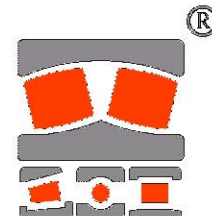


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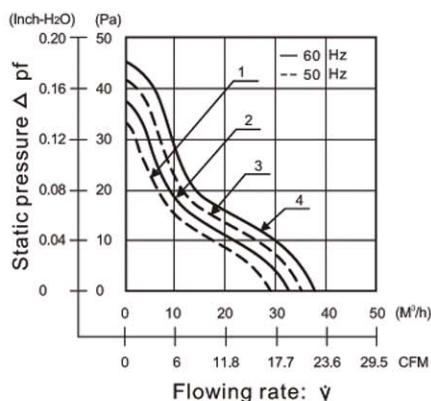
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NISIKI AC AXIAL FAN

NIS8025 Series

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by black paint. anti corrosion, anti oxidation.
 Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
 Bearing : NMB Ball Bearing (Sleeve bearing is optional)
 Power Connection : UL3266 Lead wire (terminal connection)

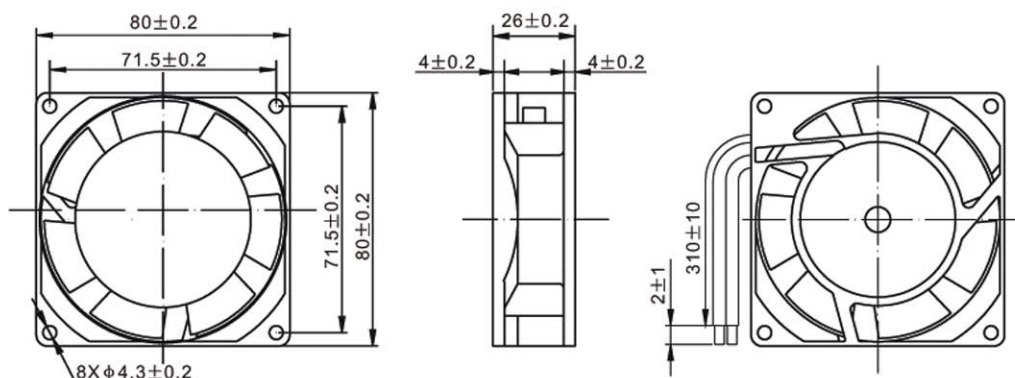
General Specifications

Motor Structure : Shaded pole motor with inner rotor running
 Allowable ambient temp. range : -20°C~+70°C (Ball Bearing)
 -10°C~+45°C (Sleeve Bearing)
 Insulation resistance : Over 100Mega ohm tested by a resistor atDC500V.
 Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
 Insulation grade : B, Protection grade : IP54
 Life : 60,000 hrs at 25°C (Ball Brg.), 28,000 hrs at 25°C (Sleeve Brg.)
 Unit weight : 0.225 kg

Specifications :

Type	Voltage V	Frequency Hz	Current Amp.	Power W _{+10%/-20%}	Speed rpm	Max. Air Flow		Max. Static Pressure(Pa)	Noise (dB)	Curve
						CFM	m3/h			
NIS8025LS1	115	50	0.14	12	1900	17.0	29	33	29	1
		60	0.12	10	2300	19.0	35	37	32	2
NIS8025HS1	115	50	0.40	13	2200	19.5	33	42	35	3
		60	0.13	11	2500	22.5	38	45	37	4
NIS8025LB1	115	50	0.14	12	1900	17.0	29	33	29	1
		60	0.12	10	2300	19.0	35	37	32	2
NIS8025HB1	115	50	0.40	13	2200	19.5	33	42	35	3
		60	0.13	11	2500	22.5	38	45	37	4
NIS8025LS2	230	50	0.08	13	1800	17.0	27.5	33	28	1
		60	0.06	10	2250	19.0	34	37	32	2
NIS8025HS2	230	50	0.08	14	2200	19.5	32	42	35	3
		60	0.08	11	2500	22.5	38	45	37	4
NIS8025LB2	230	50	0.08	13	1800	17.0	27.5	33	28	1
		60	0.06	10	2250	19.0	34	37	32	2
NIS8025HB2	230	50	0.08	14	2200	19.5	32	42	35	3
		60	0.08	11	2500	22.5	38	45	37	4

Outline



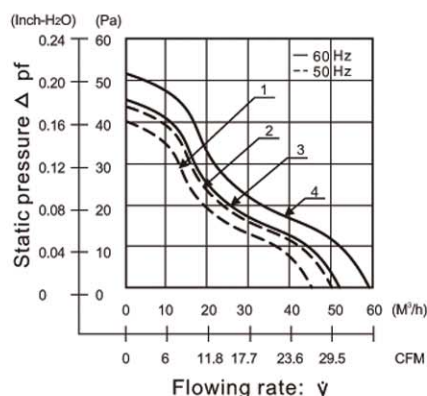
#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
 #Direction of Air : CCW seen from the front impellers.



