



Centrifugal

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Head Office Tel : 886-7-532 5777 Fax : 886-7-532 6777 Export Dep : 886-4-24718676

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蕓昱股份有限公司

Chan Yu Technology Co., Ltd.

Quality

Efficient

Centrifugal

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Backward Curved Centrifugal Fan 110V 2 Pole Performance



Impeller: Steel

Ambient Temperature Range: -20°C ~ +70°C

Insulation: F class

Bearing: Ball

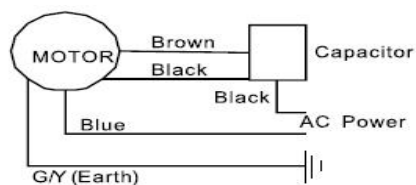
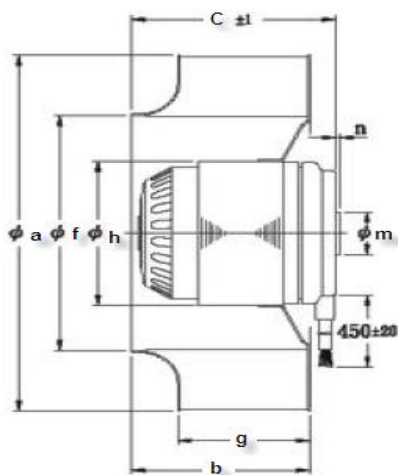
Motor Structure: Outer rotor Motor

Motor protection: Thermal Protected

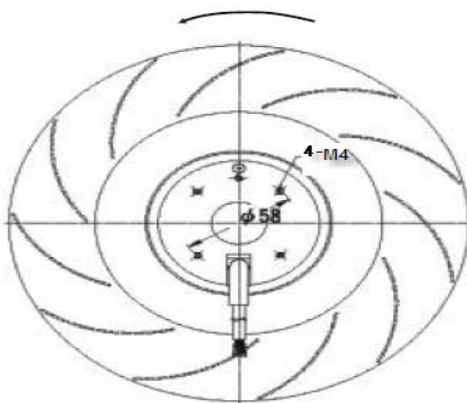
Termination: Lead wire 450± 20mm

Dimension (units:mm)

Outline Dimension Data



Wiring Connection



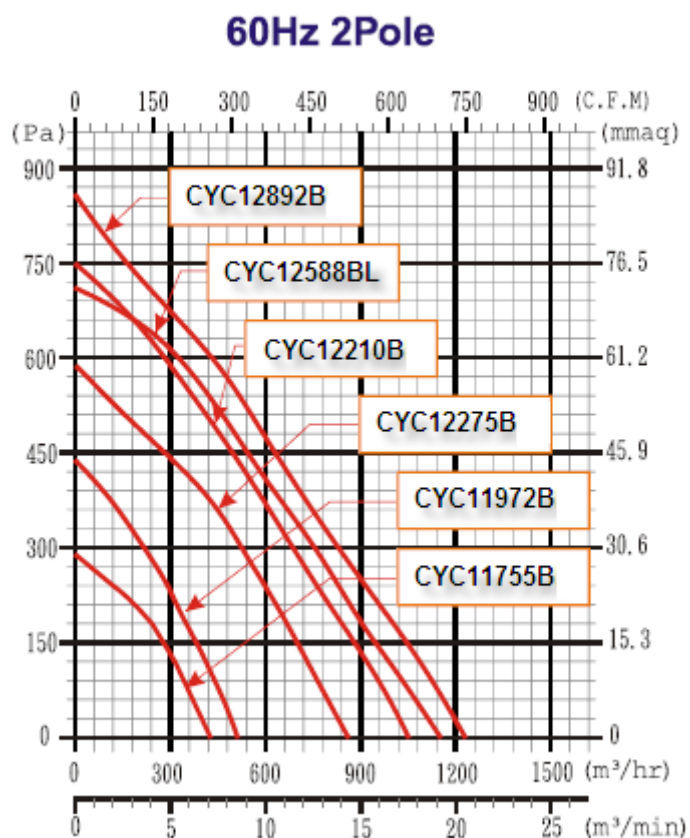
Model	a	b	c	f	g	h	m	n
CYC11755B	175	75	83	132	60	92	27	2
CYC11972B	190	64	73	133	46	92	27	2
CYC12210B	225	88	100	153	65	92	27	2
CYC12275B	225	65	75	153	42	92	27	2
CYC12588B	250	76	88	187	52	92	27	2
CYC12892B	280	72	92	210	44	92	27	2



Backward Curved Centrifugal Fan 110V 2 Pole Performance



Dimension (units:mm)



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (m³/hr)	Noise (dB)
CYC11755B	110	60	0.62	70	2650	430	58
CYC11972B	110	60	0.8	86	2385	570	61
CYC12210B	110	60	1.9	200	2900	1050	75
CYC12275B	110	60	1.05	115	2925	870	72
CYC12588B	110	60	2	220	2200	1150	76
CYC12892B	110	60	2.8	300	2370	1230	75



Backward Curved Centrifugal Fan 220V 2 Pole Performance



Impeller: Steel

Ambient Temperature Range: -20°C ~ +70°C

Insulation: F class

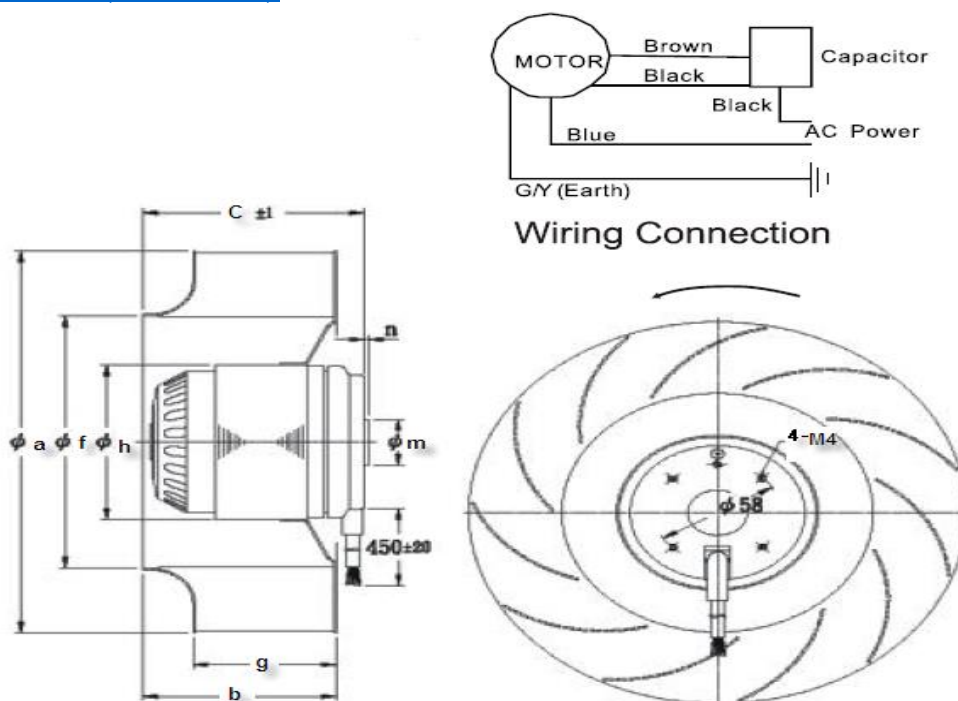
Bearing: Ball

Motor Structure: Outer rotor Motor

Motor protection: Thermal Protected

Termination: Lead wire 450± 20mm

Dimension (units:mm)



Model	a	b	c	f	g	h	m	n
CYC21755B	175	75	83	132	60	92	27	2
CYC21972B	190	64	73	133	46	92	27	2
CYC22210B	225	88	100	153	65	92	27	2
CYC22275B	225	65	75	153	42	92	27	2
CYC22588B	250	76	88	187	52	92	27	2
CYC22892B	280	72	92	210	44	92	27	2

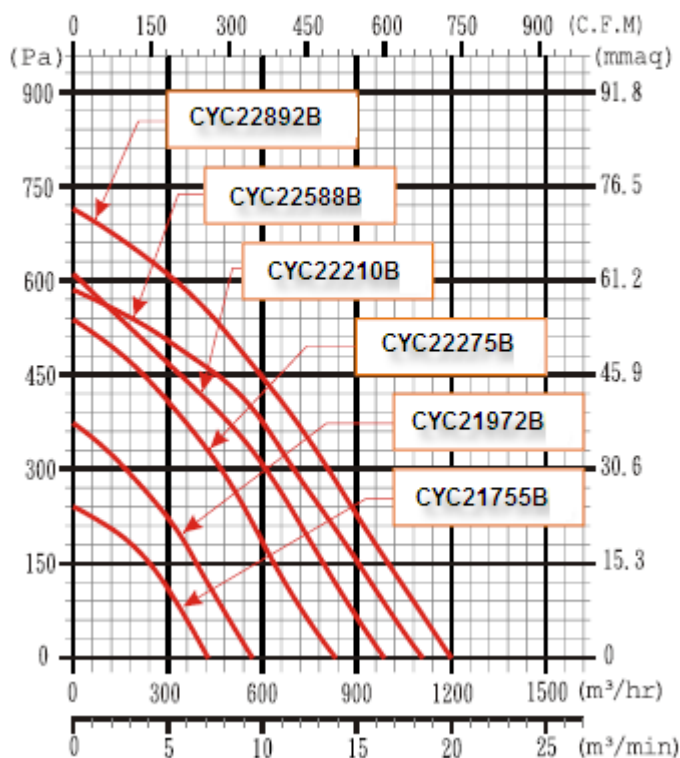


Backward Curved Centrifugal Fan 220V 2 Pole Performance

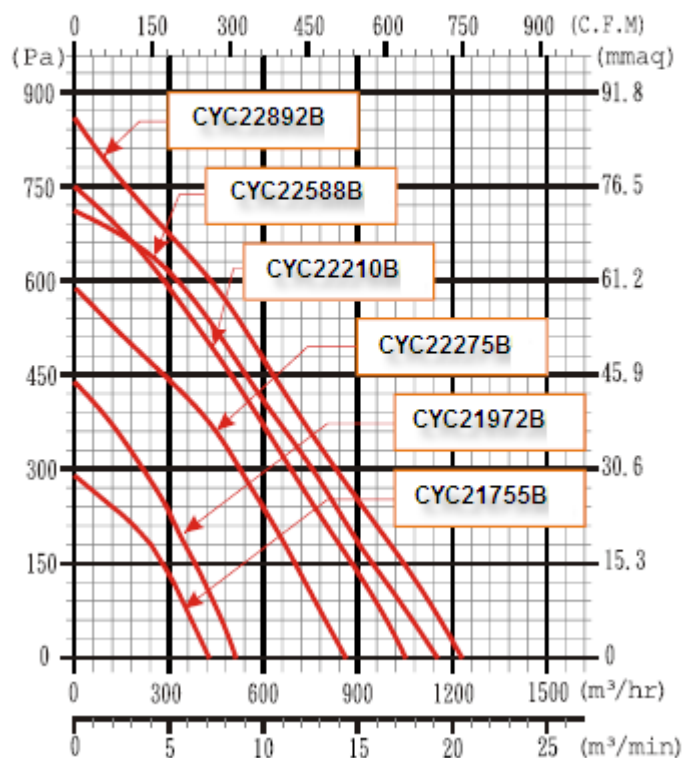


Dimension (units:mm)

50Hz-2Pole



60Hz-2Pole



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (m³/hr)	Noise (dB)
CYC21755B	220	50/60	0.27/0.31	60/70	2550/2650	410/430	56/58
CYC21972B	220	50/60	0.32/0.4	73/86	2410/2385	570/555	61/63
CYC22210B	220	50/60	0.65/0.92	140/200	2620/2870	980/1050	71/75
CYC22275B	220	50/60	0.39/0.52	85/115	2650/2925	830/870	70/72
CYC22588B	220	50/60	0.92/1.15	195/250	2200/2355	1100/1150	75/76
CYC22892B	220	50/60	1.08/1.4	234/307	2310/2370	1200/1230	73/75



Backward Curved Centrifugal Fan 220V 4 Pole Performance



Impeller: Steel

Ambient Temperature Range: -20°C ~ +70°C

Insulation: F class

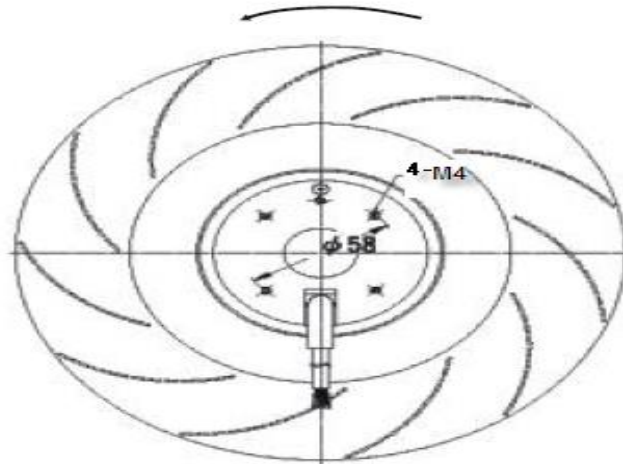
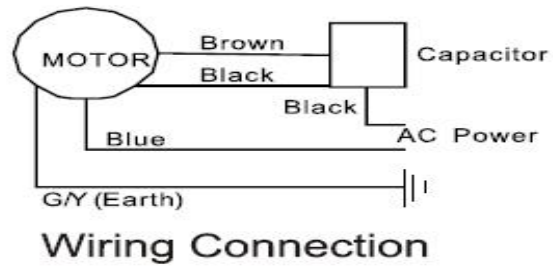
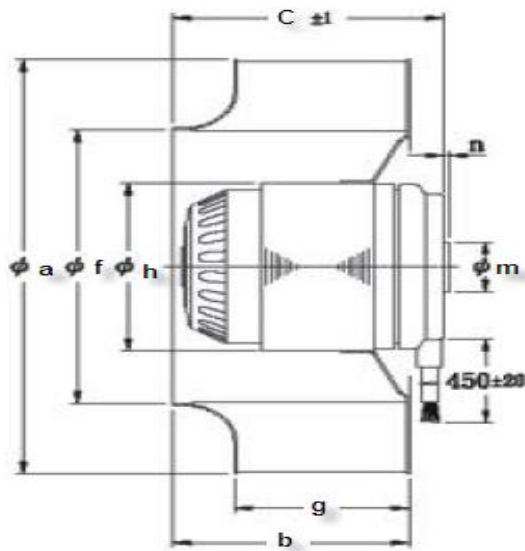
Bearing: Ball

Motor Structure: Outer rotor Motor

Motor protection: Thermal Protected

Termination: Lead wire 450± 20mm

Dimension (units:mm)



