

01

# AC Axial fans – Sickled blades



AC AXIAL FANS –  
SICKLED BLADES

AC AXIAL FANS –  
BLADES WITH COMPOSITE  
MATERIAL (PP/AP)

AC AXIAL FANS –  
PADDLE BLADES

UL LISTED AXIAL FANS

ACCESSORIES

CONNECTION DIAGRAMS

APPENDIX

# AC Axial fans

## ■ Electrical connection and motor

AC Axial fans are driven by single-phase or three-phase AC (Alternating Current) external rotor induction motors. The motors are integrated into the fan hub. The rated voltage for a three-phase power supply is 400 V and for single-phase AC motors it is 230 V. Single-phase or three-phase AC motors are suitable for 400 V  $\pm$  10% or 230 V  $\pm$  10%, as well as 50/60 Hz. All other voltage types are available as customised solutions.

## ■ Motor connection

Mains & control connections are made via a terminal box or outgoing connection cable as shown in the dimensional drawings.

## ■ Terminal box and connection cable

Terminal boxes are made of shock-proof and weather-resistant plastics. Heat- and UV-resistant halogen-free multicore cables are used, marked by a colour code or connection designations as labelled on the terminal block. The cable construction complies with VDE 0282 Part 804 and is suitable for operating voltages of up to 400 V for single-phase products and 690 V for three-phase products.

## ■ Speed controls

Hidria AC fans are suitable for operation with or without one of the Variable Speed Drive (VSD) units such as a frequency converter, triac controller, soft start or autotransformer. When a VSD is in use, special caution needs to be taken to verify that the temperature rise is in line with the motor insulation class (B or F) limits and that the EMC requirements of the final appliance are met. It is recommended to use a Sine Wave Filter attached between the frequency converter and AC fan in order to assure the best acoustic and lifetime performance of the fan. Please follow the safety, installation and maintenance instructions of the VSD used when applied to Hidria fans.

## ■ Installation and usage information

For the installation, maintenance and safe use of AC axial fans, please refer to the user manual.

## ■ Materials and corrosion protection

Hidria AC Axial fan impellers are made of high-performance PA or PP composite material, aluminium or steel. The impeller is pressed onto the rotor. Some axial fans have stamped steel or aluminium blades. Such blades are riveted or screwed onto the rotors of the external rotor motor. The motor housing is made of high-pressure, die-cast aluminium alloy. Additional painting is applied when high-corrosion protection is requested. Protection grids are made of steel and coated to meet resistance to corrosion as set by ISO 12944-2 class C3 (medium). A higher corrosion resistance level is available on request.

## ■ Operating conditions and product life safety

The fans may only be operated when installed as intended and when safety is ensured by use of safety equipment according to DIN EN 294 resp. ISO13852 (DIN EN ISO 12100) or by other protection measures defined in the user manual.

## Safety approvals

Depending on the product, Hidria fans comply with one or more of the following standards: EN 60335-1, EN 61800-5-1 and EN 60034-1. The majority of fans can be supplied in a CE, UL/CSA, CCC, SASO and/or EAC approved design.

## Installation orientations

Axial fans are intended to be installed with the rotor in a horizontal position or with the rotor at the bottom of the fan (vertical position with the connection box or cables on the top). The lower condensation drain hole must be open when the fan is installed vertically, that is with the rotor at the bottom. With a horizontal mounting position, condensate can escape via the gap between the stator and rotor. Installation

with the rotor at the top (connection box or cables at the bottom) is only available on request.

## Operating mode

Continuous operation (S1)

## Resistance to water, dust and moisture

The majority of axial fans are resistant to the presence of water, dust and moisture as defined by class IP44 or IP 54 (IEC 60529, IEC60034, IEC60335).

## Ambient conditions

If not instructed differently, the fans can be subjected to the following conditions:

- placed outdoors (rain, snow, UV radiation)
- working ambient temperatures of between -30 °C (-40 °C) and +70 °C
- storage temperatures: -40 °C to +80 °C

## Product life

By utilising lifetime-maintenance-free bearings, our axial fans are maintenance-free for the entire lifetime of approximately 30,000–40,000 hours for standard applications and environmental conditions.

