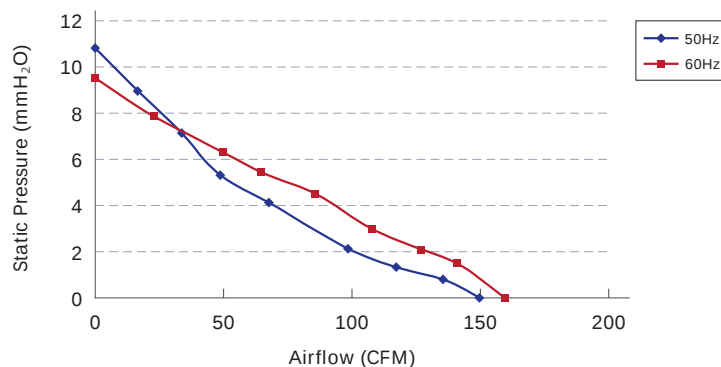
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN170D1-	Ball	5	100/125	50/60	0.45/0.42	30/28	2700/3000	53/59	255/272	150/160	10.8/9.5
GN170D2-	Ball	5	200/240	50/60	0.24/0.22	30/28	2700/3000	53/59	255/272	150/160	10.8/9.5
GN170D3-	Ball	5	360/400	50/60	0.12/0.11	30/28	2700/3000	53/59	255/272	150/160	10.8/9.5

Engineering Drawing (mm)



Air Performance



GN170D-7 Series

172x150x51mm (6.8"x5.9"x2")

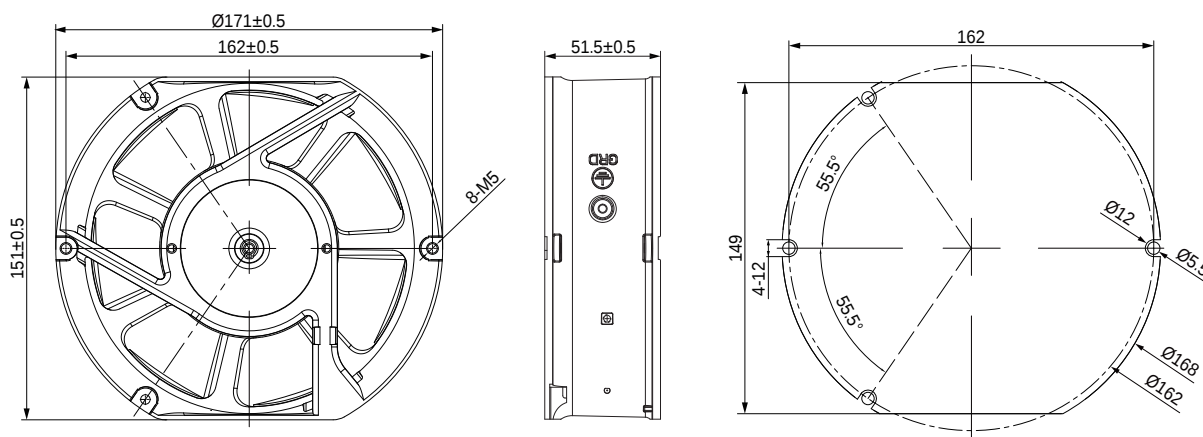


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing) -10~+60°C (Sleeve)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	830g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

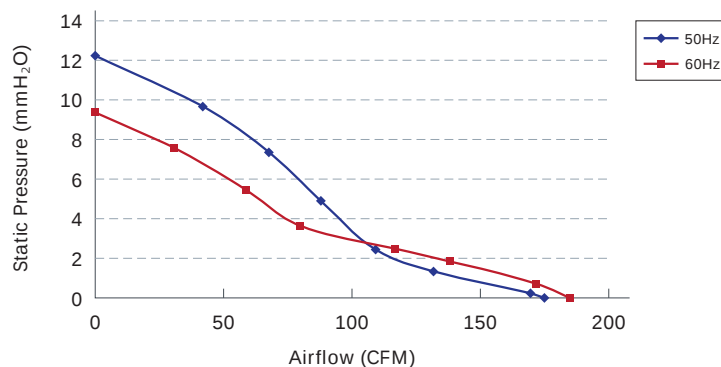
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN170D1- 	Ball	7	100/125	50/60	0.45/0.42	32/30	2500/2600	54/58	297.5/314.5	175/185	12.23/9.38
GN170D2- 	Ball	7	200/240	50/60	0.24/0.22	32/30	2500/2600	54/58	297.5/314.5	175/185	12.23/9.38
GN170D3- 	Ball	7	360/400	50/60	0.12/0.11	32/30	2500/2600	54/58	297.5/314.5	175/185	12.23/9.38

Engineering Drawing (mm)



