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EC FAN MOTORS



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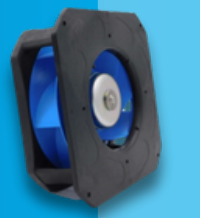
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Who We Are

Cebi Micromotors Switzerland has established itself as a leader in the design and manufacture of highly reliable, energy-efficient electronically commutated (EC) motors and asynchronous commutated (AC) fan motors. With over 3,000 references, we deliver fully customizable solutions to meet diverse application needs.

Our skilled engineers work closely with customers to understand and address their technical challenges. This dedication to customization ensures that our solutions are perfectly aligned with the unique demands of each project.

Supported by an advanced level of automation, we have the capacity to produce just-in-time and to respond rapidly to changes, delivering consistent and agile production.

3.000
References

83.500 m2
Total Surface Area





A Legacy of Innovation

Cebi Micromotors Switzerland traces its roots back to the former MES S.A. company, a renowned pioneer in the development and production of advanced fan motors.

This legacy enables Cebi Micromotors Switzerland to deliver high-performance solutions leveraging decades of experience to meet the evolving demands of their global customer base.

What set us apart

Our expertise in EC motors, proprietary technology, and vertically integrated processes ensure full control at every stage.

With flexible production capabilities, we adapt quickly to evolving market demands. Our focus on customization allows us to meet specific customer requirements, driving efficiency, reliability, and long-term value.

1976

Foundation Year



4 REASONS WHY INNOVATING WITH US



We are not just a component supplier; **we are a technical partner committed to innovation** and delivering excellence across every solution.

1 SMART SOLUTIONS

We deliver high-efficiency ventilation components that align with the latest advancements in smart, sustainable technology.

2 TECHNICAL EXCELLENCE

With our expertise in impellers and motors, we develop customized airflow solutions to meet complex technical demands, supported by our vertically integrated processes that ensure full control from design to production.

3 TAILORED SOLUTIONS

Using advanced CFD simulation software, we design optimized fan motor housings to maximize application efficiency for unique customer needs.

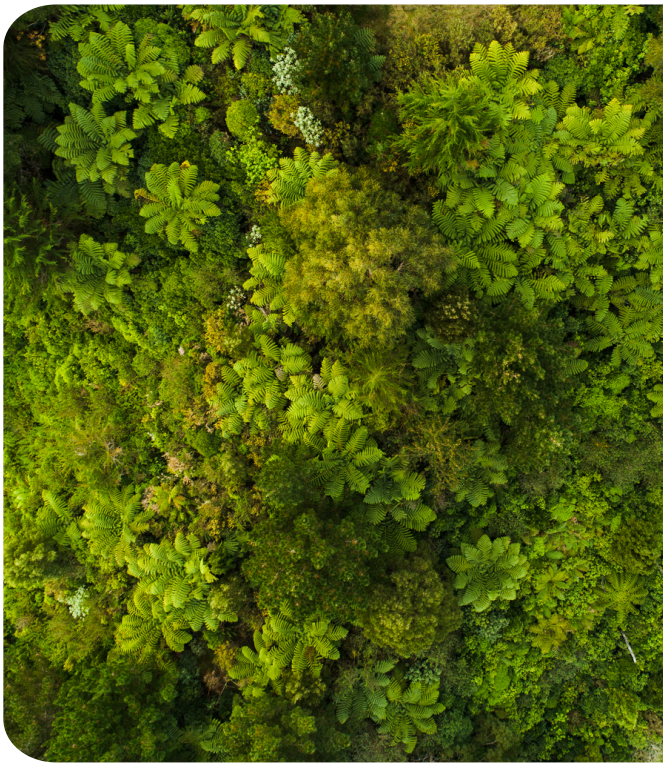
4 FLEXIBILITY AND QUALITY

Our automated production ensures consistent quality, adaptability to market demands, and compliance with the highest international standards (IATF 16949, ISO 9001, ISO 14001, VDE, CSA, CE, and UKCA).

IATF 16949 ISO 9001 ISO 14001

VDE CSA UKCA





PARTNERING FOR A GREENER FUTURE

At Cebi, sustainability is central to our vision, including future generations. We prioritize decarbonization and energy efficiency across our operations and solutions, implementing impactful strategies to minimize our environmental footprint.

ENERGY EFFICIENCY AS A STANDARD

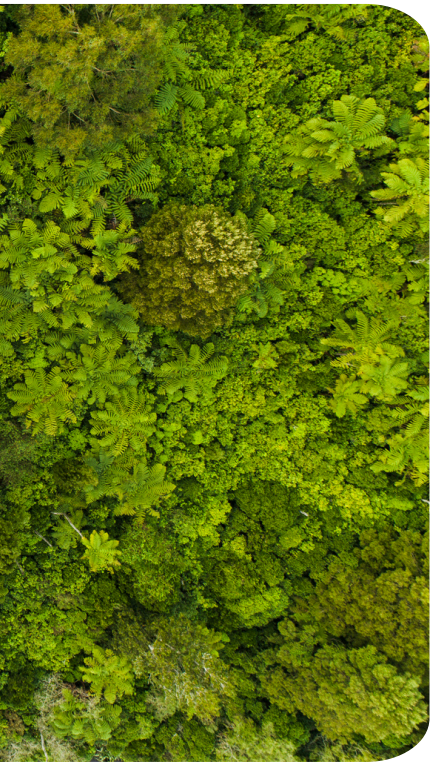
From internal policies to customer-driven innovations, Cebi is devoted to providing sustainable, energy-efficient solutions that drive a cleaner future.

Every product and process we develop is crafted with sustainability in mind, creating solutions that not only reduce our environmental impact but also help our customers achieve their own sustainability objectives.

CUSTOMER-CENTRIC INNOVATION

Cebi's R&D department is dedicated to designing sustainable ventilation and environmental regulation (VERM) solutions that address our customers' specific needs for efficiency, air quality, and energy savings.

Our Efficient Fan Motors deliver optimized airflow with reduced power consumption, while advanced filtration and air purification systems support healthier, cleaner environments.





1341 MWh
INSTALLED POWER

2361 kg
CO2 EMISSION REDUCTION

2532
PANELS INSTALLED

STRICT ENERGY-SAVING POLICIES

Our sustainability initiatives encompass numerous measures to cut emissions and increase energy efficiency.
In September 2023, we installed a photovoltaic power system with 2,532 solar panels, generating in 2024 1341MWh and achieving a CO_2 reduction of 2361 kg this year alone. This significant step aligns with our long-term goals for carbon neutrality.

REDUCING GAS AND ELECTRICITY CONSUMPTION

We've optimized energy use to cut gas consumption, reducing related CO_2 emissions to 605 T/CO2eq in 2024. Similarly, our initiatives to conserve electricity have reduced CO_2 equivalents from 16.756 T/CO2eq in 2023 to 13.636 T/CO2eq in 2024, underscoring our focus on conservation.

RECYCLING HEAT FOR BUILDING EFFICIENCY

By repurposing heat generated from compressors to warm our buildings, we avoid oil-fueled heating and achieve an additional 59 tons of CO_2 savings annually. This solution reduces fossil fuel reliance and enhances energy efficiency across our facilities.

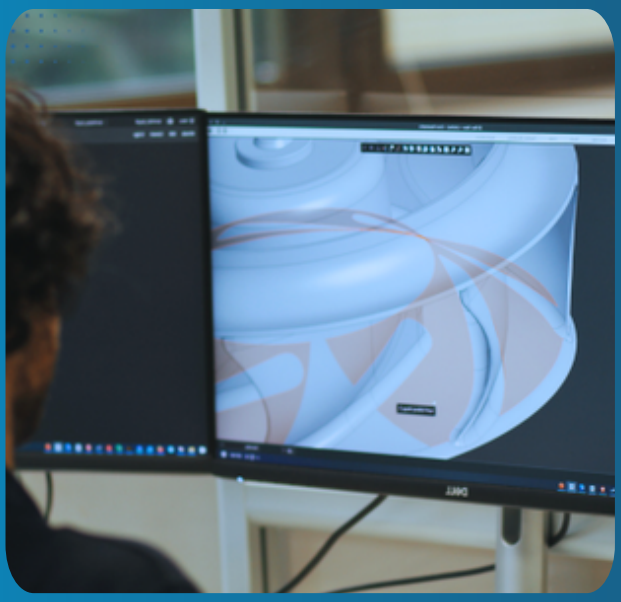


CEBI'S EXPERTISE AND TECHNOLOGY IN EC MOTORS

Cebi stands at the forefront of innovation in electronically commutated (EC) motor technology, combining advanced motor systems with precision electronics to enhance appliance performance, reduce energy consumption, and extend operational lifespan.

ADVANCED MOTOR DESIGN

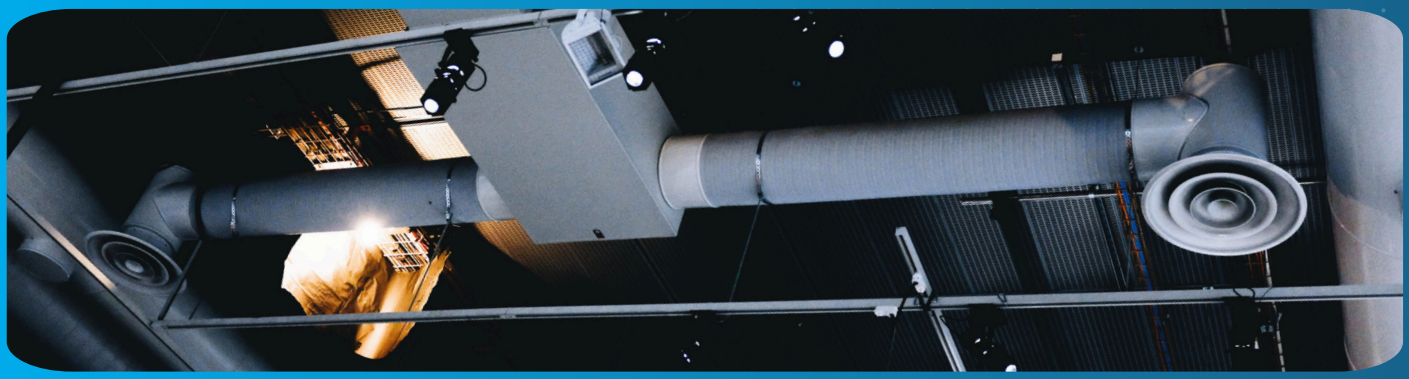
Cebi's EC motors are designed to be fully customizable, empowering our customers with tailored solutions that perfectly match their specific requirements.
Using our proprietary impellers in combination with our motors, we can achieve any airflow pattern needed to enhance appliance efficiency. Each motor is adaptable to accommodate custom impeller designs, providing customers with the flexibility to meet



HIGH-EFFICIENCY PERFORMANCE

Cebi's EC motors are engineered for exceptional efficiency, achieved through integrated onboard electronics fully designed and programmed by our R&D Electronic Department.

This electronic control allows our motors to operate at optimal efficiency levels, reducing energy use and lowering operational costs for customers.
The motor speed can be precisely regulated via a potentiometer, which controls current consumption or the fan motor's constant flow rate using Pulse Width Modulation (PWM) signals, ensuring precise and reliable performance across various operating conditions.



CUSTOMIZABLE AIRFLOW SOLUTIONS

Our EC motor technology utilizes a brushless, three-phase motor with a single-phase output and a permanent magnet on the rotor, enhancing both efficiency and durability.
The electronic control system enables versatile speed regulation, receiving input from either a potentiometer (DC 0-10V external signal) or a PWM signal.

