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AC FAN MOTORS

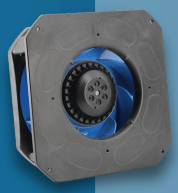


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Index

Who We Are	4
4 Reasons Why Innovating with Us	6
Partnering for a Greener Future	8
Cebi's Expertise and Technology in AC Motors	10
Meeting Our Customers' Needs: Addressing Today's Challenges	12
Cebi AC External rotor motors - Overview	14
AC Fan Motors with Forward Curved Blade Impellers	15
AC Fan Motors Double Inlet	21
AC Fan Motors Double Inlet with Housing	22
AC Fan Motors with Backward Curved Blade Plastic Impeller	26
AC Fan Motors with Backward Curved Blade Plastic Impeller Zephyros	34
AC Fan Motors with Backward Curved Blade Metal Impellers	37
AC Fan Motors in S-QUBE module Zephyros	42
AC Fan Motors with Axial Impeller	45
AC Pellet Stove Fan Motors	49
Contact Us	51





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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 AC motors, proprietary technology, and vertically integrated processes ensure full control at every stage.

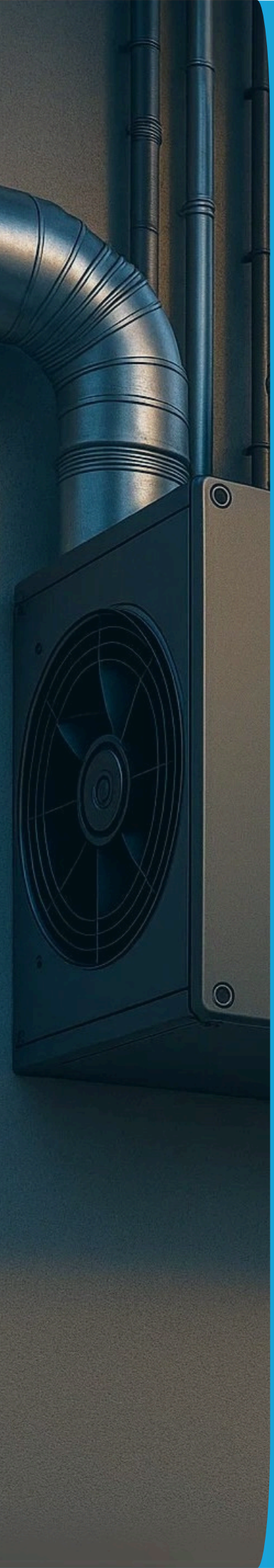
With flexible production capabilities, we adapt quickly to evolving market demands. Our focus on customization allows us to meet specific customer requirements, driving efficiency, reliability, and long-term value.

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.

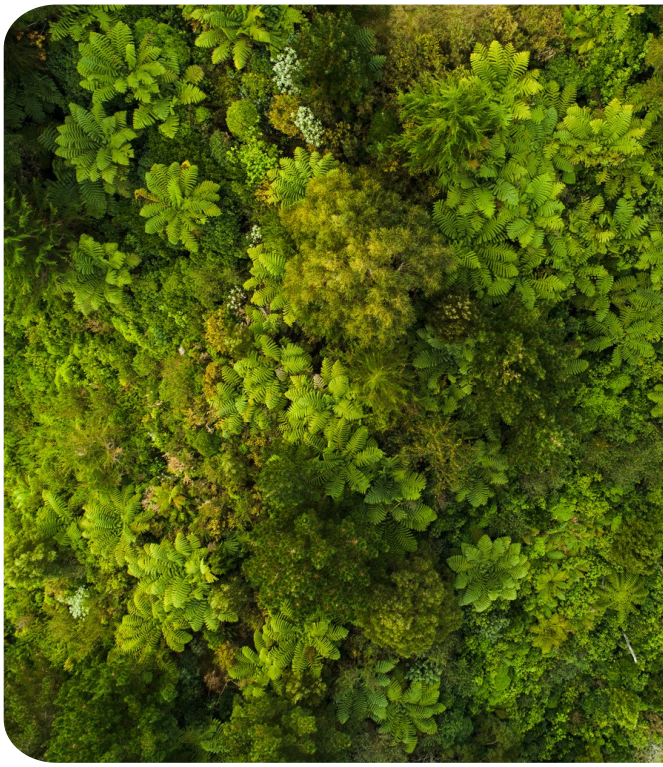
4 FLEXIBILITYAND QUALITY

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

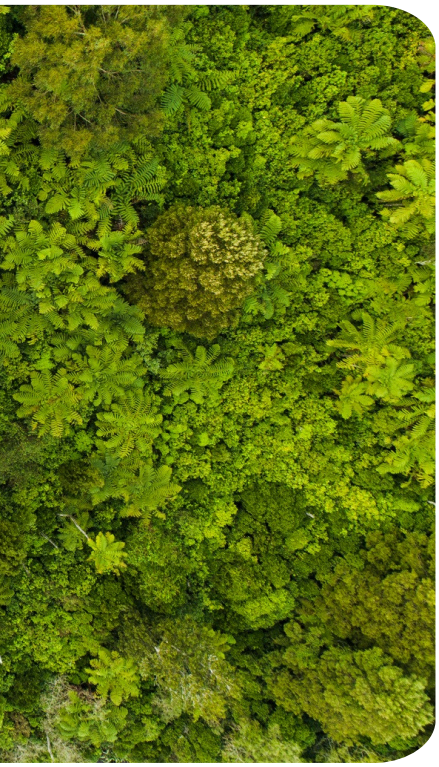
From internal policies to customer-driven innovations, Cebi is devoted to providing sustainable, energy-efficient solutions that drive a cleaner future.

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 EMISSIONREDUCTION

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.

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CEBI'S EXPERTISE AND TECHNOLOGY IN AC MOTORS

Cebi stands at the forefront of innovation in alternating current (AC) motor technology, integrating advanced motor systems with precision engineering to enhance appliance performance, improve energy efficiency, and ensure long-lasting operation.

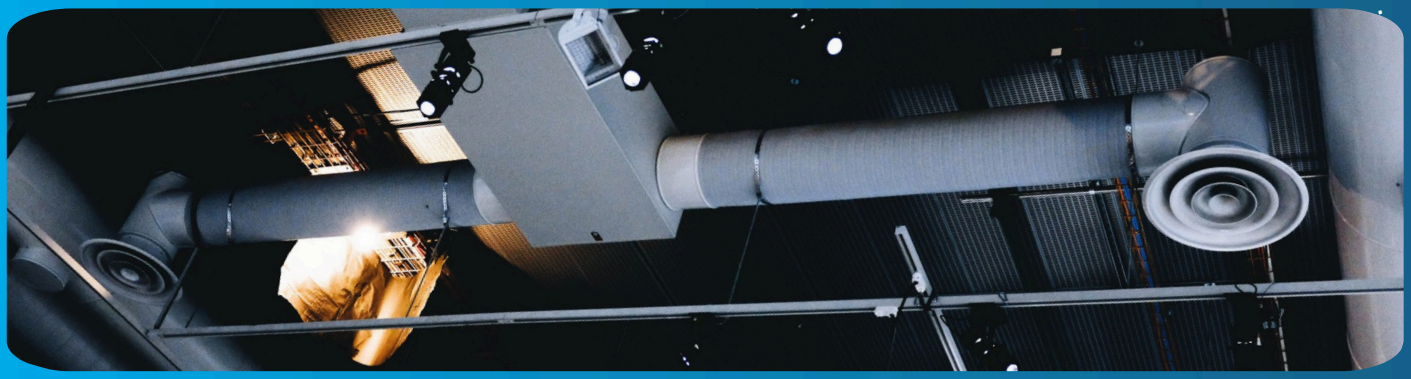
ADVANCED MOTOR DESIGN

Cebi's AC motors are designed to be highly customizable, offering customers tailored solutions that perfectly match their specific requirements. Thanks to the study of our fans and our knowledge of flow dynamics, our ability to develop fans allows us to achieve superior performance, enhancing appliance efficiency. Each motor is adaptable to accommodate different load conditions, providing customers with the flexibility to meet diverse application needs.



HIGH-EFFICIENCY PERFORMANCE

Cebi's AC motors are engineered for exceptional efficiency, leveraging advanced electronic controls developed by our R&D department. These innovations enable our motors to operate at optimal performance levels, reducing power consumption and lowering operational costs for customers. Motor speed can be precisely regulated through electronic controllers, allowing for smooth and stable operation under varying conditions, ensuring reliable and consistent performance across a wide range of applications.



CUSTOMIZABLE AIRFLOW SOLUTIONS

By using a CFD simulation software, Cebi Micromotors Switzerland provides Customers' with the possibility to design the housing of the fan motor in order to maximize the efficiency of the whole Customer application.

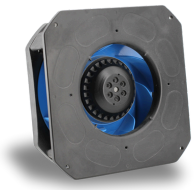
Cebi Micromotors Switzerland can also completely customize the fan motors to satisfy customer needs, both in terms of dimensions and performances. All the above mentioned motors have been developed by Cebi MS in a way that they are perfectly interchangeable without any additional investments by the Customer.



MEETING OUR CLIENTS' NEEDS: ADDRESSING TODAY'S CHALLENGES

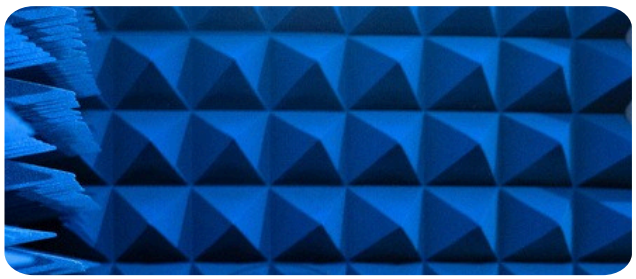
We commit to addres the current challenges our customers face, delivering enhanced control, efficiency, and air quality in response to today's needs.






OPTIMIZED AIRFLOW AND IMPELLER DESIGN

Efficient impeller and motor design play a crucial role in enhancing airflow performance. Advanced blade geometries and balanced rotor structures minimize turbulence, reduce energy losses, and contribute to smooth, quiet operation while maximizing airflow efficiency.