NISIKI AC AXIAL FAN

NIS9225 Series

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by black paint. anti corrosion, anti oxidization.
Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
Bearing : NMB Ball Bearing (Sleeve bearing is optional)
Power Connection : UL3266 Lead wire (terminal connection)

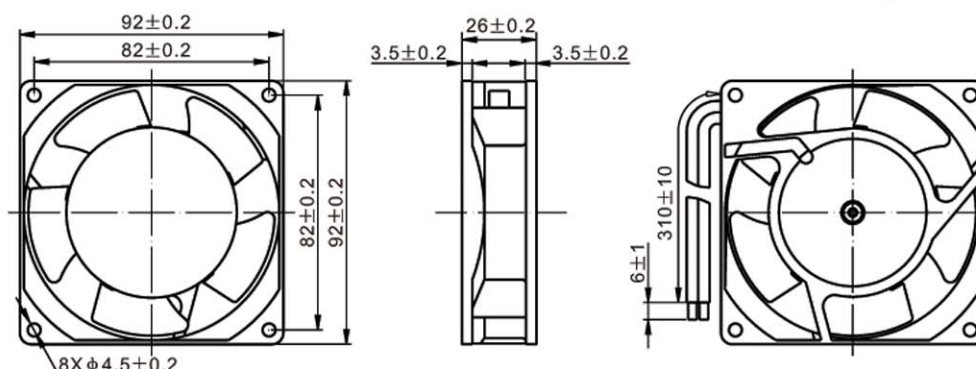
General Specifications

Motor Structure : Shaded pole motor with inner rotor running
Allowable ambient temp. range : -20°C~+70°C (Ball Bearing)
-10°C~+45°C (Sleeve Bearing)
Insulation resistance : Over 100Mega ohm tested by a resistor at DC500V.
Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
Insulation grade : B, Protection grade : IP54
Life : 60,000 hrs at 25°C (Ball Brg.), 28,000 hrs at 25°C (Sleeve Brg.)
Unit weight : 0.260 kg

Specifications :

Type	Voltage V	Frequency Hz	Current Amp.	Power W +10%/-20%	Speed rpm	Max. Air Flow		Max. Static Pressure(Pa)	Noise (dB)	Curve
						CFM	M3/h			
NIS9225LS1	115	50	0.14	12	2100	26.5	45	40	29	1
		60	0.10	9	2400	30.5	52	46	31	3
NIS9225HS1	115	50	0.15	12	2300	29.5	50	44	30	2
		60	0.12	10	2700	35.0	59	52	35	4
NIS9225LB1	115	50	0.14	12	2100	26.5	45	40	29	1
		60	0.10	9	2400	30.5	52	46	31	3
NIS9225HB1	115	50	0.15	12	2300	29.5	50	44	30	2
		60	0.12	10	2700	35.0	59	52	35	4
NIS9225LS2	230	50	0.07	12	2100	26.5	45	40	29	1
		60	0.06	9	2400	30.5	52	46	31	3
NIS9225HS2	230	50	0.08	13	2300	29.5	50	44	30	2
		60	0.07	10	2700	35.0	59	52	35	4
NIS9225LB2	230	50	0.07	12	2100	26.5	45	40	29	1
		60	0.06	9	2400	30.5	52	46	31	3
NIS9225HB2	230	50	0.08	13	2300	29.5	50	44	30	2
		60	0.07	10	2700	35.0	59	52	35	4

Outline



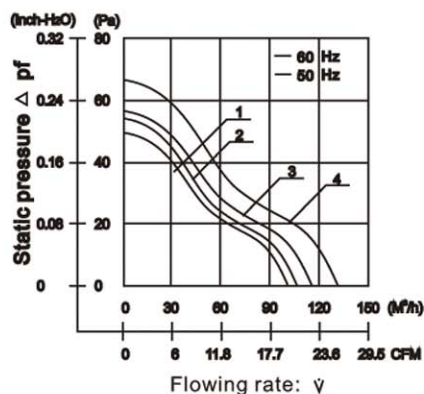
#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
#Direction of Air : CCW seen from the front impellers.



NISIKI AC AXIAL FAN

NIS12025 Series

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by black paint. anti corrosion, anti oxidization.
Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
Bearing : NMB Ball Bearing (Sleeve bearing is optional)
Power Connection : UL3266 Lead wire (terminal connection)