## Contact protection

The preferred 'protective construction' used on axial fans is a guard grid. Depending on the airflow direction, the guard grid is located on the intake or pressure side of the fan. The 'Accessories' section contains separate guard grids, which can be positioned on the pressure or intake side of the fan as required and depending on the installation situation, to meet the safety requirements set out in DIN EN ISO 13857 defining safety distance requirements to prevent upper limbs from getting into hazardous areas. Be aware that the use of guard grids results in increased resistance to the conveyed airflow, which manifests in additional pressure loss.



Stamped steel blades (type 18H, 30H)  
Diameters: 300-350 mm

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Stamped aluminium blades (type 30H)  
Diameters: 450-630 mm

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Die-cast aluminium blades (type 30H)  
Diameters: 630-800 mm

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AC AXIAL FANS -  
SICKLED BLADES

AC AXIAL FANS -  
BLADES WITH COMPOSITE  
MATERIAL (PP/AP)

AC AXIAL FANS -  
PADDLE BLADES

UL LISTED AXIAL FANS

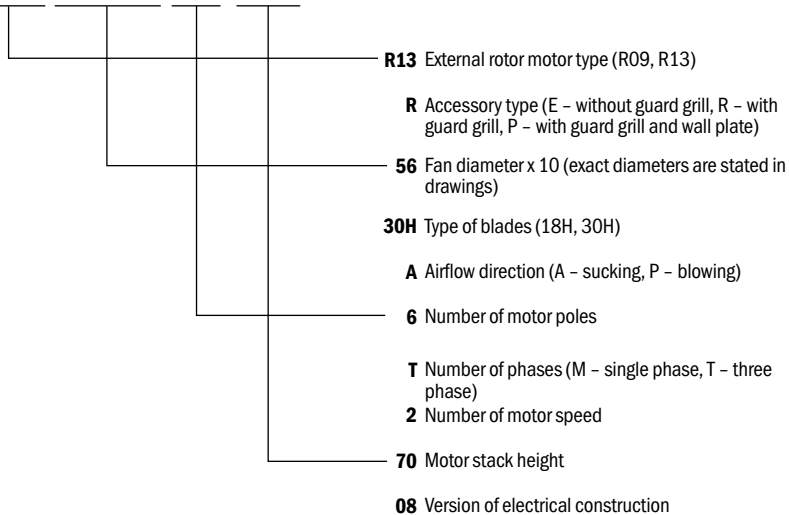
ACCESSORIES

CONNECTION DIAGRAMS

APPENDIX

**Example of type key:**

**R13R-5630HA-6T2-7008**



Diameter:

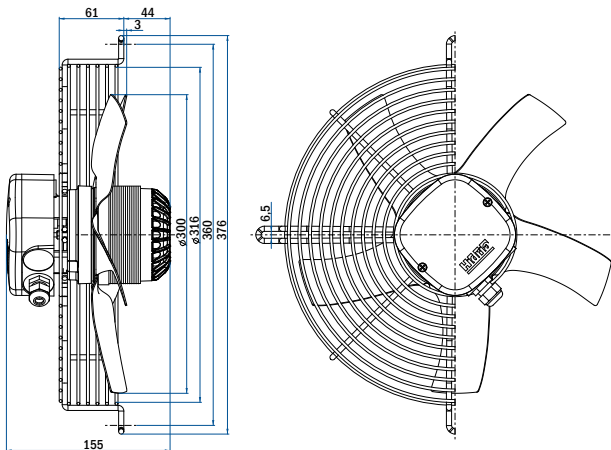
300 mm

R09\_-3018H\_-2M-4248



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3018HA-2M-4248	0309-4-1093	3.5
Blowing	R09R-3018HP-2M-4248	0309-4-1094	



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3018HA-2M-4248	On request	
Blowing	R09P-3018HP-2M-4248	On request	

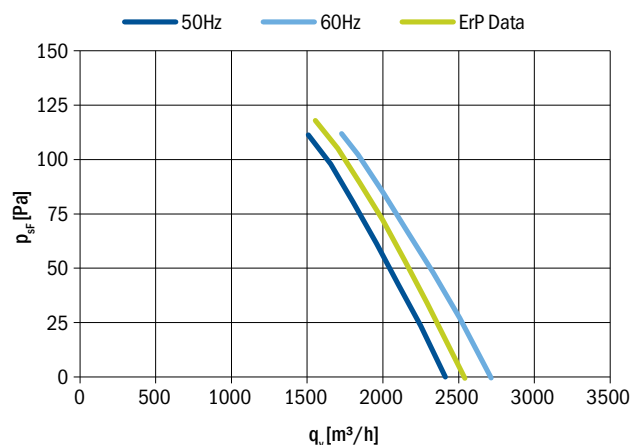
### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3018HA-2M-4248	On request	
Blowing	R09E-3018HP-2M-4248	On request	