NOISE REDUCTION AND VIBRATION CONTROL

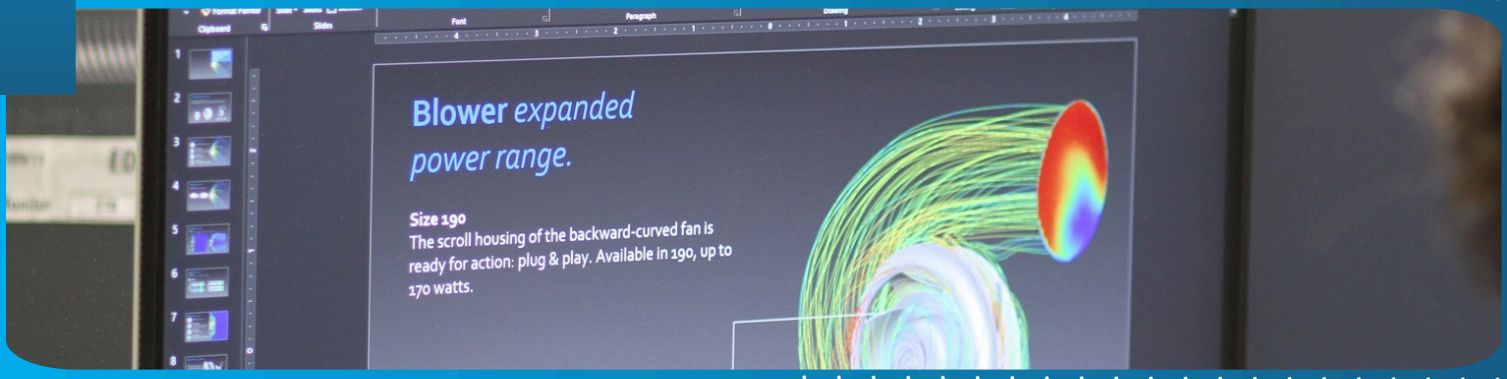
AC motors are engineered with noise-reducing features, including precision-balanced rotors, optimized bearing systems, and vibration-damping mounts. These advancements ensure quieter operation by minimizing mechanical and airflow-induced noise, improving user comfort in residential and industrial settings.



MULTI-SPEED REGULATION

AC motors now incorporate advanced control mechanisms, including variable frequency drives (VFDs), which regulate motor speed based on application demand. This adaptive speed control enhances energy efficiency, reduces mechanical stress, and ensures optimal performance across different load conditions.

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AC EXTERNAL ROTOR MOTORS - OVERVIEW

Cebi Micromotors Switzerland is one of the world's leaders in research, development and manufacturing of electric components for the automotive and household appliances as well as ventilation industries. Cebi offers a large set of Electronic (EC) and electric (AC) fan motors, which can be used for several applications (heat exchangers, air handling units, cooker hoods, dryers, ventilation systems for air conditioning, etc.).



Key functions

The AC motor is a centrifugal capacitor motor fan, with external rotor, particularly suitable for cooker hoods, roof ventilators and wherever high output is required, together with reduced overall dimensions. Noiseless, easy to install and very reliable, the AC motor fan has been designed in class B or F and is available, with thermal protector, on request automatic or manual, and/or in multi-speed version.

AC motors - Special features

- ErP compliance
- Tach output
- Multi Speed Motor
- Locked rotor protection
- Over temperature protection

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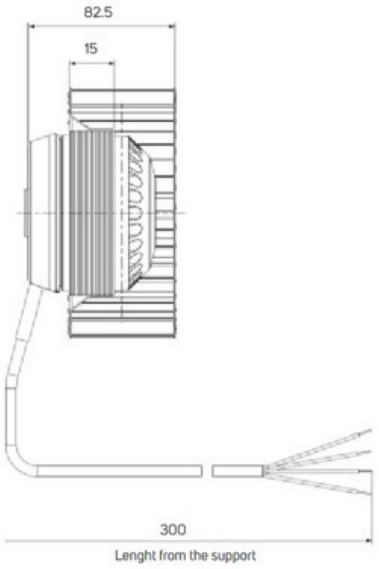


AC Motor Centrifugal Forward Curved Fan 120 x

Project Code: P13099
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Centrifugal Forward Curved Blade single inlet

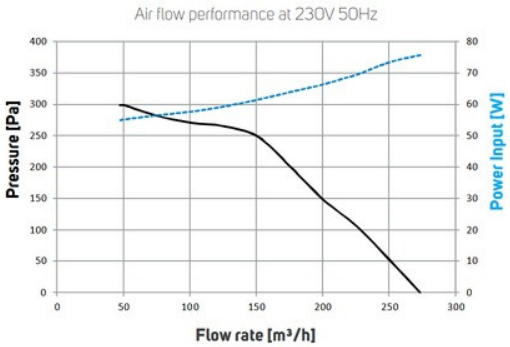
Nominal Data

Speed	[Rpm]	3121
Power input	[W]	71
Current draw	[A]	0.31
Max efficiency (stat A)	[%]	22.9
Efficiency grade (N)	[-]	36.5



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	65	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	273	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2825	55	0.29	7.7	51	299	30	1.200
230	50	2703	61	0.30	17.0	151	249	89	1.000
230	50	2614	66	0.31	12.4	200	148	118	0.594
230	50	2446	76	0.34	0	273	0	161	0

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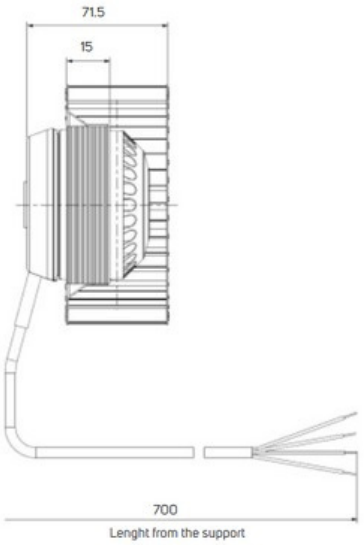


AC Motor Centrifugal Forward Curved Fan 140 x 59

Project Code: P5420
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Centrifugal Forward Curved Blade single inlet

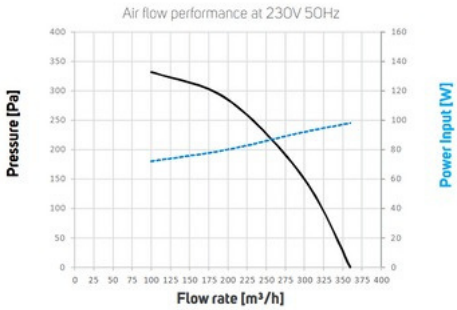
Nominal Data

Speed	[Rpm]	2225
Power input	[W]	80
Current draw	[A]	0.36
Max efficiency (stat A)	[%]	19.8
Efficiency grade (N)	[-]	33.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	45	40
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	360	
Insulation class	B	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2500	72	0.34	12.8	100	332	59	1.333
230	50	2225	80	0.36	19.8	200	285	118	1.144
230	50	1800	92	0.41	13.6	300	150	177	0.602
230	50	1450	98	0.43	0	360	0	212	0

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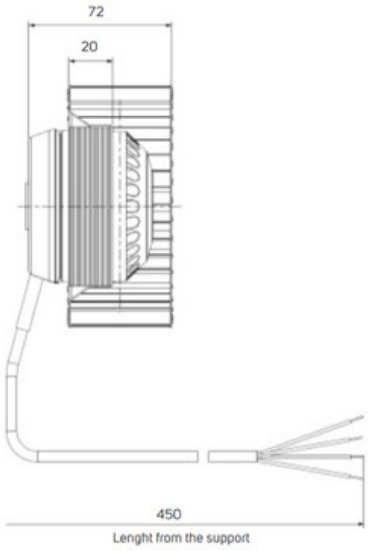


AC Motor Centrifugal Forward Curved Fan 146 x 62

Project Code: P9724
Supply: 230 V, 50/60 Hz
Type: MU20
Impeller Type: Centrifugal Forward Curved Blade single inlet

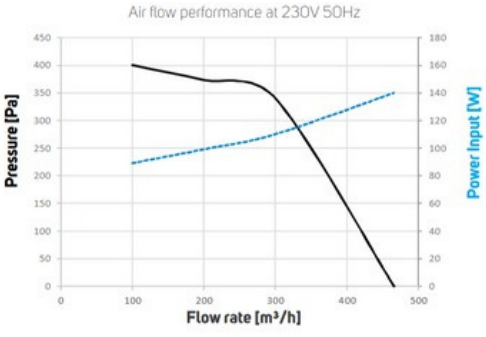
Nominal Data

Speed	[Rpm]	2314
Power input	[W]	110
Current draw	[A]	0.50
Max efficiency (stat A)	[%]	25.7
Efficiency grade (N)	[-]	38.1



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	60	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	466	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2663	89	0.41	12.5	100	400	59	1.606
230	50	2535	99	0.45	20.9	200	373	118	1.497
230	50	2314	110	0.50	25.7	300	340	177	1.365
230	50	1539	140	0.61	0	466	0	274	0

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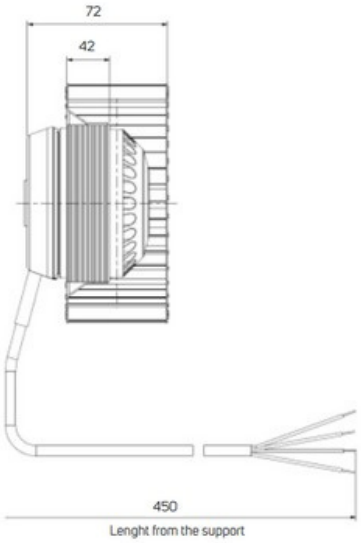


AC Motor Centrifugal Forward Curved Fan 160 x 62 38B

Project Code: P12373
Supply: 230 V, 50/60 Hz
Type: M42H
Impeller Type: Centrifugal Forward Curved Blade single inlet

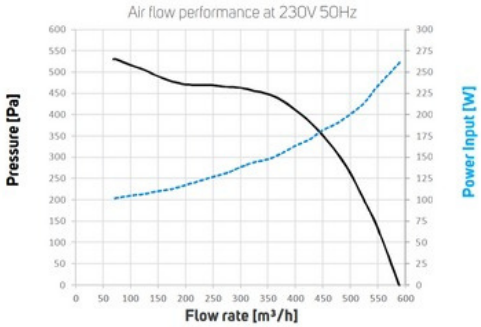
Nominal Data

Speed	[Rpm]	2637
Power input	[W]	147
Current draw	[A]	0.66
Max efficiency (stat A)	[%]	32.4
Efficiency grade (N)	[-]	44.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	65	50
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	590	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2861	105	0.46	13.7	100	516	59	2.072
230	50	2637	147	0.66	29.5	350	448	206	1.799
230	50	2496	181	0.79	24.4	450	353	265	1.417
230	50	1919	261	1.13	0	590	0	347	0

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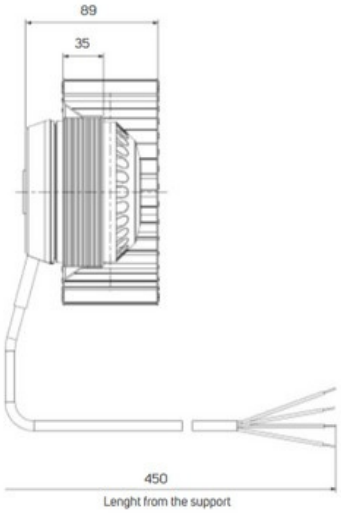


AC Motor Centrifugal Forward Curved Fan 180 x 73

Project Code: P9767
Supply: 230 V, 50/60 Hz
Type: MU35
Impeller Type: Centrifugal Forward Curved Blade single inlet

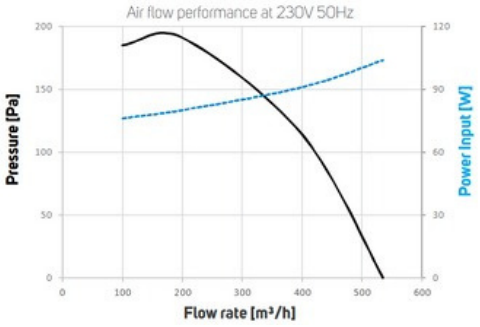
Nominal Data

Speed	[Rpm]	1520
Power input	[W]	114
Current draw	[A]	0.50
Max efficiency (stat A)	[%]	19.0
Efficiency grade (N)	[-]	31.3