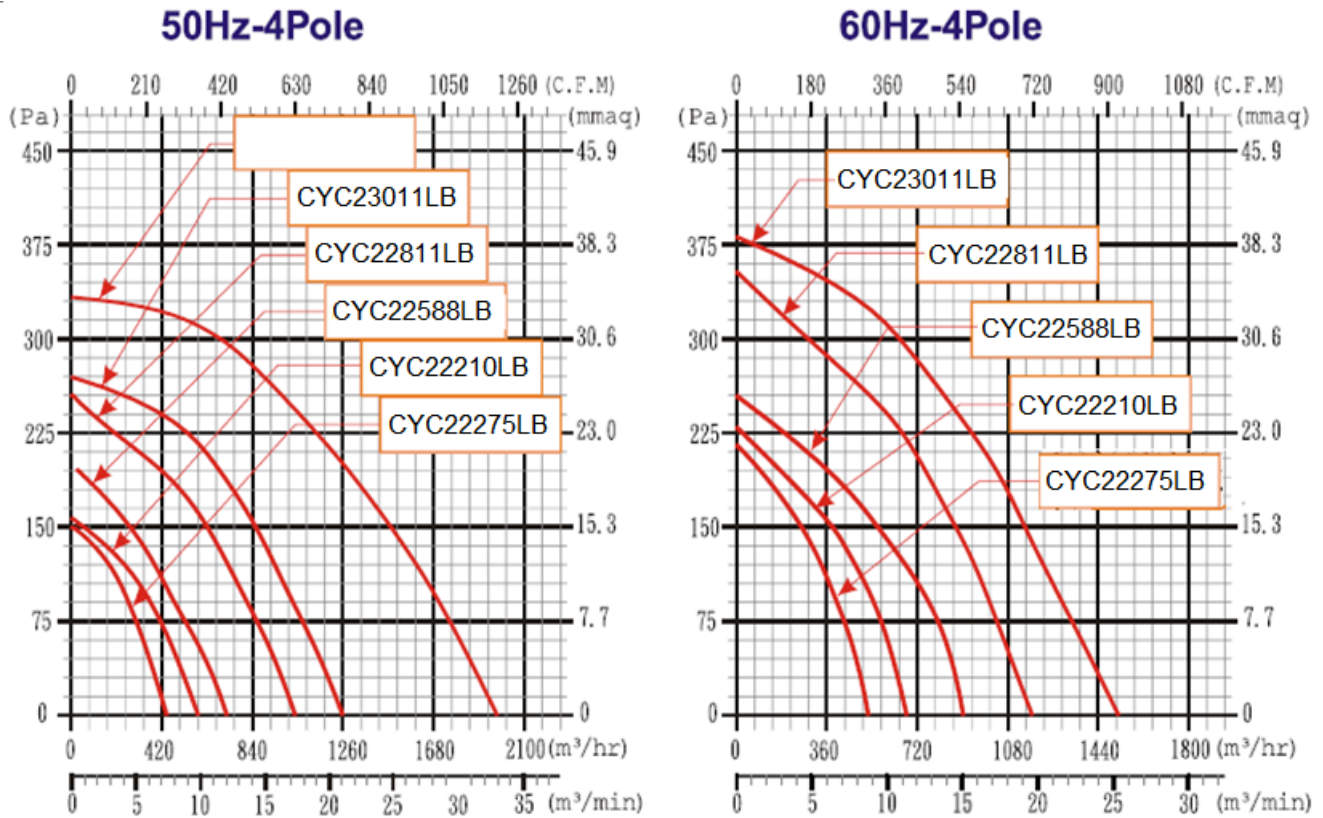
Model	a	b	c	f	g	h	m	n
CYC22210LB	225	88	100	153	65	92	27	2
CYC22275LB	225	65	75	153	42	92	27	2
CYC22588LB	250	76	88	187	52	92	27	2
CYC22811LB	280	106	114	210	78	92	27	2
CYC23011LB	305	92	110.5	206	57	92	27	2



Backward Curved Centrifugal Fan 220V 4 Pole Performance



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (m³/hr)	Noise (dB)
CYC22210LB	220	50/60	0.25/0.26	50/55	1440/1650	590/670	55/59
CYC22275LB	220	50/60	0.14/0.19	30/40	1440/1700	440/550	54/58
CYC22588LB	220	50/60	0.3/0.33	60/70	1385/1600	720/890	61/64
CYC22811LB	220	50/60	0.67/0.7	130/145	1390/1645	1040/1170	62/67
CYC23011LB	220	50/60	0.67	125/150	1395/1645	1260/1520	67/70



Ø133x80 mm
(Ø5.23x3.14 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

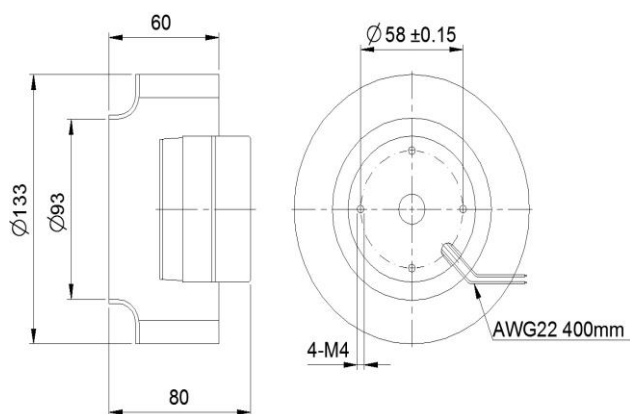
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

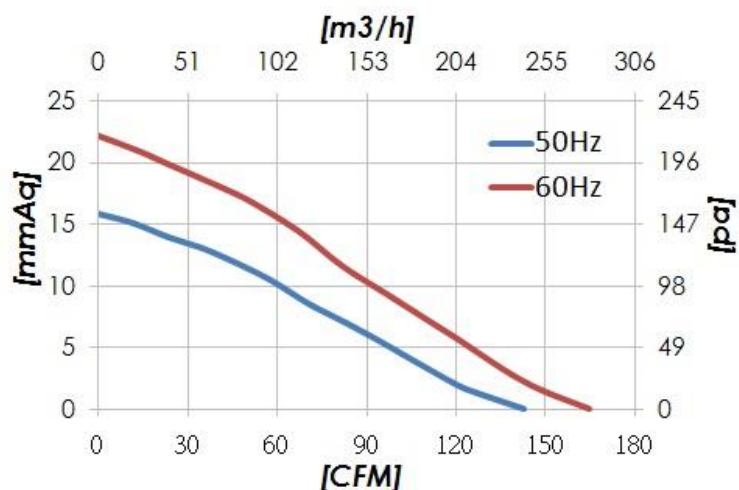
Termination: Lead wire

Weight: 800g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC11380SB	115	50/60	0.26/0.24	26/28	2800/3200	145/165	15/21	62/65	✓
CYC21380SB	230	50/60	0.1/0.12	23/27	2800/3200	145/165	15/21	62/65	✓



ø170x65 mm
(ø6.69x2.55 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

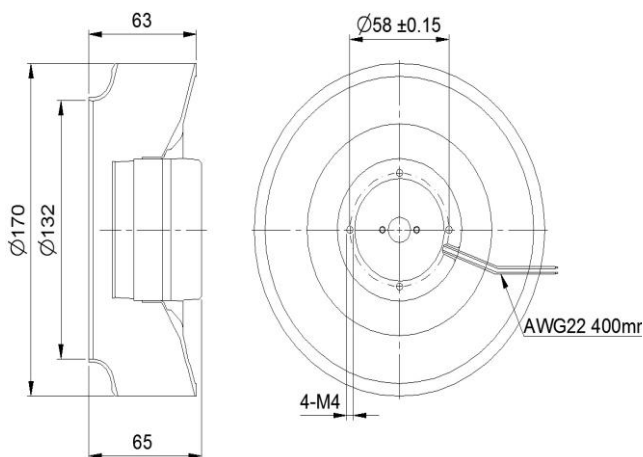
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

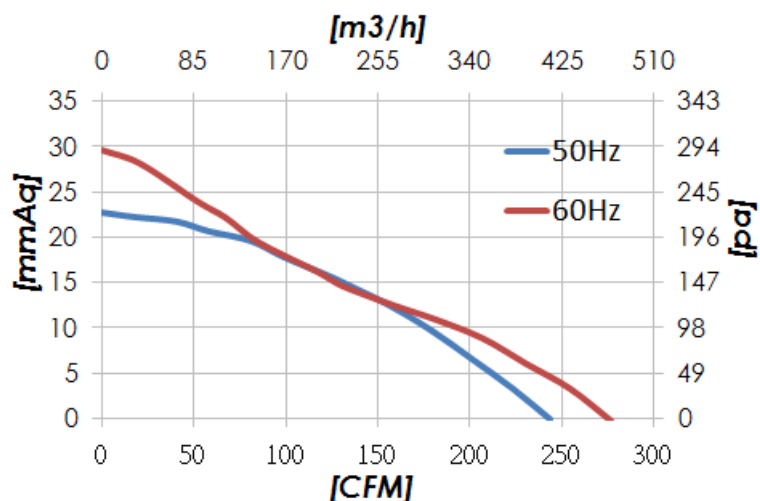
Termination: Lead wire

Weight: 900g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC11765HB	115	50/60	0.26/0.27	27/31	2750/3100	243/276	23/30	67/69	✓
CYC21765HB	230	50/60	0.1/0.13	24/30	2750/3100	243/276	23/30	67/69	✓



Ø175x54 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

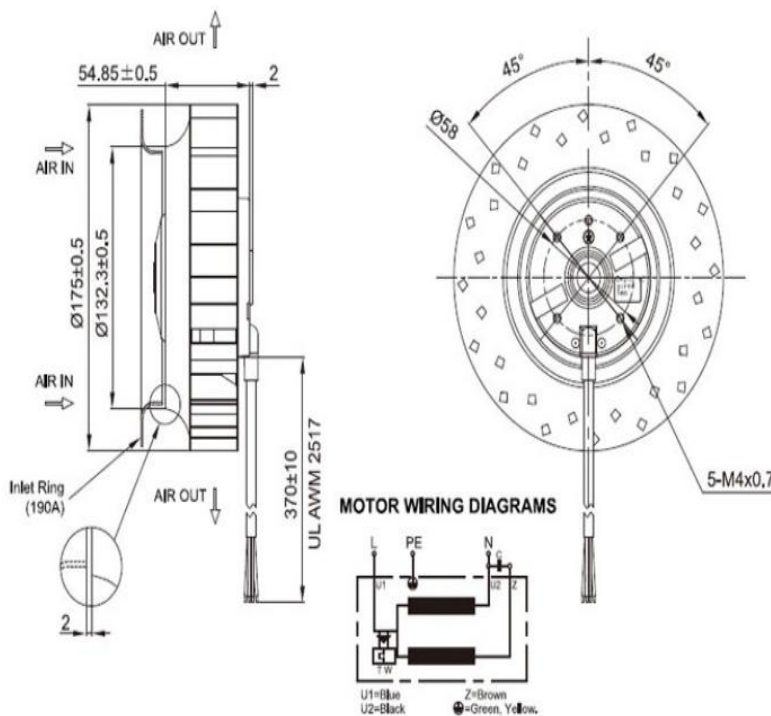
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

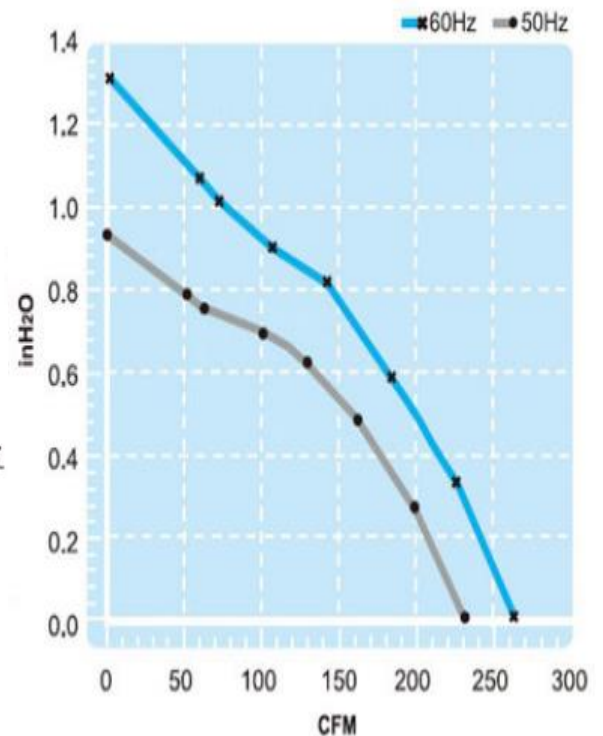
Termination: Lead wire

Package: 1300g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC11754HB	115	50/60	0.48/0.51	60/66	2550/2900	244/274	23/33	66/70
CYC21754HB	230	50/60	0.24/0.26	60/66	2550/2900	244/274	23/33	66/70



ø175x69 mm
(ø6.88x2.71 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

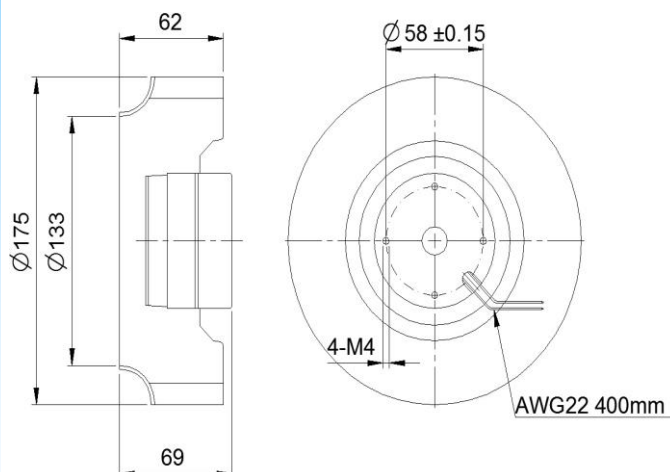
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

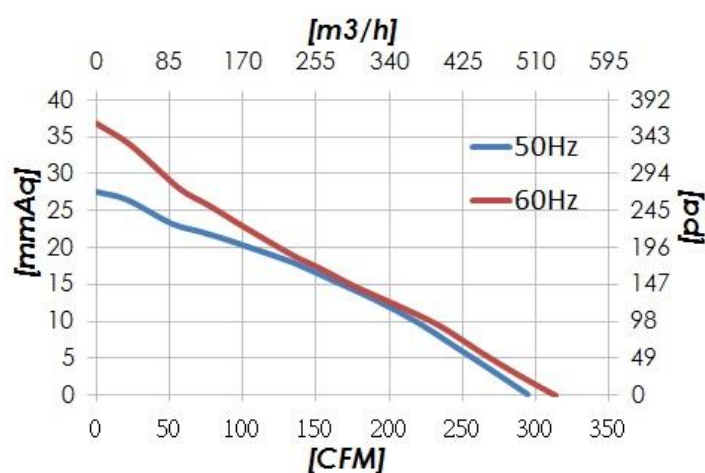
Termination: Lead wire

Weight: 870g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC11769HB	115	50/60	0.48/0.54	53/63	2600/2900	294/313	28/37	66/68	✓
CYC21769HB	230	50/60	0.22/0.28	52/64	2600/2900	294/313	28/37	66/68	✓



ø182x55 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

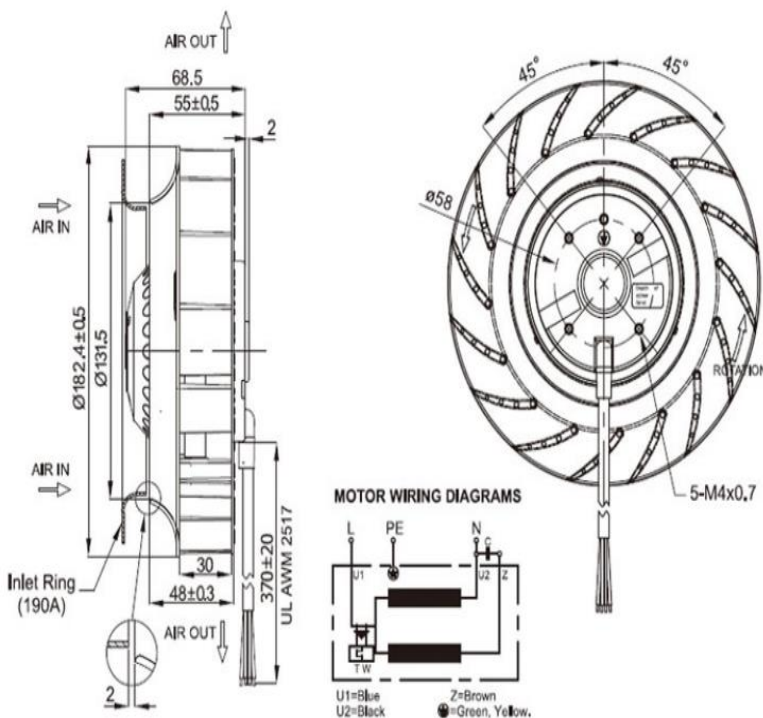
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