Air Performance





Capacitor Motor

GN170D Xflow Series

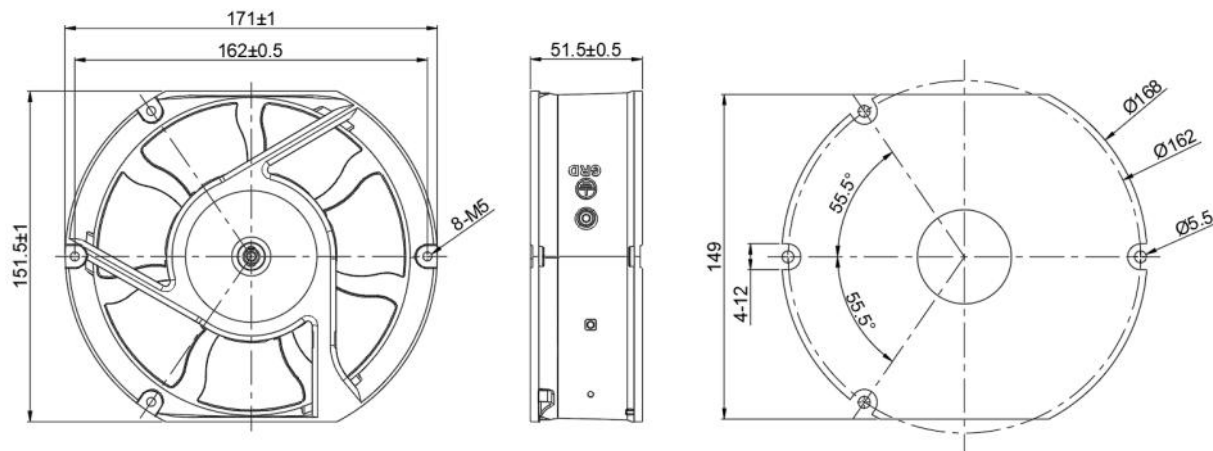
172x150x51mm (6.8"x5.9"x2")

Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Metal
 Operation Temp: -30~+60°C (Ball bearing)
 -10~+60°C (Sleeve)
 Operation Voltage Range: 110V(±10%); 220V(±10%)
 Dielectric Strength: 5mA Max.at 1500V for 1 min
 Termination: Lead Wire; Pin
 Weight: 830g
 Protection Class: IP44
 Option: Customized Dual Voltage 110V/220V

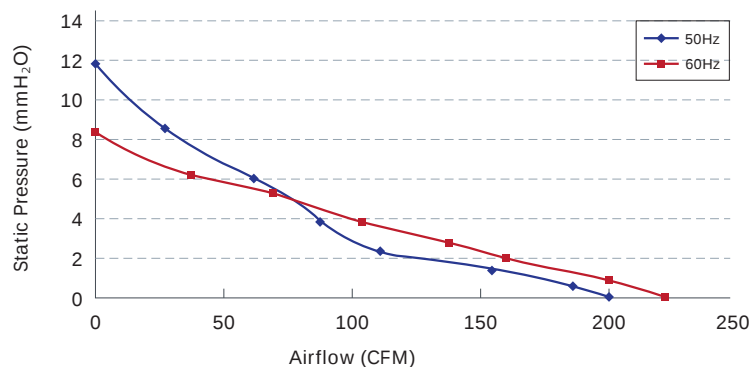
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GN170D1 Xflow- 	Ball	7	100/125	50/60	0.23/0.24	24.5/26.2	2700/3000	54.5/58.7	328.8/420.8	193.5/214.5	11.8/8.62	3uf/450V
GN170D2 Xflow- 	Ball	7	200/240	50/60	0.13/0.15	28.7/32	2700/3000	54.5/58.7	328.8/420.8	193.5/214.5	11.8/8.62	1uf/400V

Engineering Drawing (mm)



Air Performance





Alu. impeller

GN170D Metal Series

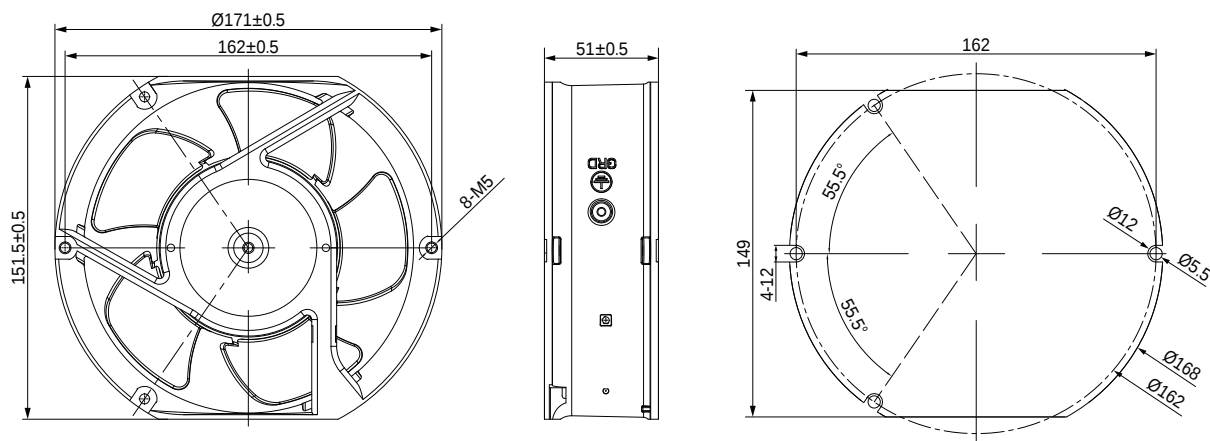
172x150x51mm (6.8"x5.9"x2")

Fan Frame: Die-cast Aluminum(Black coating)
 Fan Impeller: Metal
 Operation Temp: -30~+60°C (Ball bearing)
 110V(±10%); 220V(±10%)
 Operation Voltage Range: 5mA Max.at 1500V for 1 min
 Dielectric Strength: Lead Wire; Pin
 Termination: 860g
 Weight: IP44
 Protection Class: Customized Dual Voltage 110V/220V
 Option:

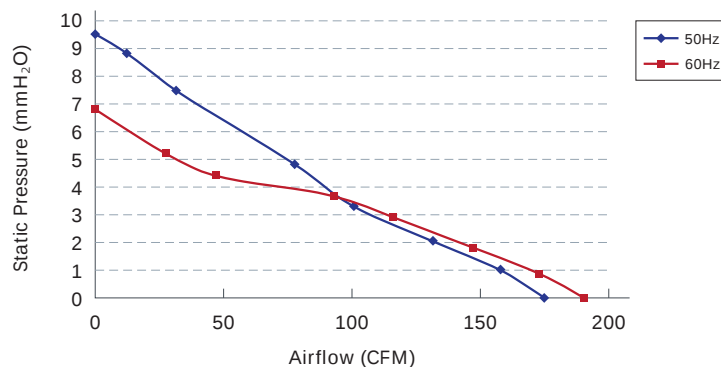
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN170D1- 	Ball	5	100/125	50/60	0.45/0.42	32/30	2600/3000	53/55	297/323	175/190	9.5/6.8
GN170D2- 	Ball	5	200/240	50/60	0.24/0.22	32/30	2600/3000	53/55	297/323	175/190	9.5/6.8
GN170D3- 	Ball	5	360/400	50/60	0.15/0.14	32/30	2600/3000	53/55	297/323	175/190	9.5/6.8

Engineering Drawing (mm)



Air Performance



GN180F Series

180x180x60mm (7"x7"x2.4")

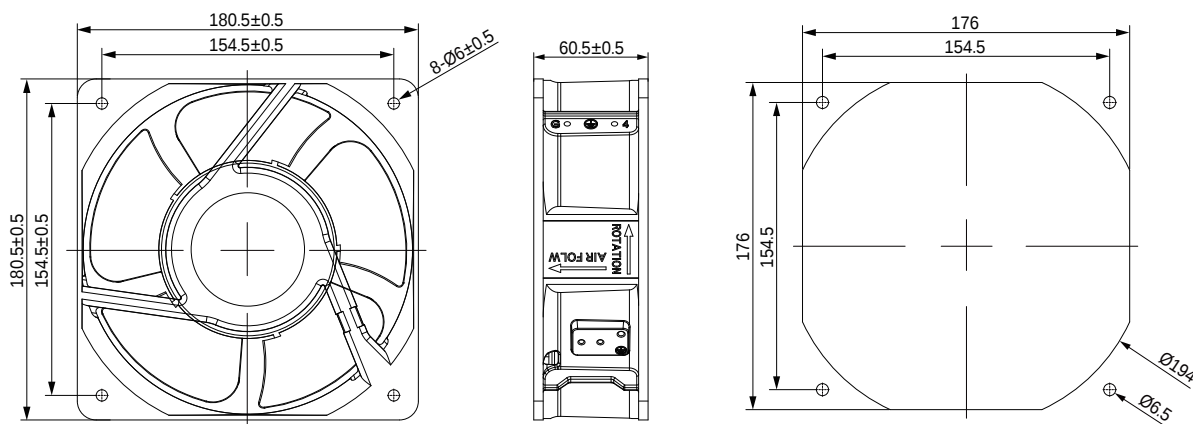


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	1400g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

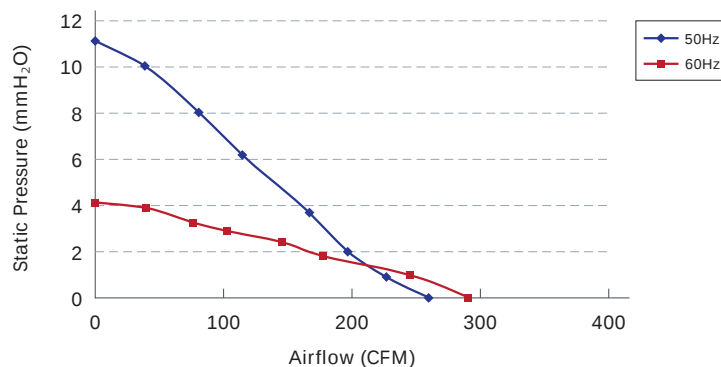
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN180F1- 	Ball	5	100/125	50/60	0.54/0.52	42/40	2700/3000	61/64	442/493	260/290	11.95/4.1
GN180F2- 	Ball	5	200/240	50/60	0.35/0.32	42/40	2700/3000	61/64	442/493	260/290	11.95/4.1
GN180F3- 	Ball	5	360/400	50/60	0.2/0.18	42/40	2700/3000	61/64	442/493	260/290	11.95/4.1

Engineering Drawing (mm)



Air Performance



GN200F Series

202x202x60mm (7.9"x7.9"x2.4")