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	50	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	535	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	1440	76	0.35	6.8	100	185	59	0.743
230	50	1410	80	0.37	13.2	200	191	118	0.767
230	50	1320	91	0.41	13.9	400	114	235	0.458
230	50	1190	104	0.46	0	535	0	315	0

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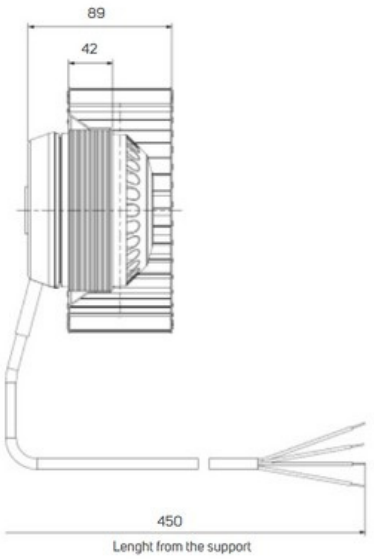


AC Motor Centrifugal Forward Curved Fan 180 x 73

Project Code: P12169
Supply: 230 V, 50/60 Hz
Type: M42
Impeller Type: Centrifugal Forward Curved Blade single inlet

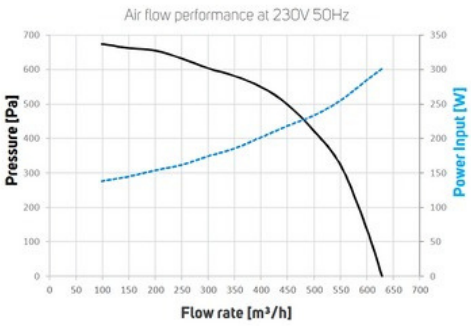
Nominal Data

Speed	[Rpm]	2496
Power input	[W]	185
Current draw	[A]	0.82
Max efficiency (stat A)	[%]	33.1
Efficiency grade (N)	[-]	44.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	50	50
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	550	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2730	138	0.61	13.6	100	673	59	2.702
230	50	2496	185	0.82	30.4	350	580	206	2.329
230	50	2190	233	1.02	25.0	500	420	294	1.686
230	50	2030	255	1.11	19.2	550	320	324	1.289

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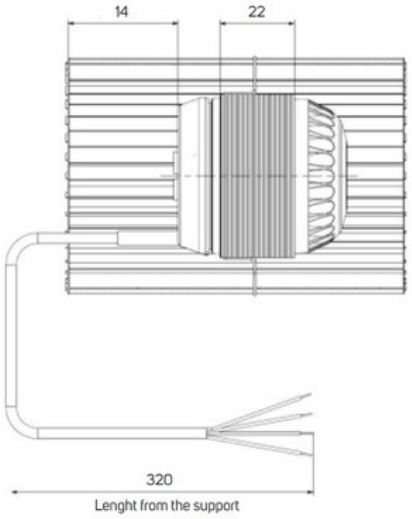


AC Motor Centrifugal Forward Curved Fan 133 x 126

Project Code: P12627
Supply: 230 V, 50 Hz
Type: M42
Impeller Type: Centrifugal Forward Curved Blade double inlet

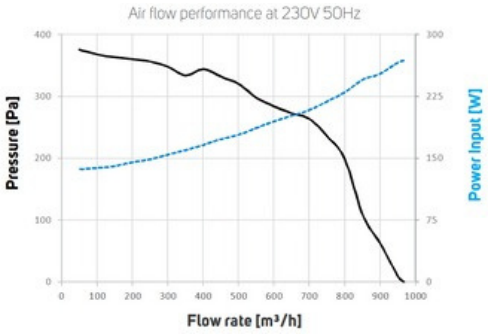
Nominal Data

Speed	[Rpm]	2690
Power input	[W]	178
Current draw	[A]	0.86
Max efficiency (stat A)	[%]	25.9
Efficiency grade (N)	[-]	37.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	55	-
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	967	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	CounterClockwise	
Impeller material	Metal	
ERP compliant	ERP 2013	

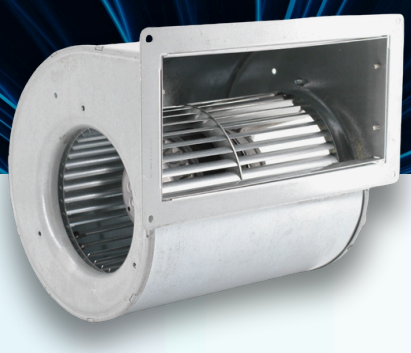


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2850	136	0.68	3.8	50	375	29	1.506
230	50	2690	178	0.86	25.0	501	320	295	1.285
230	50	2557	208	0.98	24.6	701	263	413	1.056
230	50	2236	268	1.21	0	967	0	569	0

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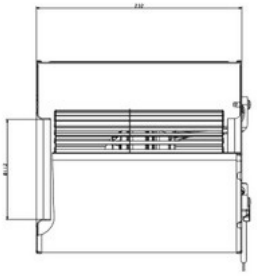
AC Motor Centrifugal Forward Curved Fan 133 x 190 36B with housing

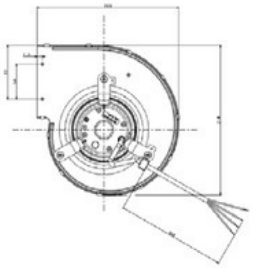


Project Code: P9628
Supply: 230 V, 50/60 Hz
Type: M25
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll with or without flange

Nominal Data

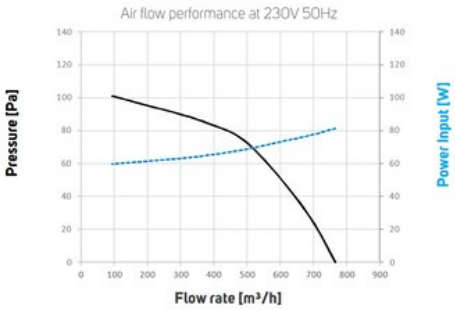
Speed	[Rpm]	1500
Power input	[W]	86
Current draw	[A]	0.39
Max efficiency (stat A)	[%]	17.1
Efficiency grade (N)	[-]	30.1





Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	45	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	967	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Metal ERP	
ERP compliant	2015	

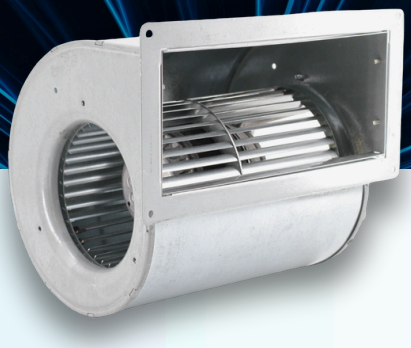


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	1445	60	0.31	4.4	94	101	55	0.405
230	50	1405	63	0.31	11.8	297	90	175	0.361
230	50	1300	73	0.34	12.0	595	53	350	0.213
230	50	1185	81	0.37	0	766	0	451	0

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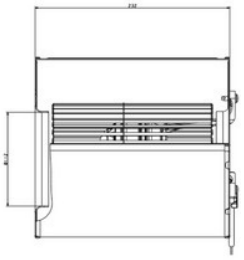
AC Motor Centrifugal Forward Curved Fan 133 x 190 36B with housing

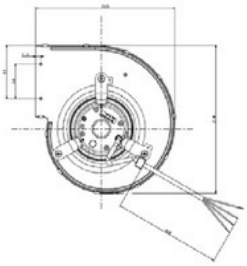


Project Code: P12119
Supply: 220-240 V, 50/60 Hz
Type: M42
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll with or without flange

Nominal Data

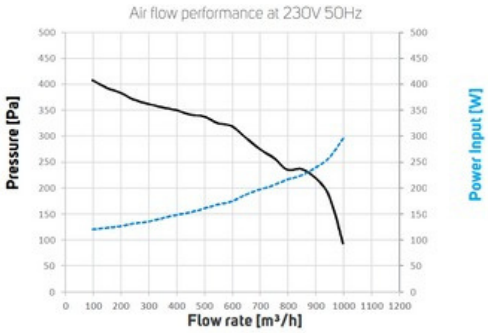
Speed	[Rpm]	2574
Power input	[W]	167
Current draw	[A]	0.80
Max efficiency (stat A)	[%]	32.8
Efficiency grade (N)	[-]	44.0





Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	45	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1000	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	

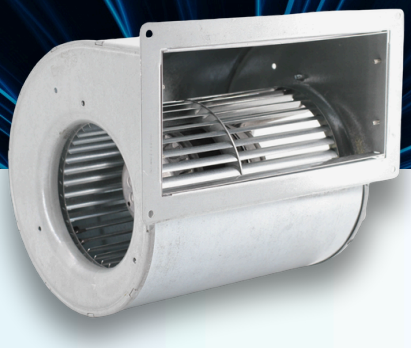


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	2807	127	0.58	16.7	200	383	118	1.538
230	50	2622	175	0.79	30.4	600	319	353	1.281
230	50	2449	217	0.96	24.1	800	235	471	0.943
230	50	1946	296	1.30	9.2	1000	98	589	0.393

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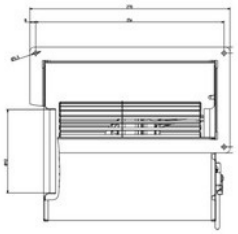
AC Motor Centrifugal Forward Curved Fan 133 x 190 36B with housing

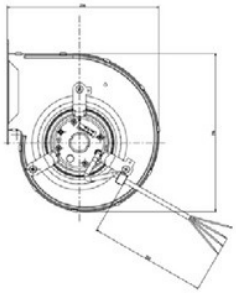


Project Code: P12566
Supply: 230 V, 50/60 Hz
Type: M20
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll with or without flange

Nominal Data

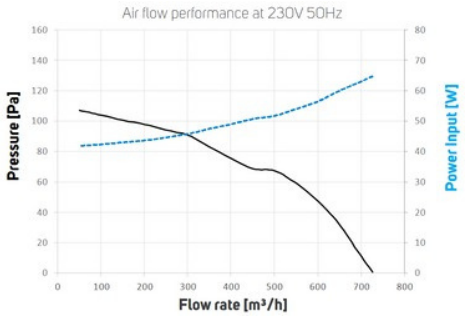
Speed	[Rpm]	1582
Power input	[W]	61
Current draw	[A]	0.27
Max efficiency (stat A)	[%]	19.5
Efficiency grade (N)	[-]	33.5





Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	726	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	

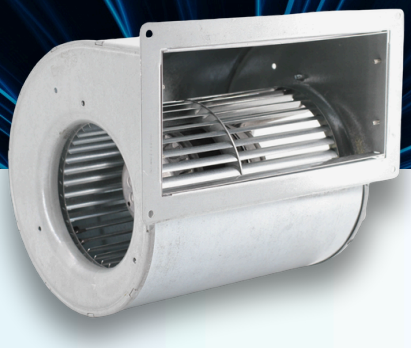


Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
230	50	1428	42	0.19	6.8	100	104	59	0.418
230	50	1377	46	0.20	16.6	300	91	177	0.365
230	50	1340	49	0.21	17.3	400	76	235	0.305
230	50	1039	65	0.28	0	726	0	427	0