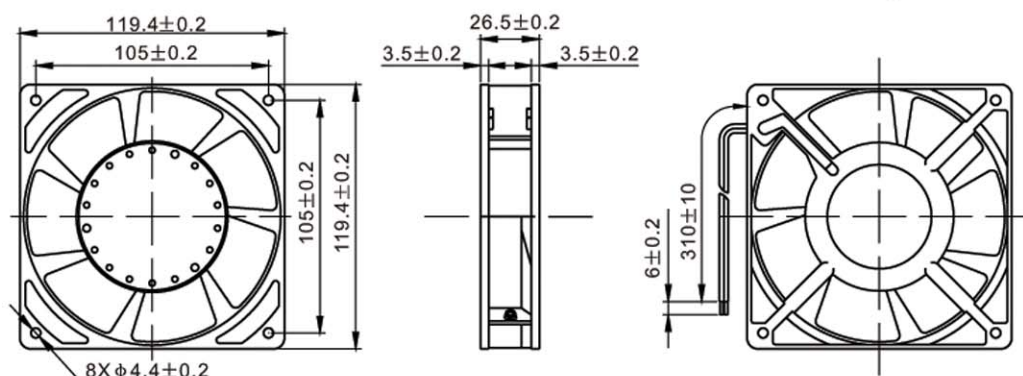
General Specifications

Motor Structure : Shaded pole motor with inner rotor running
Allowable ambient temp. range : -20°C~+70°C (Ball Bearing)
-10°C~+45°C (Sleeve Bearing)
Insulation resistance : Over 100Mega ohm tested by a resistor at DC500V.
Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
Insulation grade : B, Protection grade : IP54
Life : 60,000 hrs at 25°C (Ball Brg.), 28,000 hrs at 25°C (Sleeve Brg.)
Unit weight : 0.350 kg

Specifications :

Type	Voltage V	Frequency Hz	Current Amp.	Power W+10%/-20%	Speed rpm	Max. Air Flow		Max. Static Pressure(Pa)	Noise (dB)	Curve
						CFM	M3/h			
NIS12025LS1	115	50	0.19	16	2100	59	100	50	34	1
		60	0.17	14	2400	68	115	57	37	3
NIS12025HS1	115	50	0.21	17	2300	65	110	55	37	2
		60	0.18	15	2700	76	129	70	40	4
NIS12025LB1	115	50	0.19	16	2100	59	100	50	34	1
		60	0.17	14	2400	68	115	57	37	3
NIS12025HB1	115	50	0.21	17	2300	65	110	55	37	2
		60	0.18	15	2700	76	129	70	40	4
NIS12025LS2	230	50	0.10	16	2100	59	100	50	34	1
		60	0.09	14	2400	68	115	57	37	3
NIS12025HS2	230	50	0.11	17	2300	65	110	55	37	2
		60	0.10	15	2700	76	129	70	40	4
NIS12025LB2	230	50	0.10	16	2100	59	100	50	34	1
		60	0.09	14	2400	68	115	57	37	3
NIS12025HB2	230	50	0.11	17	2300	65	110	55	37	2
		60	0.10	15	2700	76	129	70	40	4

Outline



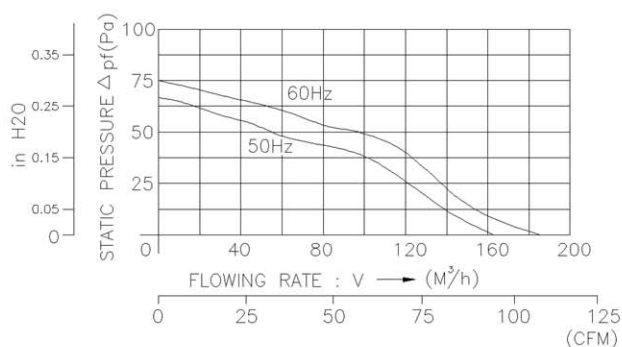
#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
#Direction of Air : CCW seen from the front impellers.



NISIKI AC AXIAL FAN

NIS12038HB2

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by black paint. anti corrosion, anti oxidization.
 Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
 Bearing : NMB Ball Bearing
 Power Connection : UL3266 Lead wire (terminal connection)

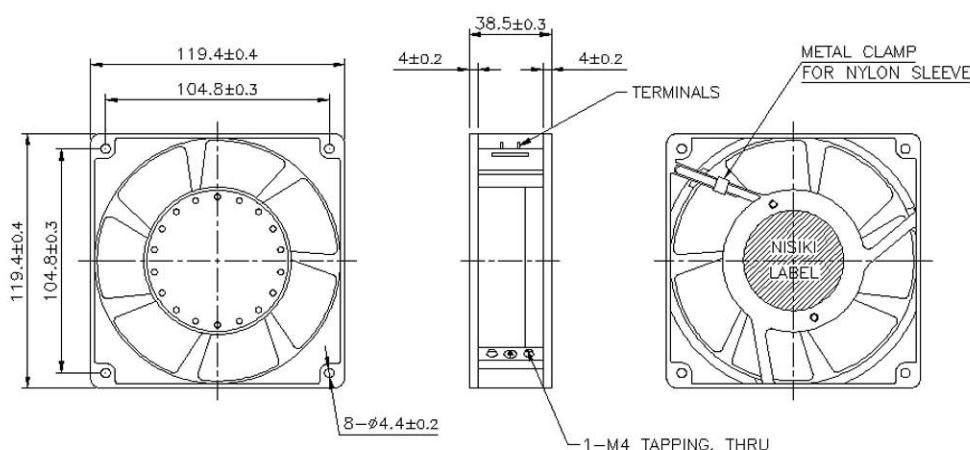
General Specifications

Motor Structure : Shaded pole motor with inner rotor running
 Allowable ambient temp. range : $-20^{\circ}C \sim +70^{\circ}C$ (with Ball Bearing)
 Insulation resistance : Over 100Mega ohm tested by a resistor atDC500V.
 Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
 Insulation grade : B, Protection grade : IP44
 No. of Blades : 7, No. of Poles : 2
 Life : 60,000 hrs at $25^{\circ}C$
 Unit weight : 0.510 kg