Nominal data according to standard EN 60335:	
Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	140/190 W
Rated current	0.62/0.83 A
Rated speed	2590/2700 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	55/40 °C
Sound power level A weighted	83/87 dB (A)
Condensator	5 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	29.0 %
Measurement category	A
Efficiency category	static
Efficiency grade N	40.2
Variable speed drive	NO
Power input	169 W
Air flow	1553 m <sup>3</sup> /h
Pressure drop	118 Pa
Speed	2585 RPM
Specific ratio	1.00

### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.

ErP characteristic measured in full bell mouth without guard grill.

General notes	
Connection diagrams:	
Sucking	0301-1-0043 See section
Blowing	0301-1-0044 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R09\_-3030H\_-4M-2543**

**Diameter:**

**300 mm**

**Nominal data according to standard EN 60335:**

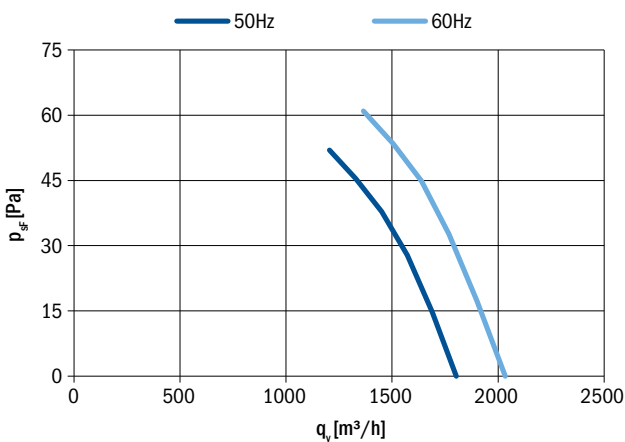
Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	65/90 W
Rated current	0.30/0.40 A
Rated speed	1400/1500 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70 °C
Sound power level A weighted	66/71 dB (A)
Condensator	2 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

**Is not subject to the EU regulation 327/2011.**

Power input lower than 125 W.

**Aerodynamic characteristic**

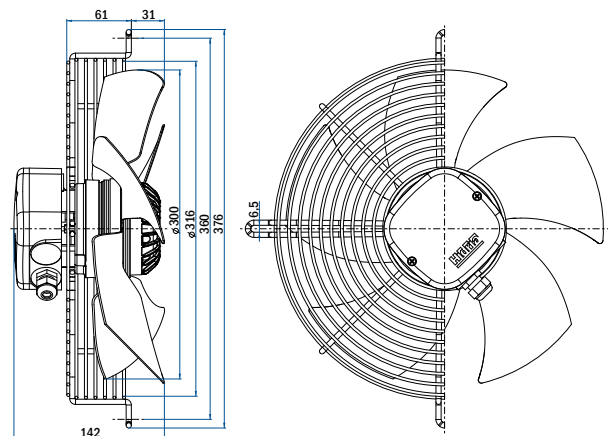


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3030HA-4M-2543	0309-4-1112	3.0
Blowing	R09R-3030HP-4M-2543	0309-4-1050	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3030HA-4M-2543	0309-4-1025	4.5
Blowing	R09P-3030HP-4M-2543	0309-4-1078	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3030HA-4M-2543	On request	
Blowing	R09E-3030HP-4M-2543	On request	

**General notes**

Connection diagrams:

Sucking                    0301-1-0043                    See section  
Blowing                    0301-1-0044                    Connection diagrams

Guard grills & wall-plates                    See section Accessories

Standards compliance                    See introduction page

Diameter:

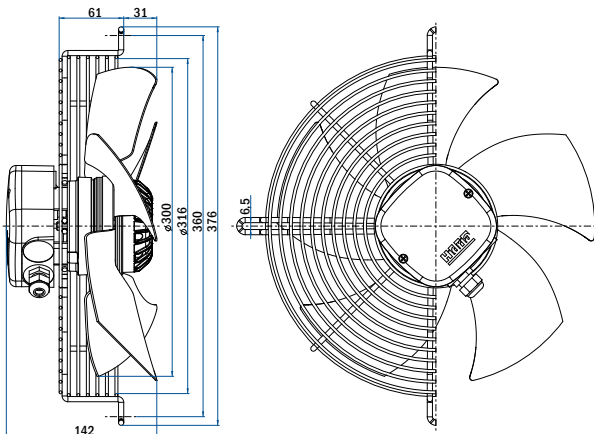
300 mm

R09\_-3030H\_-4T-2545



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3030HA-4T-2545	0309-4-1038	3.0
Blowing	R09R-3030HP-4T-2545	0309-4-1143	



