

HEYU TECHNOLOGY

Industrial Cooling Solutions

SMART AIR, BETTER LIFE

- ***AC Fans***
- ***DC Fans***
- ***EC Fans***
- ***Centrifugal Fans***
- ***Fan Controllers***
- ***OEM / ODM Solutions***



SKELETON

PRODUCT INDEX

SMART AIR, BETTER LIFE

AC SKELETON

75 × 24 mm	04
75 × 37 mm	05
84 × 37 mm	06
85 × 28.5 mm	07
85 × 42 mm	08
113 × 37 mm	09
120 × 40 mm	10
140 × 56 mm	11
143 × 50 mm	12
145 × 38 mm	13
160 × 80 mm	14
172 × 79 mm	15
193 × 68 mm	16
197 × 79 mm	17
214 × 75 mm	18
219 × 87 mm	19
245 × 100 mm	20

SKELETON

PRODUCT INDEX

SMART AIR, BETTER LIFE

DC SKELETON

108 × 36 mm	21
120 × 41 mm	22–23
163 × 66 mm	24–25
215 × 68 mm	26–27

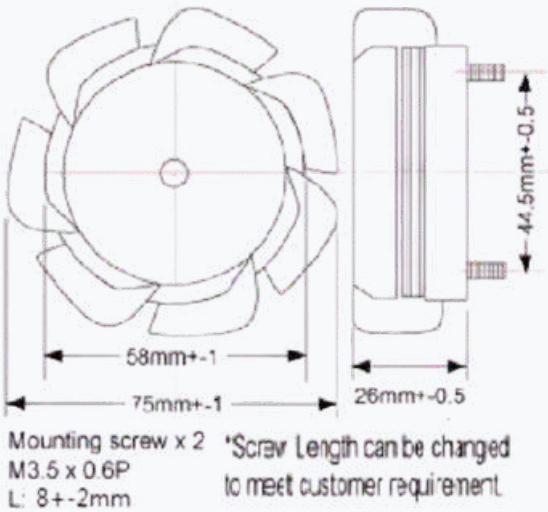
AC SKELETON

ø75x24 mm
 (ø2.95x0.94 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -20°C ~ +70°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Shaded-Pole Induction Motor
- Motor Protection:** Impedance Protection
- Termination:** Lead Wire
- Weight:** 220 g

Dimensions (mm)

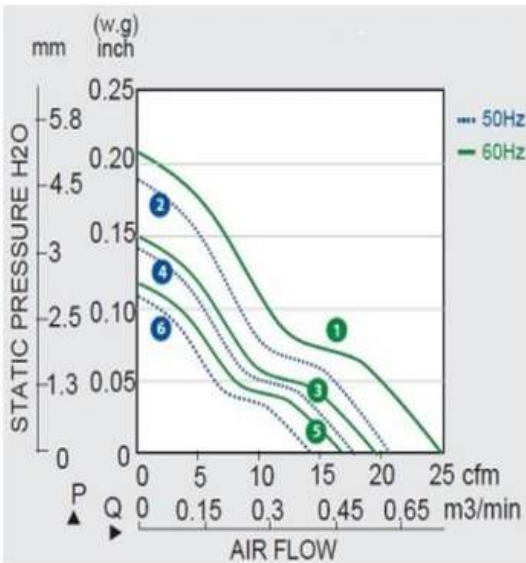


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS17524HB	115	50/60	11/9	2500/3000	22/25	4.57/5.33	28
HYS27524HB	230	50/60	11/9	2500/3000	22/25	4.57/5.33	28

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

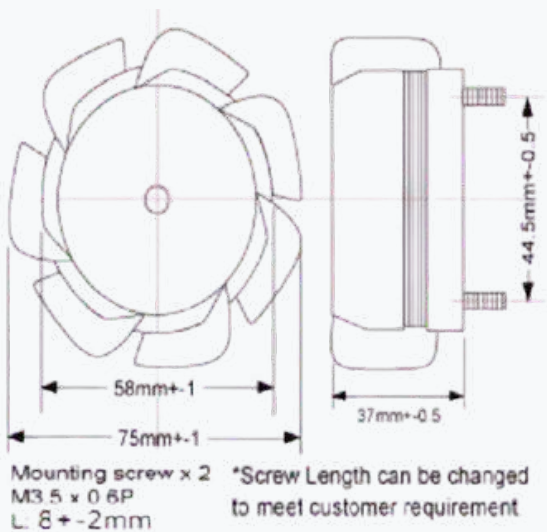
AC SKELETON

ø75x37 mm
(ø2.95x1.45 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -20°C ~ +70°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Shaded-Pole Induction Motor
- Motor Protection:** Impedance Protection
- Termination:** Lead Wire
- Weight:** 370 g

Dimensions (mm)

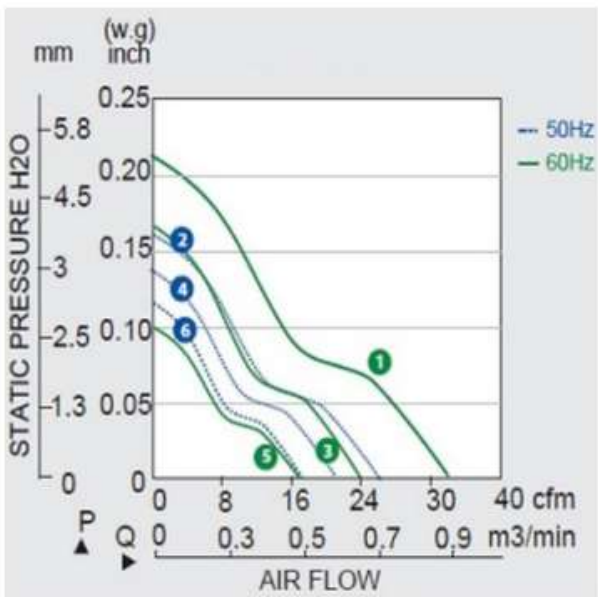


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS17537HB	115	50/60	14/12	2700/3250	26/31	4.06/5.59	29
HYS27537HB	230	50/60	14/12	2700/3250	26/31	4.06/5.59	29

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

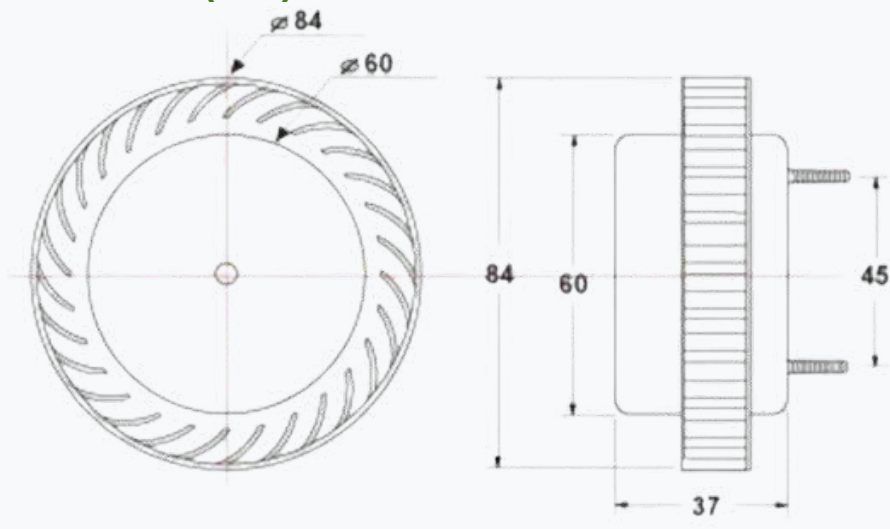
AC SKELETON

ø84x37 mm
 (ø3.3x1.45 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -20°C ~ +80°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Shaded-Pole Induction Motor
- Motor Protection:** Impedance Protection
- Termination:** Lead Wire
- Weight:** 320 g

Dimensions (mm)



Mounting Screw x 2
 M3.5 x 0.6P
 L= 10+-2mm
 * Screw Length can be to meet customer requirment



PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS18437HB	115	50/60	20/18	2550/2800	29/33	10.67/12.7	48
HYS28437HB	230	50/60	20/18	2550/2800	29/33	10.67/12.7	47

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC SKELETON

ø85x28.5 mm

(ø3.34x1.12 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced Plastic (UL94 V-0)