Specifications :

Voltage VAC	Starting Voltage VAC	Frequency Hz	Airflow CFM	Speed rpm	Power W	Current Amps.	Noise (dB)	Max Static Pressure (in-H2O)
230	180	50/60	95/ 110	2400/ 2900	17.0/ 20.0	0.11/ 0.20	44/48	0.27/0.30

Outline



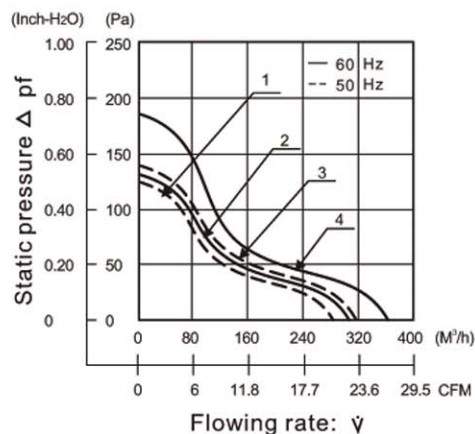
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NISIKI AC AXIAL FAN

NIS15051 Series

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by black paint. anti corrosion, anti oxidization.
Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
Bearing : NMB Ball Bearing (Sleeve bearing is optional)
Power Connection : UL3266 Lead wire (terminal connection)

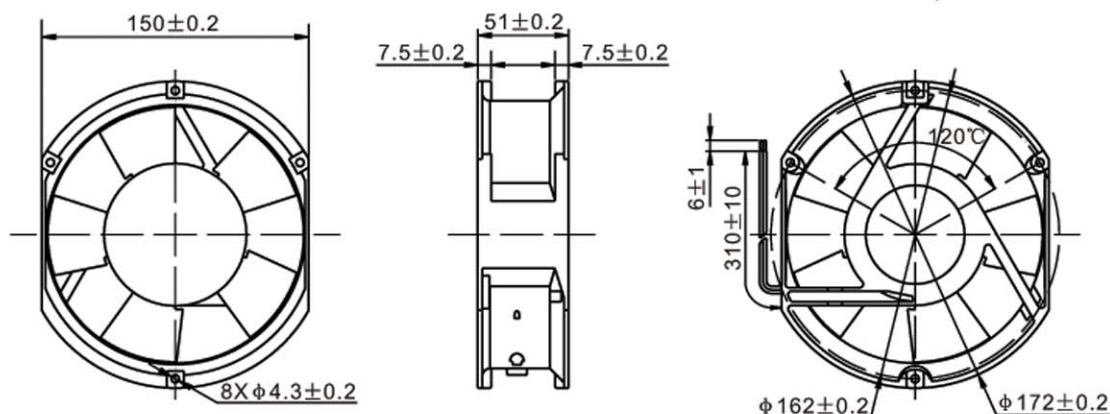
General Specifications

Motor Structure : Shaded pole motor with inner rotor running
Allowable ambient temp. range : -20°C~+70°C (Ball Bearing)
Insulation resistance : Over 100Mega ohm tested by a resistor at DC500V.
Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
Insulation grade : B, Protection grade : IP54
Life : 60,000 hrs at 25°C (Ball Brg.)
Unit weight : 0.895 kg

Specifications :

Type	Voltage V	Frequency Hz	Current Amp.	Power W _{+10%/-20%}	Speed rpm	Max. Air Flow		Max. Static Pressure(Pa)	Noise (dB)	Curve
						CFM	M3/h			
NIS15051LB1	115	50	0.34	25	2400	165	280	125	53	1
		60	0.32	23	2900	182	308	130	55	2
NIS15051HB1	115	50	0.36	28	2650	175	297	140	55	3
		60	0.34	25	3000	201	350	180	58	4
NIS15051LB2	230	50	0.18	23	2400	165	280	125	53	1
		60	0.17	22	2700	182	308	130	55	2
NIS15051HB2	230	50	0.19	25	2600	175	297	140	55	3
		60	0.17	23	3000	201	350	180	58	4

Outline



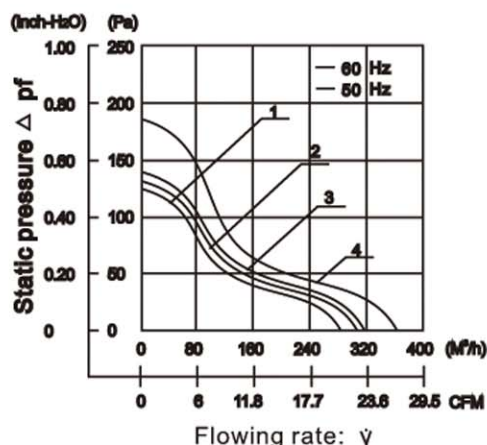
#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
#Direction of Air : CCW seen from the front impellers.