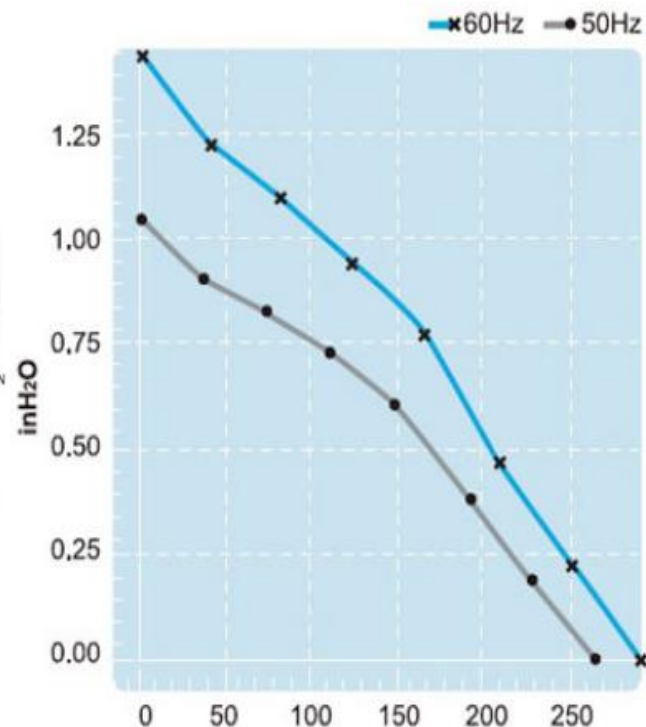
Termination: Lead wire

Package: 1200g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC11855HB	115	50/60	0.6/0.7	63/78	2550/2800	265/290	26/36	64/67
CYC21855HB	230	50/60	0.3/0.34	63/78	2550/2800	265/290	26/36	64/67



ø182x85 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

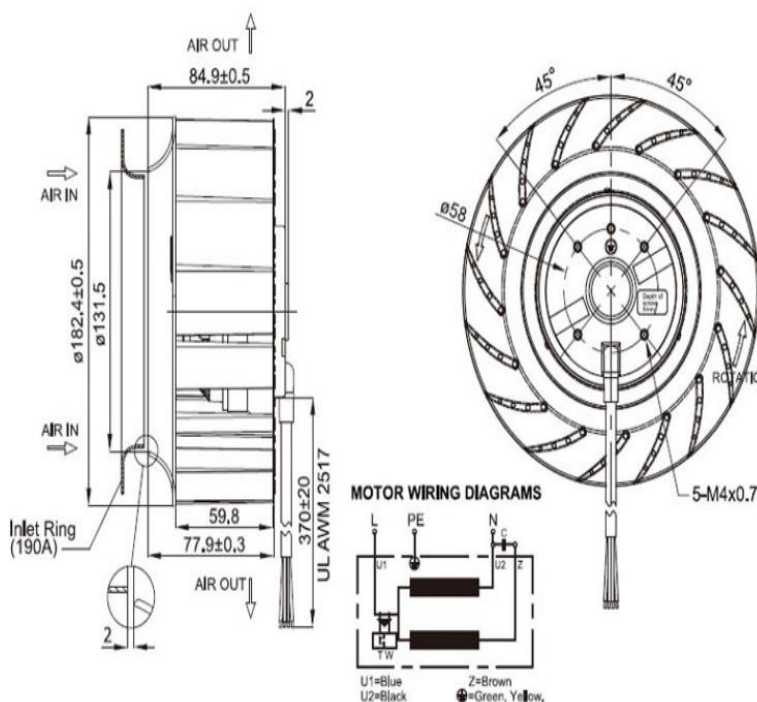
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

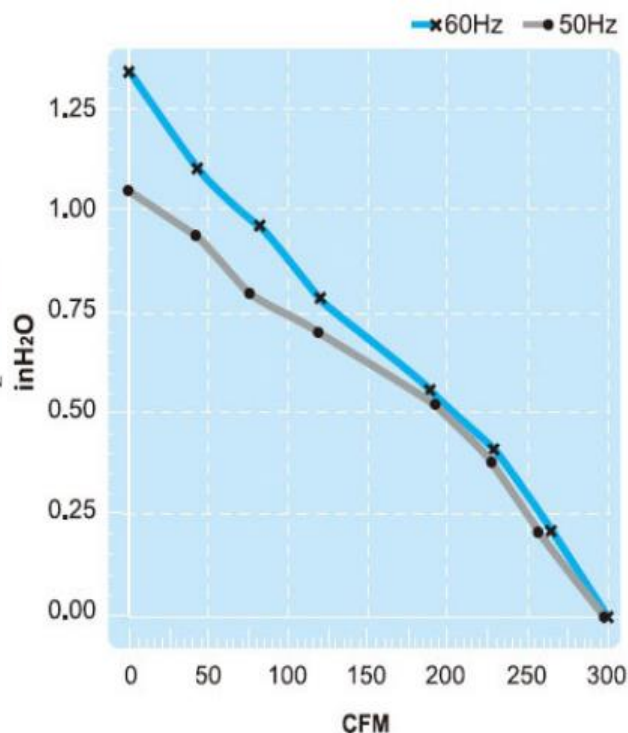
Termination: Lead wire

Package: 1400g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC11885HB	115	50/60	0.62/0.75	70/83	2300/2400	300/300	25/34	63/63
CYC21885HB	230	50/60	0.3/0.35	70/81	2300/2400	300/300	25/34	63/63



ø190x67 mm
(ø7.48x2.63 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

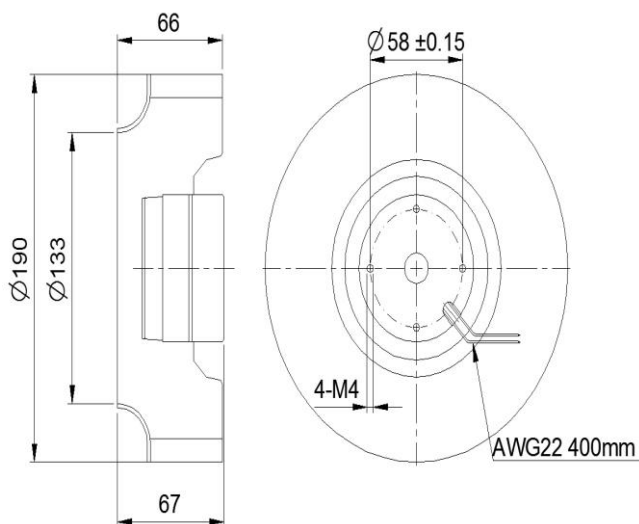
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

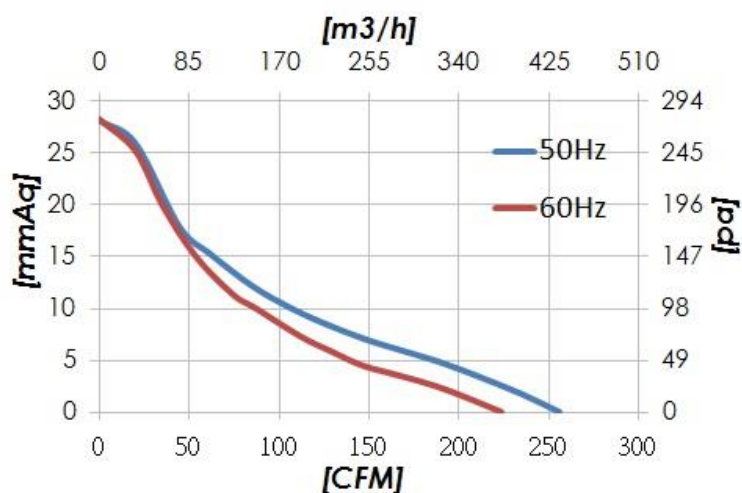
Termination: Lead wire

Weight: 890g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC11967MB	115	50/60	0.39/0.42	45/48	2000/1600	256/224	28/28	61/59	✓
CYC21967MB	230	50/60	0.17/0.19	39/44	2000/1600	256/224	28/28	61/59	✓



ø190x72 mm
(ø7.48x2.83 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

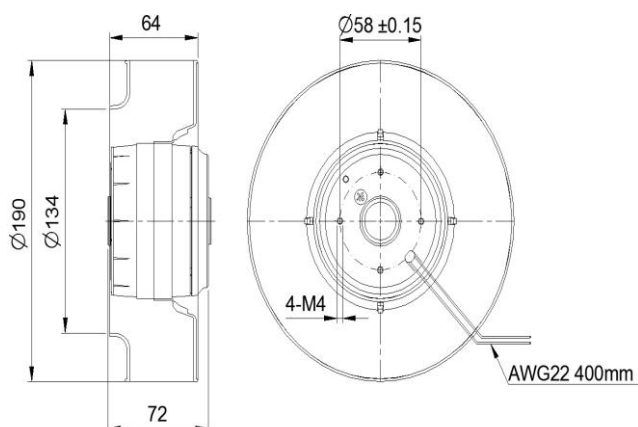
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

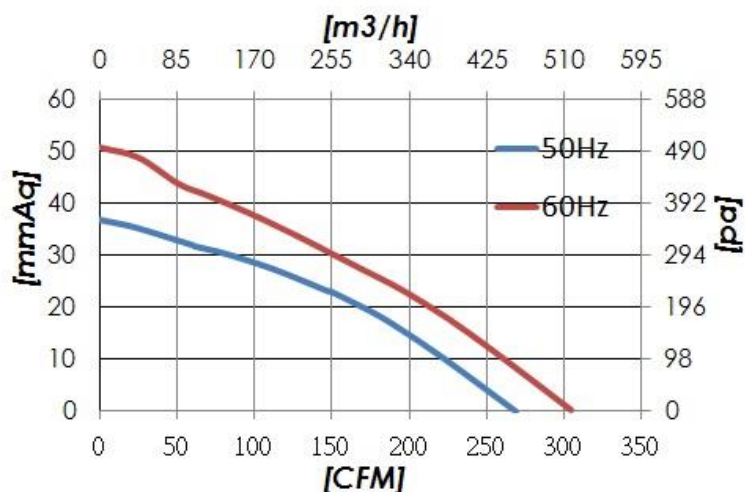
Termination: Lead wire

Weight: 1820g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC11972HB	115	50/60	0.56/0.7	58/80	2700/3100	269/304	37/51	70/73	✓
CYC21972HB	230	50/60	0.26/0.34	58/80	2700/3100	269/304	37/51	70/73	✓



ø190x87 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

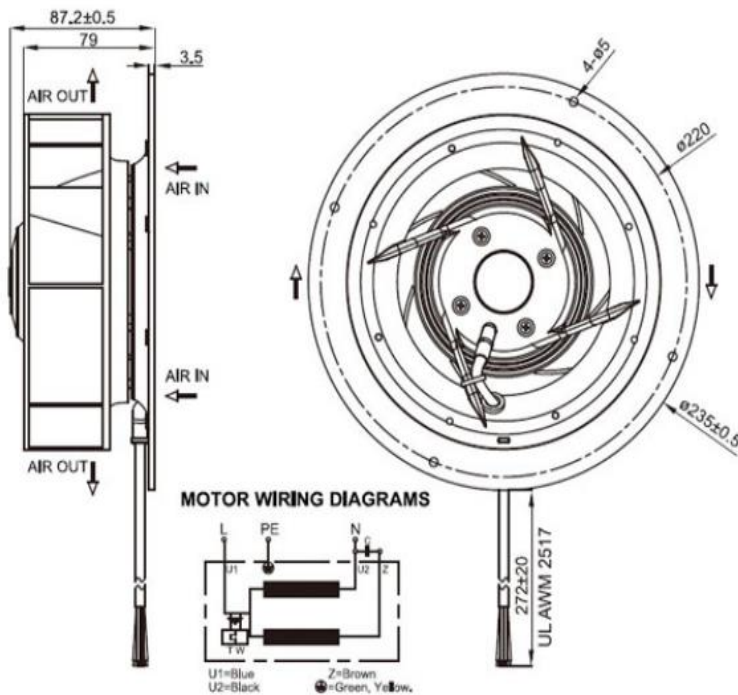
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

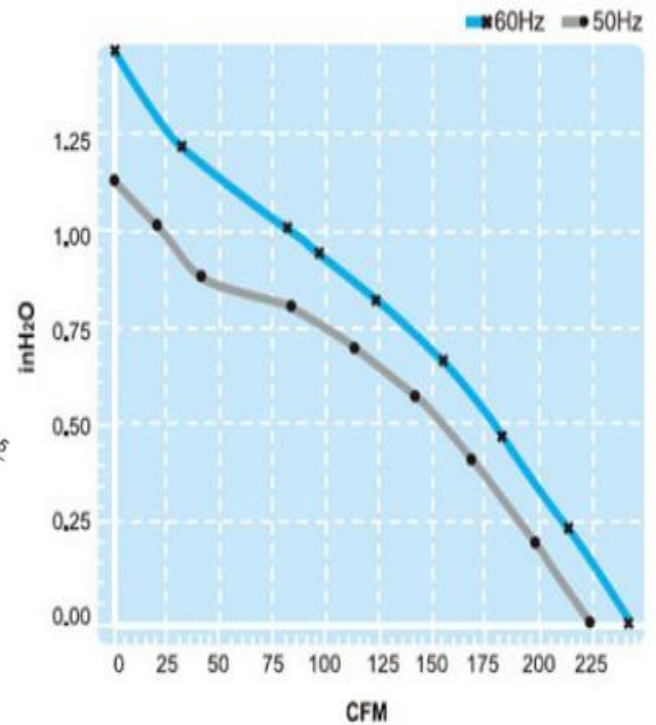
Termination: Lead wire

Package: 1500g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC11987HB	115	50/60	0.45/0.54	55/65	2500/2700	230/247	29/38	60/63
CYC21987HB	230	50/60	0.23/0.3	57/72	2500/2700	230/247	29/38	60/63



ø220x76 mm
(ø8.66x2.99 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

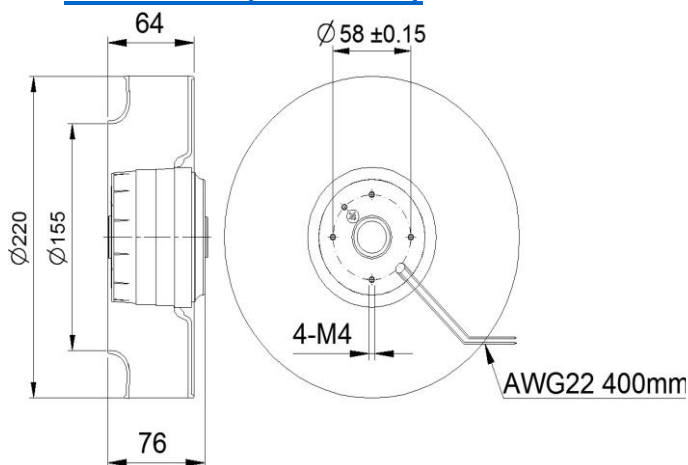
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

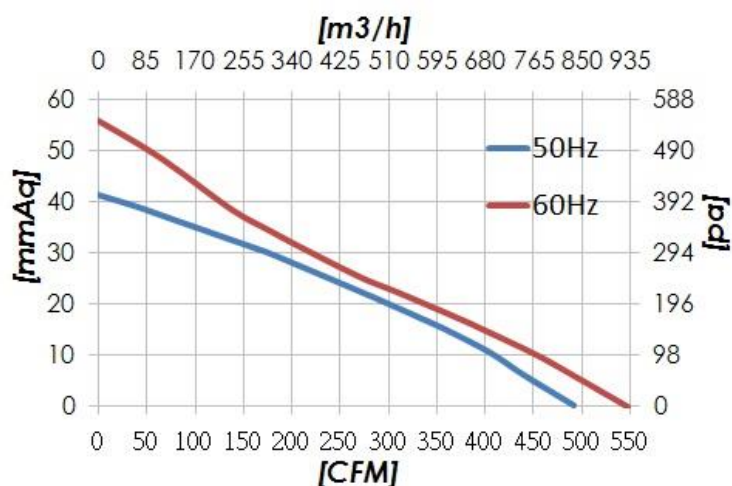
Termination: Lead wire

Weight: 1980g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC12276HB	115	50/60	0.7/1	82/115	2650/2950	490/550	40/55	75/78	✓
CYC22276HB	230	50/60	0.35/0.5	82/115	2650/2950	490/550	40/55	75/78	✓