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

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Shaded-Pole Induction Motor

Motor Protection: Impedance Protection

Termination: Lead Wire

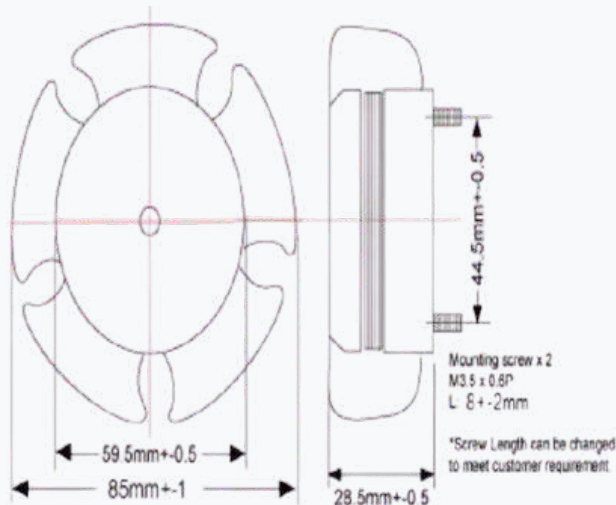


PLASTIC IMPELLER

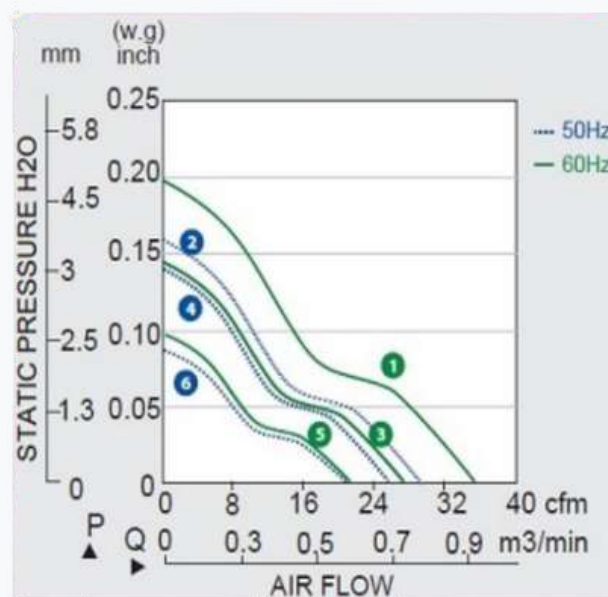
Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)



Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS18528HB	115	50/60	15/13	2500/3000	30/35	4.06/5.08	30
HYS28528HB	230	50/60	15/13	2500/3000	30/35	4.06/5.08	30

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC SKELETON

ø85x42 mm
 (ø3.34x1.65 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -20°C ~ +70°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Shaded-Pole Induction Motor
- Motor Protection:** Impedance Protection
- Termination:** Lead Wire

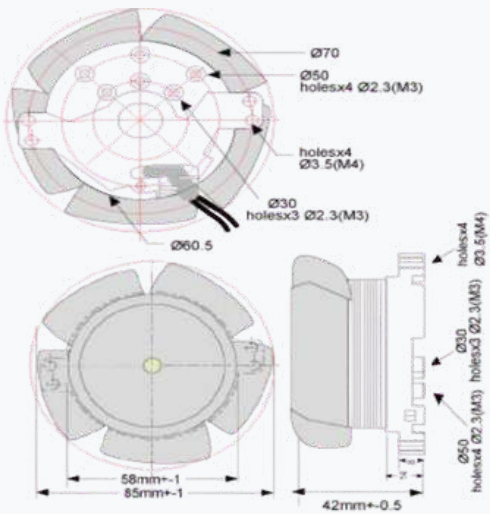


PLASTIC IMPELLER

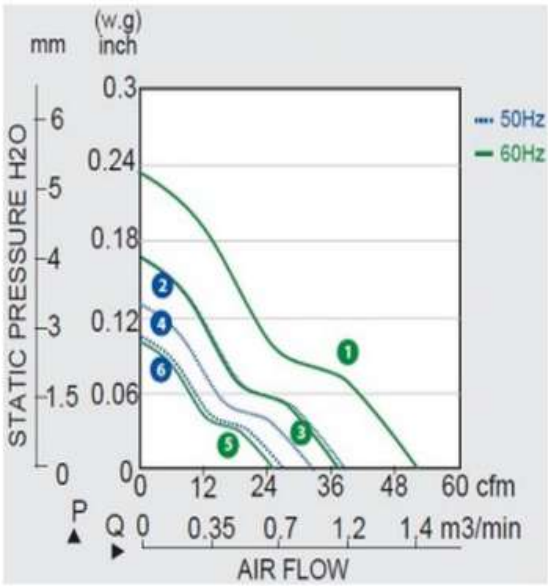
Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)



Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS18542HB	115	50/60	11/9	2650/3100	43/52	4.06/5.59	33
HYS28542HB	230	50/60	11/9	2650/3100	43/52	4.06/5.59	33

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC SKELETON

ø113x37 mm

(ø4.44x1.45 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced Plastic (UL94 V-0)

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

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

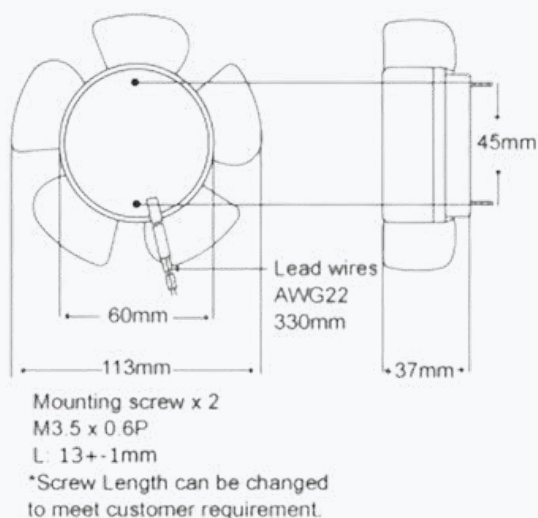
Motor Structure: Shaded-Pole Induction Motor

Motor Protection: Impedance Protection

Termination: Lead Wire

Weight: 490 g

Dimensions (mm)

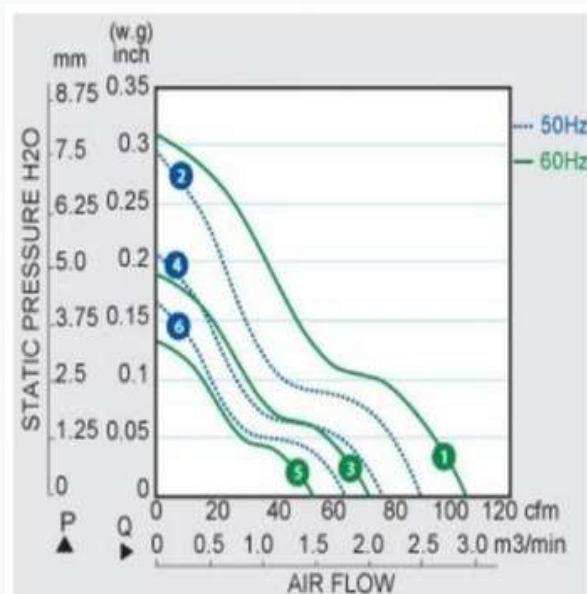


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS11337HB	115	50/60	17/15	2500/2700	85/101	7.37/8.13	43
HYS21337HB	230	50/60	17/15	2500/2700	85/101	7.37/8.13	43

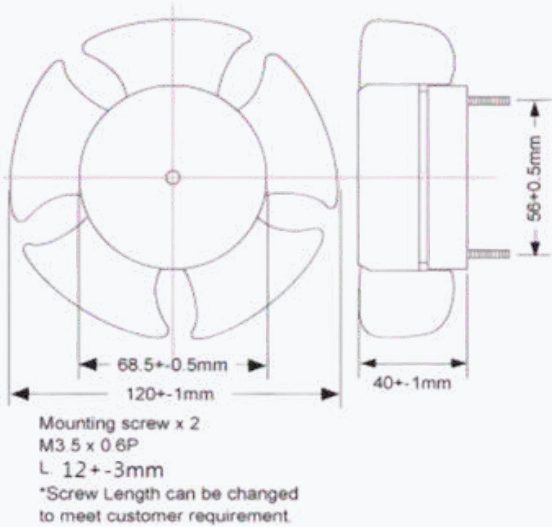
AC SKELETON

ø120x40 mm
 (ø4.72x1.57 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -20°C ~ +70°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Shaded-Pole Induction Motor
- Motor Protection:** Impedance Protection
- Termination:** Lead Wire
- Weight:** 410 g