Additionally, the motor emits a tachometer square wave output, allowing for precise speed monitoring and control, with a frequency of approximately four seconds, supporting real-time feedback for optimized performance.



MEETING OUR CLIENTS' NEEDS: ADDRESSING TODAY'S CHALLENGES

We commit to addres the current challenges our customers face, delivering enhanced control, efficiency, and air quality in response to today's needs.



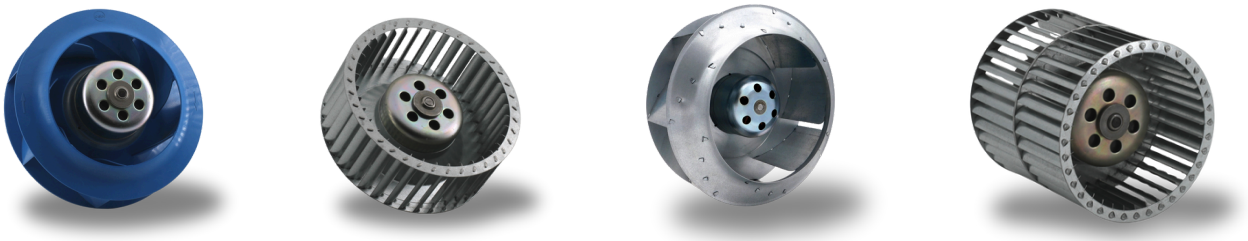
INTEGRATION WITH SMART HOME TECHNOLOGY

The rise of smart home integration allows users to remotely control ventilation systems via mobile apps or voice commands, providing precise control over ventilation settings and real-time indoor air quality feedback.



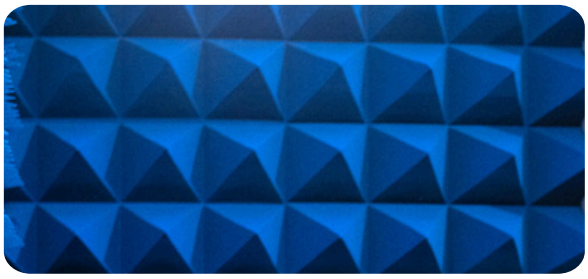
FILTRATION AND AIR PURIFICATION

With heightened concerns over indoor air quality, modern ventilation systems now incorporate advanced filtration, including HEPA filters, activated carbon, and UV-C technology, to capture pollutants and neutralize harmful particles, allergens, and pathogens.



IMPELLER DESIGN AND OPTIMIZATION

Efficient ductwork design, including smooth airflow paths and correct sizing, enhances system efficiency by minimizing air resistance and reducing noise. Thoughtfully designed diffusers and grilles help evenly distribute air for improved airflow and reduced velocity noise.



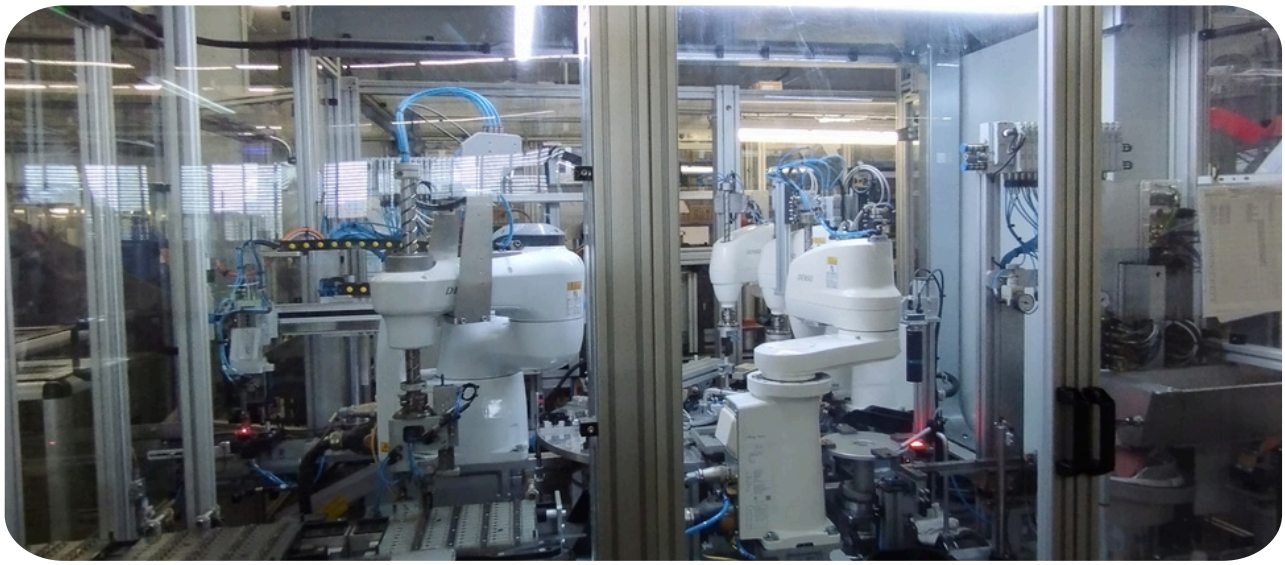
NOISE REDUCTION

New fan designs focus on reducing noise through aerodynamic advancements and sound insulation materials along ducts. Vibration isolation techniques, such as rubber mounts, minimize structure-borne noise and ensure quieter operation.



EFFICIENT FAN MOTORS

Today's systems feature energy-efficient motors like electronically commutated motors (ECMs) with variable speed control, optimizing energy use. This control adapts fan speed based on demand, allowing precise airflow and compatibility with energy-saving sensors.



SMART CONTROLS AND AUTOMATION

Advanced systems now include occupancy sensors and demand-based ventilation, adjusting airflow according to occupancy and indoor air quality.
These smart controls improve energy efficiency and provide targeted ventilation, reducing waste while maintaining optimal air quality.

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EC EXTERNAL ROTOR MOTORS - OVERVIEW

Cebi's electronically commutated (EC) fan motors are engineered to deliver optimal performance, energy efficiency, and reliability for a wide range of applications.

EC motors - Protections

- Locked rotor protection
- Motor current limit
- Line under/overvoltage detection
- Overload electronic protection
- Over temperature protection
- Special design for low audible and EMC noise



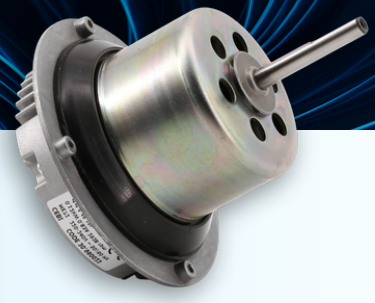
Key functions

Our EC fan motors deliver high efficiency, energy savings, and customizable airflow with precise speed control.

EC motors - Special features

- ErP compliance
- Output 10Vdc
- Tach output
- Soft start
- Electronic control based on a field oriented control FOC sensor less
- Handled Wind milling effect
- Control input 0-10 Vdc/PWM

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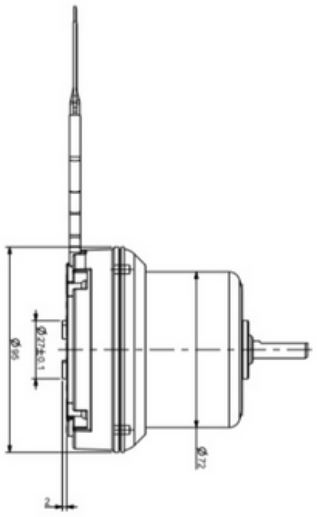


EC Motor With Extended Shaft

Project Code: P13562
Supply: 110-120 V
Type: MEC72
Impeller Type: No FAN + Shaft

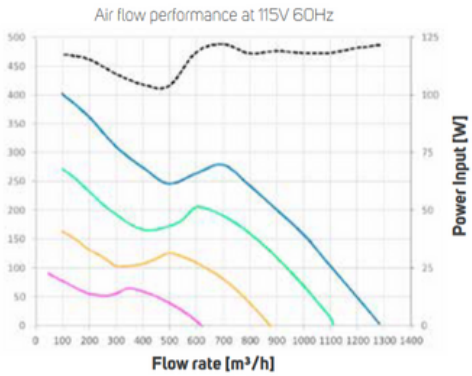
Nominal Data

Speed	[Rpm]	2970
Power input	[W]	122
Current draw	[A]	1.50
Max efficiency (stat A)	[%]	45.6
Efficiency grade (N)	[-]	-



Technical Features

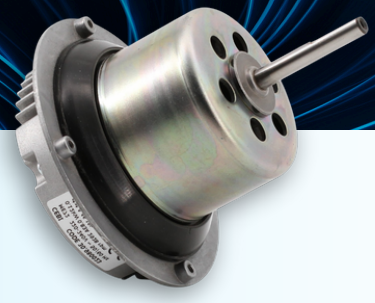
	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1284	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	--	
ERP compliant	Not relevant	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
115	60	3136	115	1.45	17.5	200	363	118	1.457
115	60	3136	115	1.42	37.2	600	264	353	1.060
115	60	2933	118	1.47	45.6	800	242	471	0.972
115	60	2970	122	1.50	0.0	1284	0	756	0.000

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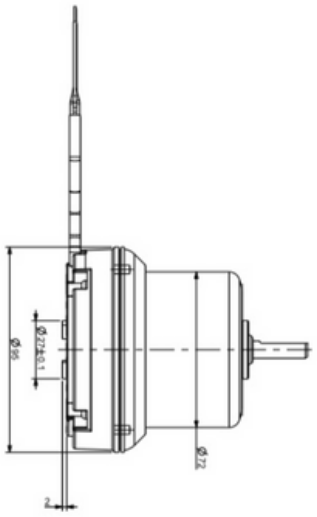


EC Motor With Extended Shaft

Project Code: P11954
Supply: 220-240 V
Type: ME72B
Impeller Type: No FAN + Shaft

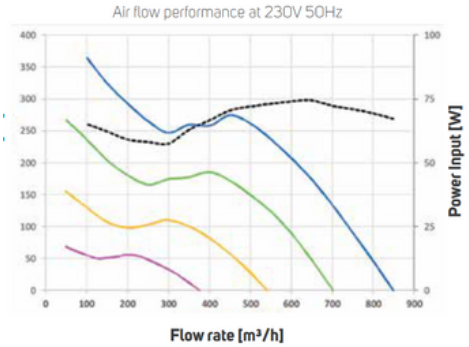
Nominal Data

Speed	[Rpm]	3727
Power input	[W]	72
Current draw	[A]	0.52
Max efficiency (stat A)	[%]	50.4
Efficiency grade (N)	[-]	-



Technical Features

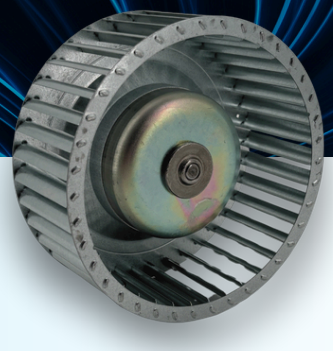
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	848	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	--	
ERP compliant	Not relevant	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3783	65	0.46	15.7	101	364	59	1.461
230	50	3802	58	0.42	35.8	300	247	177	0.992
230	50	3727	72	0.52	50.4	500	261	294	1.048
230	50	3753	67	0.48	0	848	0	499	0