ø220x84 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

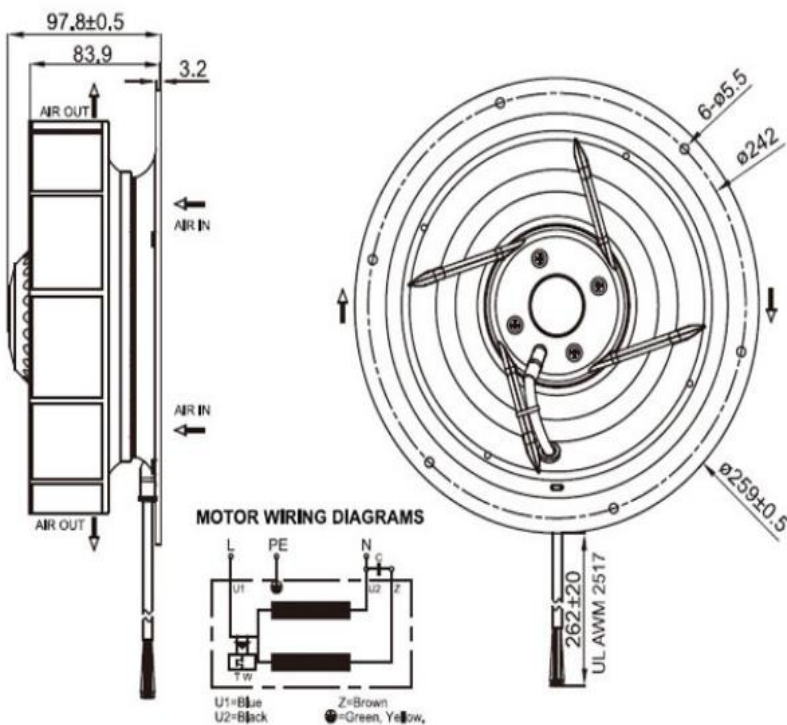
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

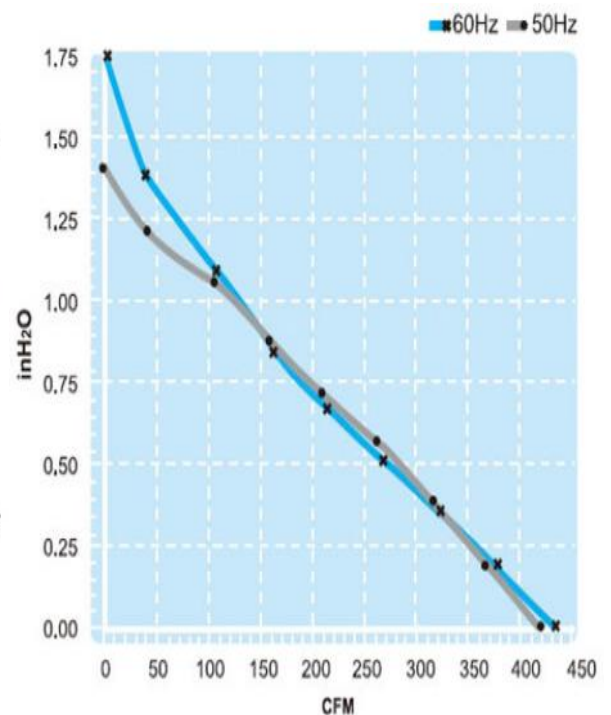
Termination: Lead wire

Package: 1500g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC12284HB	115	50/60	0.63/0.8	90/117	2500/2650	424/434	36/45	64/65
CYC22284HB	230	50/60	0.35/0.39	90/117	2500/2650	424/434	36/45	64/65



ø225x69 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

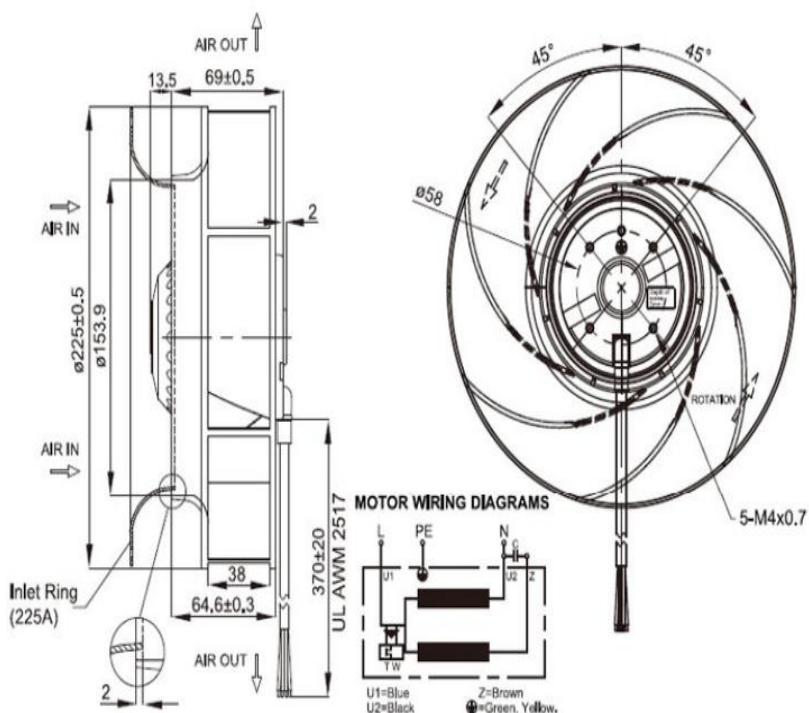
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

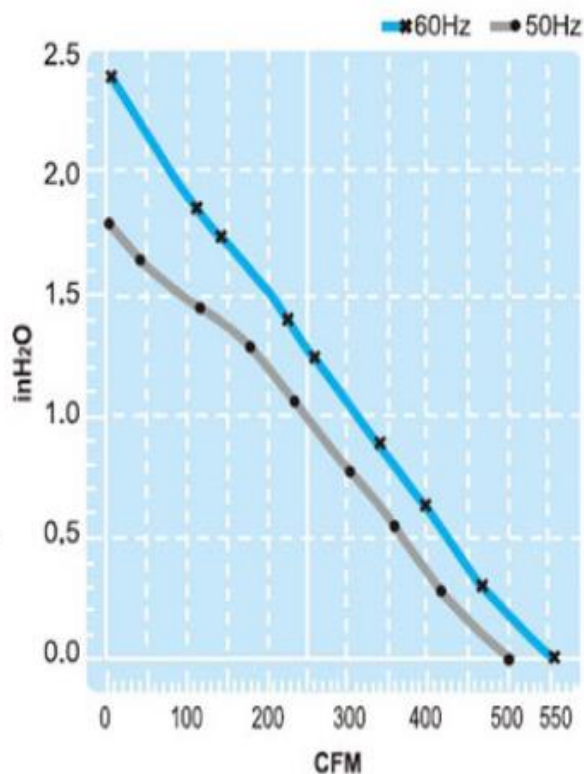
Termination: Lead wire

Package: 2300g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC12269HB	115	50/60	1.11/1.12	105/125	2650/2950	500/550	46/58	70/72
CYC22269HB	230	50/60	0.54/0.56	105/125	2650/2950	500/550	46/58	70/72



ø225x101 mm
(ø8.85x3.97 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

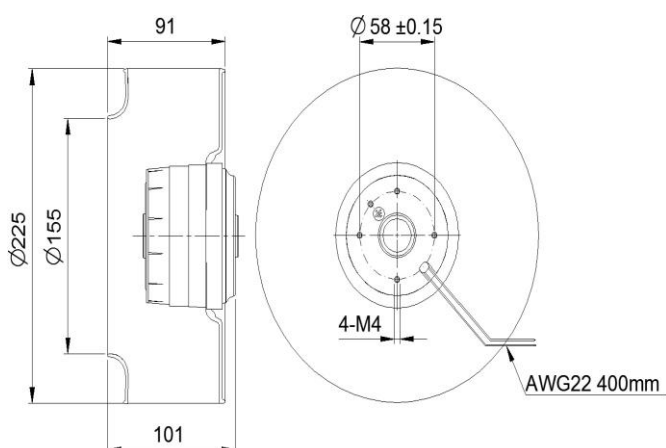
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

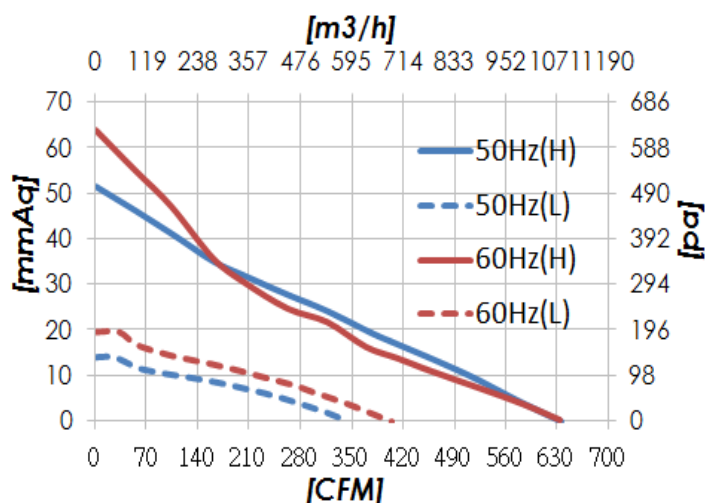
Termination: Lead wire

Weight: 1985g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC12210HB	115	50/60	0.93/1.3	109/145	2500/2500	636/635	52/64	70/72	✓
CYC22210HB	230	50/60	0.49/0.67	109/145	2500/2500	636/635	52/64	70/72	✓
CYC12210LB	115	50/60	0.39/0.39	40/45	1400/1600	347/405	14/20	59/61	✓
CYC22210LB	230	50/60	0.18/0.22	40/50	1400/1600	347/405	14/20	59/61	✓



Ø250x94 mm
(Ø9.84x3.7 in)



Material: Plastic impeller

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing (TÜV & UL approval)

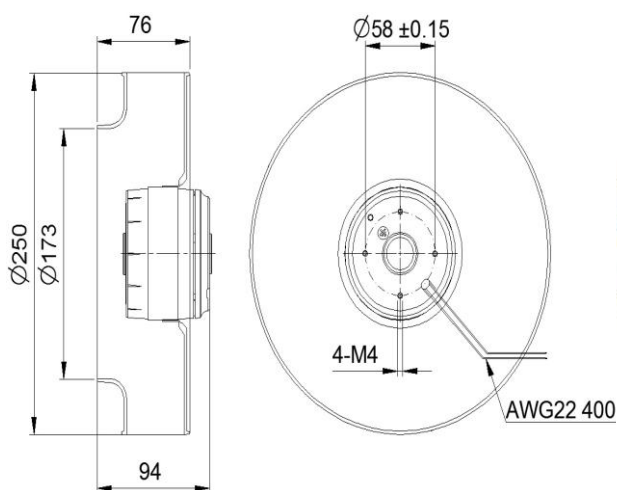
Motor Structure: AC Induction Capacitor Motor

Motor protection: Thermal Protected (Auto Restart)

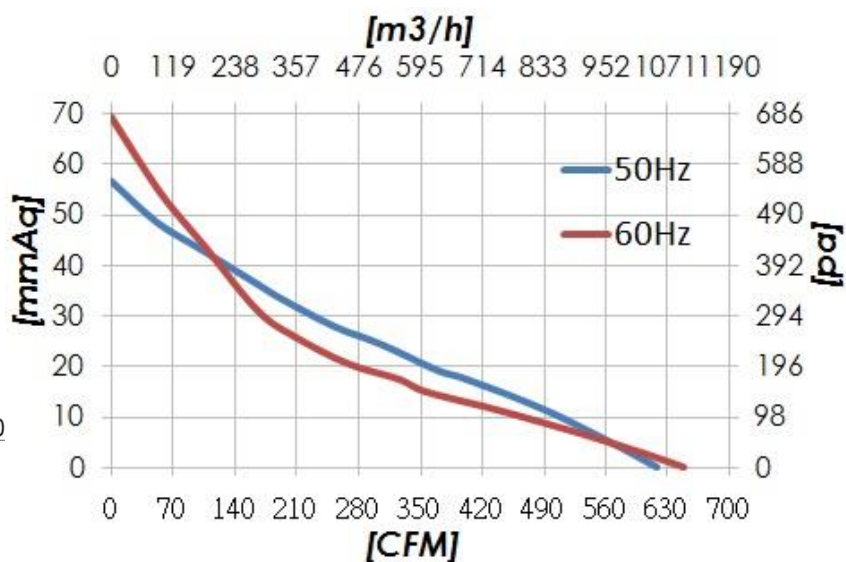
Termination: Lead wire

Weight: 2090g / PC

Dimension (units:mm)



Characteristic Curves

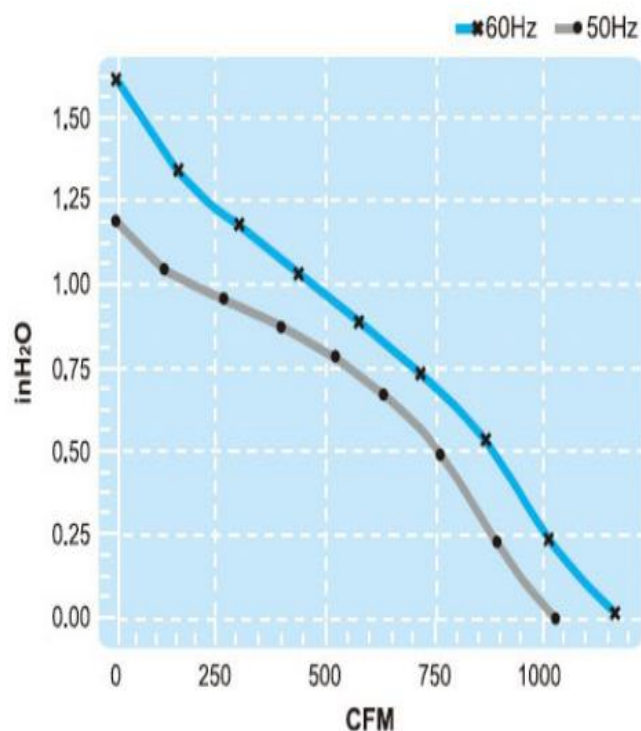


SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
CYC12594HB	115	50/60	0.9/1.23	103/142	2600/2700	619/648	57/69	76/78	✓
CYC22594HB	230	50/60	0.48/0.66	106/148	2600/2700	619/648	57/69	76/78	✓



Package: 3900g / PC



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC13115HB	115	50/60	1.1/1.4	115/155	1390/1580	1015/1165	30.5/40.6	63/66
CYC23115HB	230	50/60	1.43/1.31	115/155	1390/1580	1015/1165	30.5/40.6	63/66



ø360x167 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

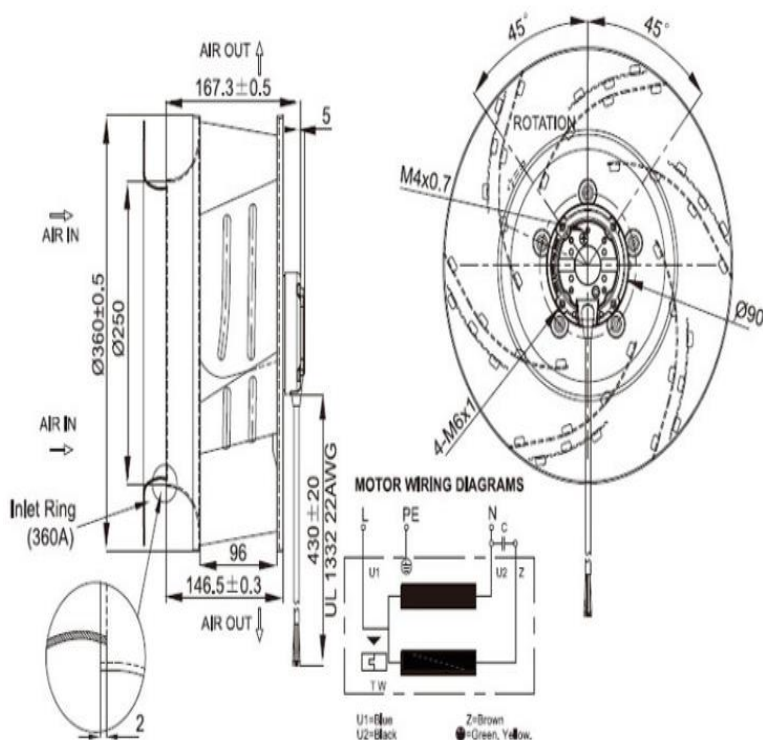
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