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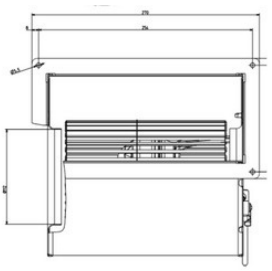
AC Motor Centrifugal Forward Curved Fan 133 x 190 36B with housing

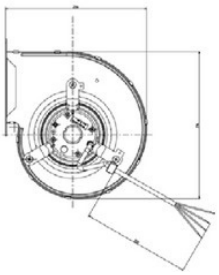


Project Code: P12238
Supply: 230 V, 50/60 Hz
Type: M42
Impeller Type: Centrifugal Forward Curved Blade double inlet + scroll with or without flange

Nominal Data

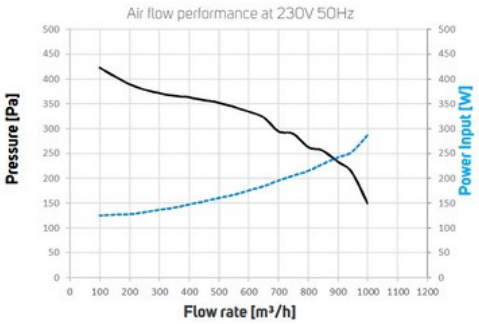
Speed	[Rpm]	2644
Power input	[W]	175
Current draw	[A]	0.80
Max efficiency (stat A)	[%]	32.9
Efficiency grade (N)	[-]	44.0





Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	60	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1000	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2807	127	0.60	17.0	200	389	118	1.562
230	50	2644	175	0.80	31.9	600	335	353	1.345
230	50	2477	215	0.96	27.1	800	262	471	1.052
230	50	2119	286	1.26	14.6	1000	150	589	0.602

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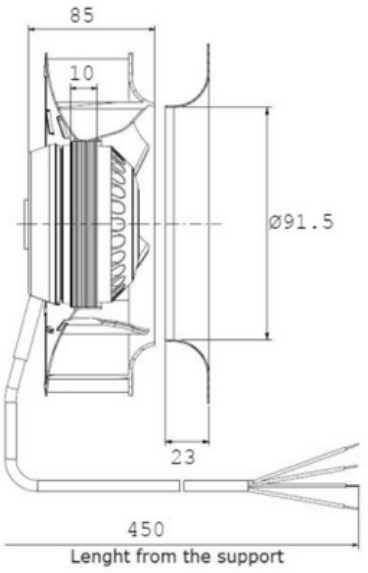
AC Motor Centrifugal Backward Curved Fan 160 x 45 7B



Project Code: P12848
Supply: 230 V, 50/60 Hz
Type: M10
Impeller Type: Centrifugal Backward Curved Blade single inlet

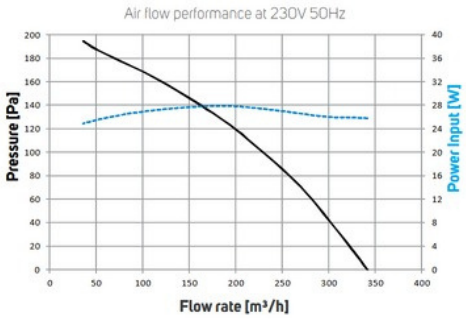
Nominal Data

Speed	[Rpm]	2436
Power input	[W]	28
Current draw	[A]	0.13
Max efficiency (stat A)	[%]	24.6
Efficiency grade (N)	[-]	51.5



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	60	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	342	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2597	25	0.12	7.8	36	194	21	0.779
230	50	2462	27	0.13	20.1	126	157	74	0.630
230	50	2436	28	0.13	24.6	201	121	118	0.486
230	50	2550	26	0.12	0	342	0	201	0

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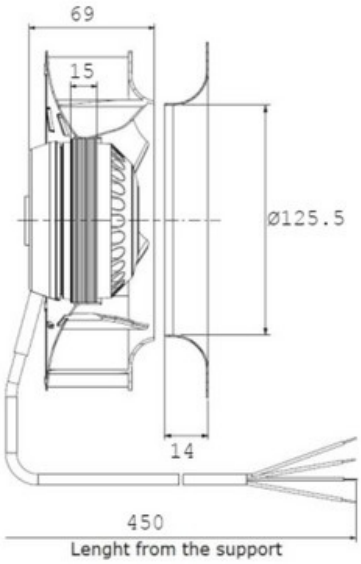
AC Motor Centrifugal Backward Curved Fan 190 x 45 7B



Project Code: P11717 **Supply**: 230 V, 50/60 Hz **Type**: M15
Impeller Type: Centrifugal Backward Curved Blade single inlet

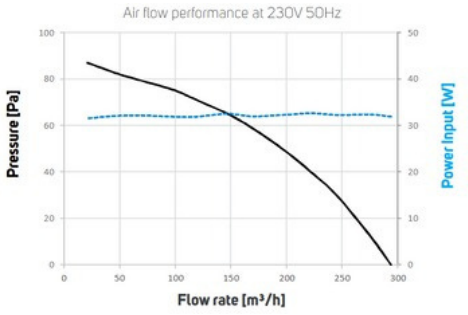
Nominal Data

Speed	[Rpm]	1670
Power input	[W]	34
Current draw	[A]	0.15
Max efficiency (stat A)	[%]	14.2
Efficiency grade (N)	[-]	40.1



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	60	65
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	295	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	1420	32	0.15	6.5	100	75	59	0.301
230	50	1410	32	0.15	8.7	170	59	100	0.237
230	50	1415	32	0.15	6.5	250	30	147	0.120
230	50	1424	32	0.15	0	295	0	174	0

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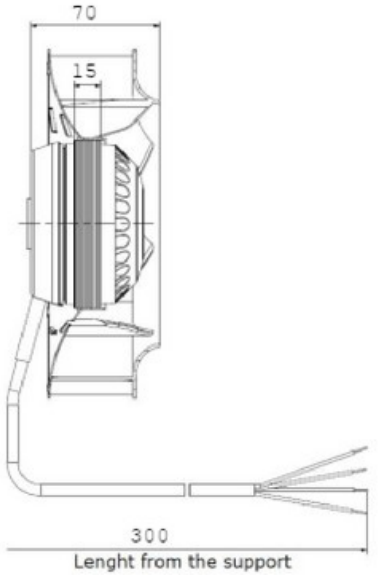
AC Motor Centrifugal Backward Curved Fan 190 x 45 7B



Project Code: P9623
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Centrifugal Backward Curved Blade single inlet

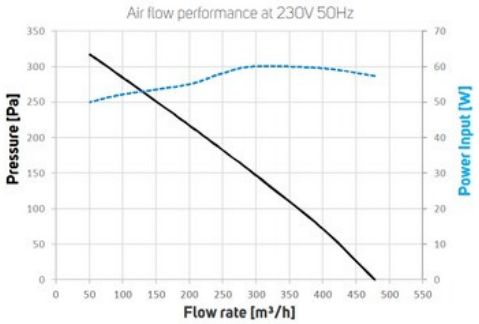
Nominal Data

Speed	[Rpm]	2917
Power input	[W]	75
Current draw	[A]	0.33
Max efficiency (stat A)	[%]	20.8
Efficiency grade (N)	[-]	43.1



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	478	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2715	52	0.24	15.2	100	286	59	1.148
230	50	2560	60	0.27	20.7	300	149	177	0.598
230	50	2575	59	0.27	13.3	400	71	235	0.285
230	50	2614	57	0.26	0	478	0	281	0

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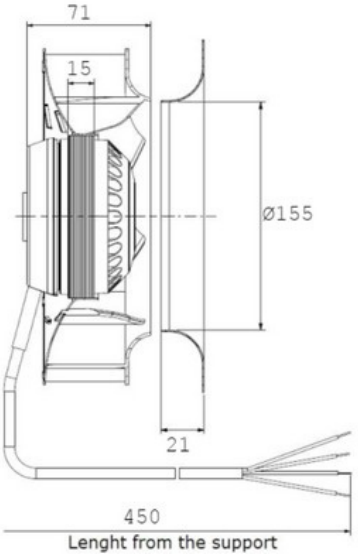
AC Motor Centrifugal Backward Curved Fan 220 x 45 7B



Project Code: P11811
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Centrifugal Backward Curved Blade single inlet

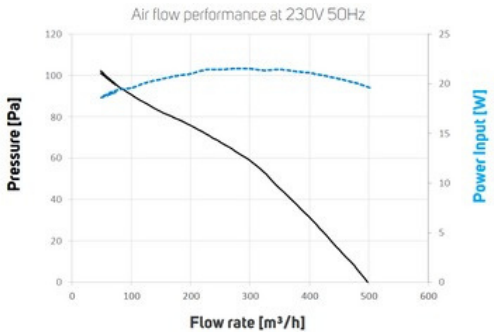
Nominal Data

Speed	[Rpm]	1291
Power input	[W]	22
Current draw	[A]	0.10
Max efficiency (stat A)	[%]	22.8
Efficiency grade (N)	[-]	50.8



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	-
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	501	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	1375	19	0.10	7.2	48	101	28	0.405
230	50	1291	22	0.10	22.8	299	59	176	0.237
230	50	1303	21	0.10	16.8	399	32	235	0.128
230	50	1343	20	0.10	0	501	0	295	0

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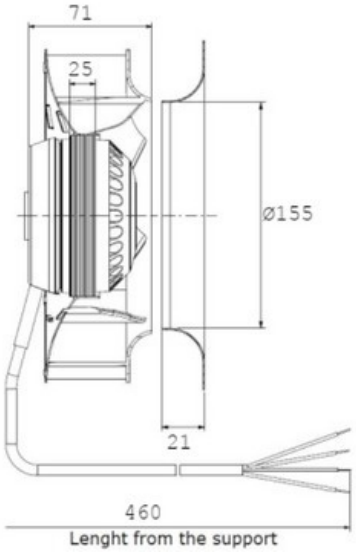
AC Motor Centrifugal Backward Curved Fan 220 x 45 7B



Project Code: P12567
Supply: 230 V, 50/60 Hz
Type: M25
Impeller Type: Centrifugal Backward Curved Blade single inlet

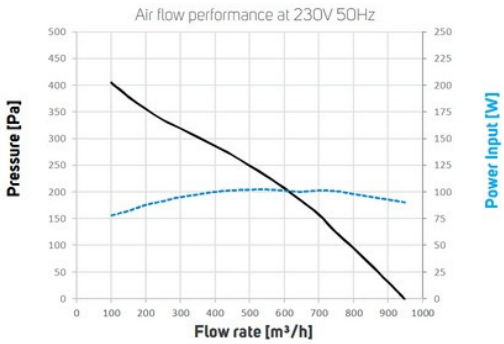
Nominal Data

Speed	[Rpm]	2488
Power input	[W]	102
Current draw	[A]	0.45
Max efficiency (stat A)	[%]	34.2
Efficiency grade (N)	[-]	55.1