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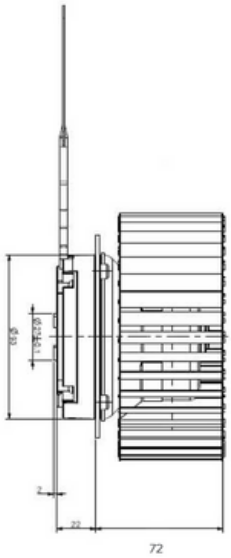


EC Motor Centrifugal Forward Curved Fan 140 x 59 38B

Project Code: P12025
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

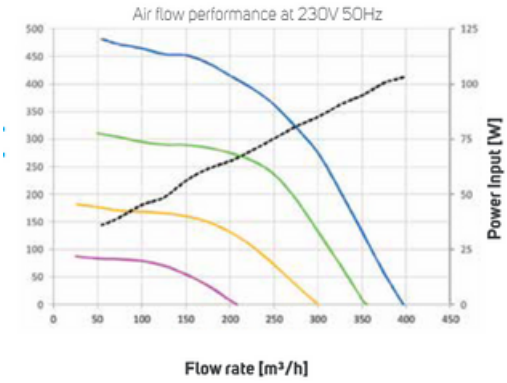
Nominal Data

Speed	[Rpm]	2930
Power input	[W]	130
Current draw	[A]	0.74
Max efficiency (stat A)	[%]	35.5
Efficiency grade (N)	[-]	49.3



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	397	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	ERP 2015	

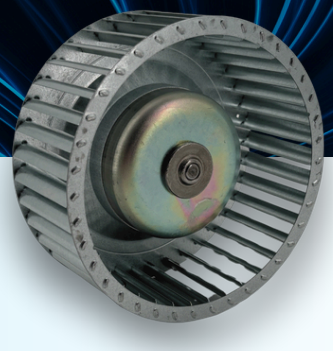


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3562	36	0.28	20.4	55	481	32	1.931
230	50	2474	65	0.48	35.5	201	414	118	1.662
230	50	3226	85	0.62	26.8	301	273	177	1.096
230	50	2930	103	0.74	0	397	0	234	0

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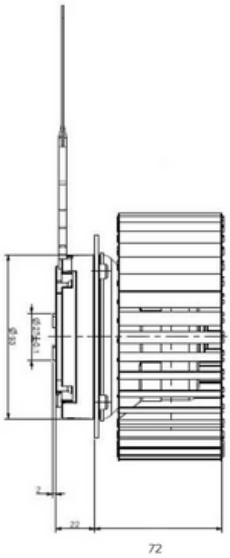
EC Motor Centrifugal Forward Curved Fan 140 x 59 38B



Project Code: P13528
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

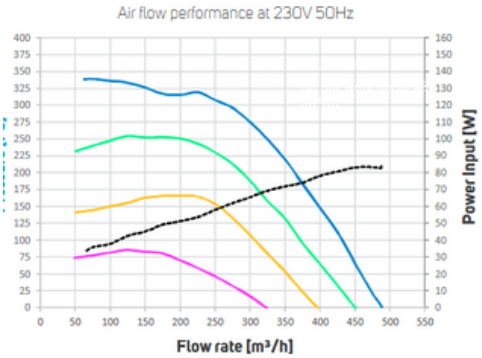
Nominal Data

Speed	[Rpm]	1917
Power input	[W]	84
Current draw	[A]	0.67
Max efficiency (stat A)	[%]	37.1
Efficiency grade (N)	[-]	51.5



Technical Features

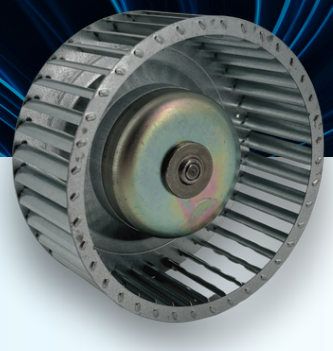
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	487	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2629	38	0.33	24.8	100	336	59	1.349
230	50	2441	54	0.45	37.1	225	319	132	1.281
230	50	2215	72	0.59	29.4	350	218	206	0.875
230	50	1917	84	0.67	0.0	487	0	287	0.000

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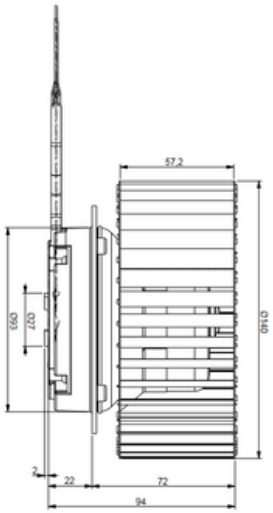


EC Motor Centrifugal Forward Curved Fan 140 x 59 38B

Project Code: P13415
Supply: 220-240 V, 50/60Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

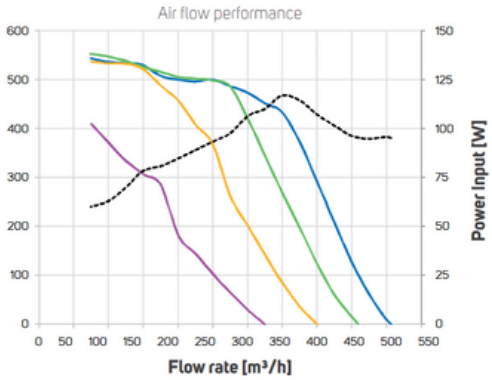
Nominal Data

Speed	[Rpm]	2918
Power input	[W]	115
Current draw	[A]	0.89
Max efficiency (stat A)	[%]	38.2
Efficiency grade (N)	[-]	50.7



Technical Features

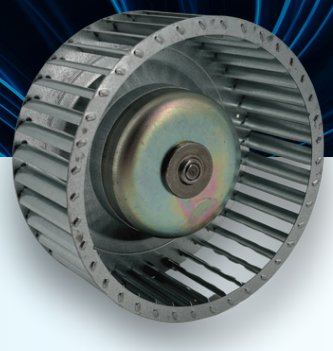
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	506	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3314	70	0.58	21.6	100	545	59	2.188
230	50	2983	107	0.84	38.2	300	491	177	1.971
230	50	2918	115	0.89	36.8	325	470	191	1.887
230	50	1956	91	0.73	0.0	506	0	298	0.000

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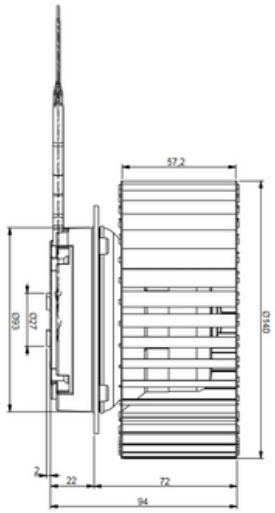


EC Motor Centrifugal Forward Curved Fan 146 x 62 48B

Project Code: P12193
Supply: 220-240 V, 50/60Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

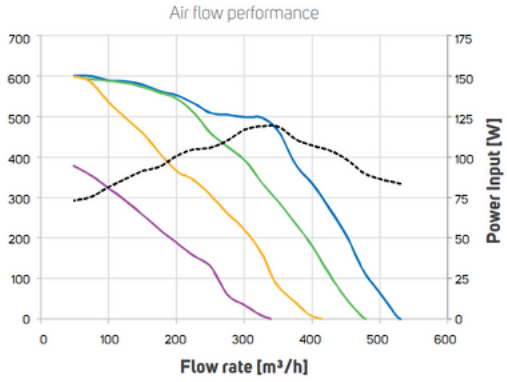
Nominal Data

Speed	[Rpm]	2730
Power input	[W]	119
Current draw	[A]	0.84
Max efficiency (stat A)	[%]	38.1
Efficiency grade (N)	[-]	50.3



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	533	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3265	73	0.54	11.4	50	601	29	2.413
230	50	3060	101	0.72	30.5	200	552	118	2.216
230	50	2730	119	0.84	38.1	350	465	206	1.867
230	50	1660	84	0.60	0.0	533	0	314	0.000

cebi Driven by your needs.

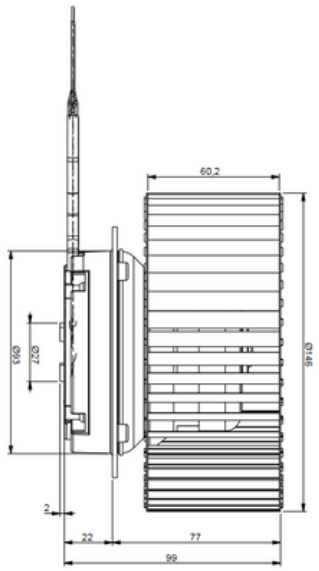


EC Motor Centrifugal Forward Curved Fan 146 x 62 48B

Project Code: P13367
Supply: 220-240 V, 50/60Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

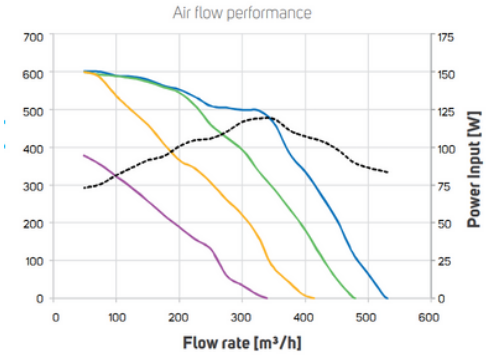
Nominal Data

Speed	[Rpm]	3216
Power input	[W]	156
Current draw	[A]	1.21
Max efficiency (stat A)	[%]	41.3
Efficiency grade (N)	[-]	52.8



Technical Features

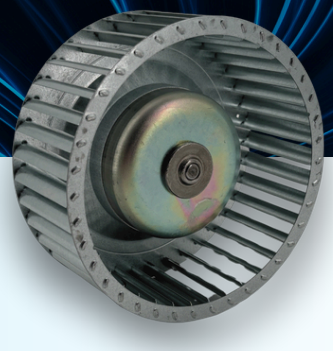
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	533	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3265	73	0.54	11.4	50	601	29	2.413
230	50	3060	101	0.72	30.5	200	552	118	2.216
230	50	2730	119	0.84	38.1	350	465	206	1.867
230	50	1660	84	0.60	0.0	533	0	314	0.000

cebi Driven by your needs.