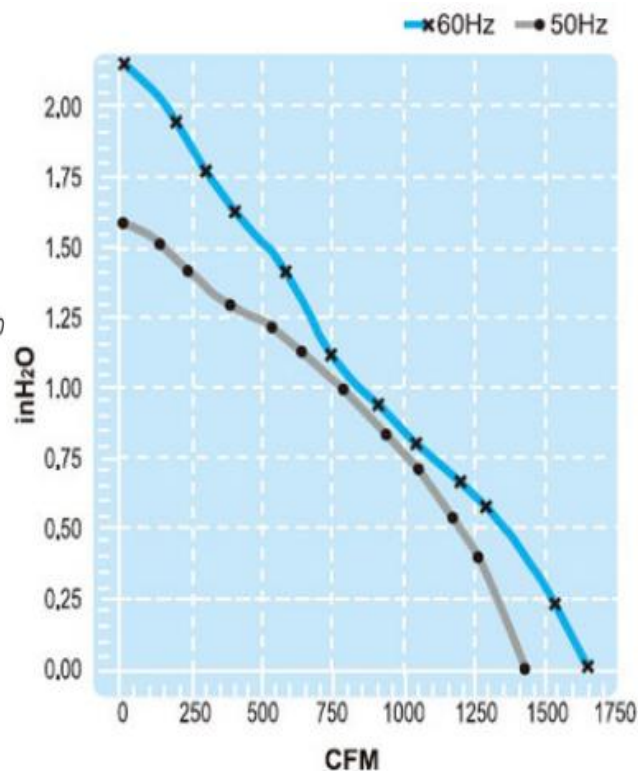
Termination: Lead wire

Package: 5100g / PC

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC13617HB	115	50/60	1.7/2.3	190/270	1400/1600	1430/1645	40/55	66/70
CYC23617HB	230	50/60	0.9/1.2	190/265	1400/1600	1430/1645	40/55	66/70



ø400x162 mm



Impeller: Plastic

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball bearing

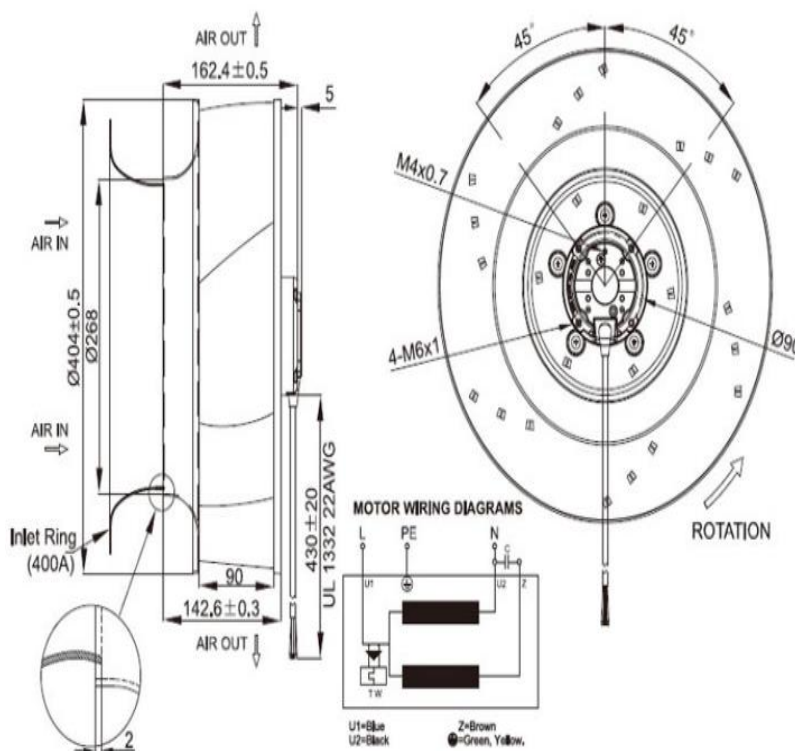
Motor Structure: Shaded Pole Motor or Capacitor induction

Motor protection: Thermal Protected

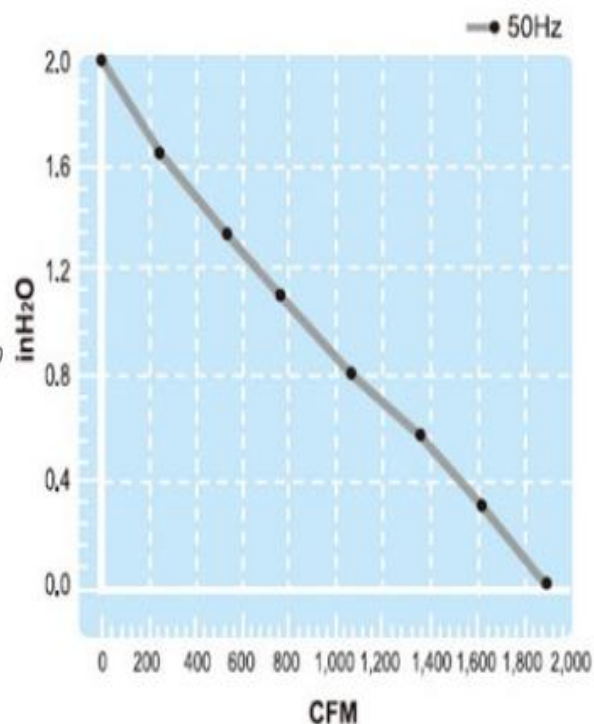
Termination: Lead wire

Package: 5450g / PC

Dimension (units:mm)



Characteristic Curves

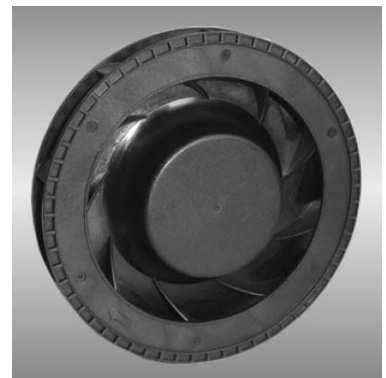


SPECIFICATION

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Pressure (mm Aq)	Noise (dB)
CYC24016HB	230	50	1.26	287	1250	1900	49.7	73



ø105X25 mm



Motor: DC single phase brushless motor

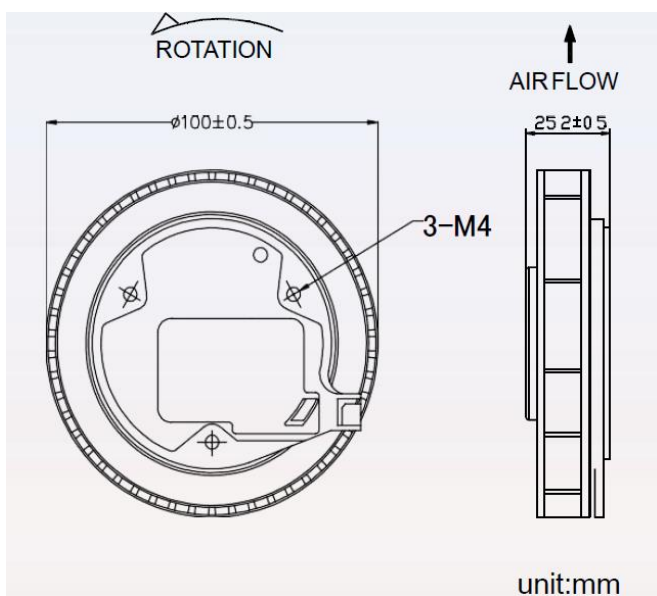
Material/Frame: Die cast aluminum (94V-0);

Impeller: Plastic(94V-0)

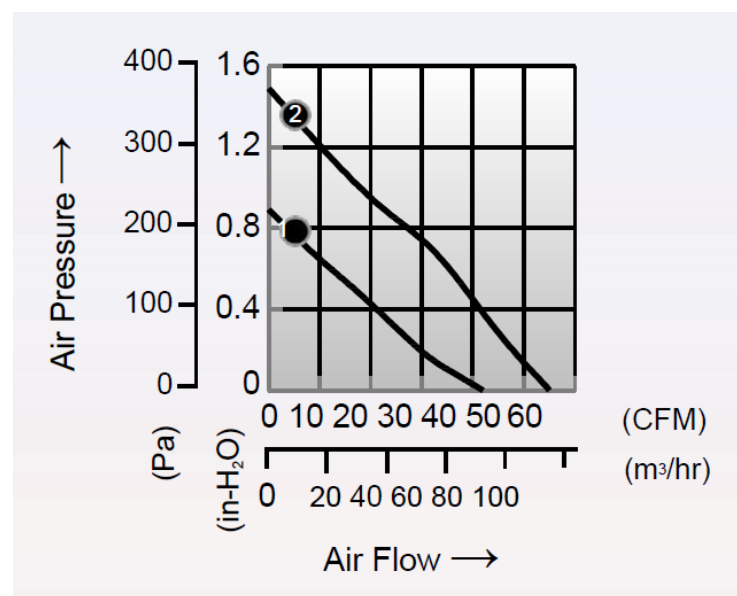
Bearing: Two ball precision bearing

Weight: 0.13kg / PC

Drawing



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H ₂ O)	Noise (dB)
CDC121025HB	12	0.5	4300	42	0.89	53
CDC121025XB	12	0.1	5300	55	1.49	58



ø133X80 mm



Motor: DC brushless Fan motor

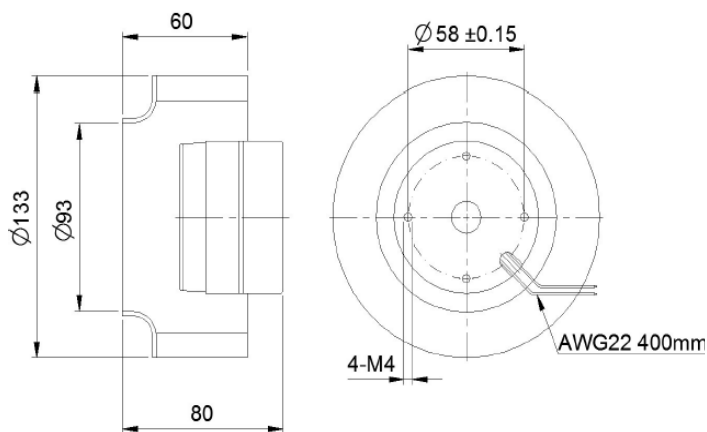
Material/Impeller: Plastic (94V-0)

Bearing: Ball bearing

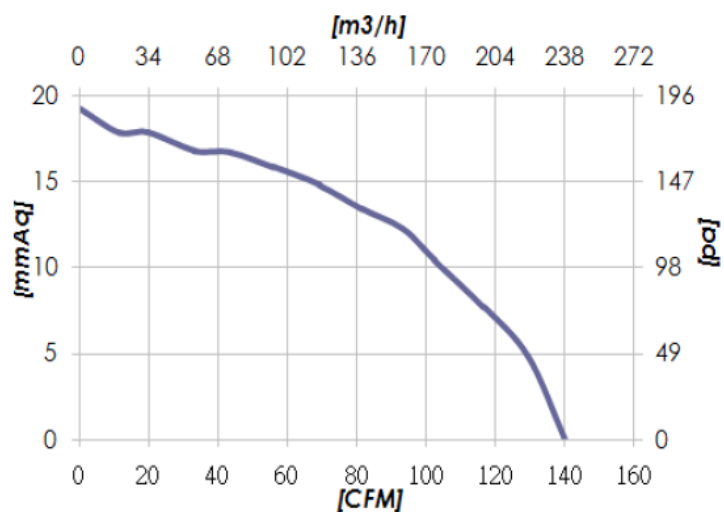
Operating Temp.: -10°C~+60°C

Weight: 700g / PC

Drawing



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H ₂ O)	Noise (dB)
CDC713380HB	24	0.9	3200	140	0.74	62



Ø133X91 mm



Motor: DC single phase brushless motor

Material/Frame: Die cast aluminum (94V-0);

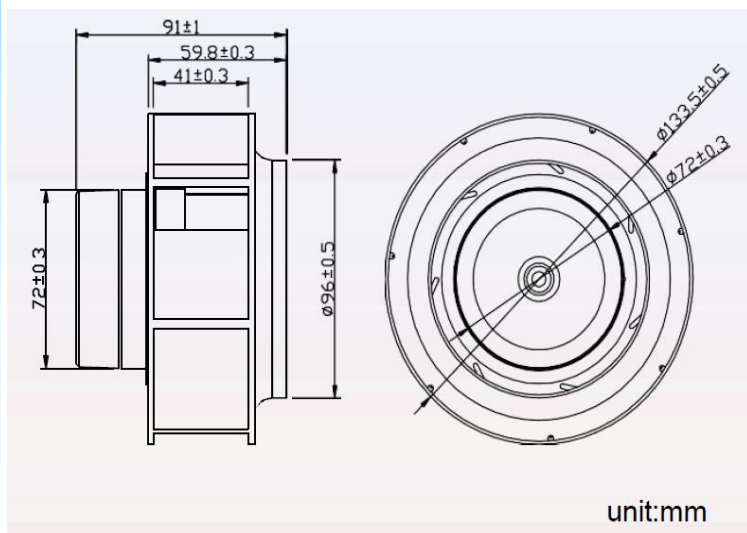
Impeller: Plastic(94V-0)

Bearing: Two ball precision bearing

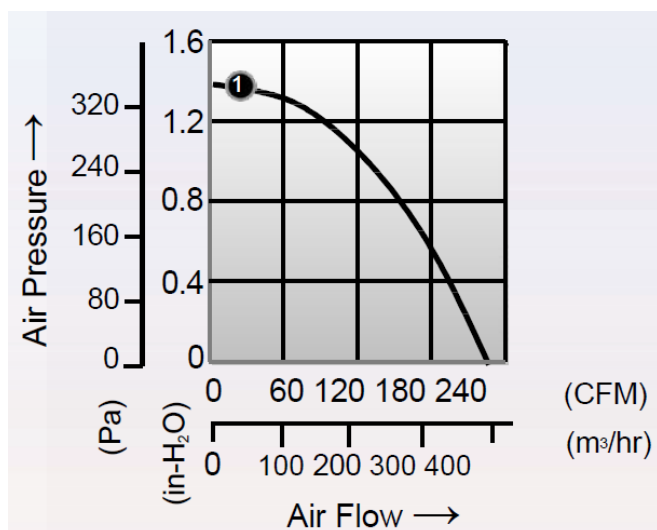
Insulator class: B

Weight: 0.7Kg / PC

Drawing



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H ₂ O)	Noise (dB)
CDC241391XB	24	1.6	4000	224	1.40	65
CDC481391XB	48	0.8	4000	224	1.40	65



ø175X65 mm



Motor: DC brushless Fan motor

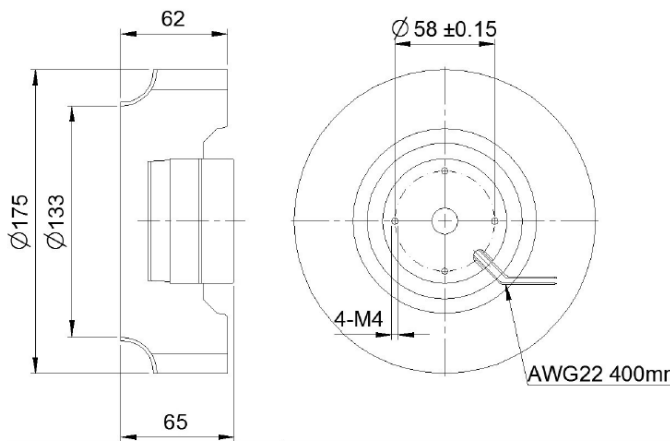
Material/Impeller: Plastic (94V-0)