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	50
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	947	
Insulation class	B	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2706	78	0.34	14.4	100	405	59	1.626
230	50	2512	100	0.44	31.7	400	286	235	1.148
230	50	2488	102	0.45	34.2	550	229	324	0.919
230	50	2597	90	0.39	0	947	0	557	0

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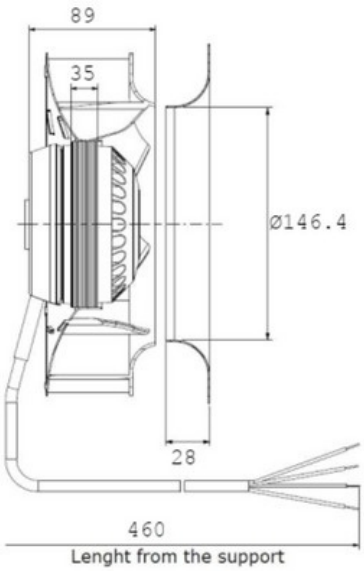


AC Motor Centrifugal Backward Curved Fan 225 x 55 7B

Project Code: P12469
Supply: 230 V, 50/60 Hz
Type: M35
Impeller Type: Centrifugal Backward Curved Blade single inlet

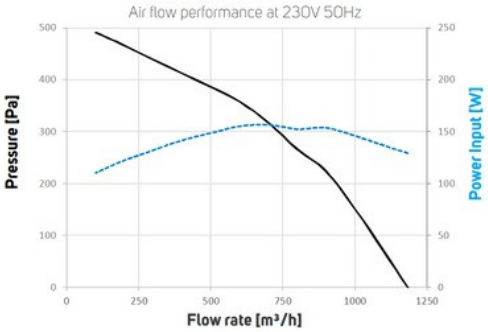
Nominal Data

Speed	[Rpm]	2715
Power input	[W]	157
Current draw	[A]	0.69
Max efficiency (stat A)	[%]	43.0
Efficiency grade (N)	[-]	62.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1183	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Plastic ERP	
ERP compliant	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	2850	110	0.50	12.4	100	491	59	1.971
230	50	2762	142	0.63	32.3	400	412	235	1.654
230	50	2715	157	0.69	39.3	700	317	412	1.273
230	50	2800	129	0.57	0	1183	0	696	0

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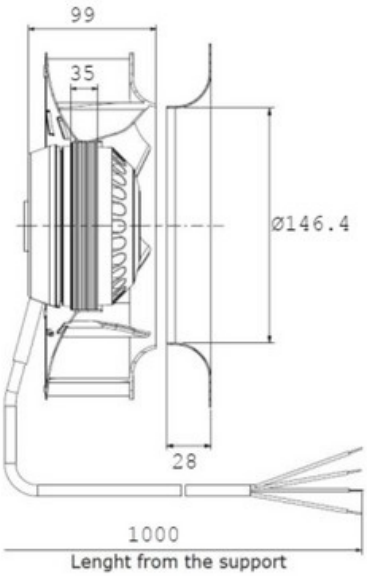


AC Motor Centrifugal Backward Curved Fan 225 x 55 7B

Project Code: P12470
Supply: 230 V, 50/60 Hz
Type: M35
Impeller Type: Centrifugal Backward Curved Blade single inlet

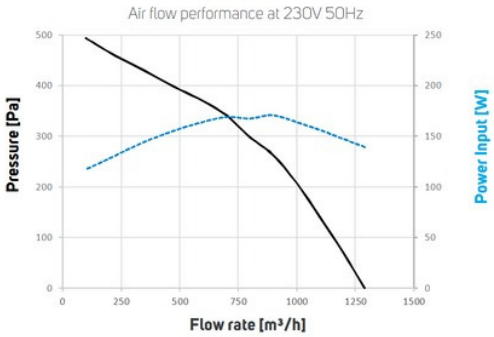
Nominal Data

Speed	[Rpm]	2664
Power input	[W]	167
Current draw	[A]	0.74
Max efficiency (stat A)	[%]	43.3
Efficiency grade (N)	[-]	62.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	65	40
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1288	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2830	117	0.53	11.7	100	493	59	1.979
230	50	2730	149	0.66	31.1	400	417	235	1.674
230	50	2664	167	0.74	39.4	800	297	471	1.192
230	50	2756	139	0.62	0	1288	0	758	0

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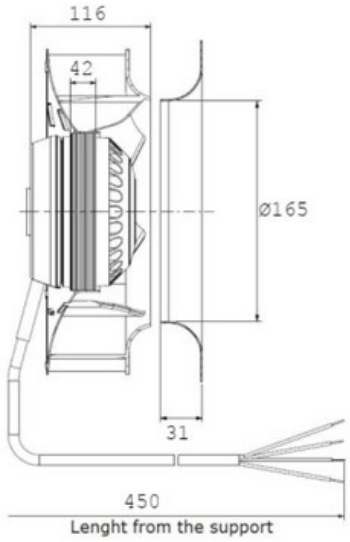


AC Motor Centrifugal Backward Curved Fan 250 x 50 7B

Project Code: P11598
Supply: 230 V, 50/60 Hz
Type: M42
Impeller Type: Centrifugal Backward Curved Blade single inlet

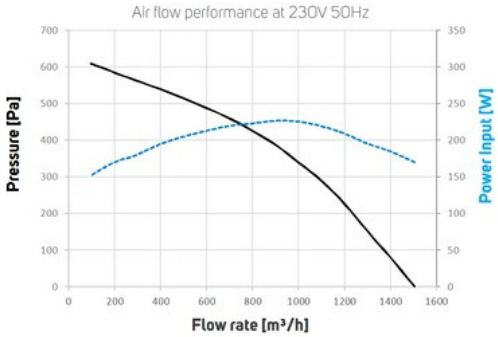
Nominal Data

Speed	[Rpm]	2756
Power input	[W]	226
Current draw	[A]	0.98
Max efficiency (stat A)	[%]	44.7
Efficiency grade (N)	[-]	62.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	60	55
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1500	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2860	170	0.74	19.1	200	585	118	2.349
230	50	2781	212	0.93	38.4	600	488	353	1.959
230	50	2756	226	0.98	42.6	900	386	530	1.550
230	50	2851	169	0.73	0	1500	0	883	0

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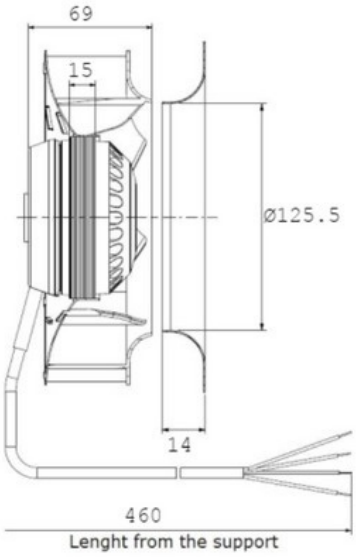


AC Motor Centrifugal Backward Curved Fan 190 x 40 7B Zephyros

Project Code: P12882
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Centrifugal Backward Curved Blade single inlet

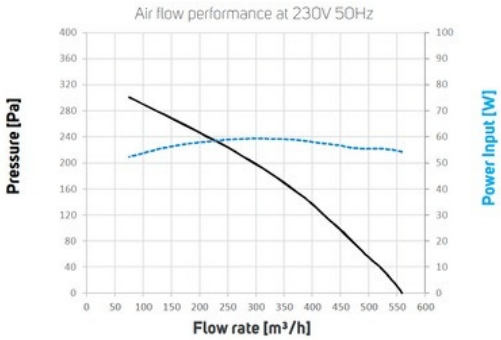
Nominal Data

Speed	[Rpm]	2780
Power input	[W]	74
Current draw	[A]	0.33
Max efficiency (stat A)	[%]	30.3
Efficiency grade (N)	[-]	52.7



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	560	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2640	54	0.24	15.0	100	290	59	1.164
230	50	2519	59	0.26	28.2	325	185	191	0.743
230	50	2604	55	0.25	13.8	500	55	294	0.221
230	50	2621	54	0.24	0	560	0	330	0

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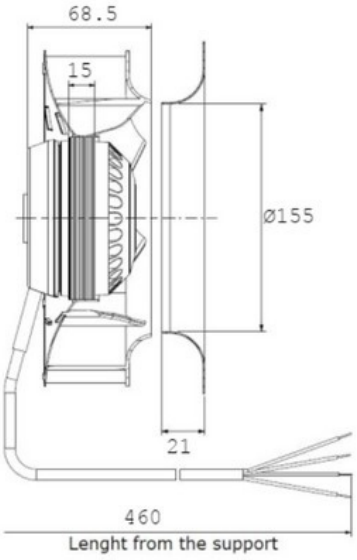


AC Motor Centrifugal Backward Curved Fan 220 x 40 7B Zephyros

Project Code: P13063
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Centrifugal Backward Curved Blade single inlet

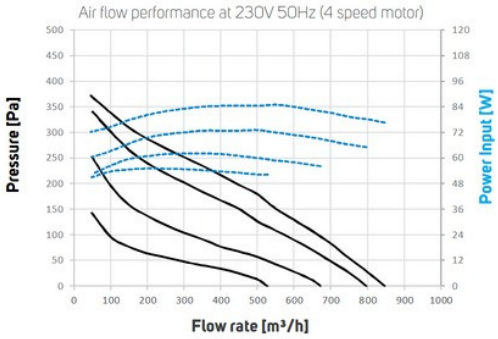
Nominal Data

Speed	[Rpm]	2248
Power input	[W]	85
Current draw	[A]	0.37
Max efficiency (stat A)	[%]	29.5
Efficiency grade (N)	[-]	51.2



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	55	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	846	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2500	75	0.32	12.6	100	338	59	1.357
230	50	2257	84	0.37	27.1	351	234	207	0.939
230	50	2248	85	0.37	29.5	498	180	293	0.723
230	50	2443	77	0.33	0	846	0	498	0

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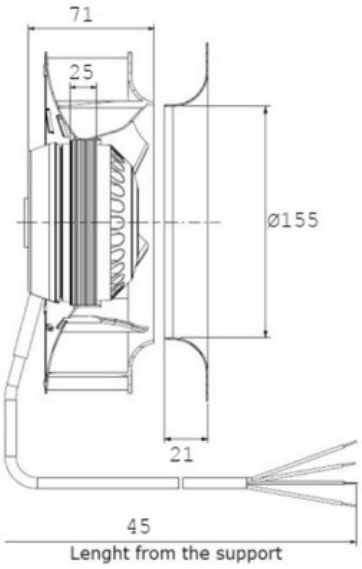


AC Motor Centrifugal Backward Curved Fan 220 x 40 7B Zephyros

Project Code: P12668
Supply: 230 V, 50/60 Hz
Type: M25
Impeller Type: Centrifugal Backward Curved Blade single inlet

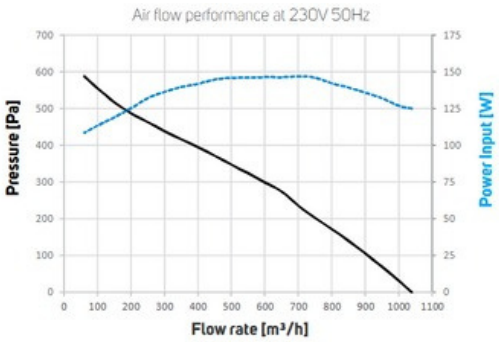
Nominal Data

Speed	[Rpm]	2592
Power input	[W]	110
Current draw	[A]	0.52
Max efficiency (stat A)	[%]	34.0
Efficiency grade (N)	[-]	54.5



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	60	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1039	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	3200	108	0.47	9.0	60	588	35	2.361
230	50	2888	142	0.62	31.0	400	395	235	1.586
230	50	2839	147	0.64	33.9	600	299	353	1.200
230	50	3057	125	0.54	0	1039	0	612	0

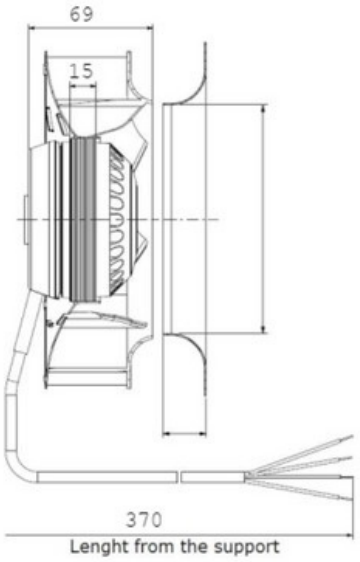
cebi Driven by your needs.