Dimensions (mm)

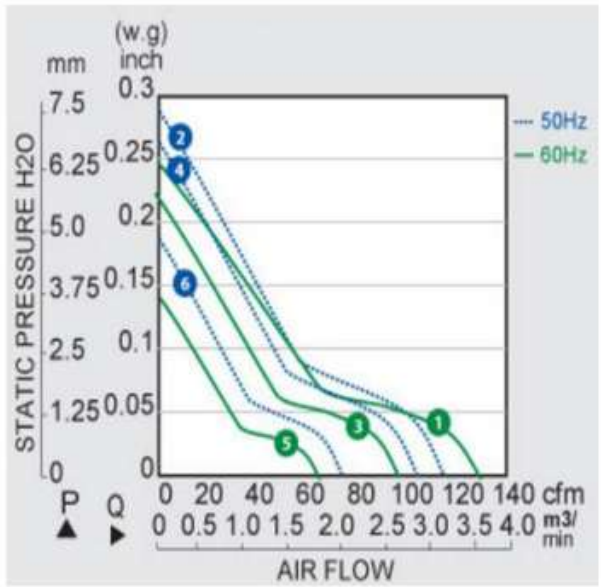


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS11240HB	115	50/60	16/14	2400/2300	115/130	7.37/6.35	46
HYS21240HB	230	50/60	16/14	2400/2300	115/130	7.37/6.35	46

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC SKELETON

ø140x56 mm
(ø5.51x2.2 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

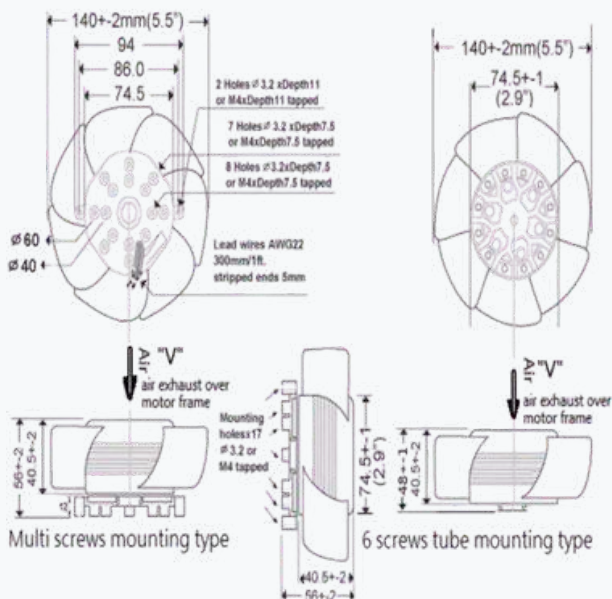
Motor Structure: Single-Phase Shaded-Pole Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 850 g

Dimensions (mm)

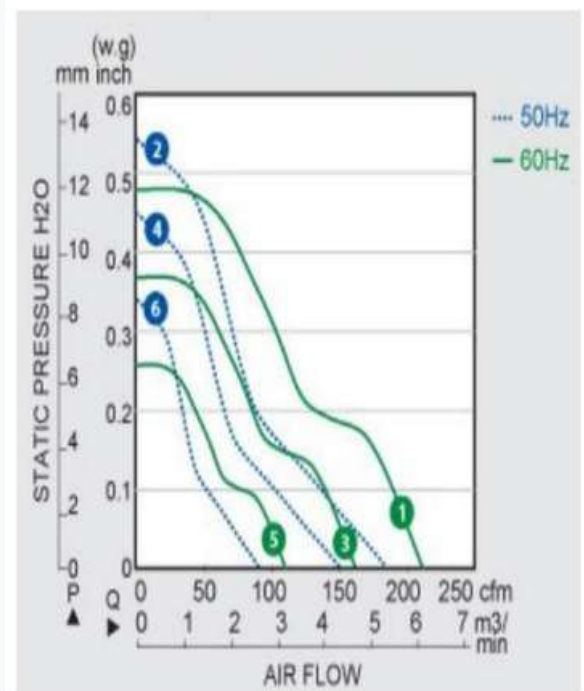


METAL IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS11456HB	115	50/60	47/42	2750/3200	183/220	12.45/10.67	60
HYMS21456HB	230	50/60	47/42	2750/3200	183/220	12.45/10.67	60

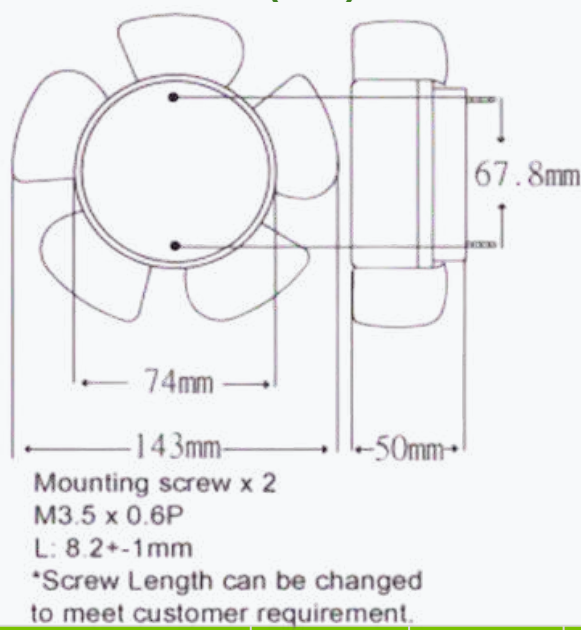
AC SKELETON

ø143x50 mm
 (ø5.62x1.96 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -30°C ~ +70°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Shaded-Pole Induction Motor
- Motor Protection:** Impedance Protection
- Termination:** Lead Wire
- Weight:** 910 g

Dimensions (mm)

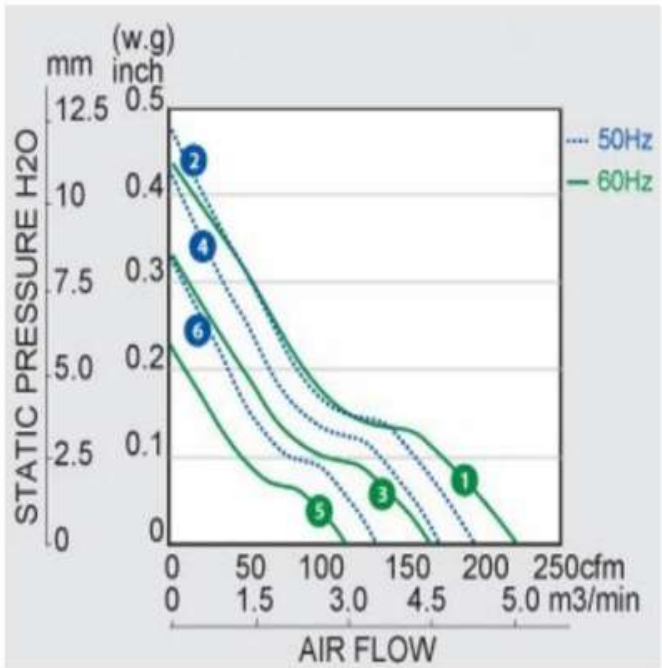


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS11450HB	115	50/60	30/26	2500/2800	183/210	11.94/10.92	47
HYS21450HB	230	50/60	30/26	2500/2800	183/210	11.94/10.92	47

AC SKELETON

ø145x38 mm
 (ø5.71x1.50 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

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

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

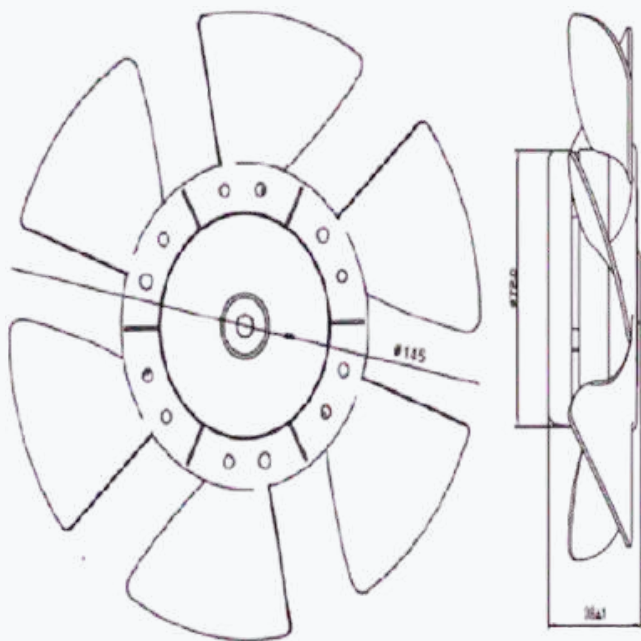
Motor Structure: Capacitor Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 610 g