Bearing: Ball bearing

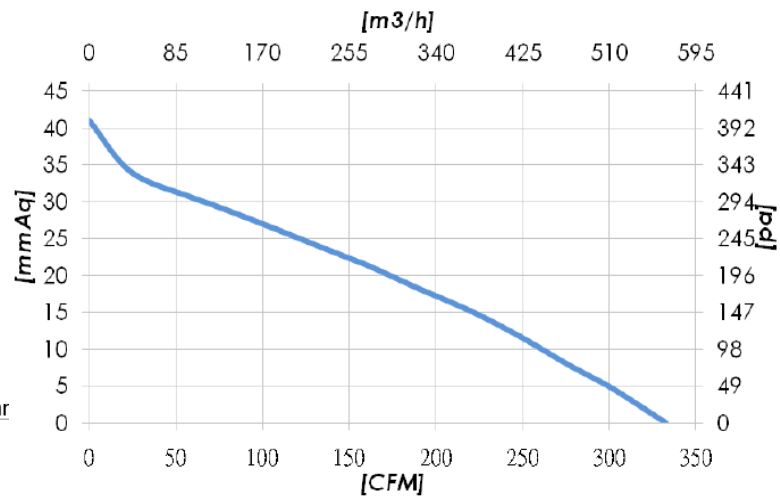
Operating Temp.: -10°C~+60°C

Weight: 880g / PC

Drawing



Characteristic Curves

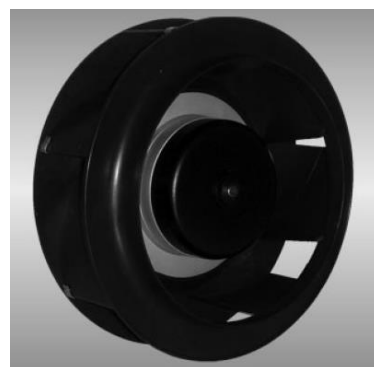


SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H2O)	Noise (dB)
CDC717565HB	24	2.0	2800	332	1.61	76
CDC817565HB	48	1.27	3000	332	1.61	76

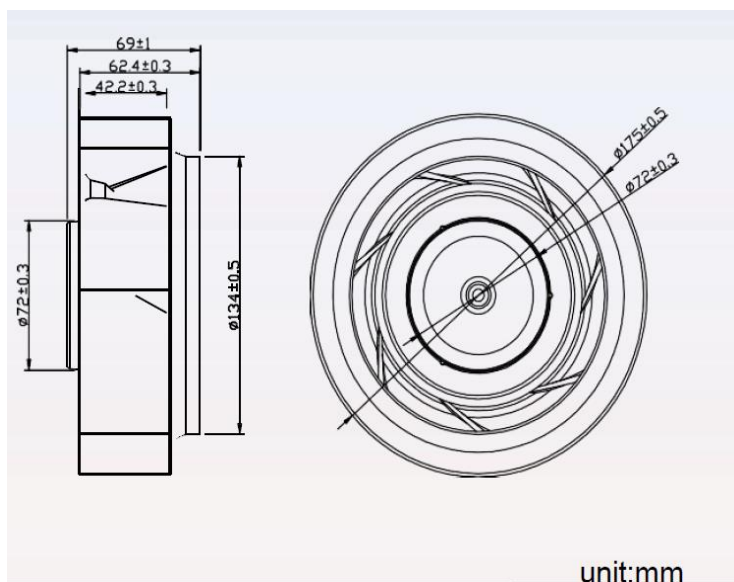


ø175X68.5 mm

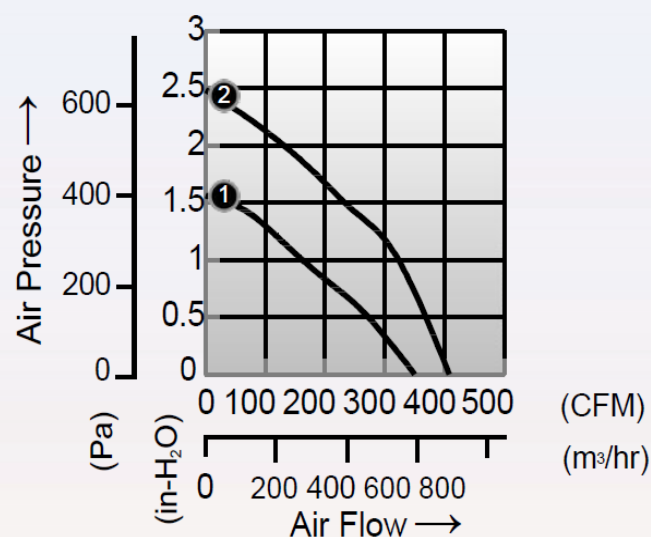


Motor: DC single phase brushless motor
Material / Frame: die cast aluminum (94V-0)
Impeller: Plastic(94V-0)
Bearing: Two ball precision bearing
Insulator class: B
Weight: 0.18Kg / PC

Drawing



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H ₂ O)	Noise (dB)
CDC241768HB	24	1.5	3300	350	1.56	67
CDC481768HB	48	1.2	3300	350	1.56	67
CDC481768XB	48	1.2	4200	408	2.48	72



ø190X69 mm



Motor: DC single phase brushless motor

Material/Frame: Die cast aluminum (94V-0);

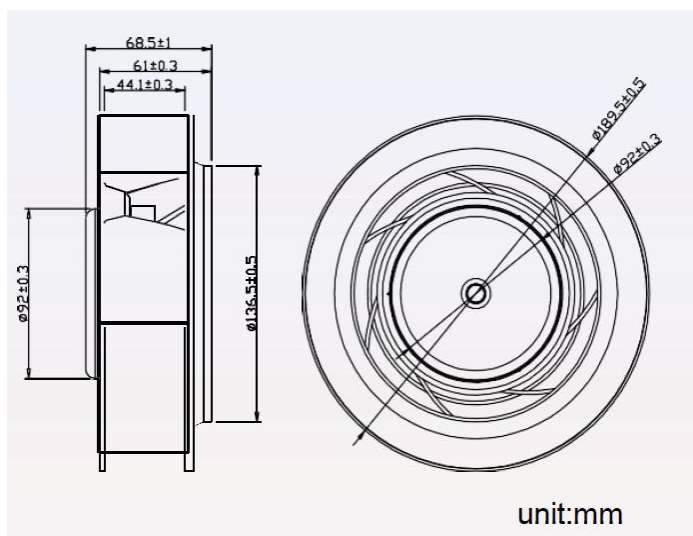
Impeller: Plastic(94V-0) / Steel

Bearing: Two ball precision bearing

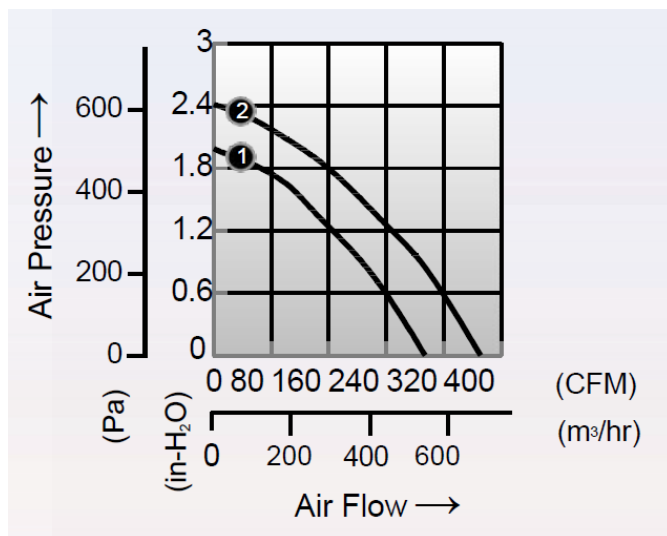
Insulator class: B

Weight: 1.0Kg(CDC),1.3kg(CDCM) / PC

Drawing



Characteristic Curves

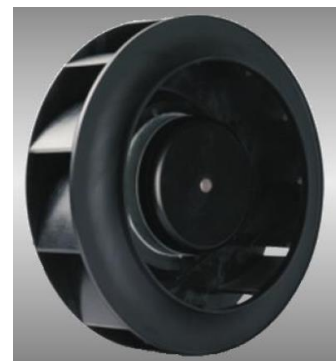


SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H2O)	Noise (dB)
CDC241969XB	24	3.5	3000	371	1.99	68
CDC481969XB	48	1.8	3000	371	1.99	68
CDCM241969XB	24	3.5	3000	294	2.41	73
CDCM481969XB	48	1.8	3000	294	2.41	73

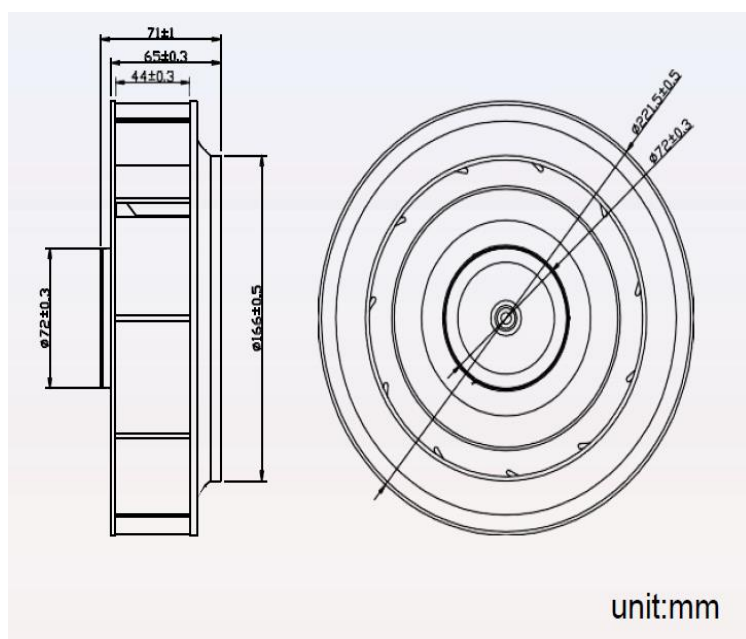


ø220X71 mm

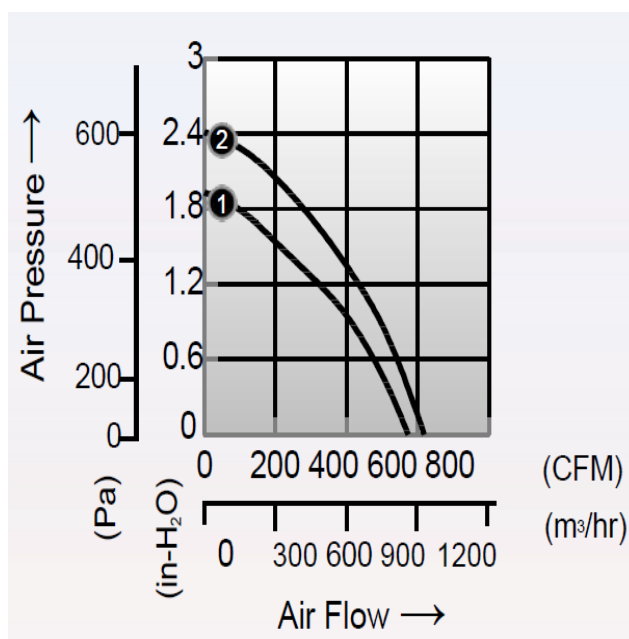


Motor: DC single phase brushless motor
Material/Frame: Die cast aluminum (94V-0);
Impeller: Plastic(94V-0)
Bearing: Two ball precision bearing
Insulator class: B
Weight: 1.1Kg(CDC),1.4kg(CDCM) / PC

Drawing



Characteristic Curves

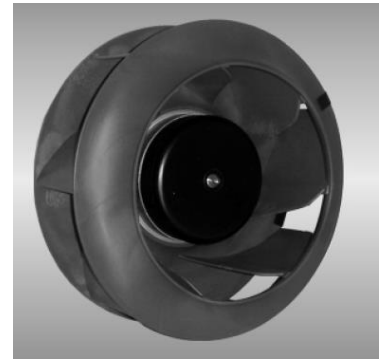


SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H ₂ O)	Noise (dB)
CDC242271MB	24	4.5	2800	573	1.93	65
CDC482271MB	48	2.3	2800	573	1.93	65
CDC242271HB	24	4.5	3150	618	2.41	73
CDC482271HB	48	2.3	3150	618	2.41	73



ø225X99 mm



Motor: DC single phase brushless motor

Material/Frame: Die cast aluminum (94V-0);

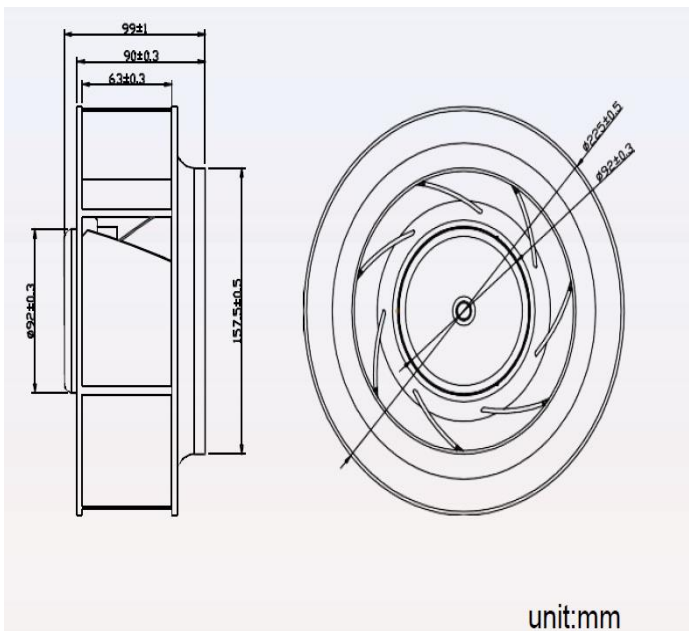
Impeller: Plastic(94V-0)

Bearing: Two ball precision bearing

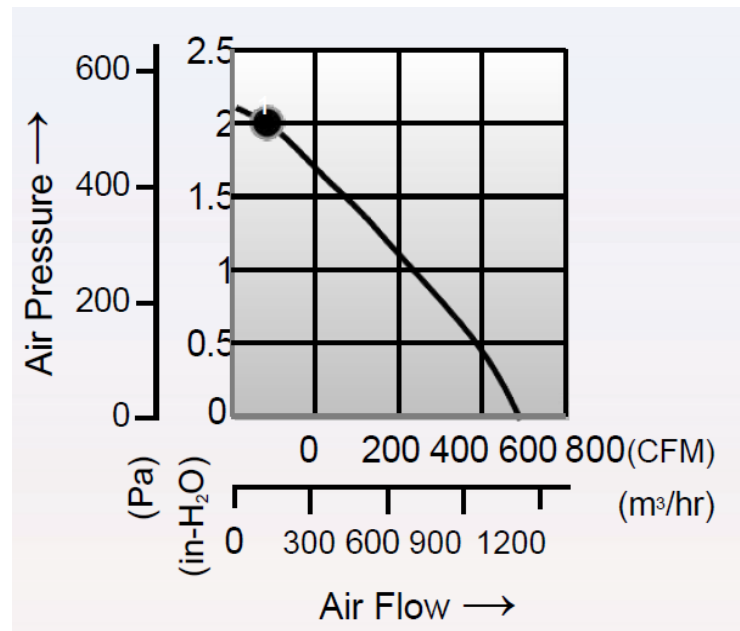
Insulator class: B

Weight: 1.5Kg / PC

Drawing



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H ₂ O)	Noise (dB)
CDC242299MB	24	4.5	2700	683	2.13	76
CDC482299HB	48	2.3	2700	683	2.13	76