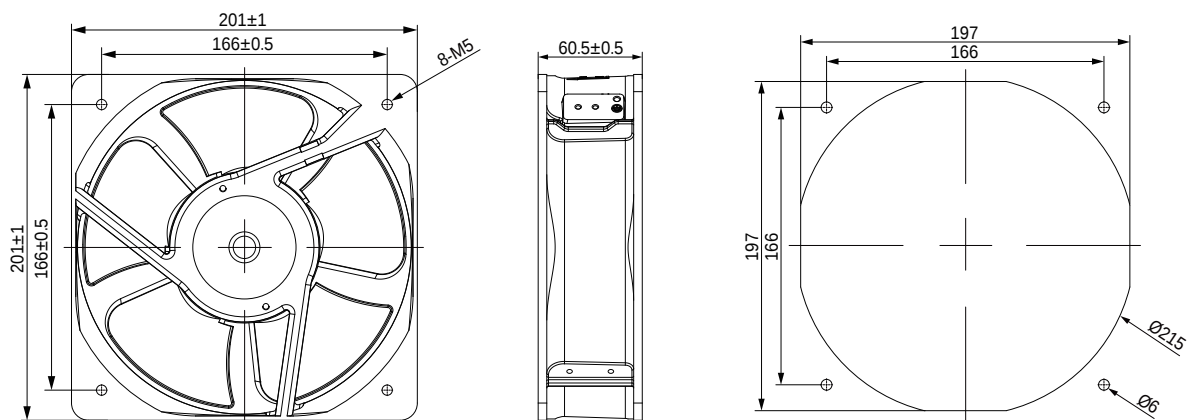


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	1500g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

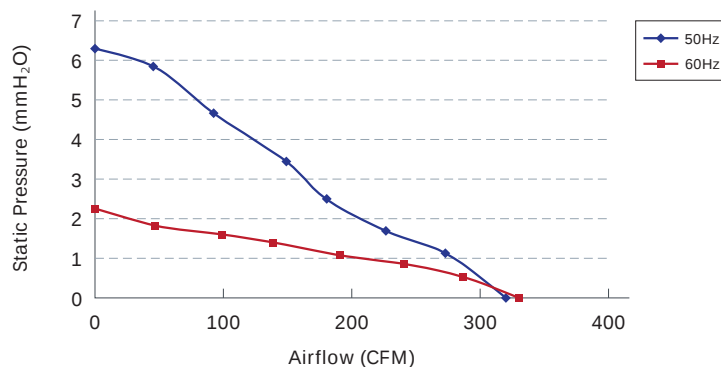
Specifications 技术参数

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN200F1- 	Ball	5	100/125	50/60	0.6/0.58	45/42	2600/2700	63/65	544/561	320/330	6.28/2.25
GN200F2- 	Ball	5	200/240	50/60	0.35/0.32	45/42	2600/2700	63/65	544/561	320/330	6.28/2.25
GN200F3- 	Ball	5	360/400	50/60	0.2/0.18	45/42	2600/2700	63/65	544/561	320/330	6.28/2.25

Engineering Drawing (mm)



Air Performance



GN220F Series

Ø220x60mm (8.7"x2.4")

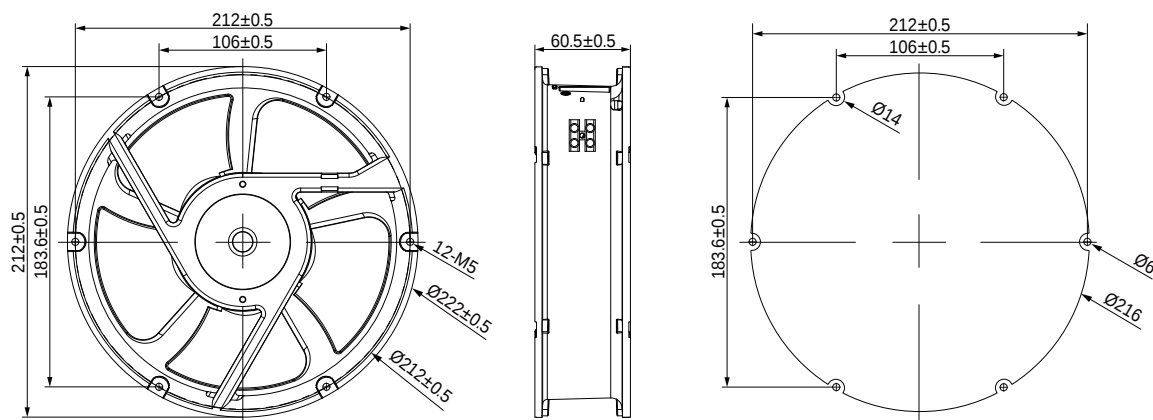


Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	1500g
Protection Class:	IP44
Option:	Customized Dual Voltage 110V/220V

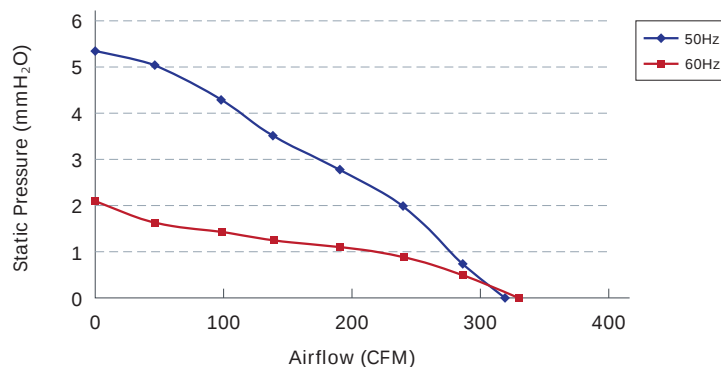
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O
GN220F1- 	Ball	5	100/125	50/60	0.58	45/42	2600/2700	63/65	544/561	320/330	5.34/2.1
GN220F2- 	Ball	5	200/240	50/60	0.35/0.32	45/42	2600/2700	63/65	544/561	320/330	5.34/2.1
GN220F3- 	Ball	5	360/400	50/60	0.2/0.18	45/42	2600/2700	63/65	544/561	320/330	5.34/2.1