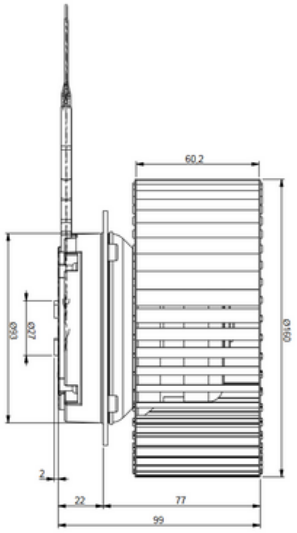


EC Motor Centrifugal Forward Curved Fan 160 x 62 48B

Project Code: P13261
Supply: 220-240 V, 50/60Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

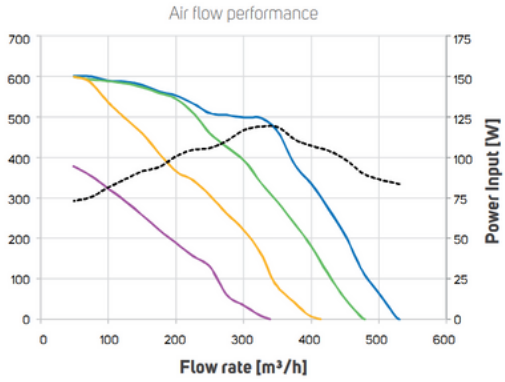
Nominal Data

Speed	[Rpm]	2730
Power input	[W]	119
Current draw	[A]	0.84
Max efficiency (stat A)	[%]	38.1
Efficiency grade (N)	[-]	50.3



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	533	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3265	73	0.54	11.4	50	601	29	2.413
230	50	3060	101	0.72	30.5	200	552	118	2.216
230	50	2730	119	0.84	38.1	350	465	206	1.867
230	50	1660	84	0.60	0.0	533	0	314	0.000

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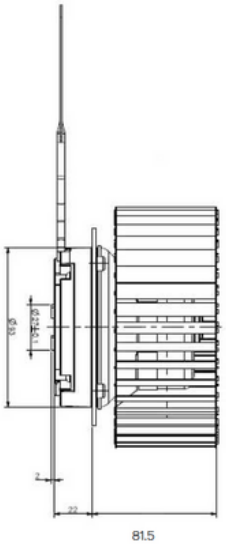
EC Motor Centrifugal Forward Curved Fan 180 x 62 38B



Project Code: P12784
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

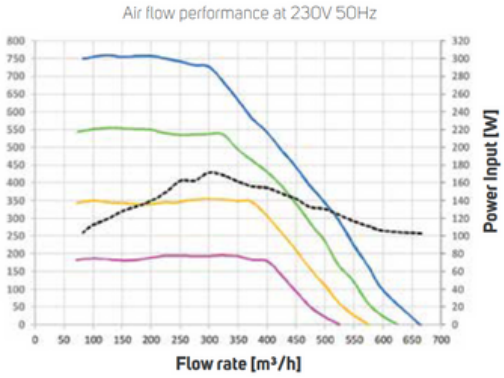
Nominal Data

Speed	[Rpm]	2798
Power input	[W]	171
Current draw	[A]	1.21
Max efficiency (stat A)	[%]	39.2
Efficiency grade (N)	[-]	50.7



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	666	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2823	112	0.79	18.7	100	754	59	3.027
230	50	2798	171	1.21	35.5	300	730	177	2.931
230	50	2251	148	1.04	39.2	425	490	250	1.967
230	50	1356	103	0.83	0	666	0	392	0

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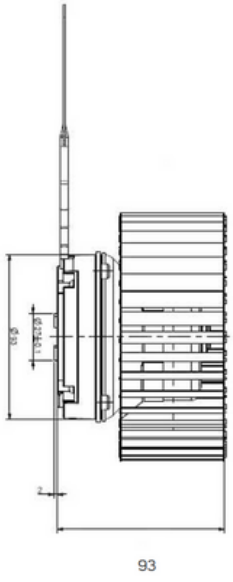


EC Motor Centrifugal Forward Curved Fan 200 x 62 38B

Project Code: P13240
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

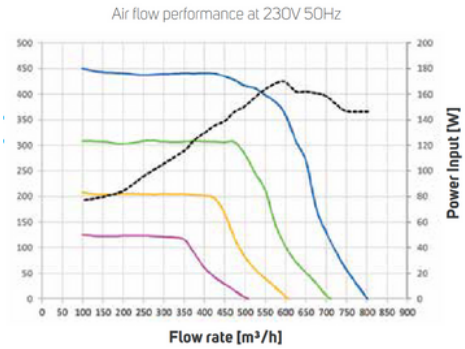
Nominal Data

Speed	[Rpm]	1926
Power input	[W]	170
Current draw	[A]	1.23
Max efficiency (stat A)	[%]	39.2
Efficiency grade (N)	[-]	50.9



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	800	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2061	85	0.68	29.0	200	441	118	1.771
230	50	2040	139	1.03	39.2	450	435	265	1.746
230	50	1926	170	1.23	35.6	600	362	353	1.453
230	50	1452	146	1.08	0	800	0	471	0.000

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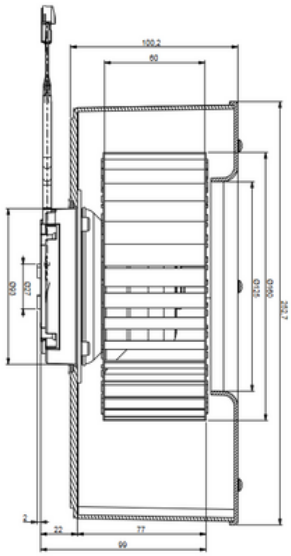


EC Motor Centrifugal Forward Curved Fan 160 x 62 38B

Project Code: P13038
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet + scroll

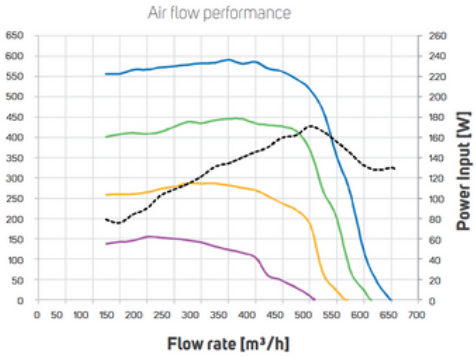
Nominal Data

Speed	[Rpm]	2585
Power input	[W]	164
Current draw	[A]	1.19
Max efficiency (stat A)	[%]	46.0
Efficiency grade (N)	[-]	57.5



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	656	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2836	67	0.53	23.0	100	557	59	2.236
230	50	2759	146	1.05	44.7	400	586	235	2.353
230	50	2627	171	1.22	42.2	500	519	294	2.084
230	50	1778	129	0.96	0.0	656	0	386	0.000

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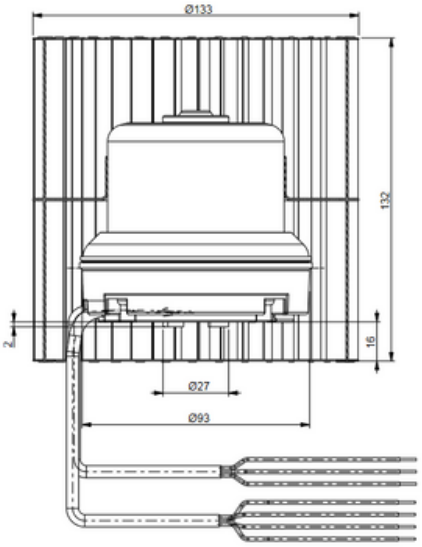


EC Motor Centrifugal Forward Curved Fan 133 x 132 36B

Project Code: P12844
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade double inlet

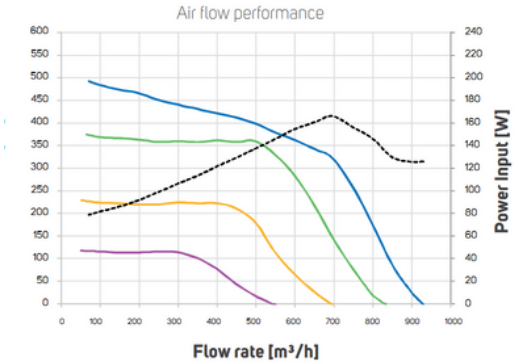
Nominal Data

Speed	[Rpm]	2666
Power input	[W]	166
Current draw	[A]	1.21
Max efficiency (stat A)	[%]	40.1
Efficiency grade (N)	[-]	51.9



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	929	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Counterclockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3166	82	0.65	16.5	100	485	59	1.947
230	50	2886	138	1.04	40.1	500	398	294	1.598
230	50	2666	166	1.21	37.7	700	322	412	1.293
230	50	1774	126	0.97	0.0	929	0	547	0.000

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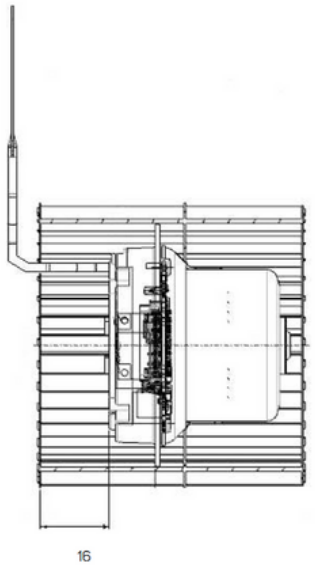


EC Motor Centrifugal Forward Curved Fan 133 x 132 36B

Project Code: P13014
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade double inlet

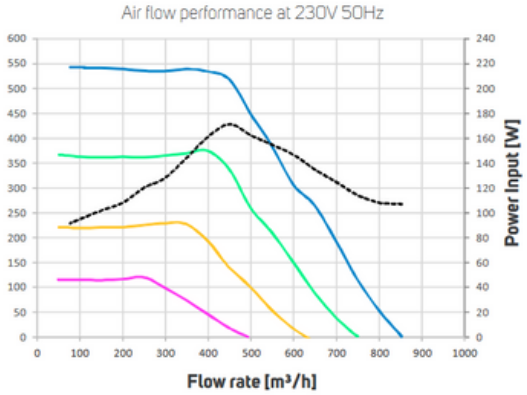
Nominal Data

Speed	[Rpm]	3012
Power input	[W]	162
Current draw	[A]	1.16
Max efficiency (stat A)	[%]	38.3
Efficiency grade (N)	[-]	49.6



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	852	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Counterclockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3316	95	0.73	15.9	100	542	59	2.176
230	50	3012	162	1.16	38.3	500	447	294	1.795
230	50	2215	125	0.92	30.2	700	194	412	0.779
230	50	1630	197	0.79	0.0	852	0	501	0.000

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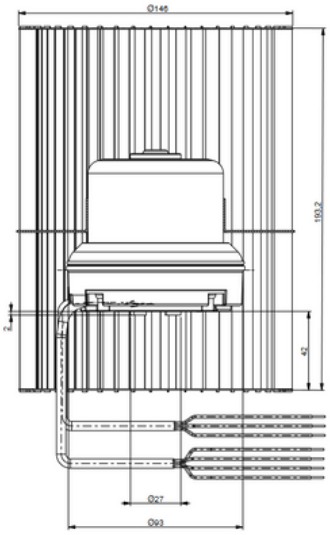


EC Motor Centrifugal Forward Curved Fan 146 x 194 48B

Project Code: P12754
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade double inlet

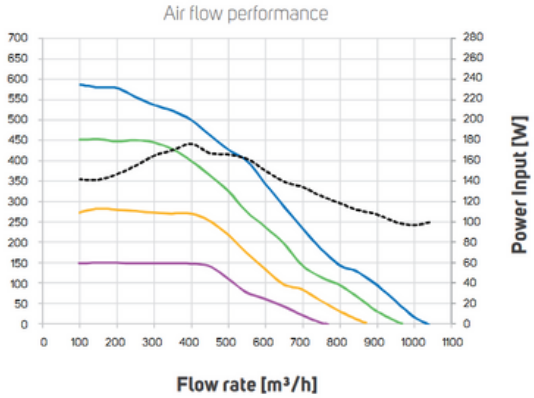
Nominal Data

Speed	[Rpm]	2802
Power input	[W]	176
Current draw	[A]	1.31
Max efficiency (stat A)	[%]	38.1
Efficiency grade (N)	[-]	49.6



Technical Features

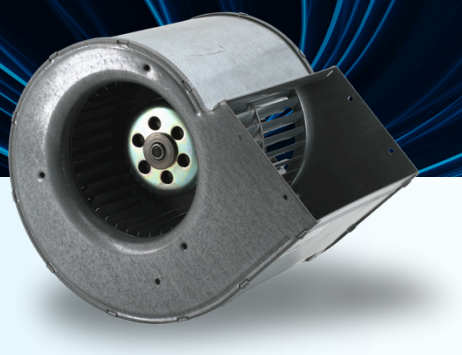
	[°C]	[°F]
Max. operating temperature	45	113
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1040	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Counterclockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2955	147	1.08	21.9	200	578	118	2.321
230	50	2802	176	1.31	31.4	400	499	235	2.003
230	50	2330	150	1.11	38.1	600	343	353	1.377
230	50	1190	100	0.77	0.0	1040	0	612	0.000