Ø250X94 mm



Motor: DC brushless Fan motor

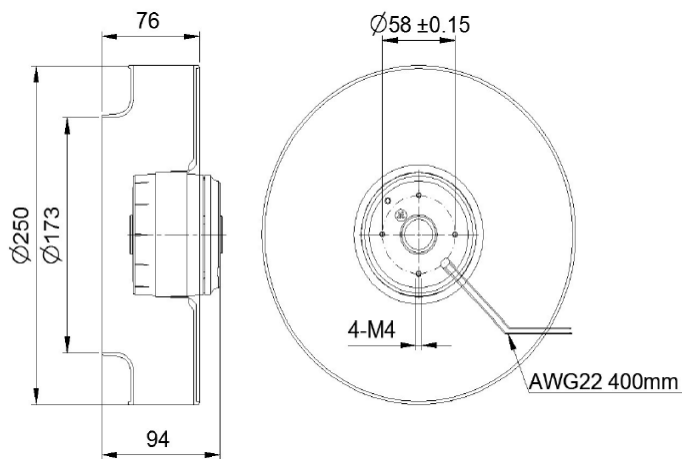
Material/Impeller: Plastic (94V-0)

Bearing: Ball bearing

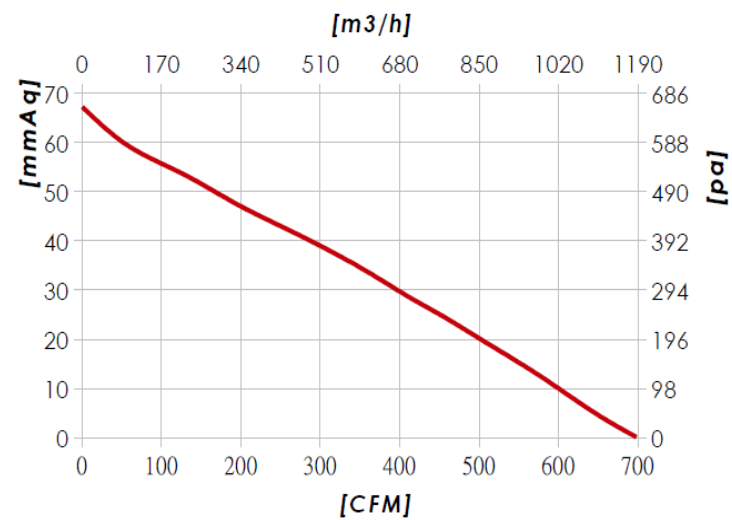
Operating Temp.: -10°C~+60°C

Weight: 1675g / PC

Drawing



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Current (A)	Speed (RPM)	Air Flow (CFM)	Pressure (in-H2O)	Noise (dB)
CDC725094HB	24	5.0	2800	698	2.68	72



ø133x41 mm



Frame: Aluminum

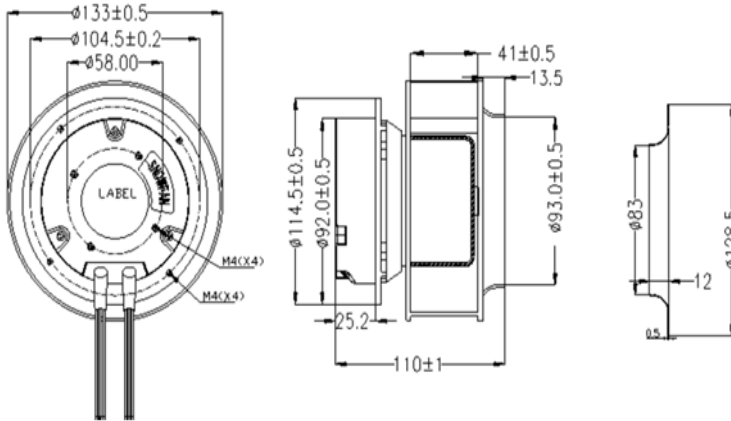
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

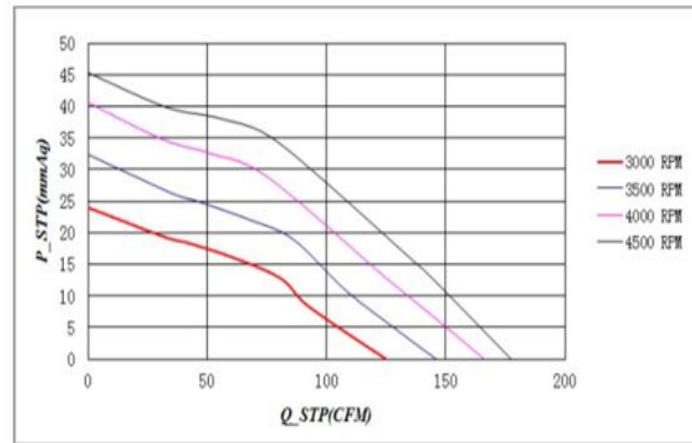
Bearing: Ball

Weight: 800 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC11341HB	110	80-135	50/60	43	4500	177	5	1.78	66
CYEC21341HB	220	180-265							



ø175x62 mm



Frame: Aluminum

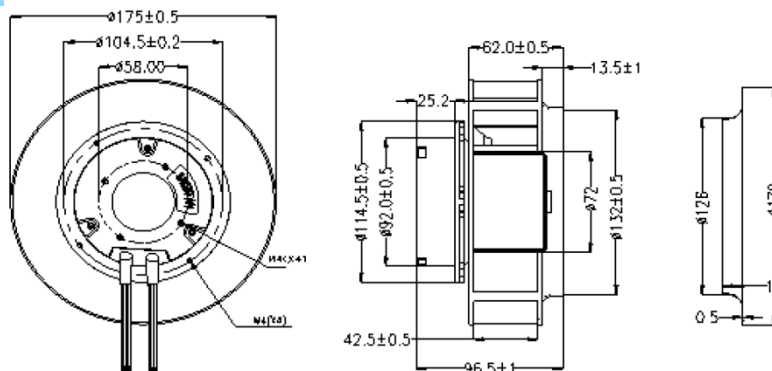
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

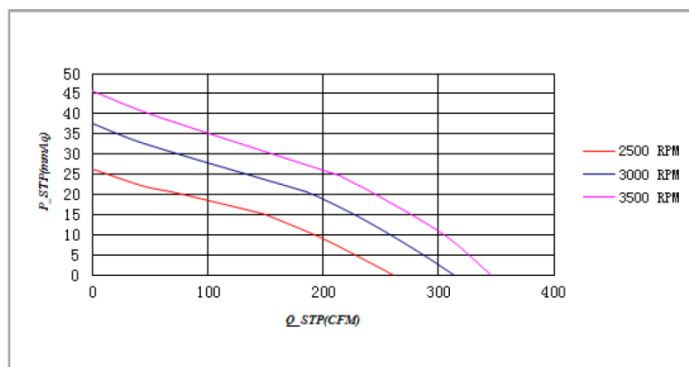
Bearing: Ball

Weight: 1300 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC11762HB	110	80-135	50/60	100	3500	345	9.78	1.8	72
CYEC21762HB	220	180-265							



ø190x95 mm



Frame: Aluminum

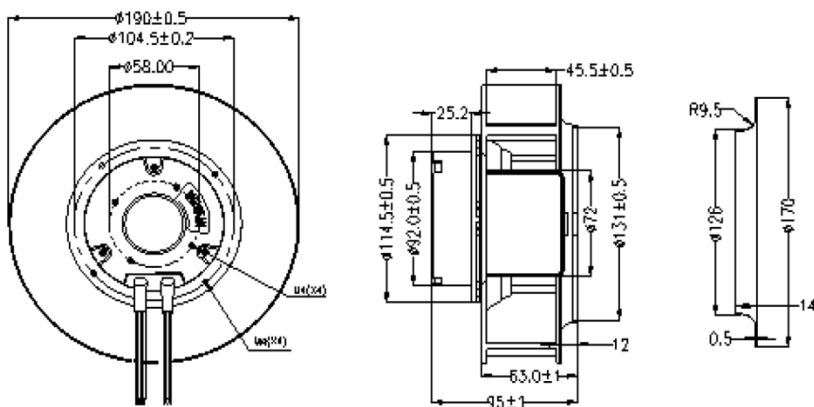
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

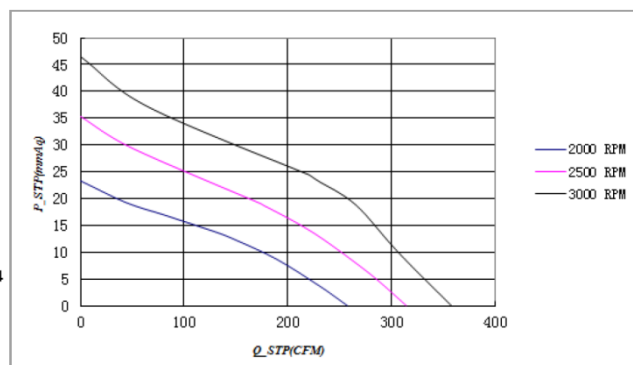
Bearing: Ball

Weight: 1300 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC11995HB	110	80-135	50/60	90	3000	358	10.1	1.83	71
CYEC21995HB	220	180-265							



ø220x97 mm



Frame: Aluminum

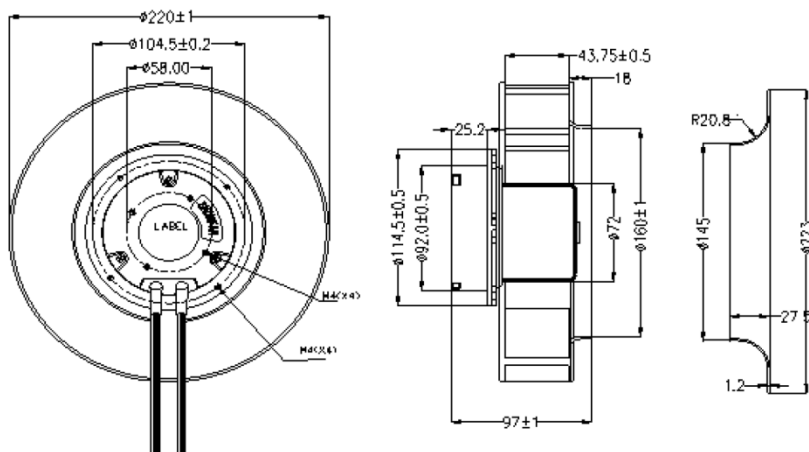
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

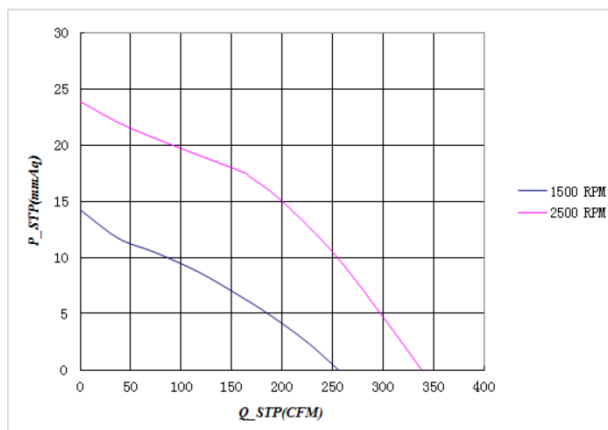
Bearing: Ball

Weight: 1300 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC12297HB	110	80-135	50/60	85	2500	338	9.58	0.94	58
CYEC22297HB	220	180-265							



ø220x107 mm



Frame: Aluminum

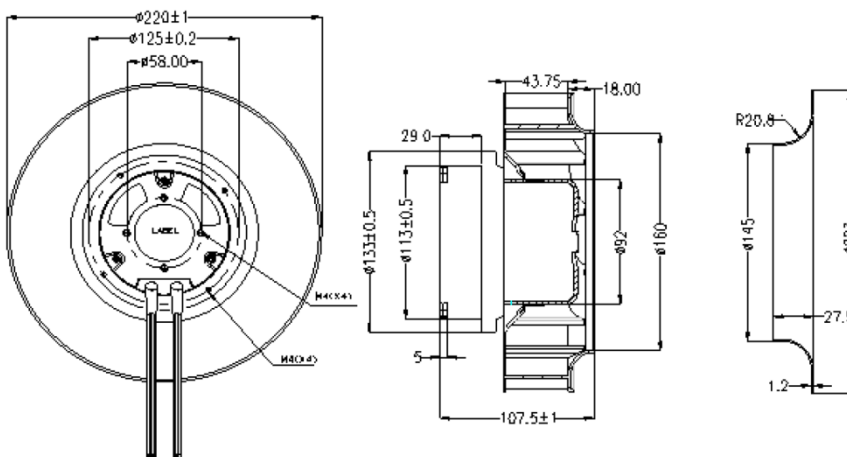
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

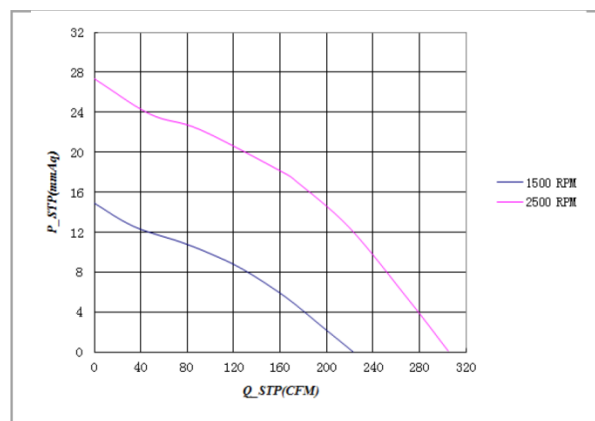
Bearing: Ball

Weight: 1300 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC12210HB	110	80-135	50/60	85	2500	518	8.6	1.08	58.5
CYEC22210HB	220	180-265							



ø225x125 mm



Frame: Aluminum

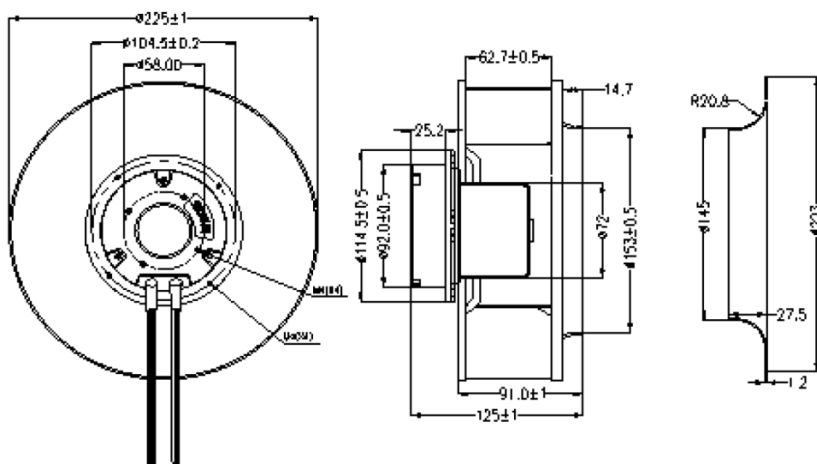
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

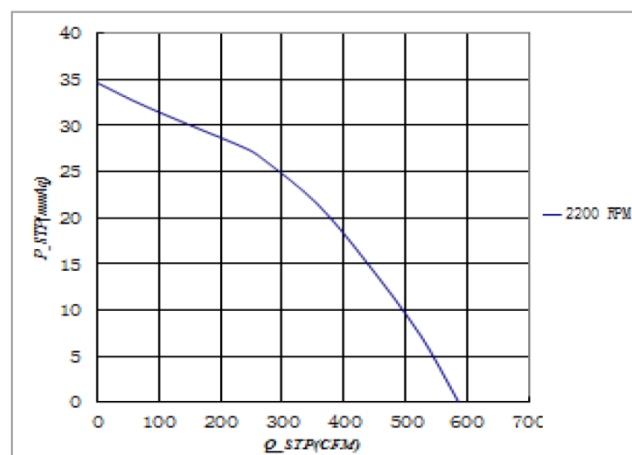
Bearing: Ball

Weight: 1500 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC12212HB	110	80-135	50/60	90	2200	586	16.6	1.36	63
CYEC22212HB	220	180-265							