Engineering Drawing (mm)



Air Performance



GN205Z Series

206x206x72mm (8.1"x8.1"x2.8")



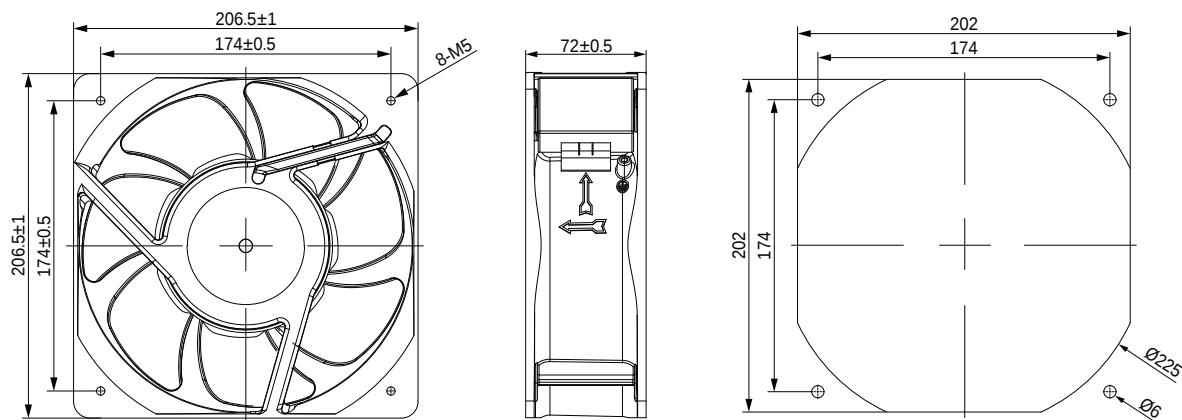
Capacitor Motor

Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	2300g
Protection Class:	IP44

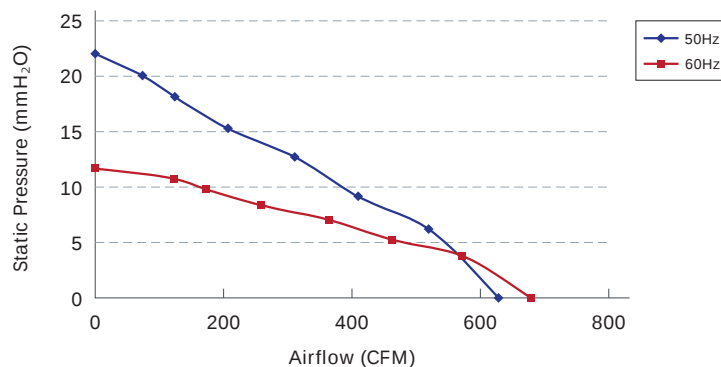
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GN205Z1C- 	Ball	7	100/125	50/60	0.6/0.7	60/80	2800/3200	67/69	1071/1156	630/680	22/11.7	6uf/250v
GN205Z2C- 	Ball	7	200/240	50/60	0.3/0.35	60/80	2800/3200	67/69	1071/1156	630/680	22/11.7	3uf/450v

Engineering Drawing (mm)



Air Performance



GN250K Series

Ø254x89mm (10"x3.5")



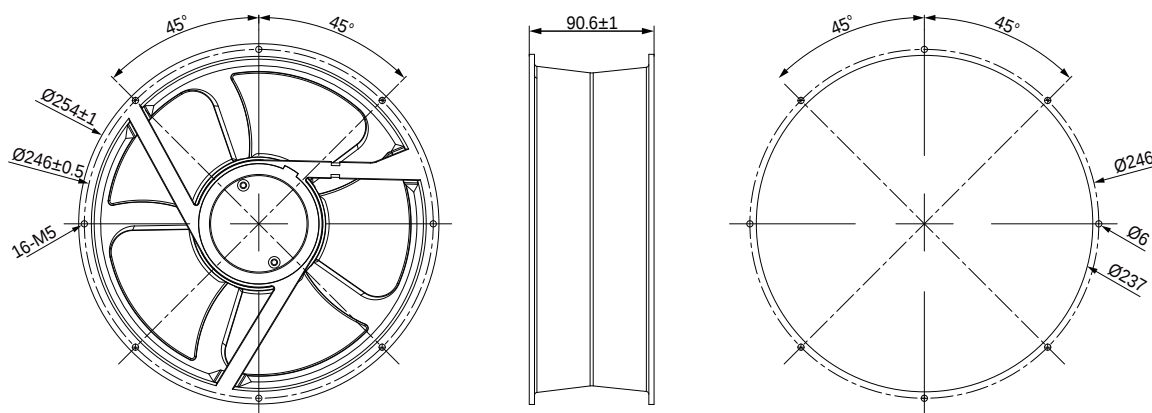
Capacitor Motor

Fan Frame:	Die-cast Aluminum(Black coating)
Fan Impeller:	Plastic
Operation Temp:	-30~+60°C (Ball bearing)
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	2200g
Protection Class:	IP44