Dimensions (mm)

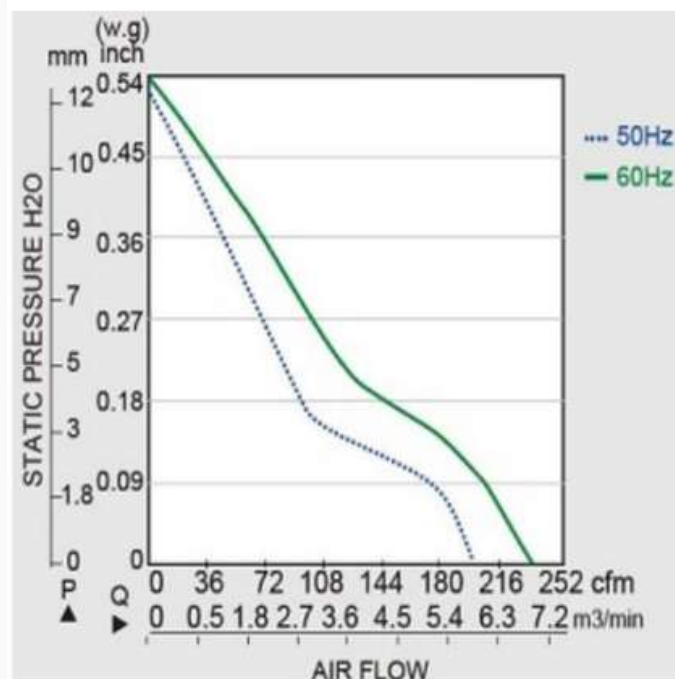


METAL IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS11438HB	115	50/60	40/32	2700/3100	210/240	13.46/14.48	53/59
HYMS21438HB	230	50/60	40/32	2700/3100	210/240	13.46/14.48	53/59

AC SKELETON

ø160x80 mm

(ø6.29x3.14 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 1,100 g

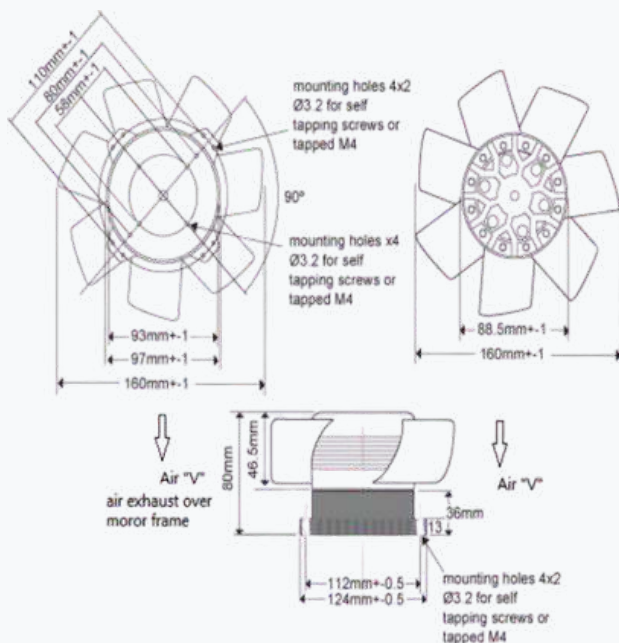


METAL IMPELLER

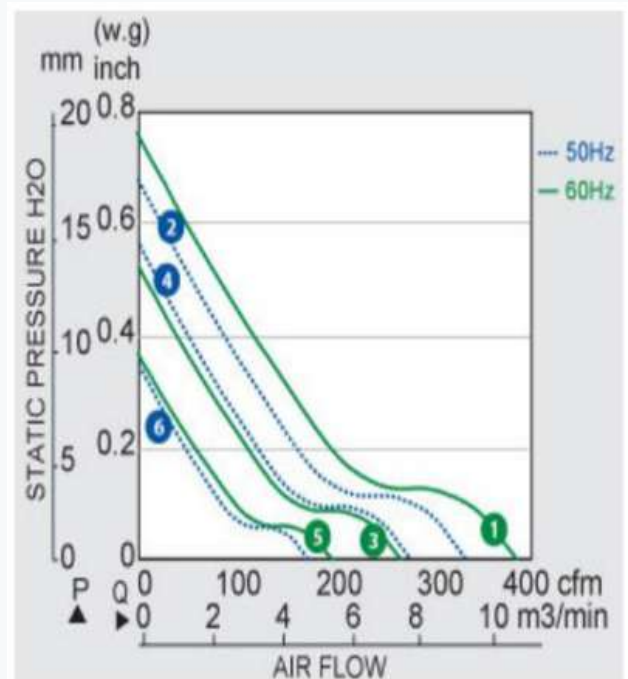
Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)



Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS11680HB	115	50/60	60/80	2800/3250	340/410	17.27/19.05	62
HYMS21680HB	230	50/60	60/80	2800/3250	340/410	17.27/19.05	62

AC SKELETON

ø172x79 mm

(ø6.77x3.11 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor, 2- or 4-Pole

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 1,980 g

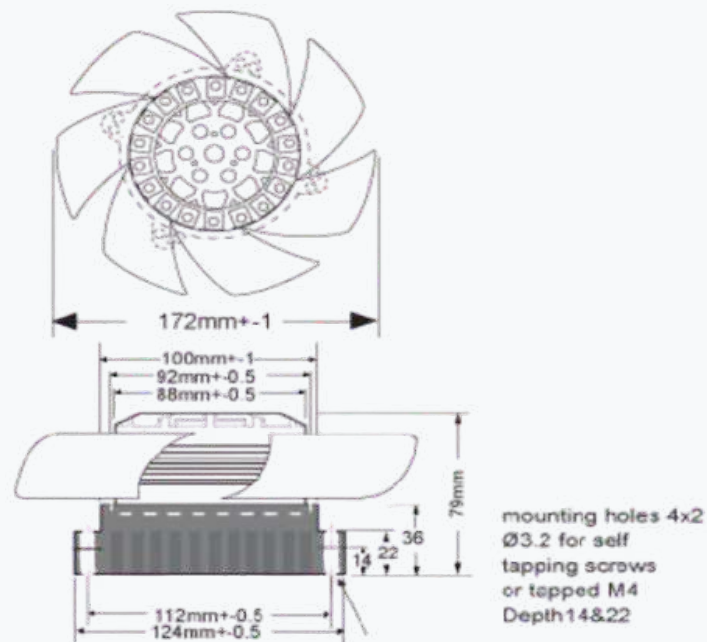
Dimensions (mm)



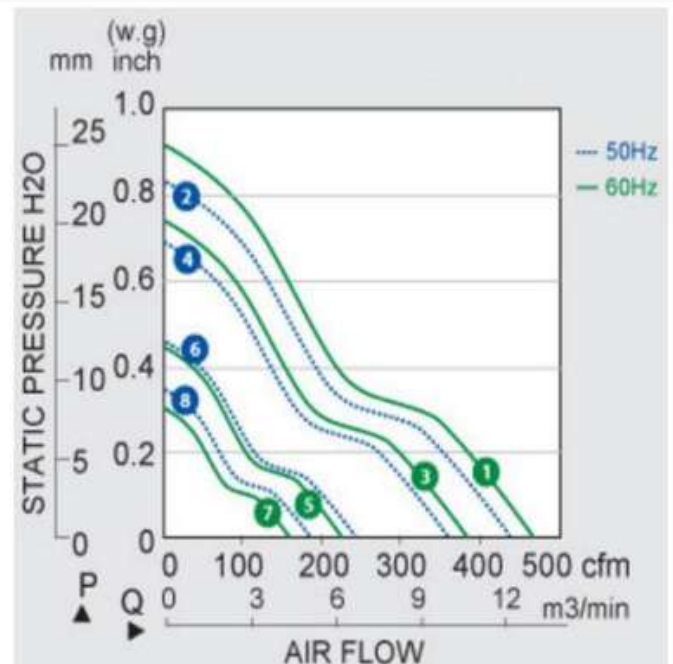
METAL IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling



Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS11779HB	115	50/60	95/105	2800/3300	430/485	20.83/23.62	66
HYMS21779HB	230	50/60	95/105	2800/3300	430/485	20.83/23.62	66