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3030HA-4T-2545	On request	
Blowing	R09P-3030HP-4T-2545	On request	

### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3030HA-4T-2545	On request	
Blowing	R09E-3030HP-4T-2545	On request	

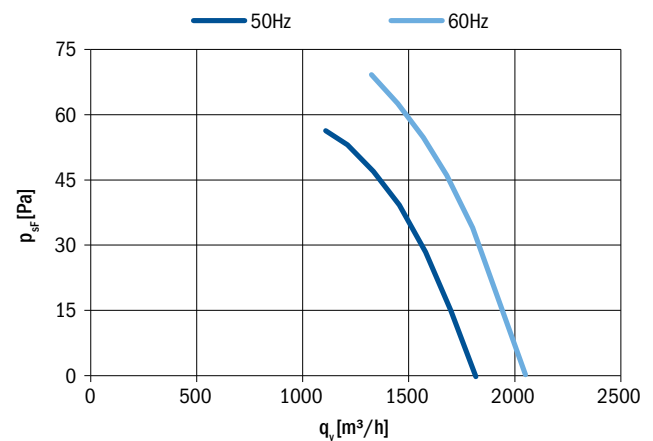
Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400/230 V
Frequency	50/60 Hz
Rated power input	75/85 W
Rated current	0.20/0.35/0.17/0.30 A
Rated speed	1370/1550 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	55 °C
Sound power level A weighted	67/72 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

### ErP data according to EU regulation 327/2011:

Is not subject to the EU regulation 327/2011.

Power input lower than 125 W.

### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.

### General notes

Connection diagrams:

Sucking 0301-1-0049 See section  
Blowing 0301-1-0049 Connection diagrams

Guard grills & wall-plates See section Accessories

Standards compliance See introduction page

**R09\_-3130H\_-4M-3509**

**Diameter:**

**315 mm**

**Nominal data according to standard EN 60335:**

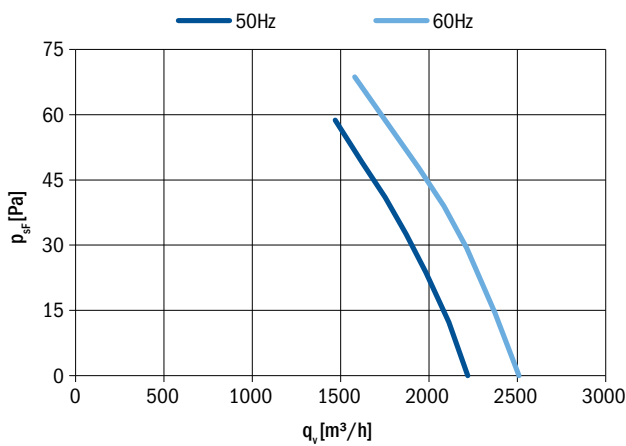
Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	90/120 W
Rated current	0.40/0.55 A
Rated speed	1350/1500 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70/60 °C
Sound power level A weighted	68/72 dB (A)
Condensator	3 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

**Is not subject to the EU regulation 327/2011.**

Power input lower than 125 W.

**Aerodynamic characteristic**

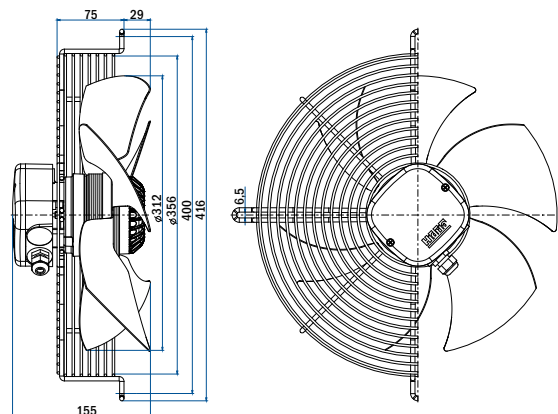


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3130HA-4M-3509	0309-4-1002	3.3
Blowing	R09R-3130HP-4M-3509	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3130HA-4M-3509	0309-4-1015	4.5
Blowing	R09P-3130HP-4M-3509	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3130HA-4M-3509	On request	
Blowing	R09E-3130HP-4M-3509	On request	