NISIKI AC AXIAL FAN

NIS17051 Series

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by black paint. anti corrosion, anti oxidization.
 Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
 Bearing : NMB Ball Bearing (Sleeve bearing is optional)
 Power Connection : UL3266 Lead wire (terminal connection)

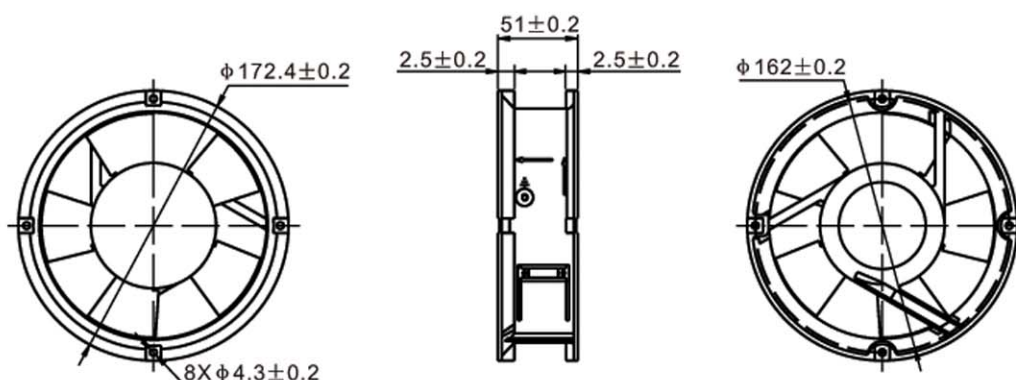
General Specifications

Motor Structure : Shaded pole motor with inner rotor running
 Allowable ambient temp. range : -20°C~+70°C (Ball Bearing)
 Insulation resistance : Over 100Mega ohm tested by a resistor at DC500V.
 Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
 Insulation grade : B, Protection grade : IP54
 Life : 60,000 hrs at 25°C (Ball Brg.)
 Unit weight : 0.980 kg

Specifications :

Type	Voltage V	Frequency Hz	Current Amp.	Power W _{+10%/-20%}	Speed rpm	Max. Air Flow		Max. Static Pressure(Pa)	Noise (dB)	Curve
						CFM	M3/h			
NIS17051LB1	115	50	0.34	25	2400	165	280	125	53	1
		60	0.32	23	2900	182	308	130	55	2
NIS17051HB1	115	50	0.36	28	2650	175	297	140	55	3
		60	0.34	25	3000	201	350	180	58	4
NIS17051LB2	230	50	0.18	23	2400	165	280	125	53	1
		60	0.17	22	2700	182	308	130	55	2
NIS17051HB2	230	50	0.19	25	2600	175	297	140	55	3
		60	0.17	23	3000	201	350	180	58	4

Outline



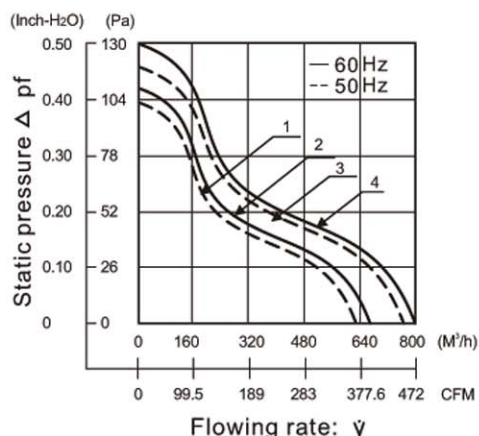
#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
 #Direction of Air : CCW seen from the front impellers.



NISIKI AC AXIAL FAN

NIS23065 Series

Characteristic Curves



Model



Material

Frame : Die-casting AZ91D Magnesium Alloy. Surface is finished by black paint. anti corrosion, anti oxidization.
Impeller : Made by injection mould with black plastic, PBT+30% glass fibre+VO class of anti-burning liquid.
Bearing : NMB Ball Bearing
Power Connection : PA-10 terminal connection

General Specifications

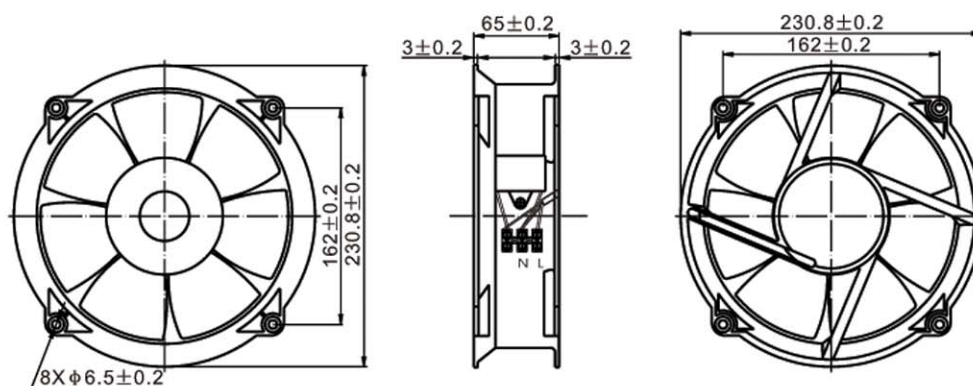
Motor Structure : Single phase motor with rotor inducted by running capacitor.
Motor Protection : Ultra temperature protection under high speed.
Automatic protection under half & low speed.
Allowable ambient temp. range : -20°C~+70°C (Ball Bearing)
Insulation resistance : Over 100Mega ohm tested by a resistor at DC500V.
Dielectric withstanding voltage : AC 2000V at 0.5mA, 50/60Hz
Insulation grade : F, Protection grade : IP54
Life : 60,000 hrs at 25°C, 30,000 hrs at 45°C (Ball Brg.)
Unit weight : 1.810 kg