AC SKELETON

ø193x68 mm
 (ø7.59x2.67 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced Plastic (UL94 V-0)

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

Operating Voltage Range: Rated Voltage ±10%

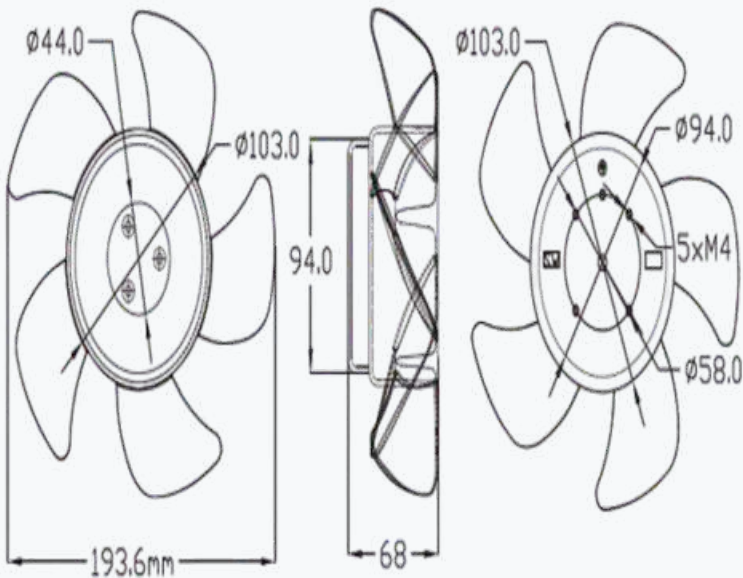
Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 1,580 g **Dimensions (mm)**

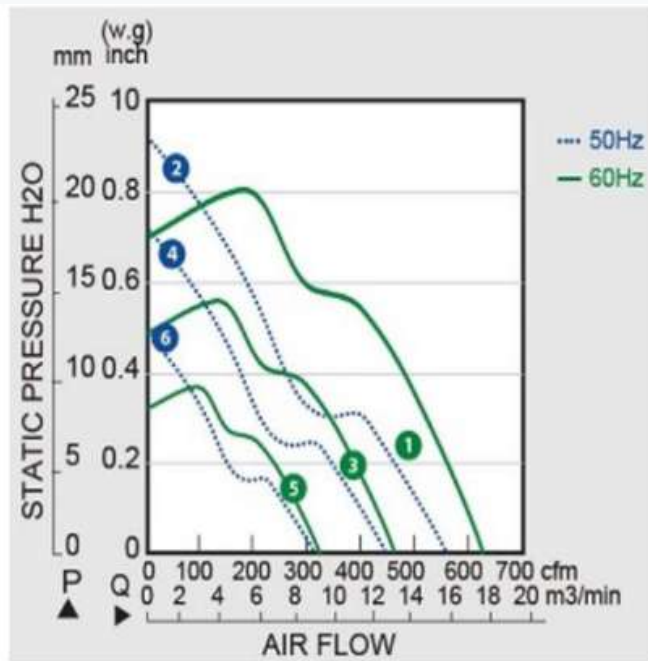


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS11968HB	115	50/60	60/75	2800/3150	587/660	23.11/17.78	69
HYS21968HB	230	50/60	60/75	2800/3150	587/660	23.11/17.78	69

AC SKELETON

ø197x79 mm

(ø7.75x3.11 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 1,800 g

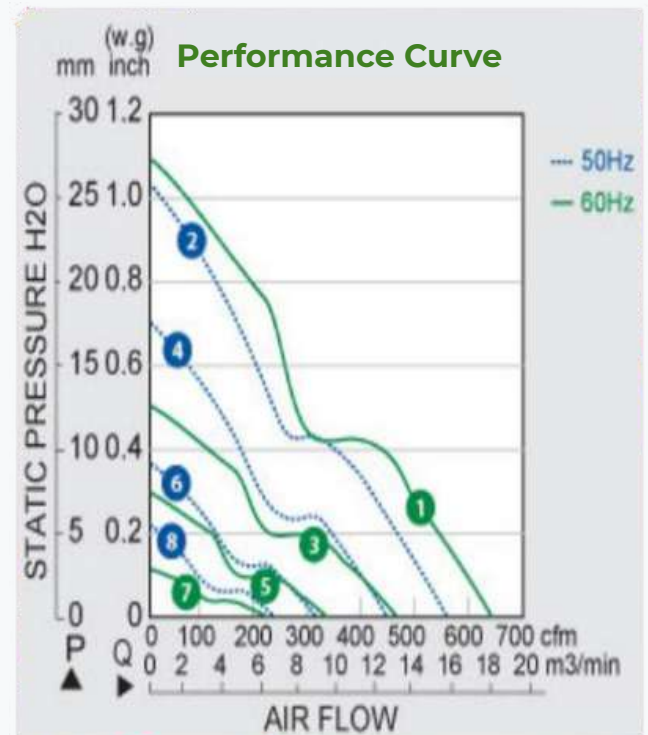
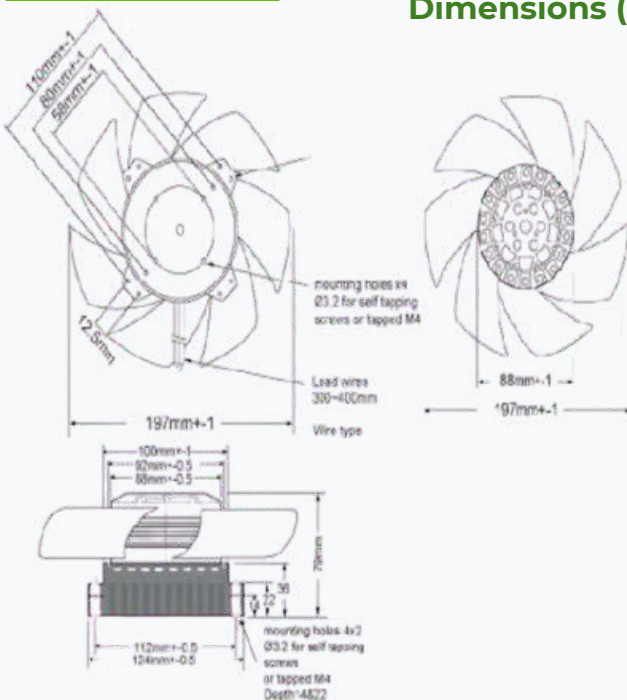


METAL IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS11979HB	115	50/60	60/80	2800/3000	520/590	23.11/21.84	68
HYMS21979HB	230	50/60	60/80	2800/3000	520/590	23.11/21.84	68

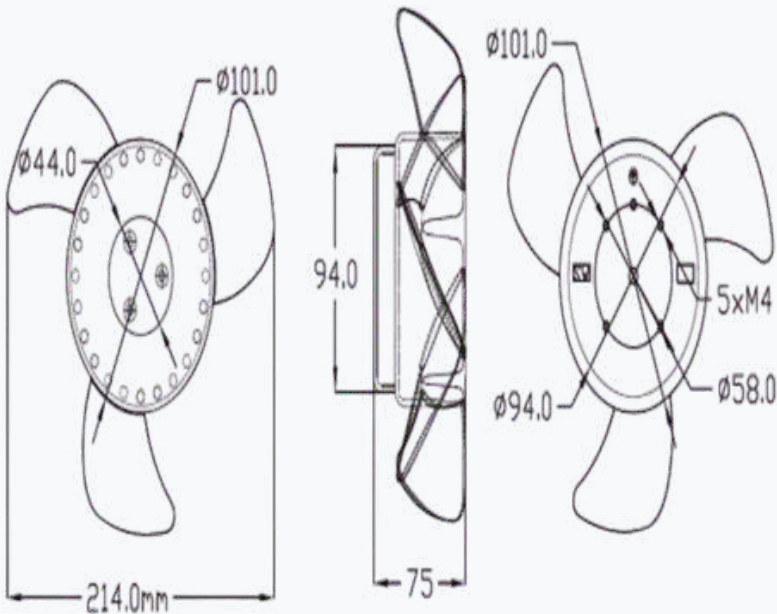
AC SKELETON

ø214x75 mm
(ø8.42x2.95 in)
High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

- Impeller:** Glass-Fiber-Reinforced Plastic (UL94 V-0)
- Ambient Temperature Range:** -20°C ~ +65°C
- Operating Voltage Range:** Rated Voltage ±10%
- Bearing:** Ball Bearing
- Motor Structure:** Capacitor Induction Motor
- Motor Protection:** Thermal Protection
- Termination:** Lead Wire
- Weight:** 1,740 g