AC Motor Centrifugal Backward Curved Fan 180 x 32



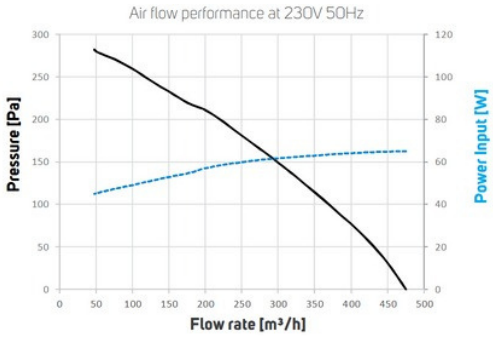
Nominal Data

Speed	[Rpm]	2360
Power input	[W]	60
Current draw	[A]	0.26
Max efficiency (stat A)	[%]	20.9
Efficiency grade (N)	[-]	44.3



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	70	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	475	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	2731	45	0.20	8.4	48	282	28	1.132
230	50	2438	57	0.25	20.6	200	211	118	0.847
230	50	2360	60	0.26	20.9	250	181	147	0.727
230	50	2198	65	0.28	0	475	0	280	0

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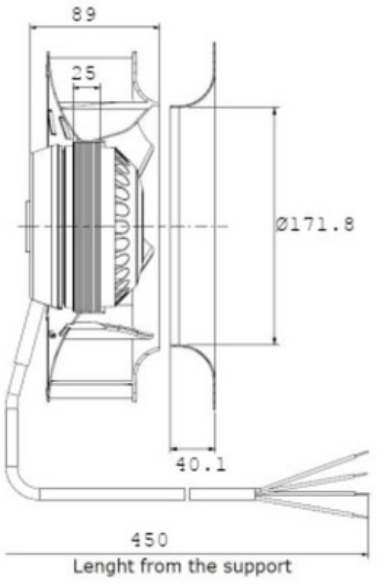
AC Motor Centrifugal Backward Curved Fan 250 x 50 7B



Project Code: P11918
Supply: 220-240 V, 50/60 Hz
Type: M25
Impeller Type: Centrifugal Forward Curved Blade single inlet

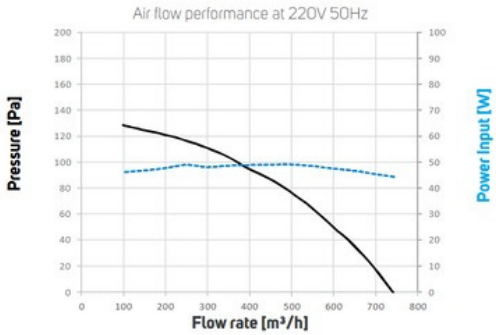
Nominal Data

Speed	[Rpm]	1454
Power input	[W]	61
Current draw	[A]	0.28
Max efficiency (stat A)	[%]	25.9
Efficiency grade (N)	[-]	49.2



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	45	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	743	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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]
220	50	1318	48	0.22	14.1	200	121	118	0.486
220	50	1284	49	0.23	20.8	350	104	206	0.418
220	50	1283	49	0.23	22.2	450	87	265	0.349
220	50	1367	44	0.21	0	743	0	437	0

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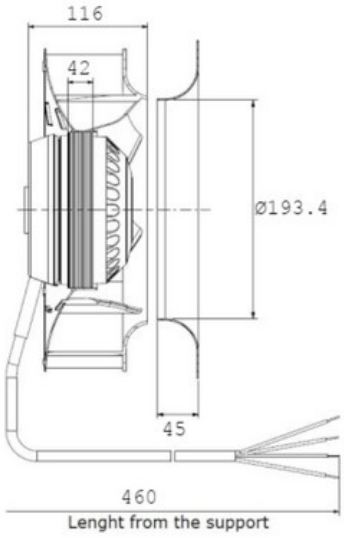
AC Motor Centrifugal Backward Curved Fan 280 x 50 7B



Project Code: P11890
Supply: 230 V, 50/60 Hz
Type: M42
Impeller Type: Centrifugal Backward Curved Blade single inlet

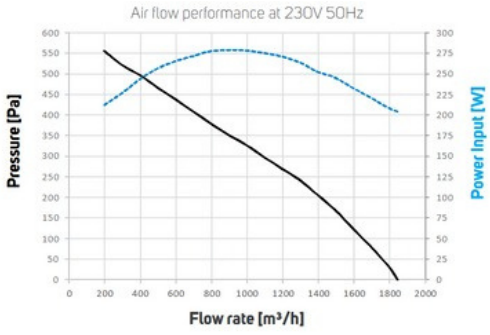
Nominal Data

Speed	[Rpm]	2276
Power input	[W]	271
Current draw	[A]	1.17
Max efficiency (stat A)	[%]	33.2
Efficiency grade (N)	[-]	49.7



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	45	45
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1843	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Metal	
ERP compliant	-	



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	2461	227	0.99	13.6	200	556	118	2.232
230	50	2215	279	1.21	31.5	900	351	530	1.409
230	50	2276	271	1.17	33.2	1200	270	706	1.084
230	50	2580	204	0.88	0	1843	0	1085	0

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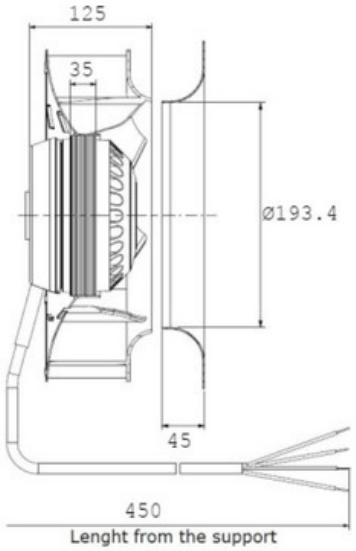
AC Motor Centrifugal Backward Curved Fan 280 x 80 7B



Project Code: P13100
Supply: 230 V, 50/60 Hz
Type: M35
Impeller Type: Centrifugal Backward Curved Blade single inlet

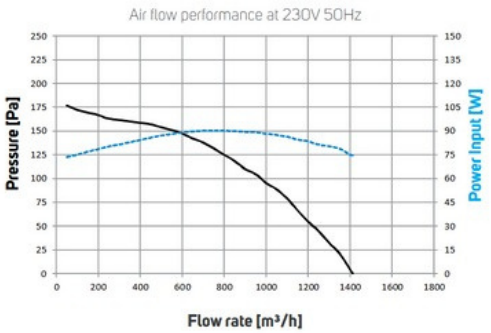
Nominal Data

Speed	[Rpm]	1452
Power input	[W]	112
Current draw	[A]	0.49
Max efficiency (stat A)	[%]	32.5
Efficiency grade (N)	[-]	53.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	55	55
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1412	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
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	1394	75	0.34	6.3	98	172	58	0.691
230	50	1311	89	0.40	27.6	601	147	354	0.590
230	50	1303	90	0.40	31.2	849	119	500	0.478
230	50	1393	75	0.34	0	1412	0	831	0

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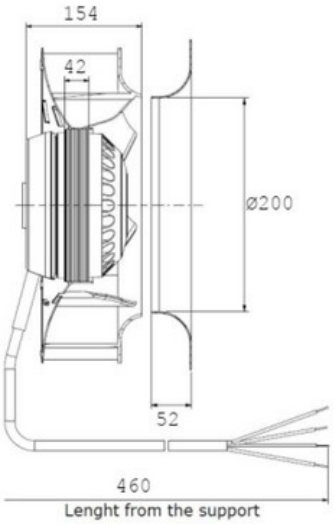


AC Motor Centrifugal Backward Curved Fan 315 x 101.5

Project Code: P11484
Supply: 230 V, 50/60 Hz
Type: M42
Impeller Type: Centrifugal Backward Curved Blade single inlet

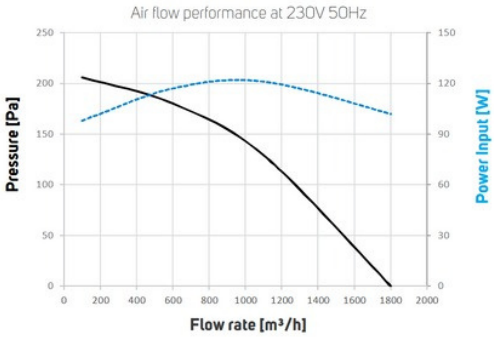
Nominal Data

Speed	[Rpm]	1243
Power input	[W]	121
Current draw	[A]	0.53
Max efficiency (stat A)	[%]	32.7
Efficiency grade (N)	[-]	52.8



Technical Features

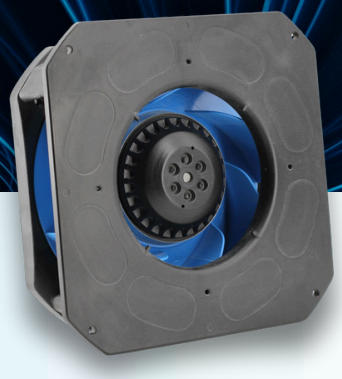
	50 Hz	60 Hz
Max. operating temperature [°C]	65	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1800	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	



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	1340	98	0.44	5.8	100	206	59	0.827
230	50	1260	117	0.51	25.8	600	180	353	0.723
230	50	1243	121	0.53	32.7	1100	129	647	0.518
230	50	1330	102	0.45	0	1800	0	1059	0

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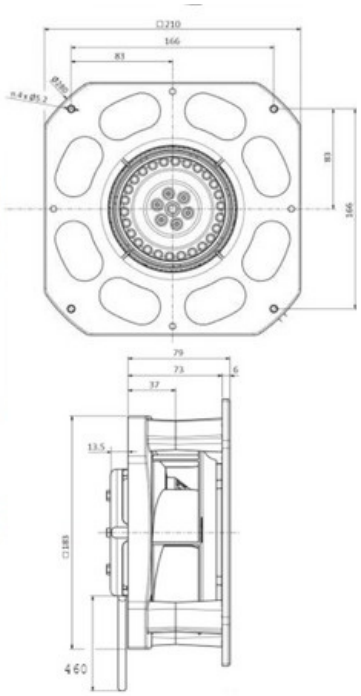