Specifications :

Type	Voltage V	Freq. Hz	Current Amp.	Power W _{+10%/-20%}	Speed rpm	Max. Air Flow		Max. Static Press.(Pa)	Noise (dB)	Curve	Capacitor μF/vdb
						CFM	M3/h				
NIS23065LB1	115	50	0.50	56	2000	370	630	100	58	1	3 / 250
		60	0.60	57	2250	401	680	110	62	2	
NIS23065HB1	115	50	0.55	58	2400	443	750	120	65	3	3 / 250
		60	0.65	60	2550	531	800	130	70	4	
NIS23065LB2	230	50	0.26	56	2000	370	630	100	58	1	1.2 / 500
		60	0.27	58	2350	401	680	110	62	2	
NIS23065HB2	230	50	0.27	58	2400	443	750	120	65	3	1.2 / 500
		60	0.28	60	2550	472	800	130	70	4	

Outline

#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
#Direction of Air : CCW seen from the front impellers.

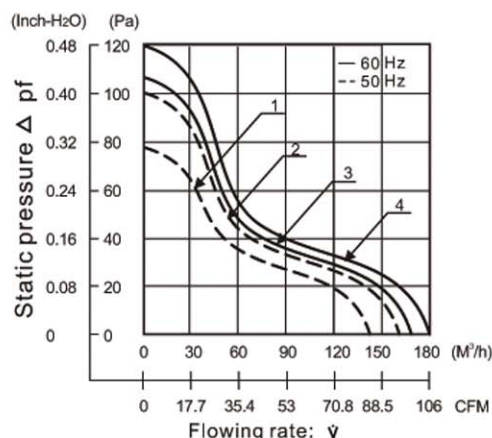




NISIKI AC AXIAL FAN

NIS12038M Series

Characteristic Curves



Model



Material

Frame : Die-casting adc12 Aluminium Alloy. Surface is finished by grey paint. anti corrosion, anti oxidization.

Impeller : Stricked out from metal armor plate, impellers are welded to motor rotor directly. Surface treatment by anti corrosion grey paint.

Bearing : NMB Ball Bearing

Power Connection : UL3266 lead connection(terminal connection)

Specifications :

Motor Structure : Single phase, shaded pole motor with external rotor running, with 2-class ultra temperature protect.

Allowable ambient temp. range : -20°C~+65°C (Ball Bearing)

Insulation resistance : Over 100Mega ohm tested by a resistor atDC500V.

Dielectric withstanding voltage : AC 1,800V at 0.5mA, 50/60Hz

Insulation grade : F, Protection grade : IP54

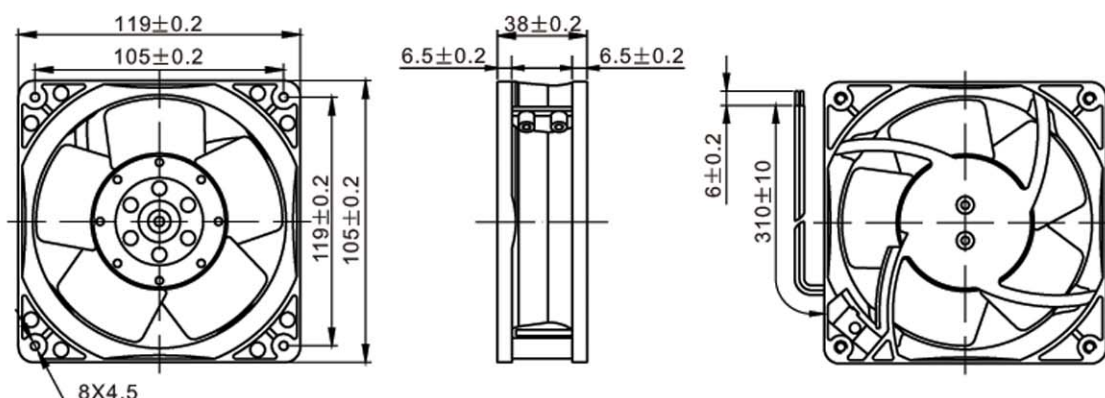
Life : 80,000 hrs at 45°C, 45,000 hrs at 60°C (Ball Brg.)