Dimensions (mm)

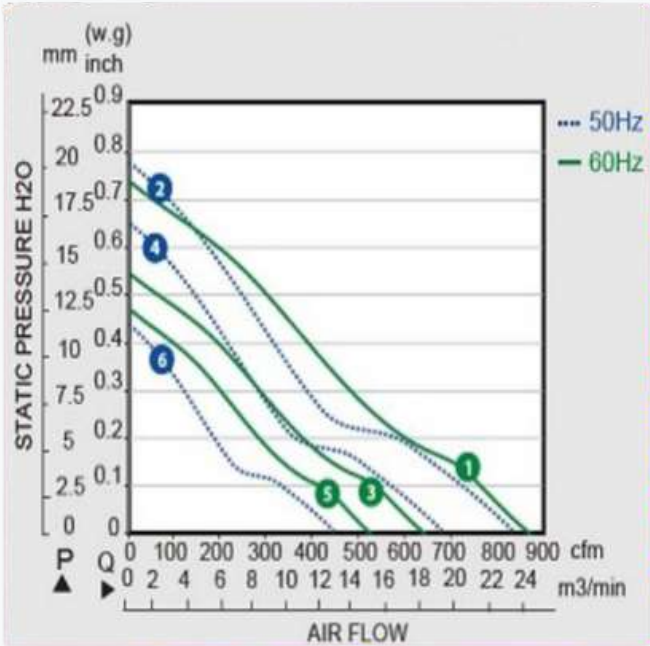


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYS12175HB	115	50/60	60/75	2600/2700	820/860	19.81/18.54	65
HYS22175HB	230	50/60	60/75	2600/2700	820/860	19.81/18.54	65

AC SKELETON

ø219x87 mm
(ø8.62x3.42 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 1,900 g

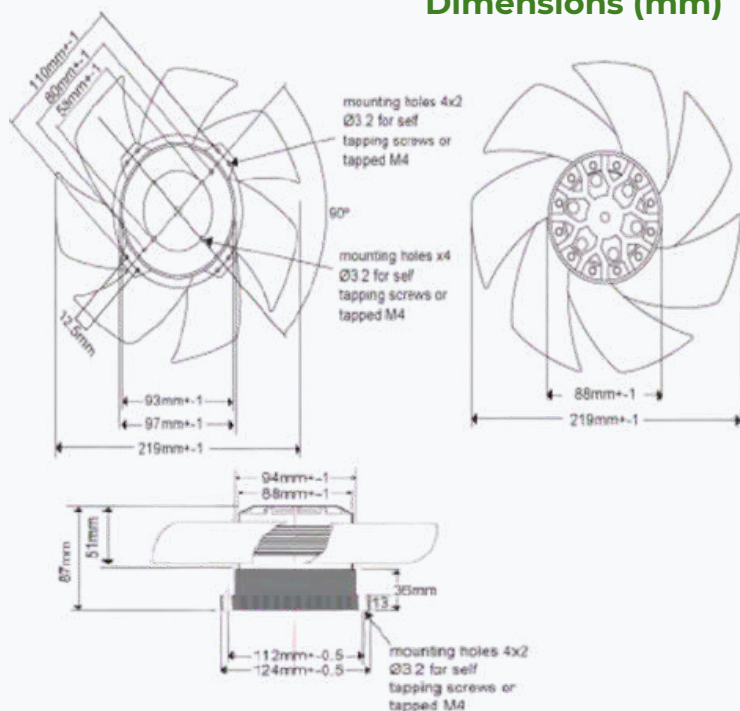


METAL IMPELLER

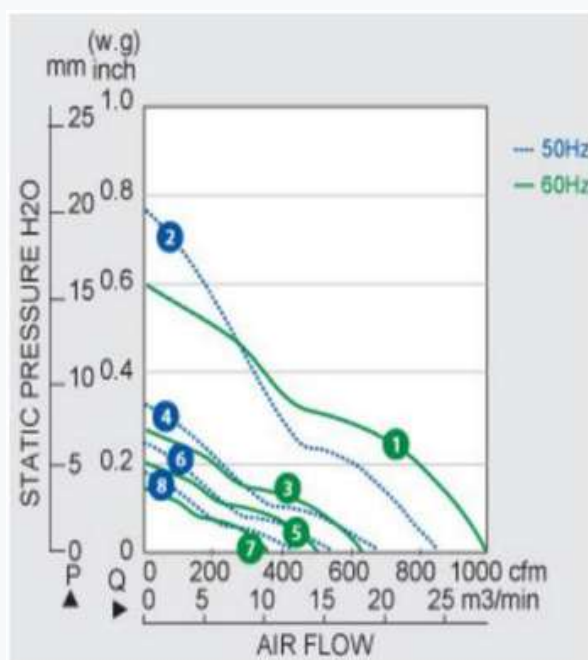
Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)



Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS12287HB	115	50/60	95/105	2800/3200	830/1000	19.81/15.24	70
HYMS22287HB	230	50/60	95/105	2800/3200	830/1000	19.81/15.24	70

AC SKELETON

ø245x100 mm
(ø9.64x3.93 in)

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermal Protection

Termination: Lead Wire

Weight: 2,500 g

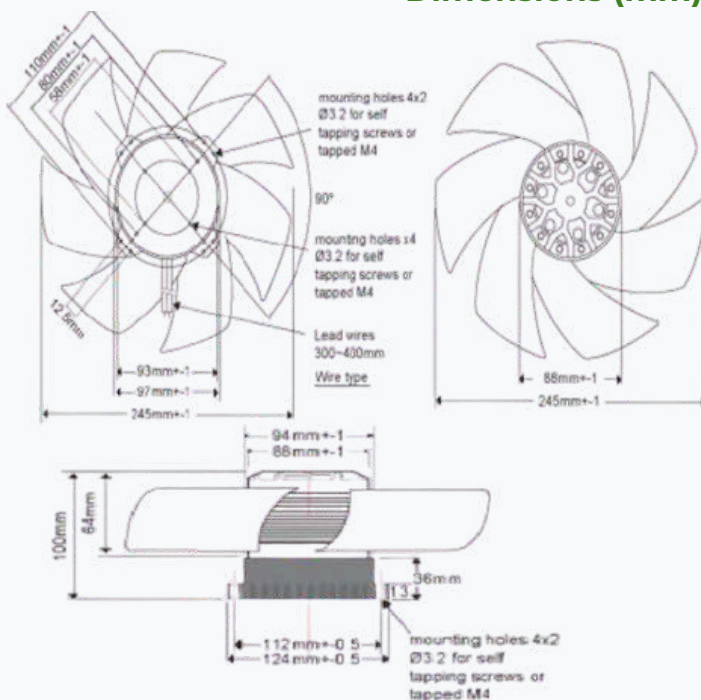


METAL IMPELLER

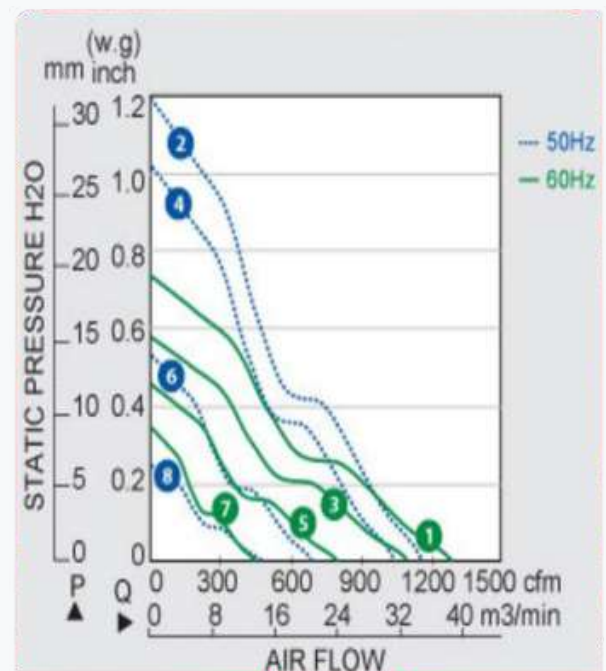
Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)



Performance Curve



Model	Voltage (VAC)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYMS12410HB	115	50/60	155/210	2800/3200	1150/1300	30.48/19.05	74
HYMS22410HB	230	50/60	155/210	2800/3200	1150/1300	30.48/19.05	74

DC SKELETON

ø108x36 mm

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced PBT (UL94 V-0)