AC Motor S-QUBE 160 x 38 7B Zephyros

Project Code: P13691
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: S-Qube 160

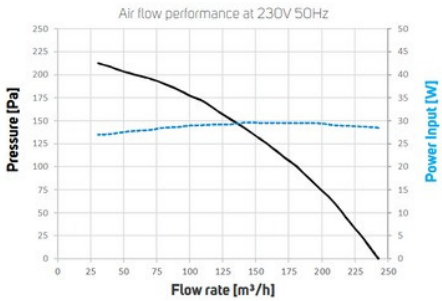
Nominal Data

Speed	[Rpm]	3042
Power input	[W]	40
Current draw	[A]	0.17
Max efficiency (stat A)	[%]	20.0
Efficiency grade (N)	[-]	35.2



Technical Features

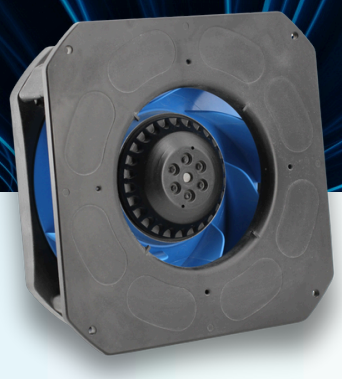
	50 Hz	60 Hz
Max. operating temperature [°C]	70	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	243	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Plastic	
ERP compliant	ERP 2015	



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	2768	27	0.12	6.8	31	212	18	0.851
230	50	2718	29	0.13	17.0	100	177	59	0.711
230	50	2697	30	0.13	18.9	141	143	83	0.574
230	50	2719	28	0.13	0	243	0	143	0

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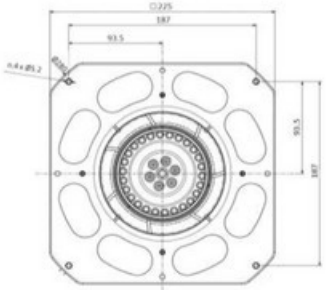


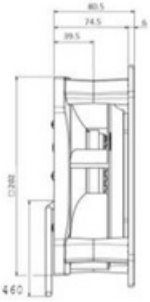
AC Motor S-QUBE 190 x 40 7B Zephyros

Project Code: P13689
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: S-Qube 190

Nominal Data

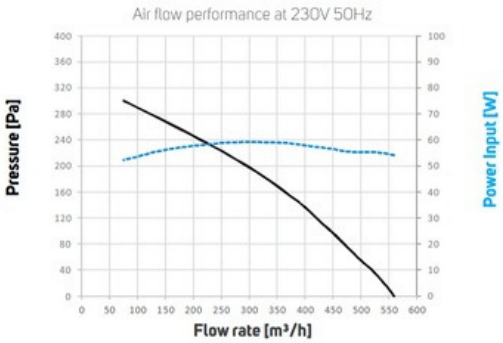
Speed	[Rpm]	2780
Power input	[W]	74
Current draw	[A]	0.33
Max efficiency (stat A)	[%]	30.3
Efficiency grade (N)	[-]	43.8





Technical Features

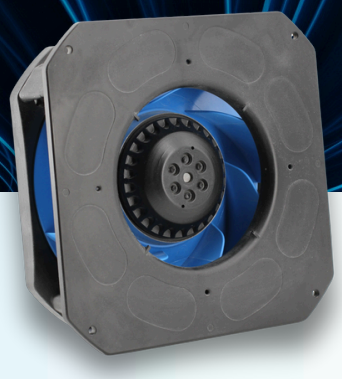
	50 Hz	60 Hz
Max. operating temperature [°C]	70	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	560	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Plastic	
ERP compliant	ERP 2015	



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	2640	54	0.24	15.0	100	290	59	1.164
230	50	2519	59	0.26	28.2	325	185	191	0.743
230	50	2604	55	0.25	13.8	500	55	294	0.221
230	50	2621	54	0.24	0	560	0	330	0

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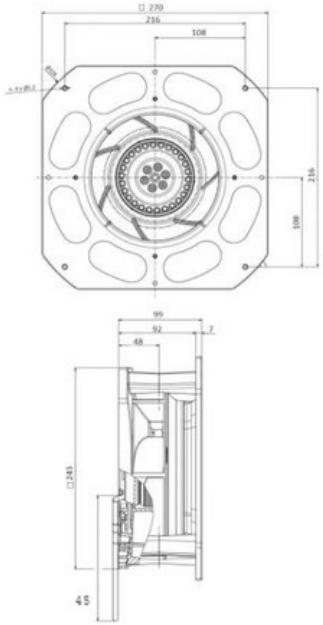


AC Motor S-QUBE 220 x 40 7B Zephyros

Project Code: P13445
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: S-Qube 220

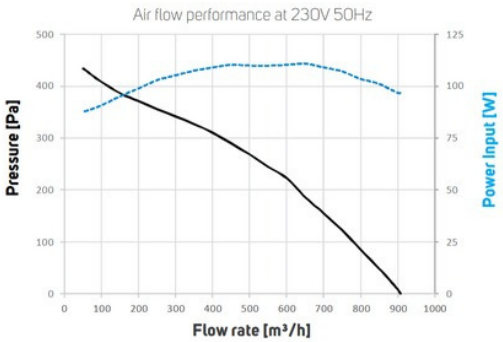
Nominal Data

Speed	[Rpm]	2592
Power input	[W]	110
Current draw	[A]	0.52
Max efficiency (stat A)	[%]	24.0
Efficiency grade (N)	[-]	46.3



Technical Features

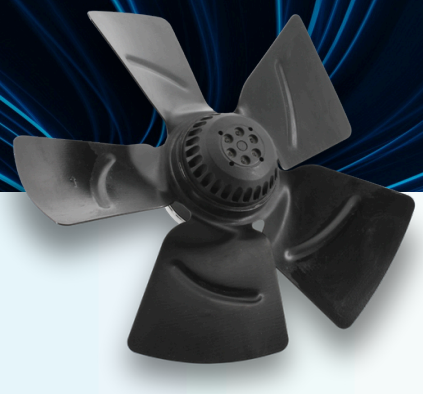
	50 Hz	60 Hz
Max. operating temperature [°C]	60	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	970	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Plastic	
ERP compliant	ERP 2015	



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	2759	88	0.46	7.0	51	434	30	1.742
230	50	2597	109	0.52	31.6	400	310	235	1.245
230	50	2592	110	0.52	34.0	550	244	324	0.980
230	50	2695	97	0.48	0	907	0	534	0

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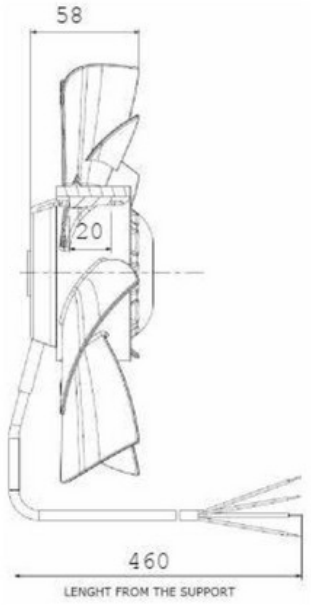


AC Motor Axial Fan
AX 200 x 52

Project Code: P8781
Supply: 200 - 220 V, 50/60 Hz
Type: M20
Impeller Type: Axial

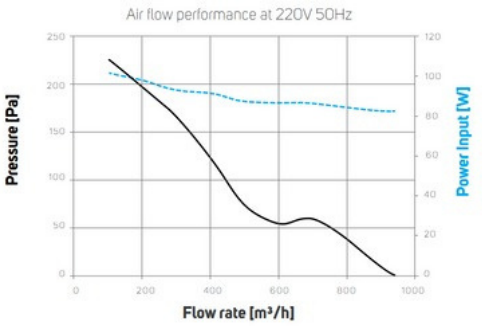
Nominal Data

Speed	[Rpm]	2538
Power input	[W]	83
Current draw	[A]	0.42
Max efficiency (stat A)	[%]	15.5
Efficiency grade (N)	[-]	28.7



Technical Features

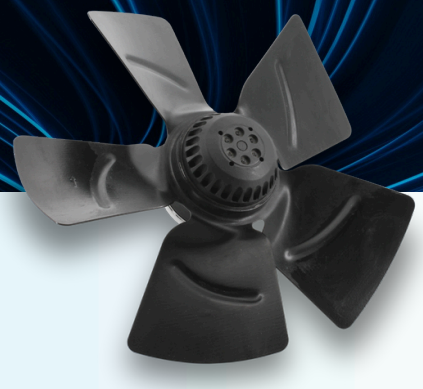
	50 Hz	60 Hz
Max. operating temperature [°C]	60	60
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	940	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	CounterClockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	



Max Speed

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m3 /h]	[Pa]	[cfm]	[in_H2O]
220	50	2526	102	0.47	6.2	100	226	59	0.907
220	50	2635	91	0.43	14.9	400	123	235	0.494
220	50	2673	87	0.41	13.3	700	59	412	0.237
220	50	2716	83	0.40	0	940	0	553	0

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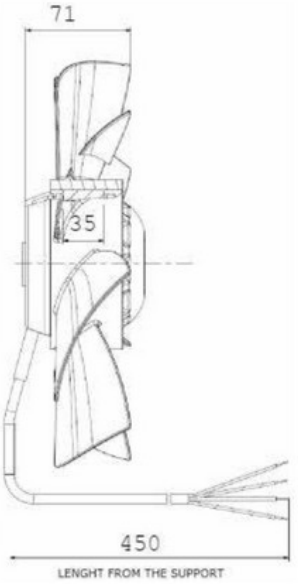


AC Motor Axial Fan
AX 250 x 46

Project Code: P8985
Supply: 230 V, 50/60 Hz
Type: M35
Impeller Type: Axial

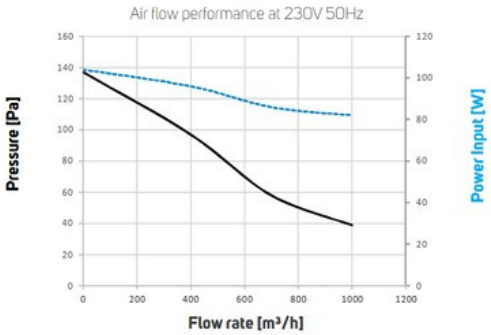
Nominal Data

Speed	[Rpm]	2280
Power input	[W]	86
Current draw	[A]	0.38
Max efficiency (stat A)	[%]	13.1
Efficiency grade (N)	[-]	26.2