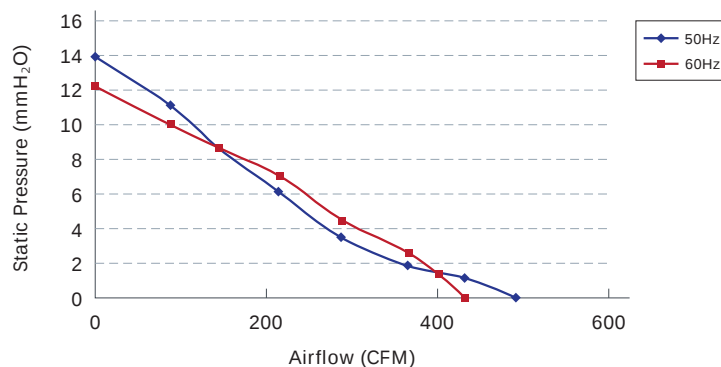
Specifications

Model	Bearing	Blades	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow	Pressure	Capacitor	
No.			VAC	Hz	A	W	RPM	dB(A)	m³/h	CFM	mmH₂O	uf
GN250K1C- X Y Z	Ball	5	100/125	50/60	0.85	50/70	2550/2450	50/70	836.4/736.1	492/433	13.9/12.2	4uf/250v
GN250K2C- X Y Z	Ball	5	200/240	50/60	0.25	50/70	2550/2450	50/70	836.4/736.1	492/433	13.9/12.2	1.5uf/450v
GN250K3C- X Y Z	Ball	5	360/400	50/60	0.2	50/70	2550/2450	50/70	836.4/736.1	492/433	13.9/12.2	0.7uf/630v

Engineering Drawing (mm)



Air Performance



GRA Series - AC Radial Fan

- Large Air Flow and High Air Pressure
- High efficiency



GRA175A Series

Ø175x65mm (6.9"x2.6")

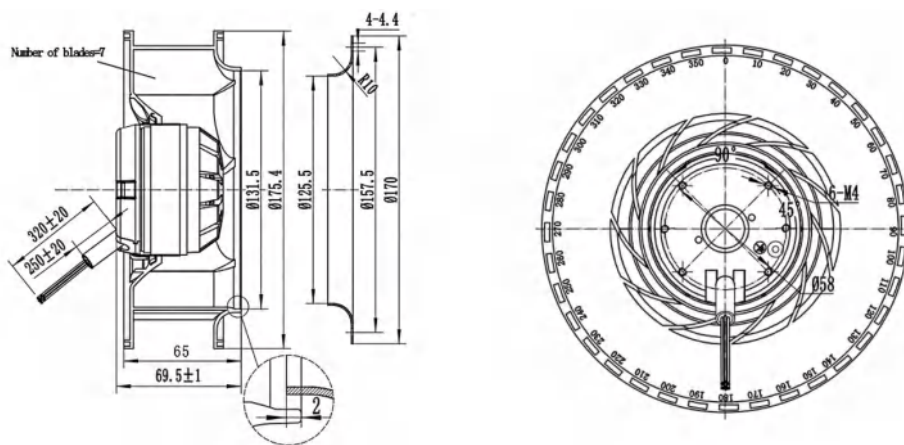


Fan Frame:	PA66 Nylon or Metal
Fan Impeller:	Plastic or Metal
Bearing system:	Ball bearing
Operation Temp:	-30~60°C
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	1000g
Protection Class:	IP44

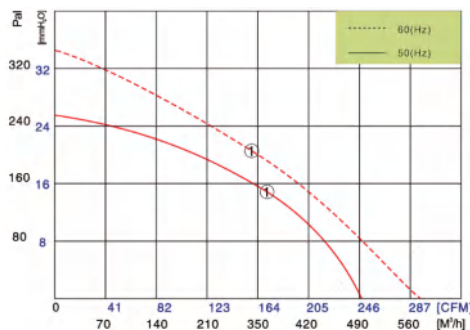
Specifications

Model	Voltage	Freq.	Current	Power	Speed	Noise	Capacitor	Max. Air Flow	Static Pressure	Curve No.		
No.	VAC	Hz	A	W	RPM	dB(A)	uf	m³/h	CFM	Pa	mmH₂O	
GRA175A1-	100/125	60	0.56	51	3100	68	3.3uf/630v	570	335	350	35.7	①
GRA175A2-	200/240	50/60	0.28/0.25	51/56	2750/3100	63/68	1.5uf/630v	490/570	288/335	250/350	25.5/35.7	①

Engineering Drawing (mm)



Air Performance



GRA190A Series

Ø190x61mm (7.5"x2.4")