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

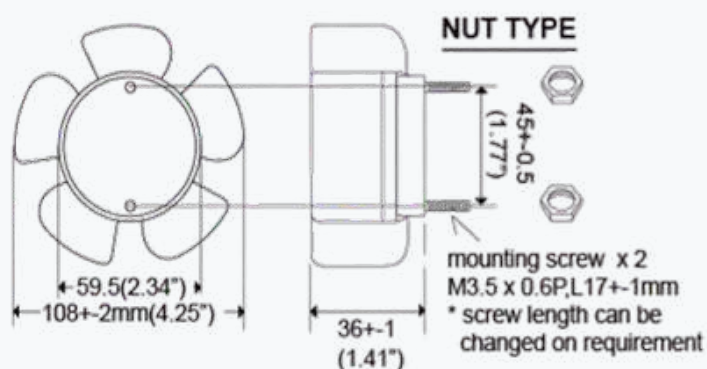
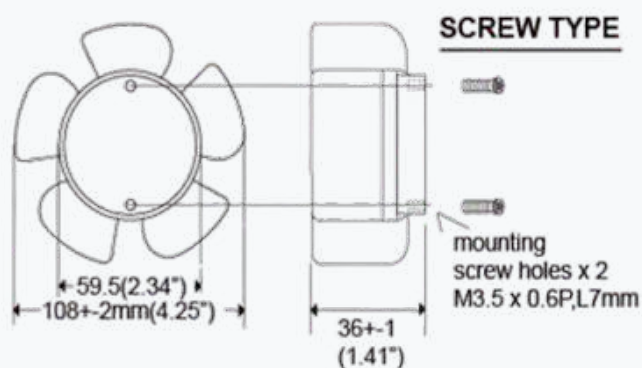
Bearing: Ball Bearing

Motor Structure: Brushless DC Motor

Termination: Lead Wire, 350 mm

Weight: 170 g

Dimensions (mm)



PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Model	Voltage (VDC)	Operating Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (in-H2O)	Noise (dB)
HYDS121036LBL	12	10.0 – 14.0	0.2	2.4	2000	65	0.13	26
HYDS121036MBL	12	8.0– 13.8	0.4	4.8	2500	78	0.21	33
HYDS121036HBL	12	8.0– 13.8	0.5	6	3100	100	0.28	42
HYDS241036LBL	24	18.0 – 27.6	0.15	3.6	2000	65	0.13	26
HYDS241036MBL	24	18.0 – 27.0	0.19	4.6	2550	82	0.21	33
HYDS241036HBL	24	15.0 – 26.0	0.23	5.5	3200	105	0.28	42
HYDS481036LBL	48	30.0 – 56.0	0.07	3.6	2000	65	0.13	26
HYDS481036MBL	48	28.0 – 55.2	0.08	4.6	2550	82	0.21	33
HYDS481036HBL	48	28.0 – 55.0	0.1	5.5	3200	105	0.28	42

DC SKELETON

Ø120x41 mm

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced PBT (UL94 V-0)

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

Bearing: Ball Bearing

Motor Structure: Brushless DC Motor

Termination: Lead Wire, 330 mm

Weight: 250 g

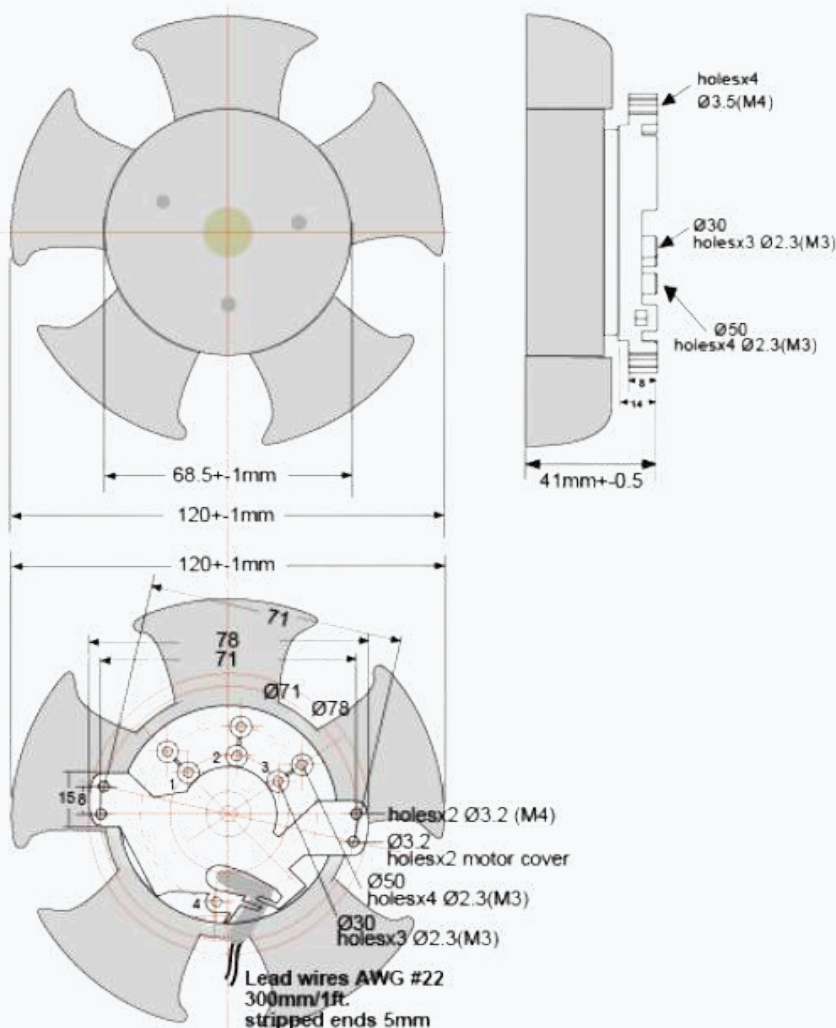
Dimensions (mm)



PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling





DC SKELETON

ø120x41 mm

Specifications — Continued

Model	Voltage (VDC)	Operating Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (in-H2O)	Noise (dB)
HYDS051241LBL	5	4.0 – 6.0	0.4	2	1700	75	0.21	28
HYDS051241MBL	5	4.0 – 6.0	0.55	3	2000	90	0.27	32
HYDS051241HBL	5	4.0 – 6.0	0.65	3.5	2300	100	0.31	36
HYDS051241XBL	5	4.0 – 6.0	1.6	8	2600	113	0.35	40
HYDS051241UBL	5	4.0 – 6.0	1.9	9.5	2900	128	0.39	43
HYDS121241LBL	12	9.0 – 13.8	0.2	2.4	1900	86	0.23	30
HYDS121241MBL	12	9.0 – 13.8	0.4	4.8	2200	96	0.29	34
HYDS121241HBL	12	9.0 – 13.8	0.5	6	2500	110	0.33	40
HYDS121241XBL	12	9.0 – 13.8	0.7	8.4	2800	122	0.37	43
HYDS121241UBL	12	9.0 – 13.8	0.88	10.6	3100	138	0.4	46
HYDS241241LBL	24	26.0 – 56.0	0.15	3.6	1900	86	0.23	30
HYDS241241MBL	24	26.0 – 56.0	0.19	4.6	2200	96	0.29	34
HYDS241241HBL	24	26.0 – 56.0	0.23	5.5	2600	115	0.35	40
HYDS241241XBL	24	26.0 – 56.0	0.35	8.4	2900	128	0.39	43
HYDS241241UBL	24	26.0 – 56.0	0.43	10.3	3200	145	0.39	43
HYDS481241LBL	48	26.0 – 56.0	0.07	3.4	1900	86	0.23	30
HYDS481241MBL	48	26.0 – 56.0	0.08	3.8	2200	96	0.29	34
HYDS481241HBL	48	26.0 – 56.0	0.1	5	2600	115	0.35	40
HYDS481241XBL	48	26.0 – 56.0	0.16	7.7	2900	128	0.39	43
HYDS481241UBL	48	26.0 – 56.0	0.22	10.6	3200	128	0.39	43

DC SKELETON

ø163x66 mm

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced PBT (UL94 V-0)