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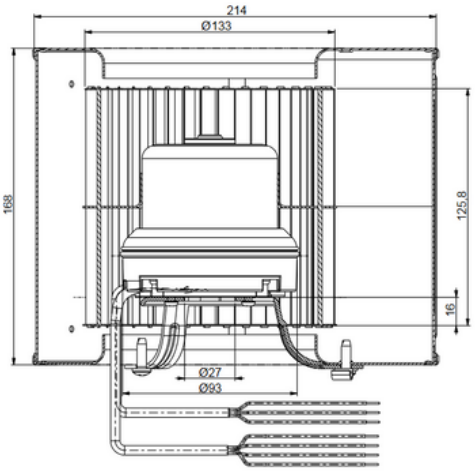


EC Motor Centrifugal Forward Curved Fan 133 x 126 36B

Project Code: P13736
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll

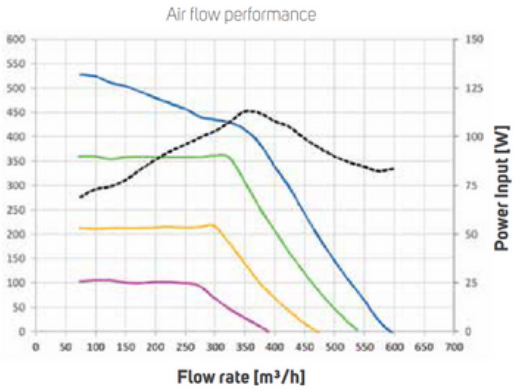
Nominal Data

Speed	[Rpm]	2907
Power input	[W]	111
Current draw	[A]	0.80
Max efficiency (stat A)	[%]	35.3
Efficiency grade (N)	[-]	47.7



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	600	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3453	64	0.46	21.3	100	489	59	1.963
230	50	3192	101	0.72	35.0	300	422	177	1.694
230	50	2907	111	0.80	35.3	400	351	235	1.409
230	50	1740	84	0.60	0.0	600	0	353	0.000

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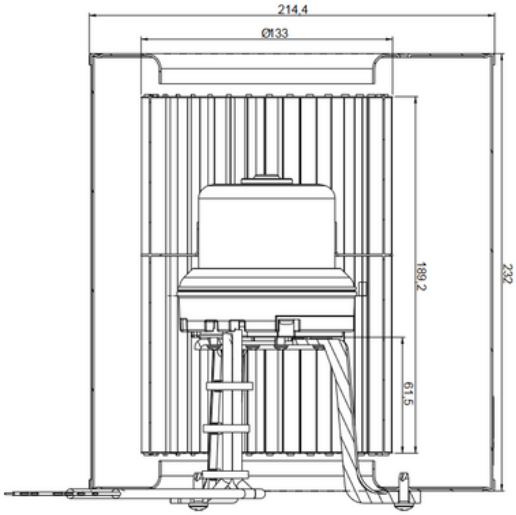


EC Motor Centrifugal Forward Curved Fan 133 x 190 36B

Project Code: P12375
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll

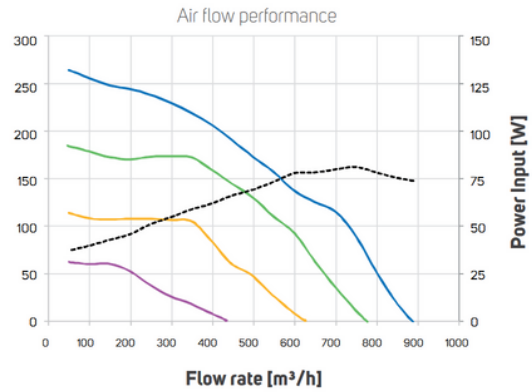
Nominal Data

Speed	[Rpm]	1588
Power input	[W]	81
Current draw	[A]	0.57
Max efficiency (stat A)	[%]	36.9
Efficiency grade (N)	[-]	50.8



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	888	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2212	40	0.29	17.9	100	256	59	1.028
230	50	2050	62	0.45	36.9	400	206	235	0.827
230	50	1588	81	0.57	22.6	750	88	441	0.353
230	50	1250	74	0.54	0.0	888	0	523	0.000

cebi Driven by your needs.

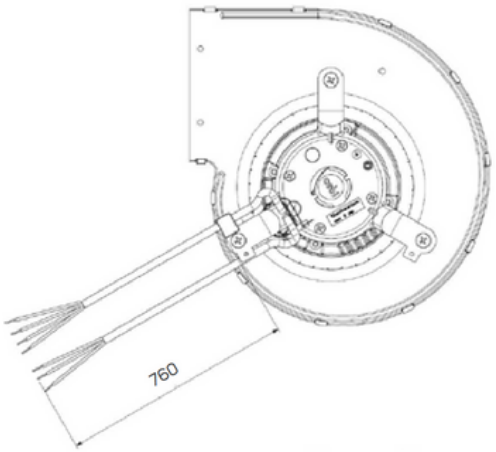


EC Motor Centrifugal Forward Curved Fan 133 x 190 36B

Project Code: P13092
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll

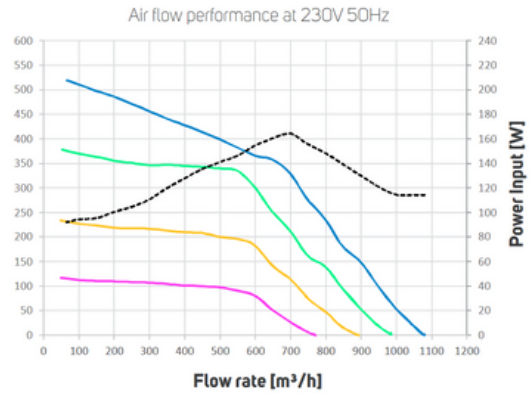
Nominal Data

Speed	[Rpm]	2705
Power input	[W]	160
Current draw	[A]	1.16
Max efficiency (stat A)	[%]	49.4
Efficiency grade (N)	[-]	51.8



Technical Features

	[°C]	[°F]
Max. operating temperature	45	113
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1079	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	ERP 2015	

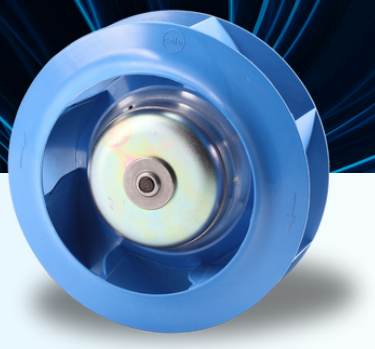


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3055	101	0.76	26.9	200	487	118	1.955
230	50	2705	160	1.16	40.4	650	359	383	1.441
230	50	2328	148	1.09	35.2	800	235	471	0.943
230	50	1546	15	0.86	0.0	1079	0	635	0.000

cebi Driven by your needs.

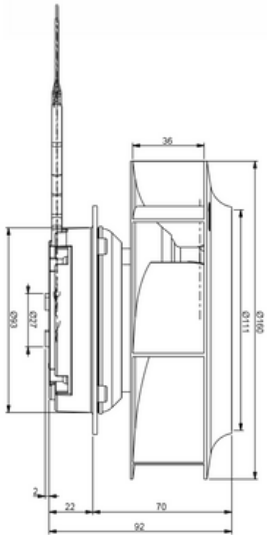
EC Motor Centrifugal Backward Curved Fan 160 x 36 7B



Project Code: P12988
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

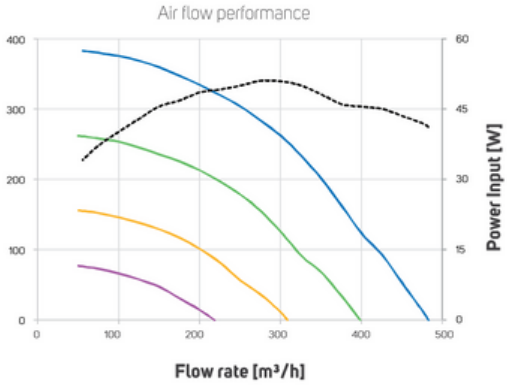
Nominal Data

Speed	[Rpm]	3648
Power input	[W]	51
Current draw	[A]	0.39
Max efficiency (stat A)	[%]	43.0
Efficiency grade (N)	[-]	67.1



Technical Features

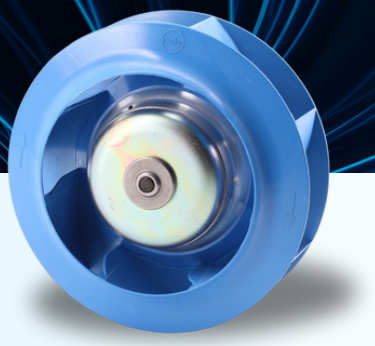
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	483	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3653	34	0.28	17.5	56	383	33	1.538
230	50	3647	49	0.38	38.4	201	334	118	1.341
230	50	3648	51	0.39	43.0	301	262	177	1.052
230	50	3646	41	0.33	0.0	483	0	284	0.000

cebi Driven by your needs.

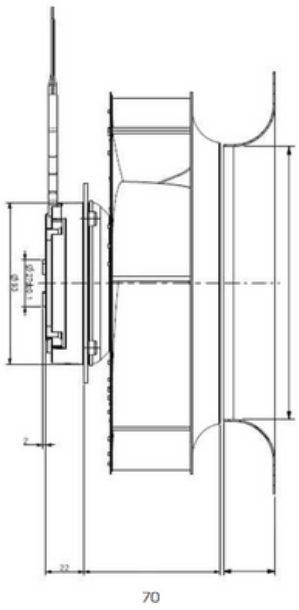


EC Motor Centrifugal Backward Curved Fan 160 x 36 7B

Project Code: P13199
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

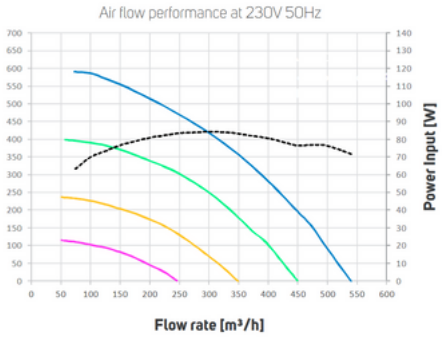
Nominal Data

Speed	[Rpm]	4388
Power input	[W]	84
Current draw	[A]	0.64
Max efficiency (stat A)	[%]	41.7
Efficiency grade (N)	[-]	63.5



Technical Features

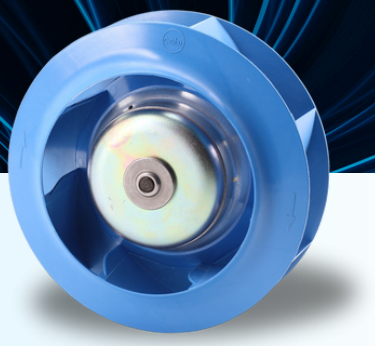
	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	540	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	4529	70	0.54	23.4	100	586	59	2.353
230	50	4388	84	0.64	41.2	300	417	177	1.674
230	50	4394	83	0.63	41.7	350	356	206	1.429
230	50	4487	72	0.55	0.0	540	0	318	0.000

cebi Driven by your needs.