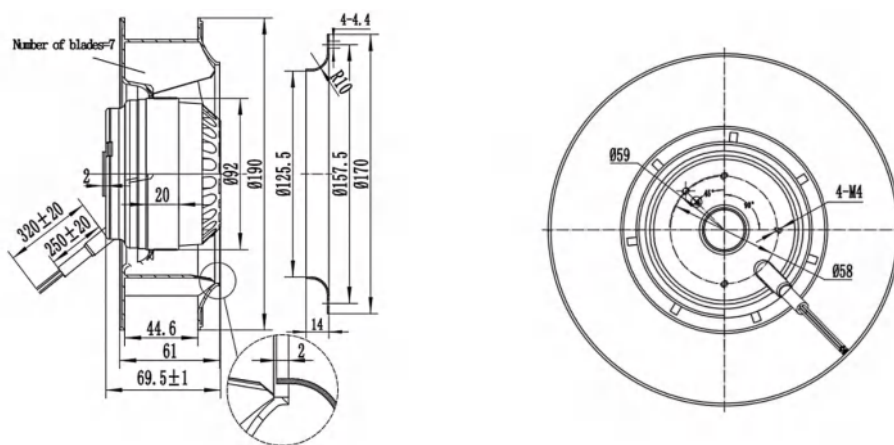


Fan Frame:	PA66 Nylon or Metal
Fan Impeller:	Plastic or Metal
Bearing system:	Ball bearing
Operation Temp:	-30~60°C
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	1200g
Protection Class:	IP44

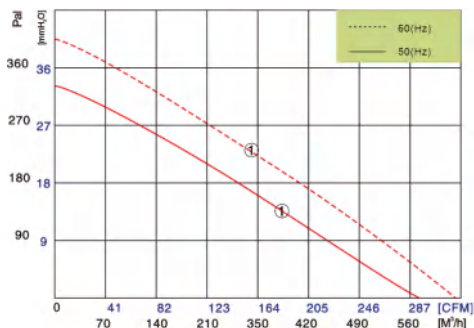
Specifications

Model	Voltage	Freq.	Current	Power	Speed	Noise	Capacitor	Max. Air Flow	Static Pressure	Curve No.		
No.	VAC	Hz	A	W	RPM	dB(A)	uf	m³/h	CFM	Pa	mmH₂O	
GRA190A1-X[YZ]	100/125	50/60	0.65/0.75	70/90	2600/2950	62/64	8.0uf/250v	570/620	336/365	330/430	33.6/43.8	①
GRA190A2-X[YZ]	200/240	50/60	0.30/0.45	70/90	2600/2950	62/64	2.2uf/630v	570/620	336/365	330/430	33.6/43.8	①

Engineering Drawing (mm)



Air Performance



GRA220A Series

Ø220x64mm (8.7"x2.5")

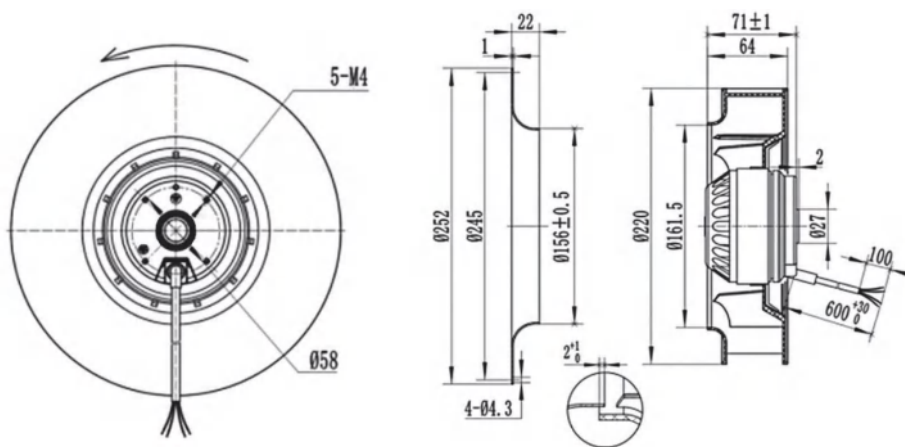


Fan Frame:	PA66 Nylon or Metal
Fan Impeller:	Plastic or Metal
Bearing system:	Ball bearing
Operation Temp:	-30~60°C
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	1700g
Protection Class:	IP44

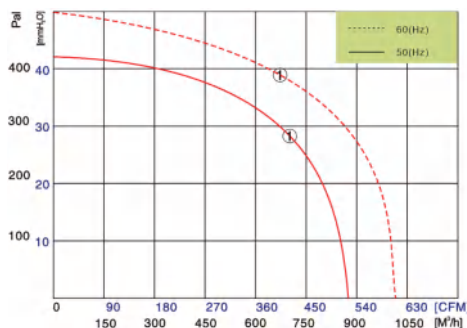
Specifications

Model	Voltage	Freq.	Current	Power	Speed	Noise	Capacitor	Max. Air Flow	Static Pressure	Curve No.		
No.	VAC	Hz	A	W	RPM	dB(A)	uf	m³/h	CFM	Pa	mmH₂O	
GRA220A1- 	100/125	50/60	0.90/1.17	115/134	2600/2950	73/74	8.0uf/250v	885/990	512/583	420/560	42.8/57.1	①
GRA220A2- 	200/240	50/60	0.45/0.46	90/98	2600/2950	73/74	8.0uf/250v	885/990	512/583	420/560	42.8/57.1	①

Engineering Drawing (mm)



Air Performance



GRA225A Series

Ø225x89mm (8.9"x3.5")