ø225x130 mm



Frame: Aluminum

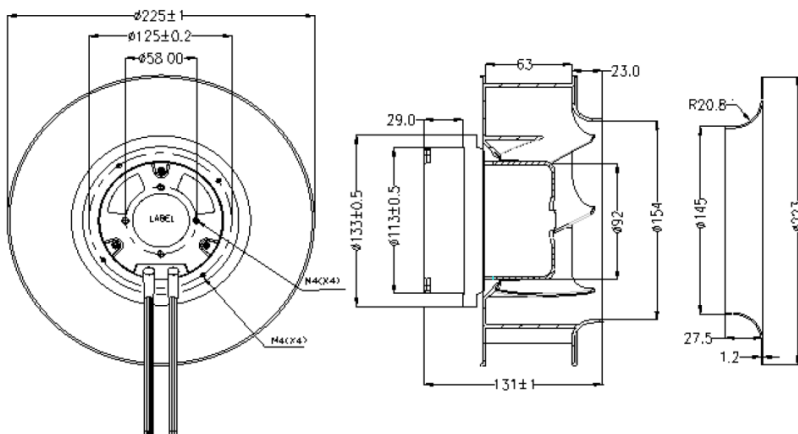
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

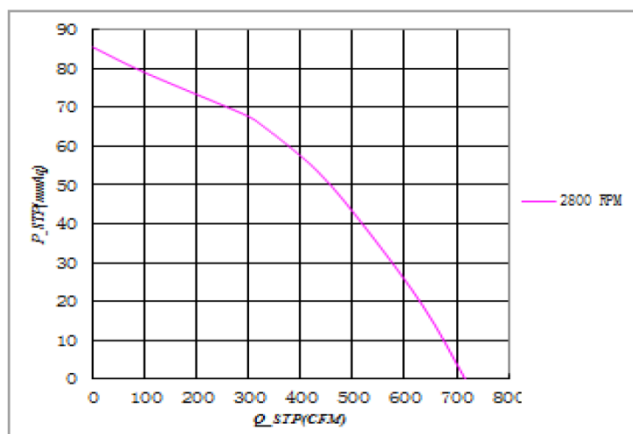
Bearing: Ball

Weight: 1500 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC12213HB	110	80-135	50/60	108	2800	716	20.3	3.37	76
CYEC22213HB	220	180-265							



ø250x130 mm



Frame: Aluminum

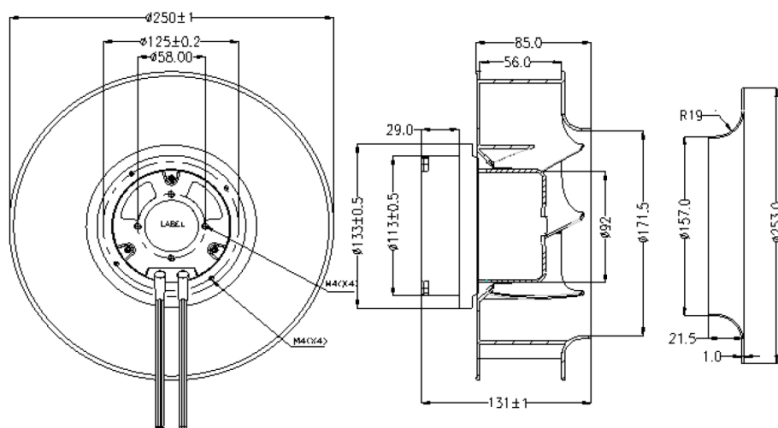
Impeller: plastic (UL 94V-0)

Ambient Temperature Range: -10°C ~ +70°C

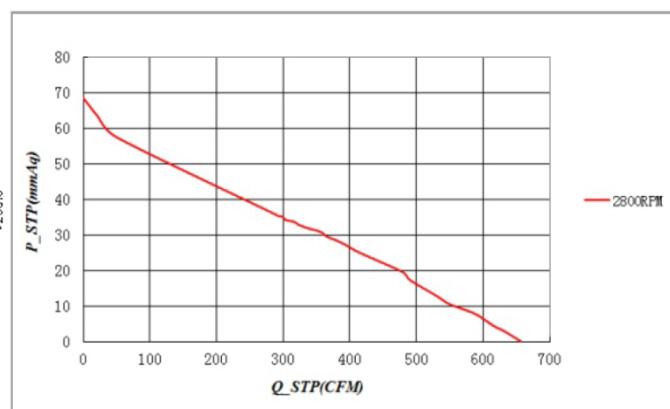
Bearing: Ball

Weight: 2000 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC12513HB	110	80-135	50/60	123	2800	657	18.6	2.7	74
CYEC22513HB	220	180-265							



ø280x130 mm



Frame: Aluminum

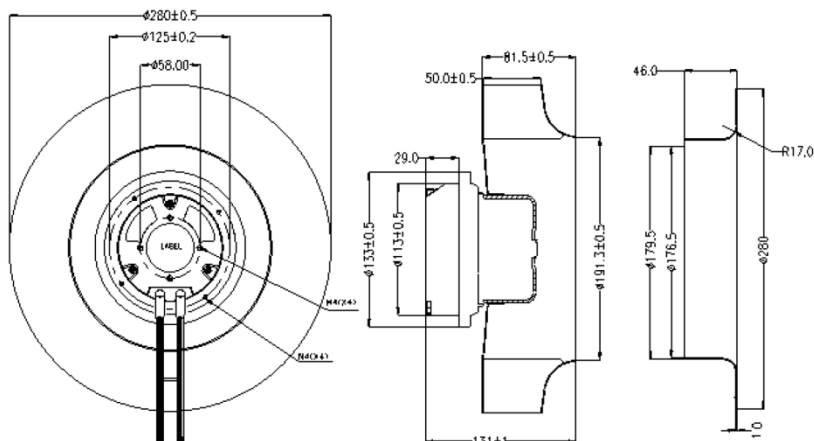
Impeller: SPCC

Ambient Temperature Range: -10°C ~ +70°C

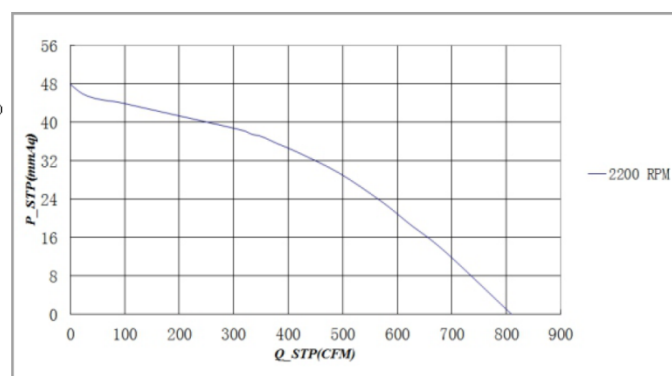
Bearing: Ball

Weight: 2000 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC12813HB	110	80-135	50/60	130	2200	809	22.9	1.89	75
CYEC22813HB	220	180-265							



ø315x180 mm



Frame: Aluminum

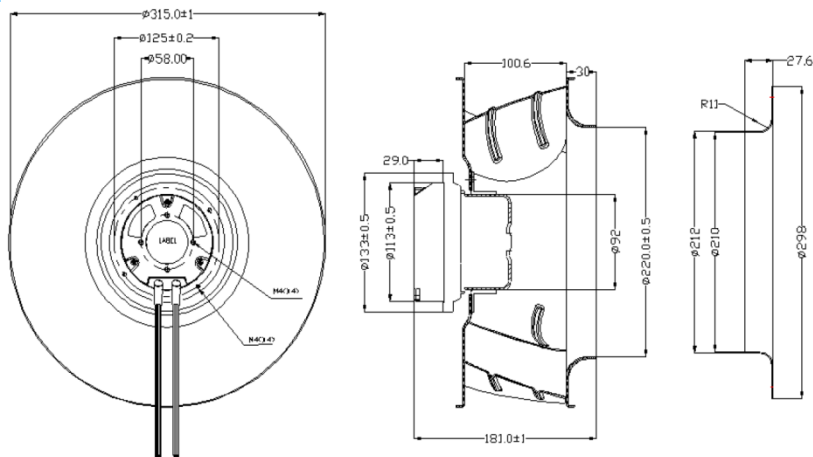
Impeller: SPCC

Ambient Temperature Range: -10°C ~ +70°C

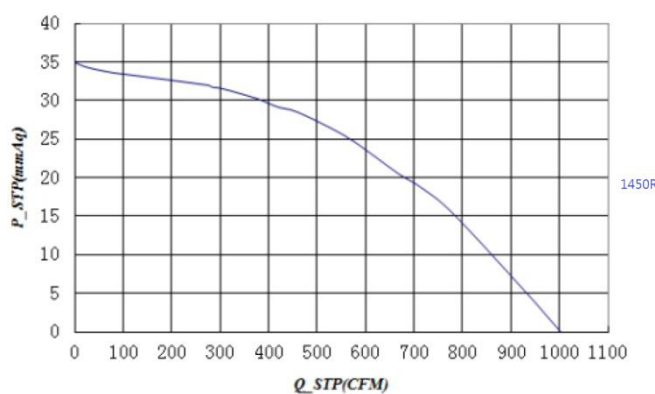
Bearing: Ball

Weight: 2000 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC13118HB	110	80-135	50/60	130	1450	1002	28.3	1.38	64
CYEC23118HB	220	180-265							



ø315x190 mm



Frame: Aluminum

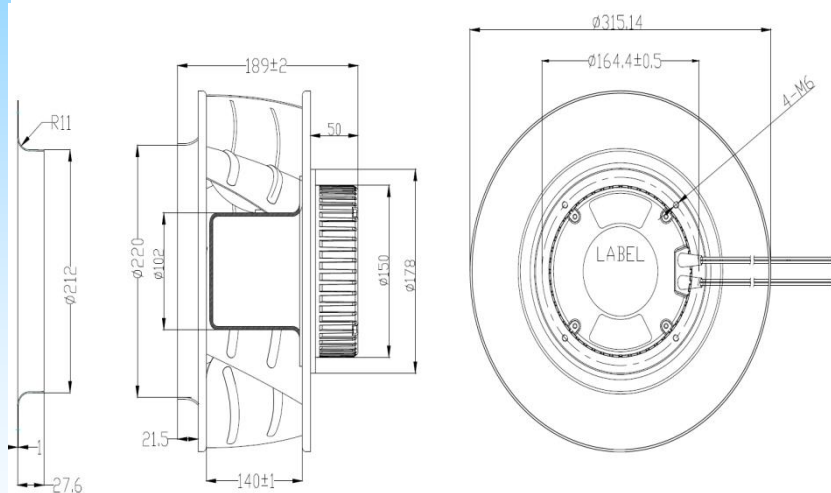
Impeller: Aluminum

Ambient Temperature Range: -10°C ~ +70°C

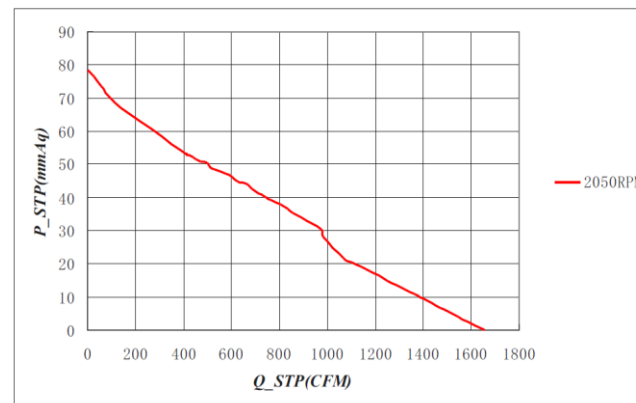
Bearing: Ball

Weight: 4400 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC13119HB	110	80-135	50/60	380	2050	1658	47	3.09	67
CYEC23119HB	220	180-265							



ø355x195 mm



Frame: Aluminum

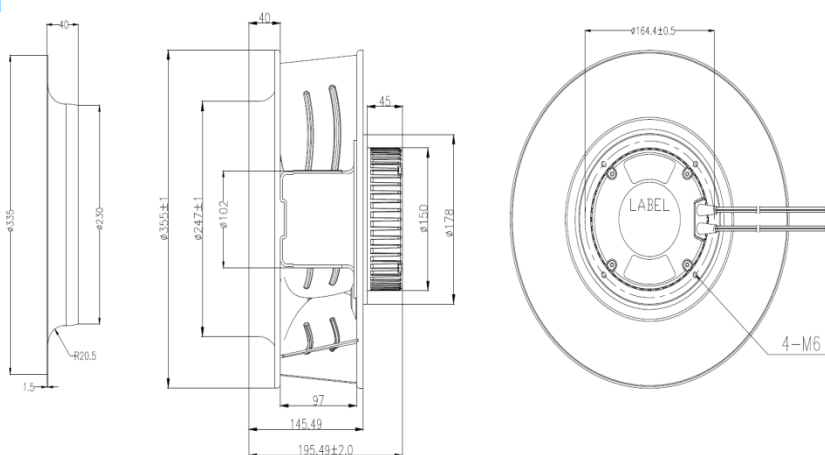
Impeller: Aluminum

Ambient Temperature Range: -10°C ~ +70°C

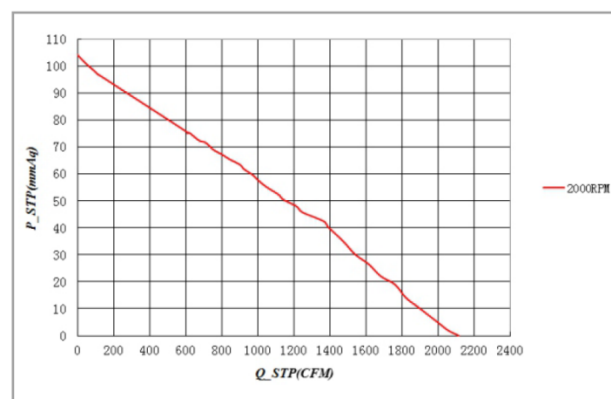
Bearing: Ball

Weight: 5700 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC13520HB	110	80-135	50/60	390	2000	2116	59.9	4.1	78
CYEC23520HB	220	180-265							



ø400x200 mm



Frame: Aluminum

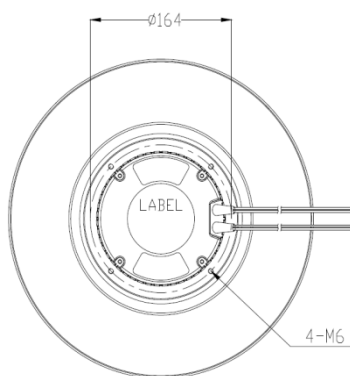
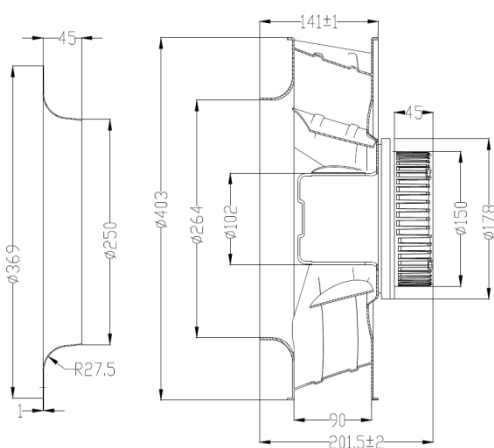
Impeller: Aluminum

Ambient Temperature Range: -10°C ~ +70°C

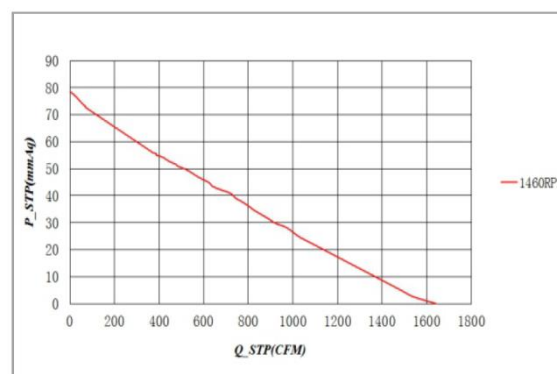
Bearing: Ball

Weight: 6100 g

Dimension (units:mm)



Characteristic Curves



SPECIFICATION

Model	Voltage (V)	Operating Range(V)	Freq. (Hz)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Flow (m3/min)	Pressure (in-H2O)	Noise (dB)
CYEC14020HB	110	80-135	50/60	380	1460	1642	46.55	3.1	72
CYEC24020HB	220	180-265							