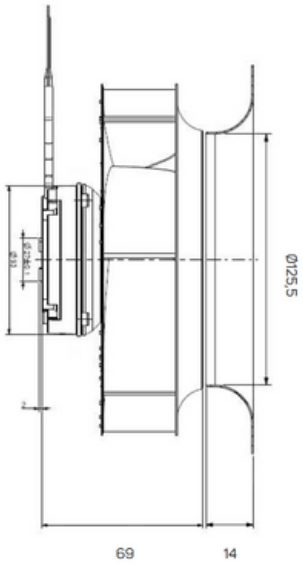


EC Motor Centrifugal Backward Curved Fan 190 x 40

Project Code: P13588
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

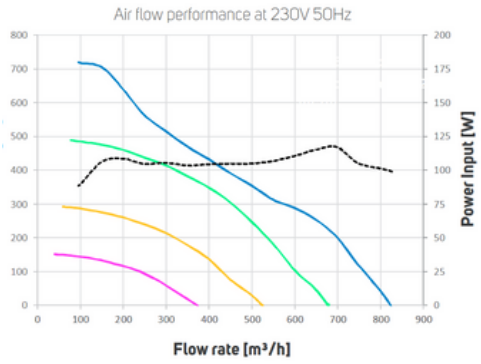
Nominal Data

Speed	[Rpm]	3960
Power input	[W]	117
Current draw	[A]	0.89
Max efficiency (stat A)	[%]	46.8
Efficiency grade (N)	[-]	67.6



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	827	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	4007	90	0.73	22.2	100	717	59	2.879
230	50	3594	105	0.82	46.8	500	354	294	1.421
230	50	3960	117	0.89	33.5	700	202	412	0.811
230	50	3988	99	0.78	0.0	827	0	487	0.000

cebi Driven by your needs.

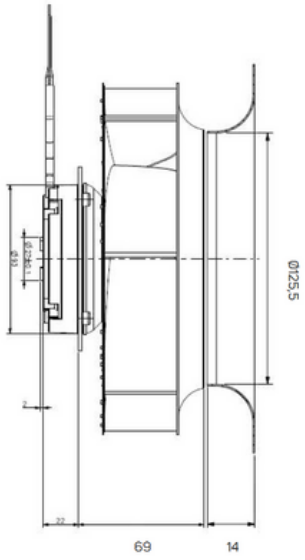


EC Motor Centrifugal Backward Curved Fan 190 x 40

Project Code: P13567
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

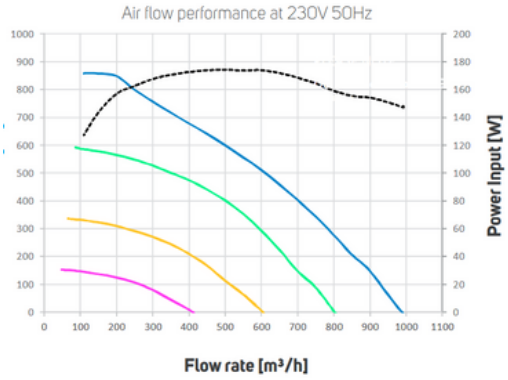
Nominal Data

Speed	[Rpm]	4293
Power input	[W]	175
Current draw	[A]	1.31
Max efficiency (stat A)	[%]	48.9
Efficiency grade (N)	[-]	67.4



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	991	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	

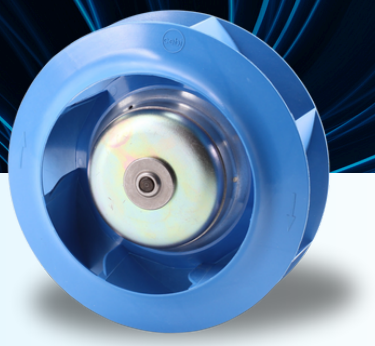


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	4537	157	1.12	30.1	200	849	118	3.409
230	50	4293	175	1.31	47.6	500	600	294	2.409
230	50	4298	174	1.30	48.9	600	512	353	2.056
230	50	4597	148	1.13	0.0	991	0	583	0.000

cebi Driven by your needs.

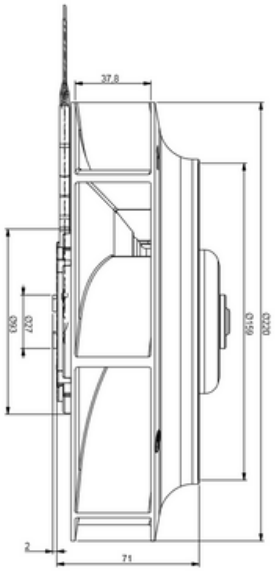
EC Motor Centrifugal Backward Curved Fan 220 x 40 7B



Project Code: P12923
Supply: 220-240 V, 50/60 Hz
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

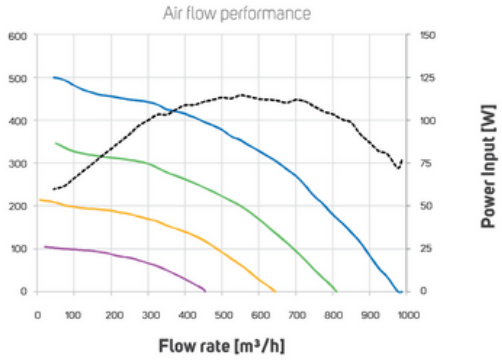
Nominal Data

Speed	[Rpm]	2885
Power input	[W]	111
Current draw	[A]	0.81
Max efficiency (stat A)	[%]	49.1
Efficiency grade (N)	[-]	69.4



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	986	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	Yes	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2913	60	0.46	10.7	46	500	27	2.007
230	50	2889	111	0.82	44.8	451	397	265	1.594
230	50	2885	111	0.81	49.1	650	302	383	1.212
230	50	2908	76	0.57	0.0	986	0	580	0.000

cebi Driven by your needs.

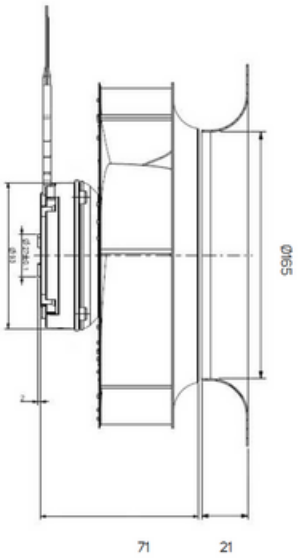


EC Motor Centrifugal Backward Curved Fan 220 x 40 7B

Project Code: P13590
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

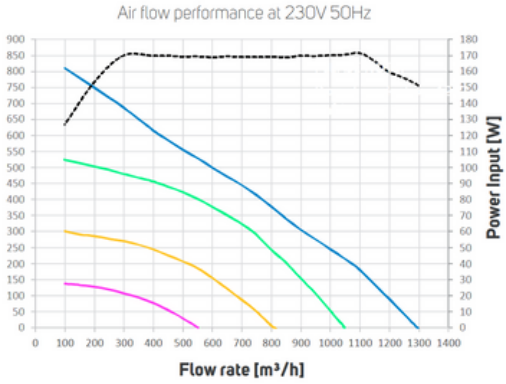
Nominal Data

Speed	[Rpm]	3603
Power input	[W]	171
Current draw	[A]	1.30
Max efficiency (stat A)	[%]	51.4
Efficiency grade (N)	[-]	70.0



Technical Features

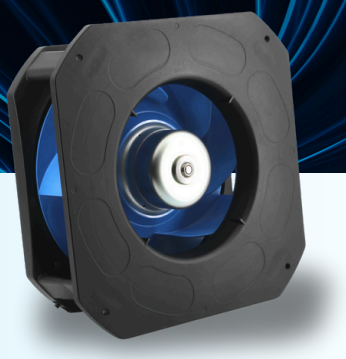
	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1297	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3773	153	1.18	27.1	200	748	118	3.003
230	50	3409	169	1.28	51.4	750	417	441	1.674
230	50	3603	171	1.30	32.4	1100	182	647	0.731
230	50	3778	151	1.16	0.0	1297	0	763	0.000

cebi Driven by your needs.

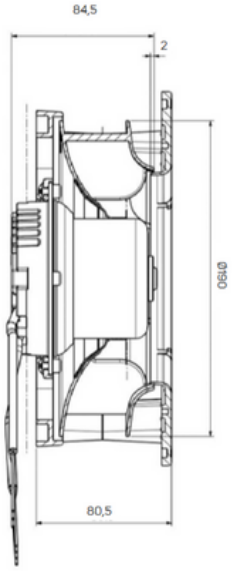


EC Motor Centrifugal S-QUBE
190 x 40 Backward Curved Impeller

Project Code: P13175
Supply: 220-240 V
Type: ME72
Impeller Type: S-Qube 190

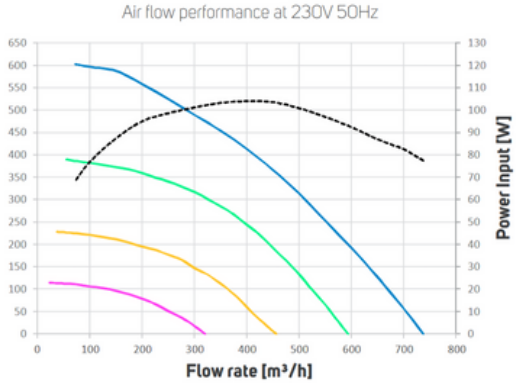
Nominal Data

Speed	[Rpm]	3460
Power input	[W]	104
Current draw	[A]	0.78
Max efficiency (stat A)	[%]	44.2
Efficiency grade (N)	[-]	56.8



Technical Features

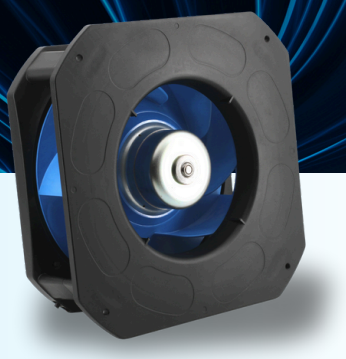
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	737	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3632	77	0.59	21.6	100	597	59	2.397
230	50	3460	104	0.78	44.2	401	413	236	1.658
230	50	3496	92	0.69	34.5	601	191	354	0.767
230	50	3623	77	0.59	0.0	737	0	434	0.000

cebi Driven by your needs.

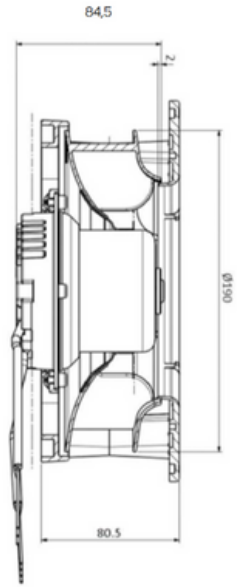


EC Motor S-QUBE 190 x 40

Project Code: P13699
Supply: 220-240 V
Type: ME72C
Impeller Type: S-Qube 190

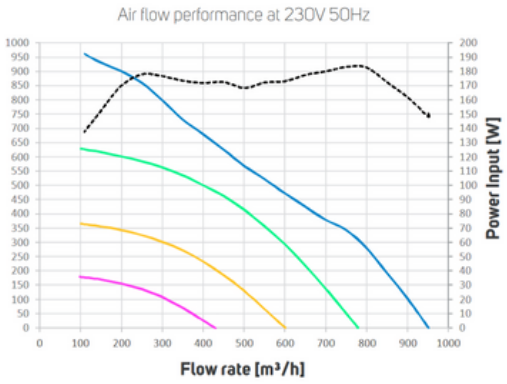
Nominal Data

Speed	[Rpm]	4543
Power input	[W]	183
Current draw	[A]	1.39
Max efficiency (stat A)	[%]	46.8
Efficiency grade (N)	[-]	58.0



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	950	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	

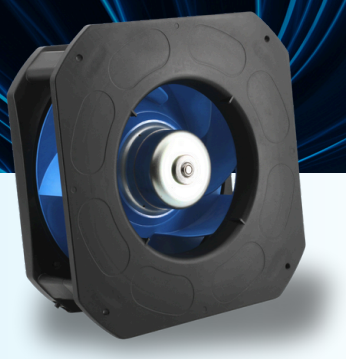


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	4582	170	1.28	28.2	200	860	118	3.453
230	50	4159	168	1.27	46.8	500	567	294	2.276
230	50	4543	183	1.39	39.0	750	343	441	1.377
230	50	4589	151	1.15	0.0	950	0	559	0.000

cebi Driven by your needs.