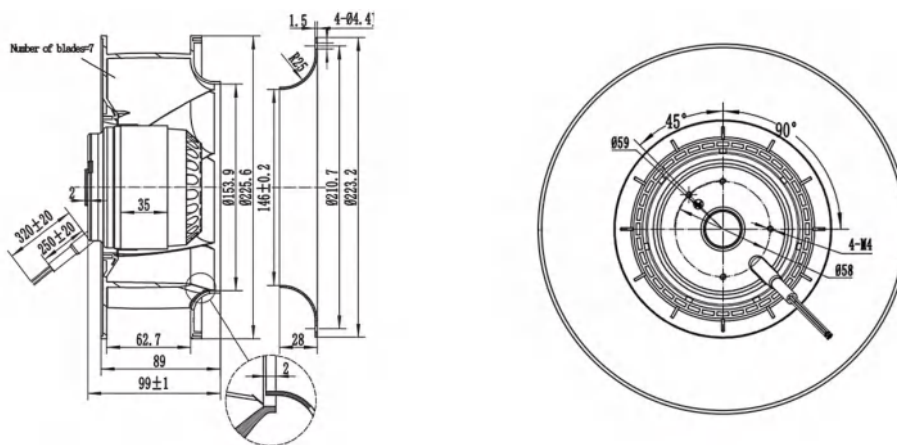


Fan Frame:	PA66 Nylon or Metal
Fan Impeller:	Plastic or Metal
Bearing system:	Ball bearing
Operation Temp:	-30~60°C
Operation Voltage Range:	110V(±10%); 220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire; Pin
Weight:	2350g
Protection Class:	IP44

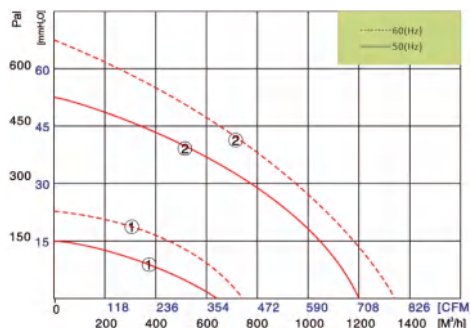
Specifications

Model	Voltage	Freq.	Current	Power	Speed	Noise	Capacitor	Max. Air Flow	Static Pressure	Curve No.		
No.	VAC	Hz	A	W	RPM	dB(A)	uf	m³/h	CFM	Pa	mmH₂O	
GRA225A1- 	115	50/60	1.3/1.7	120/180	2500/2700	69/71	20uf/450v	1200/1340	706/789	550/700	56.1/71.4	②
GRA225A2- 	230	50/60	0.55/0.8	120/180	2500/2700	69/71	4uf/630v	1200/1340	706/789	550/700	56.1/71.4	②

Engineering Drawing (mm)



Air Performance



GRA130FLJ5 Series

181x174x87mm (7.1"x6.9"x3.4")

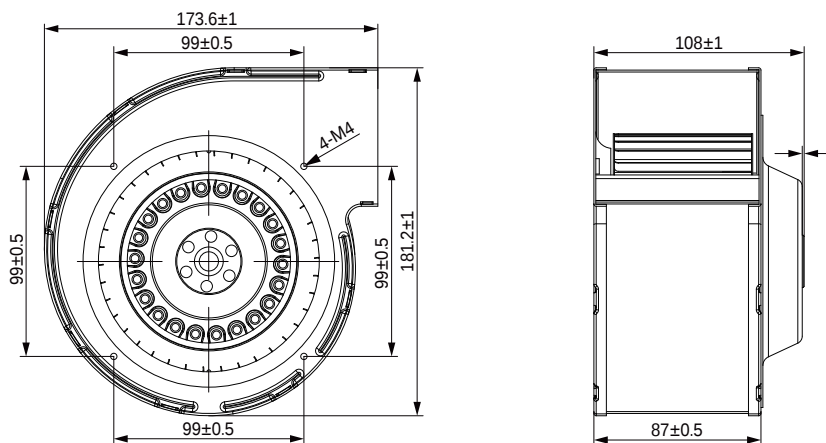


Fan Frame:	Metal
Fan Impeller:	Metal
Operation Temp:	-30~80°C
Operation Voltage Range:	220V(±10%)
Dielectric Strength:	5mA Max.at 1500V for 1 min
Termination:	Lead Wire
Weight:	2880g
Protection Class:	IP44

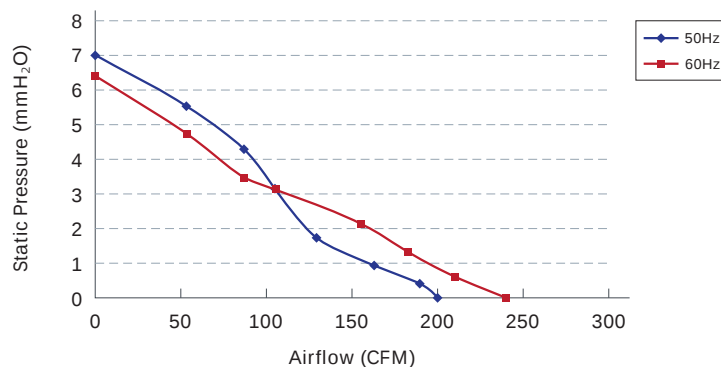
Specifications

Model	Voltage	Freq.	Current	Power	Speed	Noise	Max. Air Flow		Static Pressure	
No.	VAC	Hz	A	W	RPM	dB(A)	m ³ /h	CFM	Pa	mmH ₂ O
GRA130FLJ5- XXXXXX	200/240	50/60	0.55/0.50	120/160	2700/3000	72.5/74	339.8/407.8	200/240	342/314	35/32

Engineering Drawing (mm)



Air Performance





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