Unit weight : 0.540 kg

Type	Voltage V	Frequency Hz	Current Amp.	Power W _{+10%/-20%}	Speed rpm	Max. Air Flow		Max. Static Pressure(Pa)	Noise (dB)	Curve
						CFM	M3/h			
NIS12038MLB1	115	50	0.31	25	2300	82.6	140	79	36	1
		60	0.25	20	2800	100	170	110	40	3
NIS12038MHB1	115	50	0.34	27	2600	95	160	100	39	2
		60	0.27	22	3100	106	180	120	41	4
NIS12038MLB2	230	50	0.16	25	2300	82.6	140	79	36	1
		60	0.13	20	2800	100	170	110	40	3
NIS12038MHB2	230	50	0.17	27	2600	95	160	100	39	2
		60	0.14	22	3100	106	180	120	41	4

Outline

#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.
#Direction of Air : CCW seen from the front impellers.

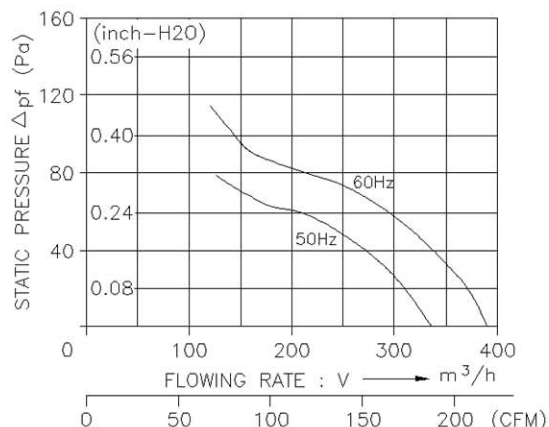




NISIKI AC AXIAL FAN

NIS17255HB2

Characteristic Curves



Model



Material

Frame : Die-Cast Aluminium, treated with anti-corrosion.
 Impeller : Stricked out from metal armor plate, impellers are welded to motor rotor directly and surface is treated by anti-corrosion grey paint.
 Bearing : NMB Ball Bearing
 Power Connection : UL3266 lead connection

General Specifications

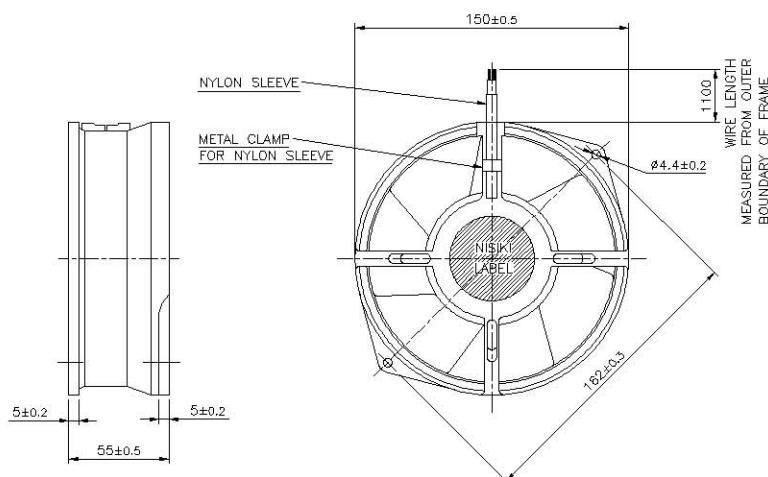
Motor Structure : Single phase shaded pole motor with external rotor running, with 2-class ultra temperature protect.
 Allowable ambient temp. range : $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$
 Insulation resistance : Over 100Mega ohm tested by a resistor at DC500V.
 Dielectric withstanding voltage : AC1,800V at 0.5mA, 50/60Hz
 Insulation grade : F, Protection grade : IP54
 Life : 60,000 hrs at 45°C
 No. of Blades : 7, Unit weight : 1.1 kg

Specifications :

Voltage VAC	Starting Voltage VAC	Frequency Hz	Airflow CFM	Speed rpm	Power W	Current Amps.	Noise (dB)	Max Static Pressure (Pa)
230	150	50/60	191/224	2750/3200	47/41	0.33/0.28	48/52	80/120

This specification is for reference only, It's subject to change without ay prior otice.

Outline



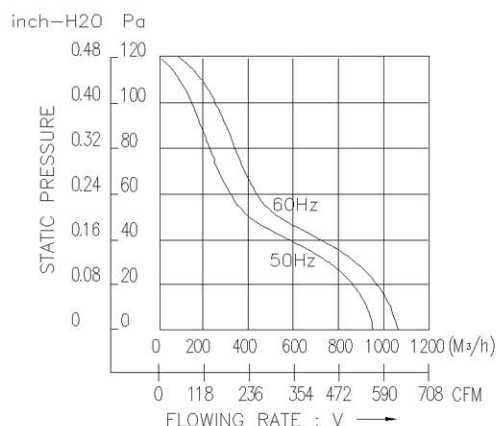
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NISIKI AC AXIAL FAN

NIS22080HB2

Characteristic Curves



Model



Material

Frame : Die-casting AZ19D Magnesium Alloy, treated with anti-corrosion.
 Impeller : Stricked out from metal armor plate, impellers are welded to motor rotor directly and surface is anti-corrupted & finished by ka Electrophoresis
 Bearing : NSK Ball Bearing
 Power Connection : PA-10 (terminal connection)