Ambient Temperature Range: -15°C ~ +65°C

Bearing: Ball Bearing

Motor Structure: Programmable Microprocessor Brushless DC Motor

Motor Protection: Locked-Rotor / Polarity Protection

Termination: Lead Wire, 300 mm

Weight: 870 g

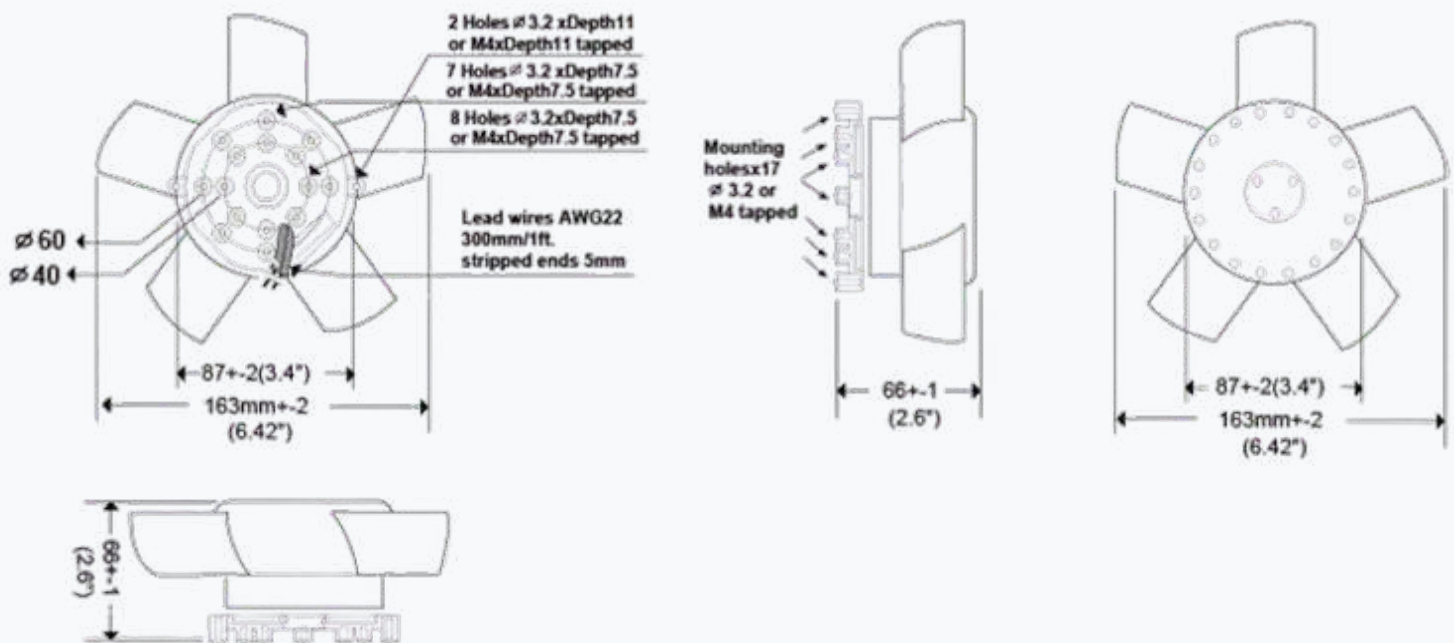
Dimensions (mm)



PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling





DC SKELETON

ø163x66 mm

Specifications — Continued

Model	Voltage (VDC)	Operating Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (in-H2O)	Noise (dB)
HYDS121666LBL	12	10.0 – 14.0	0.45	5.5	1800	240	0.25	38
HYDS121666MBL	12	10.0 – 14.0	1.1	13.2	2550	340	0.51	49
HYDS121666HBL	12	9.0 – 13.8	1.9	23	3100	405	0.74	60
HYDS241666LBL	24	15.0 – 28.0	0.2	5	1800	240	0.25	38
HYDS241666MBL	24	12.0 – 28.0	0.52	13	2550	340	0.51	49
HYDS241666HBL	24	12.0 – 27.6	0.97	24	3100	405	0.74	60
HYDS481666LBL	48	30.0 – 63.0	0.12	5.8	1800	240	0.25	38
HYDS481666MBL	48	28.0 – 60.0	0.3	14.5	2550	340	0.51	49
HYDS481666HBL	48	24.0 – 55.0	0.48	23.5	3100	405	0.74	60

DC SKELETON

Ø215x68 mm

High Performance Skeleton Fan

Open-frame design for efficient airflow and reliable cooling performance.

Impeller: Glass-Fiber-Reinforced PBT (UL94 V-0)

Ambient Temperature Range: -15°C ~ +65°C

Bearing: Ball Bearing

Motor Structure: Brushless DC Motor

Termination: Lead Wire, 300 mm

Weight: 900 g

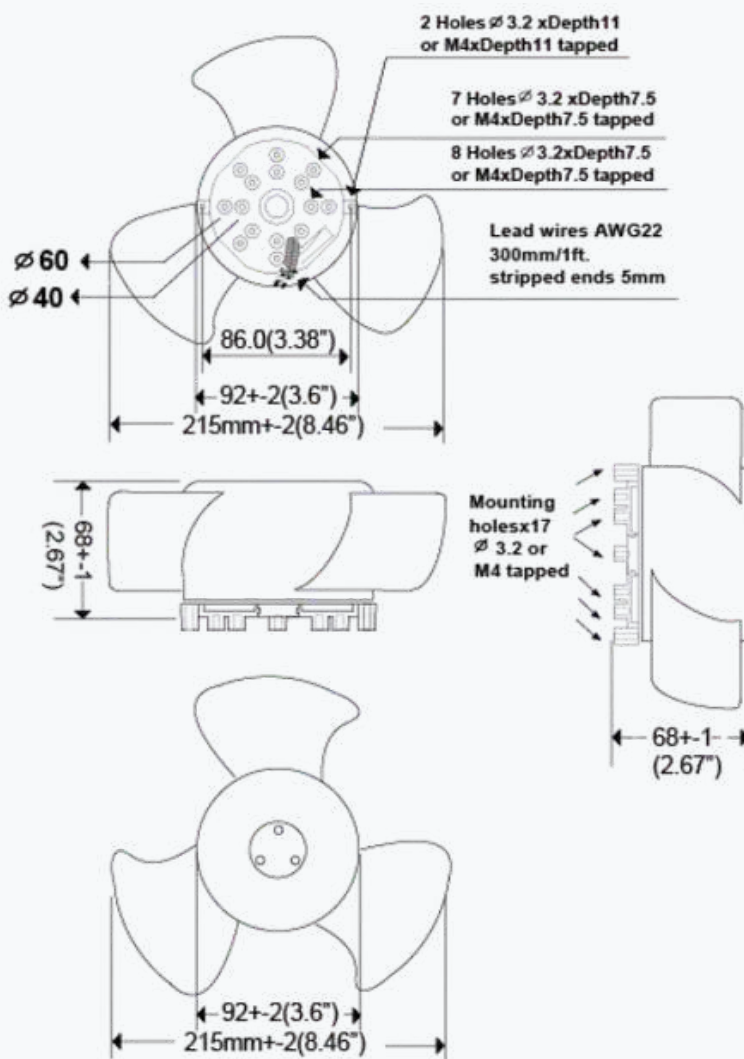


PLASTIC IMPELLER

Typical Applications

- Electronic Equipment
- Power Supplies
- Communication Equipment
- Industrial Equipment
- Space-Constrained Cooling

Dimensions (mm)





DC SKELETON

ø215x68 mm

Specifications — Continued

Model	Voltage (VDC)	Operating Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (in-H2O)	Noise (dB)
HYDS122168LBL	12	10.0 – 16.0	0.45	5.5	1000	340	0.23	26
HYDS122168LBL	12	10.0 – 16.0	0.45	5.5	1650	540	0.36	39
HYDS122168MBL	12	9.0 – 14.0	1.1	13.2	2000	680	0.57	46
HYDS122168HBL	12	9.0 – 13.0	1.9	23	2400	810	0.78	64
HYDS242168LBL	24	18.0 – 32.0	0.2	5	1000	340	0.23	26
HYDS242168LBL	24	18.0 – 30.0	0.2	5	1650	550	0.37	39
HYDS242168MBL	24	16.0 – 27.6	0.52	13	2000	690	0.57	46
HYDS242168HBL	24	16.0 – 27.0	0.97	24	2500	830	0.78	64
HYDS482168LBL	48	28.0 – 63.0	0.12	5.8	1000	340	0.23	26
HYDS482168LBL	48	28.0 – 58.0	0.12	5.8	1650	550	0.37	39
HYDS482168MBL	48	24.0 – 56.0	0.3	14.5	2000	690	0.57	46
HYDS482168HBL	48	24.0 – 53.0	0.48	23.5	2500	830	0.78	64