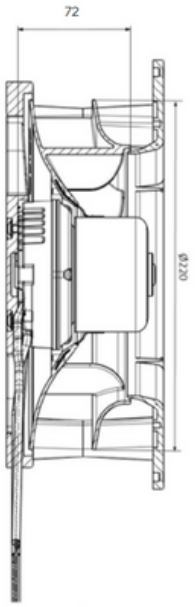
EC Motor S-QUBE 220 x 40



Project Code: P13513
Supply: 220-240 V
Type: ME72
Impeller Type: S-Qube 220

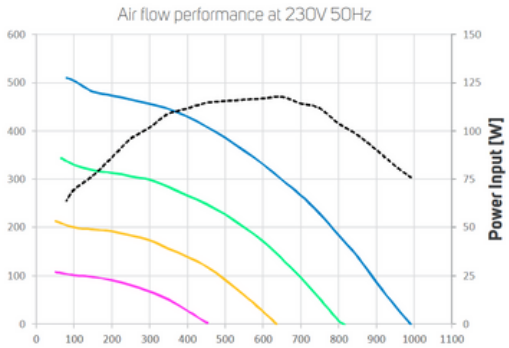
Nominal Data

Speed	[Rpm]	2878
Power input	[W]	118
Current draw	[A]	0.91
Max efficiency (stat A)	[%]	47.0
Efficiency grade (N)	[-]	58.0



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	990	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	

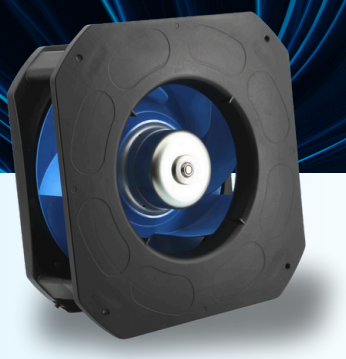


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2920	70	0.58	20.1	100	503	59	2.019
230	50	2881	117	0.90	47.0	600	330	353	1.325
230	50	2878	118	0.91	45.7	650	298	383	1.196
230	50	2918	76	0.62	0.0	990	0	583	0.000

cebi Driven by your needs.

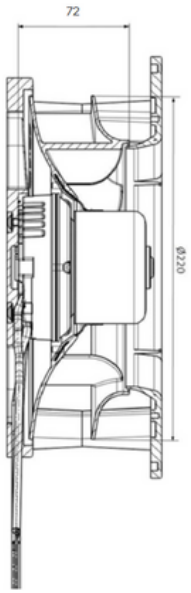
EC Motor S-QUBE 220 x 40



Project Code: P13500
Supply: 220-240 V
Type: ME72
Impeller Type: S-Qube 220

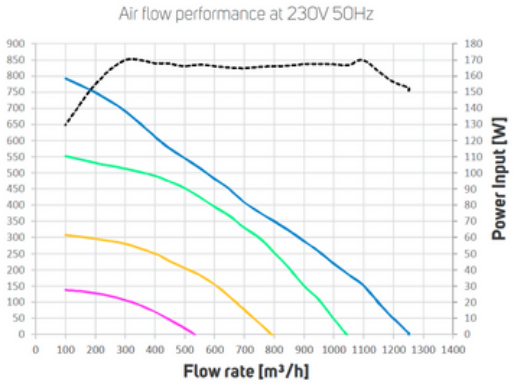
Nominal Data

Speed	[Rpm]	3595
Power input	[W]	170
Current draw	[A]	1.22
Max efficiency (stat A)	[%]	49.3
Efficiency grade (N)	[-]	60.5



Technical Features

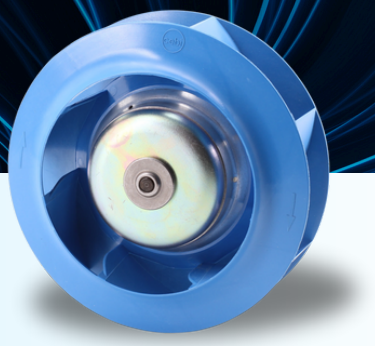
	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1253	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3718	155	1.15	26.8	200	748	118	3.003
230	50	3319	165	1.20	49.3	650	451	383	1.811
230	50	3595	170	1.22	27.7	1100	154	647	0.618
230	50	3722	151	1.08	0.0	1253	0	737	0.000

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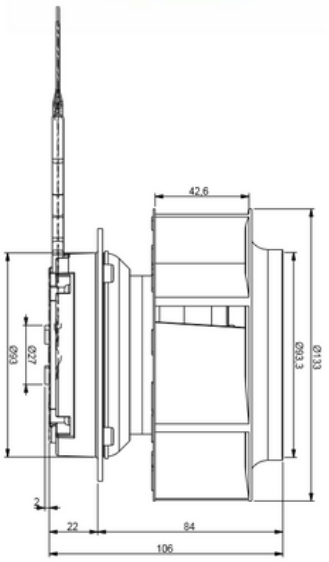


EC Motor Centrifugal Backward Curved Fan 133 x 40 7B impeller

Project Code: P12990
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

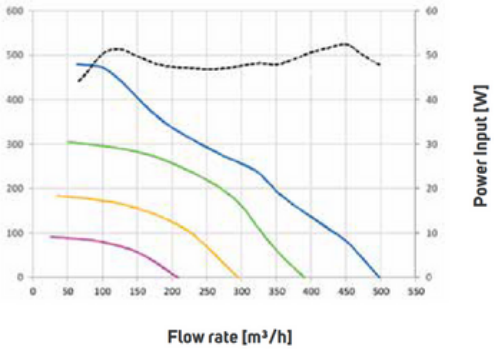
Nominal Data

Speed	[Rpm]	4937
Power input	[W]	53
Current draw	[A]	0.41
Max efficiency (stat A)	[%]	44.7
Efficiency grade (N)	[-]	69.1



Technical Features

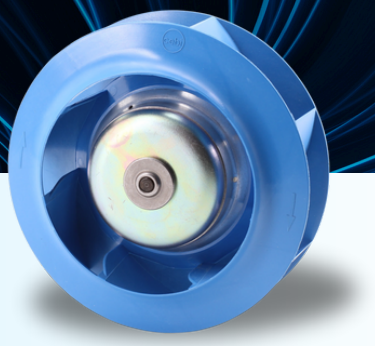
	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	498	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	4978	46	0.36	22.0	76	478	45	1.919
230	50	4421	48	0.37	44.7	300	256	177	1.028
230	50	4937	53	0.41	19.3	451	81	265	0.325
230	50	4986	48	0.37	0.0	498	0	293	0.000

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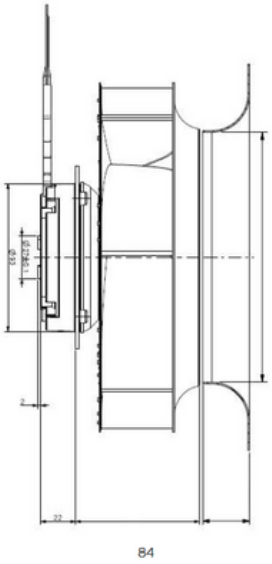


EC Motor Centrifugal Backward Curved Fan 133 x 40 7B impeller

Project Code: P13437
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet + scroll

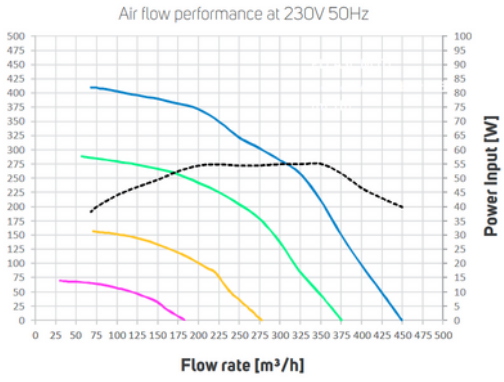
Nominal Data

Speed	[Rpm]	4567
Power input	[W]	55
Current draw	[A]	0.45
Max efficiency (stat A)	[%]	42.6
Efficiency grade (N)	[-]	66.3



Technical Features

	[°C]	[°F]
Max. operating temperature	60	140
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	450	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	4613	44	0.37	25.3	100	402	59	1.614
230	50	4616	54	0.46	37.8	200	371	118	1.489
230	50	4567	55	0.45	42.6	300	281	117	1.128
230	50	4622	40	0.35	0.0	450	0	265	0.000

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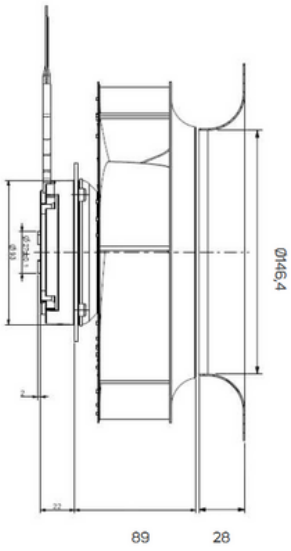
EC Motor Centrifugal Backward Curved Fan 225 x 55 7B



Project Code: P13505
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

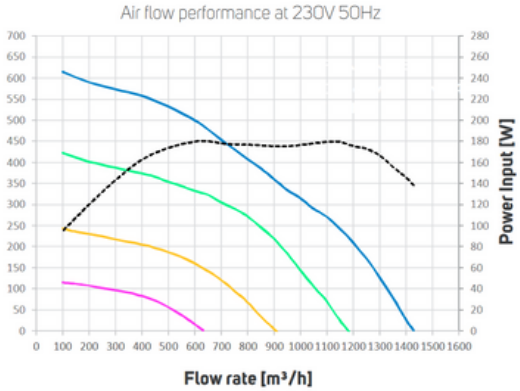
Nominal Data

Speed	[Rpm]	3038
Power input	[W]	180
Current draw	[A]	1.38
Max efficiency (stat A)	[%]	51.6
Efficiency grade (N)	[-]	70.0



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1426	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3113	120	0.98	27.3	200	590	118	2.369
230	50	3038	180	1.38	47.9	650	478	383	1.919
230	50	2969	176	1.35	51.6	850	385	500	1.546
230	50	3118	138	1.10	0.0	1426	0	839	0.000

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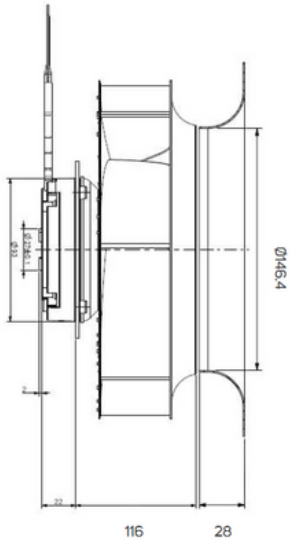
EC Motor Centrifugal Backward Curved Fan 225 x 63 7B