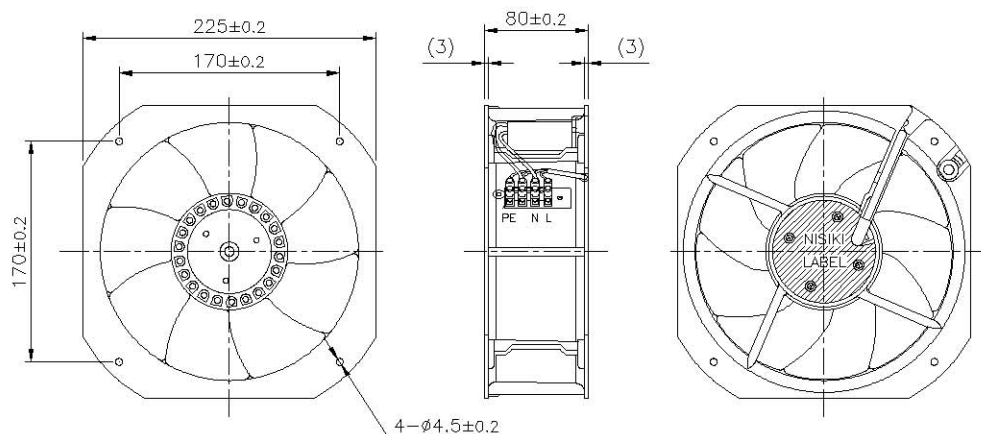
Specifications :

General Specifications

Motor Structure : Single phase motor with external rotor inducted by a running capacitor.
 Motor Protection : Ultra temperature protection under high speed.
 Automatic protection under half or low speed.
 Allowable ambient temp. range : -20°C~+80°C (Operating)
 -30°C~+90°C (Storage)
 Insulation resistance : Over 100Mega ohm tested by a resistor atDC500V.
 Dielectric withstanding voltage : AC 2,500V at 0.5mA, 50/60Hz
 Insulation grade : F, Protection grade : IP55
 Life : 80,000 hrs at 45°C, 45,000 hrs at 60°C
 No. of Blades : 9, Unit weight : 2.0 kg

Voltage VAC	Starting Voltage VAC	Frequency Hz	Airflow CFM	Speed rpm	Power W	Current Amps.	Noise (dB)	Max Static Pressure (Pa)
230	180	50/60	540/596	2450/2700	65/75	0.29/0.33	59/61	120/120

Outline

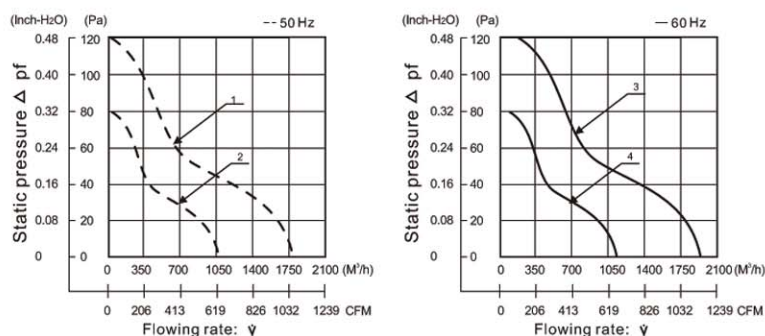




NISIKI AC AXIAL FAN

NIS28080 Series

Characteristic Curves



Model



Material

Frame : Die-casting AZ91D Magnesium Alloy, treated with anti corrosion.

Impeller : Stricked out from metal armor plate, impellers are welded to motor rotor directly. Surface is anti corrosion & and finished by ka. Electrophoresis.

Bearing : NSK Ball Bearing.

Power Connection : PA-10 terminal onnection.

Specifications :

General Specifications

Motor Structure : Single phase motor with external rotor inducted by running capacitor.

Motor Protection : Ultra temperature protection under high speed.

Automatic protection under half or low speed.

Allowable ambient temp. range : -20°C~+80°C (Operating), -30°C~+90°C (Storage)

Insulation resistance : Over 100Mega ohm tested by a resistor atDC500V.

Dielectric withstanding voltage : AC 2,500V at 0.5mA, 50/60Hz

Insulation grade : F, Protection grade : IP55

Life : 80,000 hrs at 45°C, 45,000 hrs at 60°C (Ball Brg.)

Unit weight : 2.0 kg

Type	Voltage V	Freq. Hz	Current Amp.	Power W _{+10%} /-20%	Speed rpm	Max. Air Flow		Max. Static Press.(Pa)	Noise (dB)	Curve	Capacitor μF/vdb
						CFM	M3/h				
NIS28080HB1	115	50	1.00	115	2520	1060	1800	120	68	1	8 / 250
		60	1.30	155	2680	1150	1950	120	70	3	
NIS28080LB1	230	50	0.19	42	1380	590	1000	80	45	2	1.5 / 500
		60	0.20	45	1560	696	1180	80	48	4	
NIS28080HB2	230	50	0.56	127	2520	1060	1860	120	68	1	4 / 500
		60	0.78	175	2680	1150	1970	120	70	3	

Outline

#All kind of technical parameter are related with setting states and environment, samples parameter are got from the standard experiment test, so they are only used for comparison.

#Direction of Air : CCW seen from the front impellers.