Technical Features

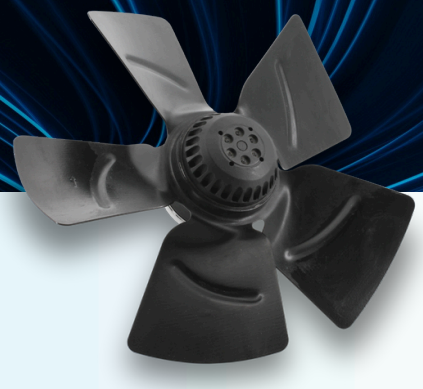
	50 Hz	60 Hz
Max. operating temperature [°C]	70	70
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1000	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	Clockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	



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	1660	104	0.46	0	0	137	0	0.550
230	50	2075	96	0.41	11.2	400	97	235	0.389
230	50	2280	86	0.38	13.1	700	58	412	0.233
230	50	2330	82	0.36	13.2	1000	39	589	0.157

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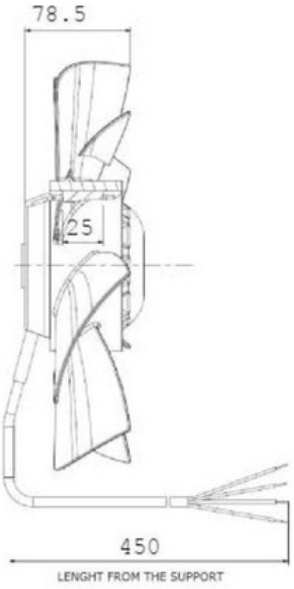


AC Motor Axial Fan
AX 300 x 58

Project Code: P12899
Supply: 230 V, 50/60 Hz
Type: M25
Impeller Type: Axial

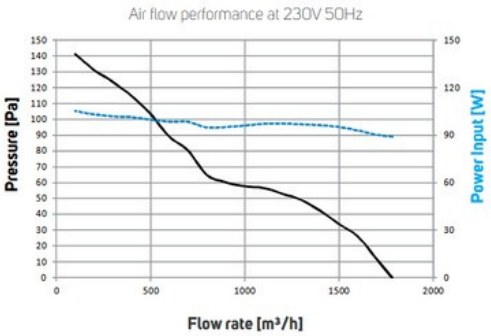
Nominal Data

Speed	[Rpm]	1319
Power input	[W]	97
Current draw	[A]	0.44
Max efficiency (stat A)	[%]	18.3
Efficiency grade (N)	[-]	31.0



Technical Features

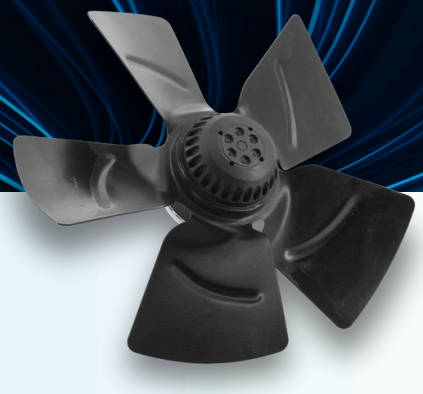
	50 Hz	60 Hz
Max. operating temperature [°C]	50	40
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	1781	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	CounterClockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	



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	1269	105	0.47	3.7	100	141	59	0.566
230	50	1313	98	0.45	15.8	698	80	411	0.321
230	50	1319	97	0.44	18.3	1298	49	764	0.197
230	50	1367	89	0.42	0	1781	0	1048	0

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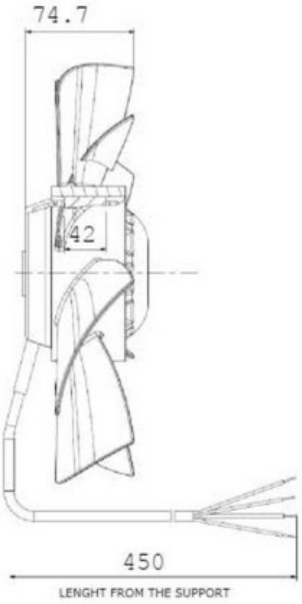


AC Motor Axial Fan
AX 350 x 58

Project Code: P9469
Supply: 230 V, 50/60 Hz
Type: M42
Impeller Type: Axial

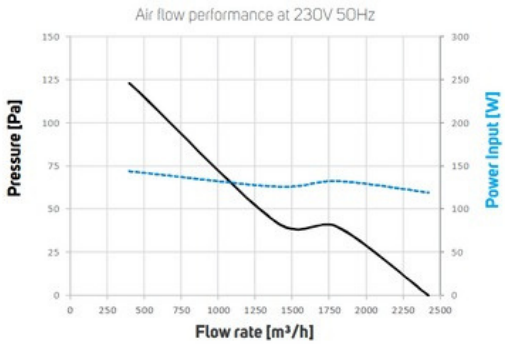
Nominal Data

Speed	[Rpm]	1241
Power input	[W]	132
Current draw	[A]	0.59
Max efficiency (stat A)	[%]	15.1
Efficiency grade (N)	[-]	27.0



Technical Features

	50 Hz	60 Hz
Max. operating temperature [°C]	45	50
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	2420	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	CounterClockwise	
Impeller material	Metal	
ERP compliant	-	



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	1174	144	0.63	9.5	400	123	235	0.494
230	50	1267	126	0.56	13.0	1400	42	824	0.169
230	50	1241	132	0.59	15.1	1800	40	1059	0.161
230	50	1293	119	0.53	0.0	2420	0	1424	0.000

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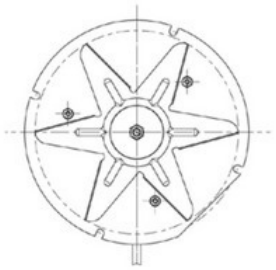
AC Motor Pellet Stove Fan 6P

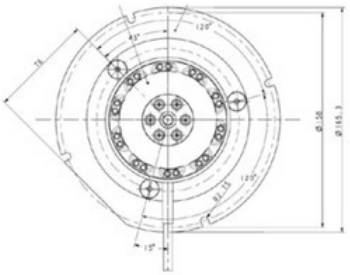


Project Code: P9616
Supply: 230 V, 50/60 Hz
Type: M15
Impeller Type: Pellet stove radial 150

Nominal Data

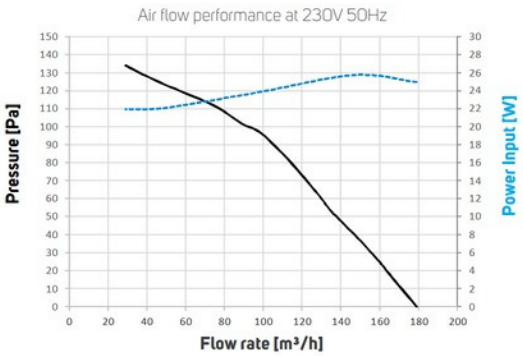
Speed	[Rpm]	2876
Power input	[W]	28
Current draw	[A]	0.13
Max efficiency (stat A)	[%]	12.8
Efficiency grade (N)	[-]	28.9





Technical Features

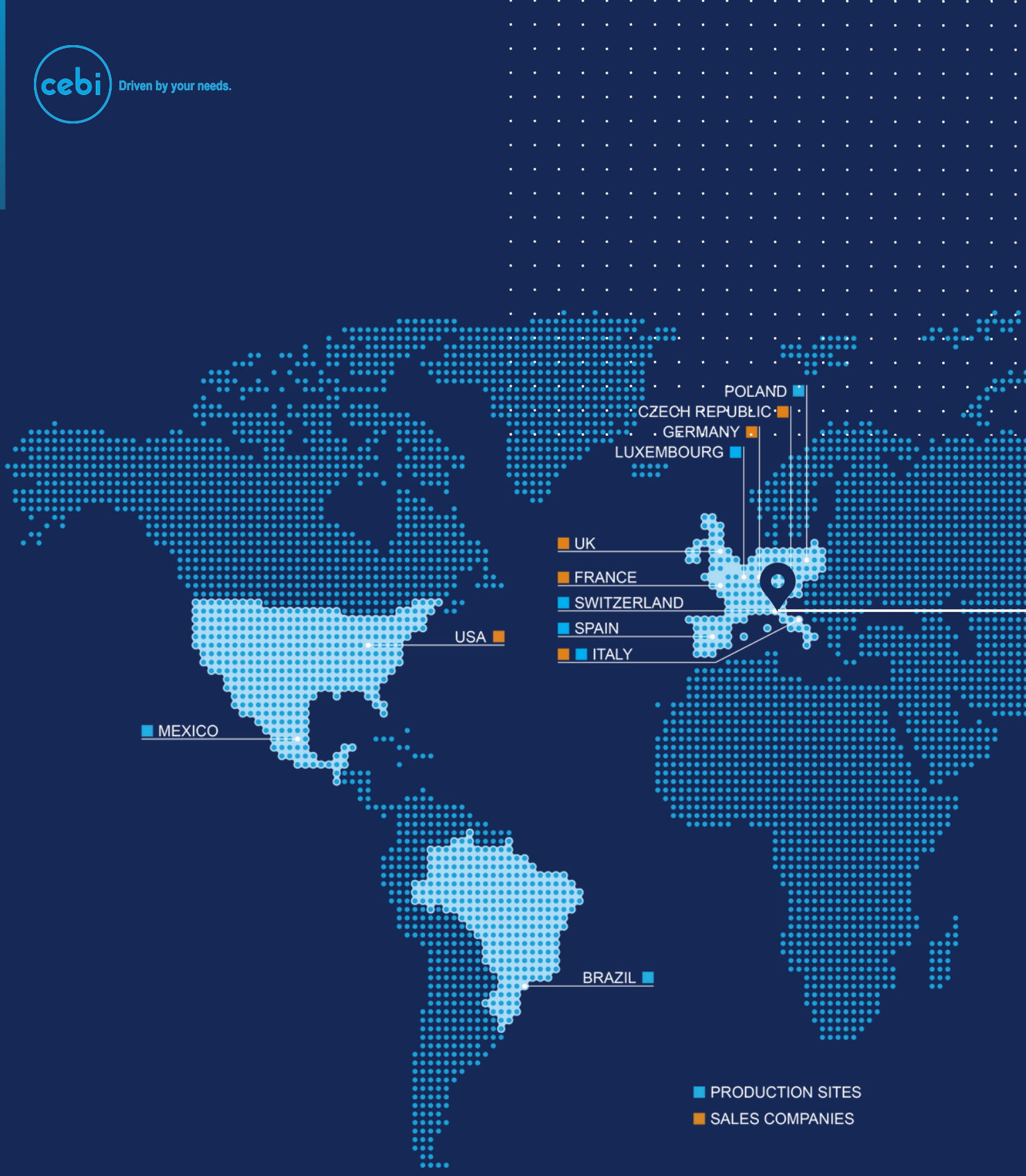
	50 Hz	60 Hz
Max. operating temperature [°C]	100	100
Min. operating temperature [°C]	-30	
Air flow @ 0 PA [m3/h]	179	
Insulation class	F	
Protection level	IP44	
Rotation (seen on rotor side)	CounterClockwise	
Impeller material	Metal	
ERP compliant	ERP 2015	



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	2634	22	0.11	7.7	50	123	29	0.494
230	50	2545	24	0.11	11.3	100	97	59	0.389
230	50	2445	26	0.12	6.5	150	40	88	0.161
230	50	2466	25	0.12	0	179	0	105	0

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