Project Code: P12752
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

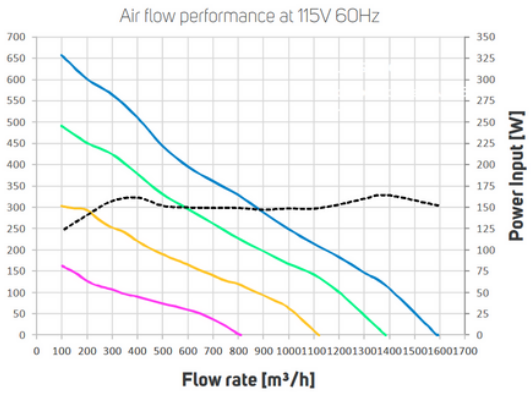
Nominal Data

Speed	[Rpm]	2964
Power input	[W]	164
Current draw	[A]	1.16
Max efficiency (stat A)	[%]	49.0
Efficiency grade (N)	[-]	68.2



Technical Features

	[°C]	[°F]
Max. operating temperature	45	113
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1588	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	3171	141	1.04	23.7	200	601	118	2.413
230	50	2670	149	1.08	49.0	800	329	471	1.321
230	50	2964	164	1.16	26.7	1393	113	820	0.454
230	50	3087	152	1.09	0.0	1588	0	935	0.000

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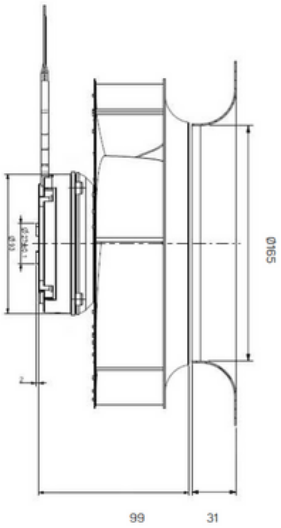
EC Motor Centrifugal Backward Curved Fan 250 x 50 7B



Project Code: P13554
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

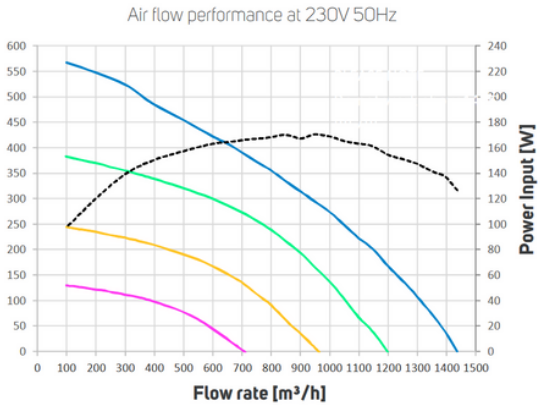
Nominal Data

Speed	[Rpm]	2600
Power input	[W]	170
Current draw	[A]	1.27
Max efficiency (stat A)	[%]	46.9
Efficiency grade (N)	[-]	65.5



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1436	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2789	97	0.80	16.2	100	567	95	2.276
230	50	2594	167	1.25	46.9	900	313	530	1.257
230	50	2600	170	1.27	45.7	950	295	559	1.184
230	50	2765	127	0.99	0.0	1436	0	845	0.000

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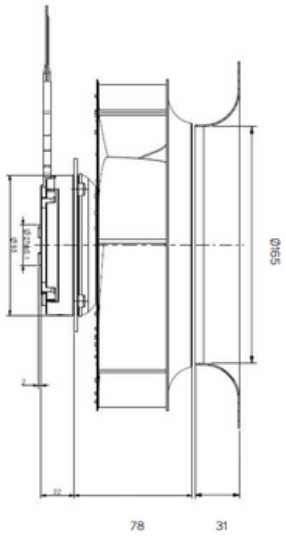
EC Motor Centrifugal Backward Curved Fan 250 x 50 7B



Project Code: P12541
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Backward Curved Blade single inlet

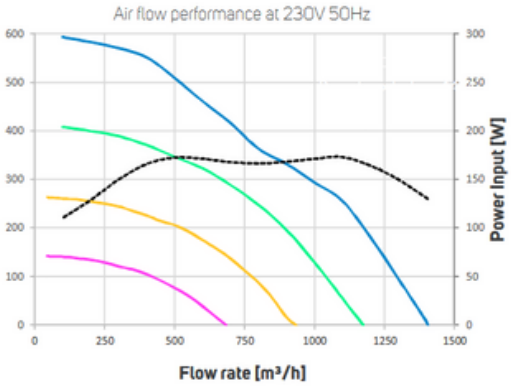
Nominal Data

Speed	[Rpm]	2679
Power input	[W]	171
Current draw	[A]	1.25
Max efficiency (stat A)	[%]	49.2
Efficiency grade (N)	[-]	67.8



Technical Features

	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	1404	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Plastic	
ERP compliant	ERP 2015	

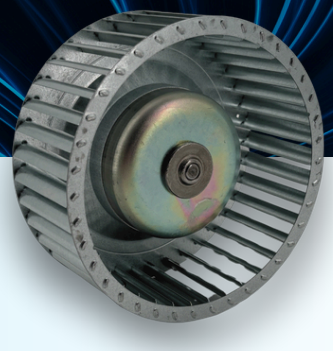


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2807	110	0.88	14.9	100	593	59	2.381
230	50	2679	171	1.25	44.9	600	461	353	1.851
230	50	2628	168	1.26	49.2	900	331	530	1.329
230	50	2791	130	0.98	0.0	1404	0	826	0.000

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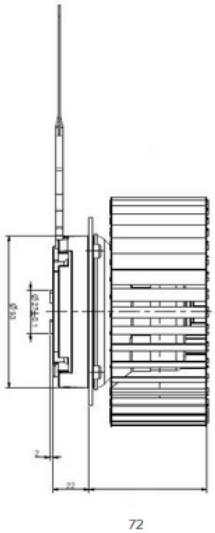
EC Motor Centrifugal Forward Curved Fan 120 x 62 34B



Project Code: P13420
Supply: 220-240 V
Type: ME72
Impeller Type: Centrifugal Forward Curved Blade single inlet

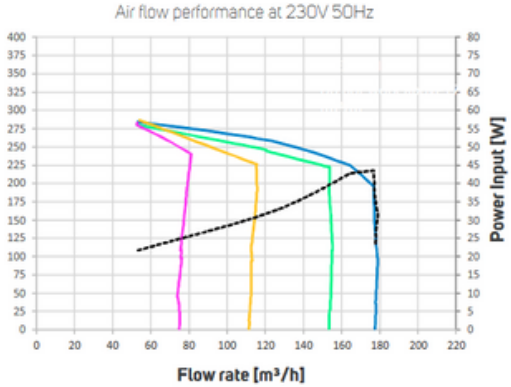
Nominal Data

Speed	[Rpm]	2891
Power input	[W]	45
Current draw	[A]	0.38
Max efficiency (stat A)	[%]	27.4
Efficiency grade (N)	[-]	43.1



Technical Features

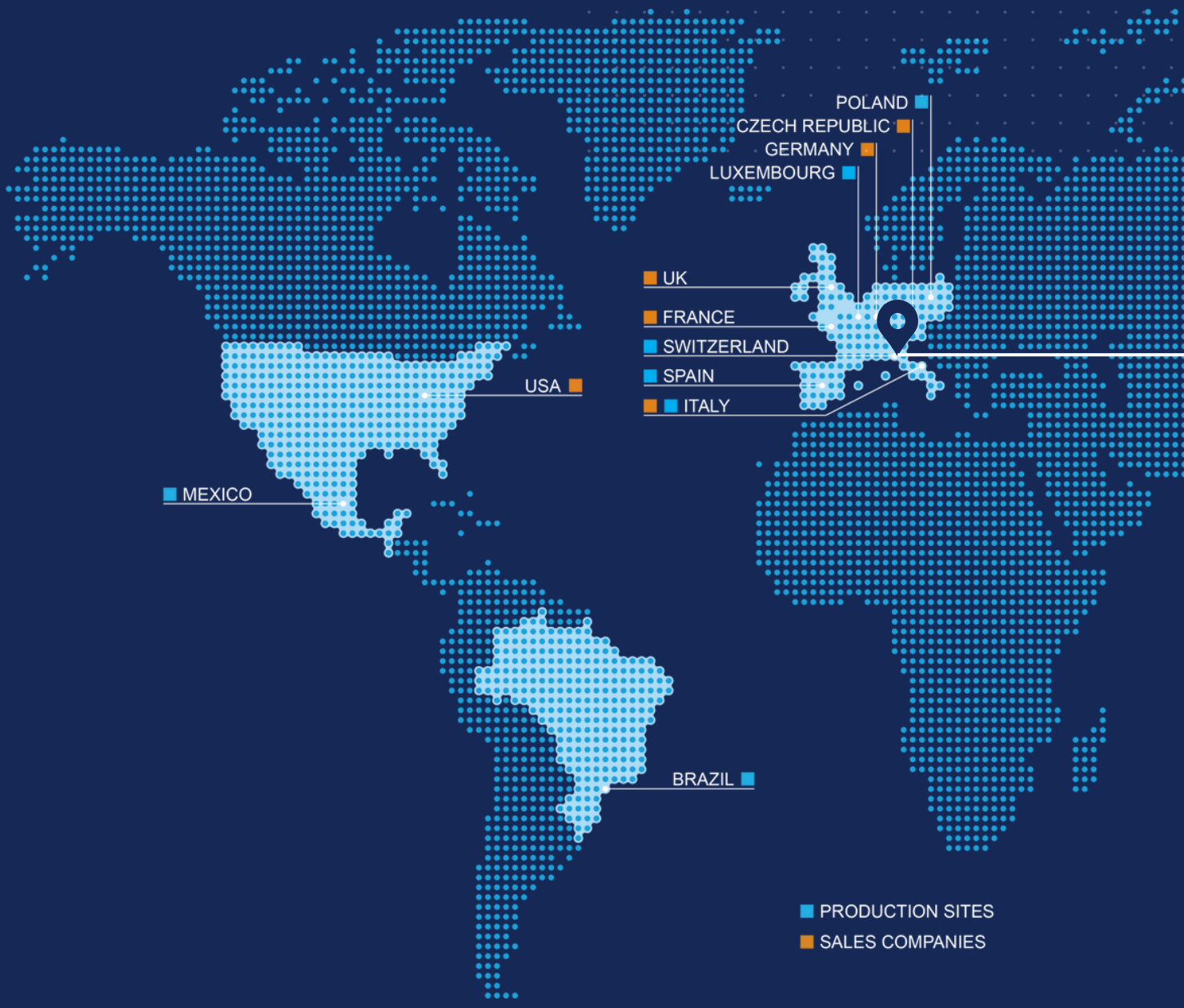
	[°C]	[°F]
Max. operating temperature	50	122
Min. operating temperature	-30	-22
Air flow @ 0 PA [m3/h]	178	
Insulation class	F	
Protection level	IP54	
Rotation (seen on rotor side)	Clockwise	
Mounting position	Vertical /Horizontal Shaft	
Impeller material	Metal	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2921	22	0.20	19.3	53	284	31	1.140
230	50	2929	32	0.28	27.4	123	258	236	1.036
230	50	2891	45	0.38	22.4	177	205	254	0.823
230	50	2016	24	0.22	0.0	178	0	434	0.000

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