**General notes**

Connection diagrams:

Sucking 0301-1-0043 See section  
Blowing 0301-1-0044 Connection diagrams

Guard grills & wall-plates See section Accessories

Standards compliance See introduction page



Diameter:

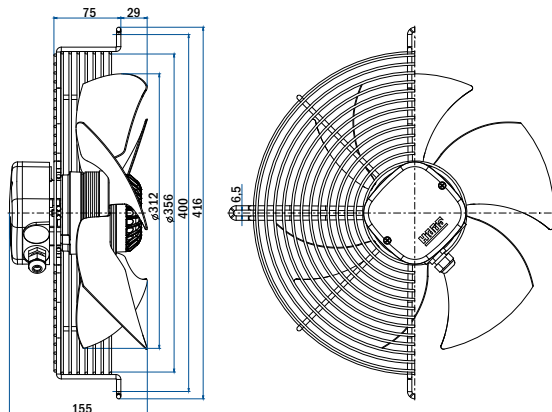
**315 mm**

**R09\_-3130H\_-4T-3524**



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3130HA-4T-3524	0309-4-1039	3.4
Blowing	R09R-3130HP-4T-3524	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3130HA-4T-3524	On request	
Blowing	R09P-3130HP-4T-3524	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3130HA-4T-3524	On request	
Blowing	R09E-3130HP-4T-3524	On request	

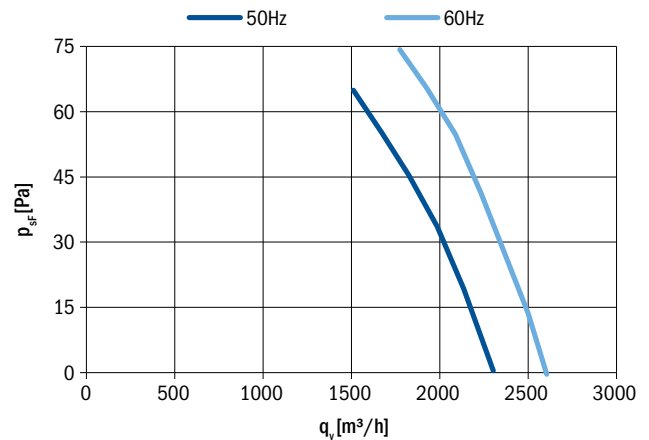
Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400/230 V
Frequency	50/60 Hz
Rated power input	100/120 W
Rated current	0.23/0.41/0.22/0.39 A
Rated speed	1340/1490 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	55 °C
Sound power level A weighted	69/73 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

**Is not subject to the EU regulation 327/2011.**

Power input lower than 125 W.

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.

**General notes**

Connection diagrams:		
Sucking	0301-1-0049	See section
Blowing	0301-1-0049	Connection diagrams
Guard grills & wall-plates	See section Accessories	
Standards compliance	See introduction page	

**R09\_-3330H\_-4M-4259**

**Diameter:**

**330 mm**

**Nominal data according to standard EN 60335:**

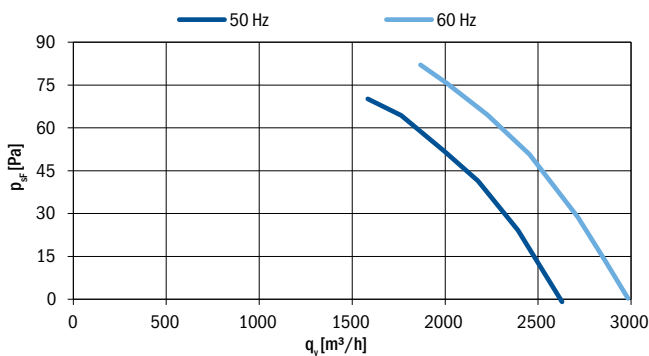
Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	120/150 W
Rated current	0.55/0.67 A
Rated speed	1350/1510 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70/70 °C
Sound power level A weighted	70/74 dB (A)
Condensator	4 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

**Is not subject to the EU regulation 327/2011.**

Power input lower than 125 W.

**Aerodynamic characteristic**

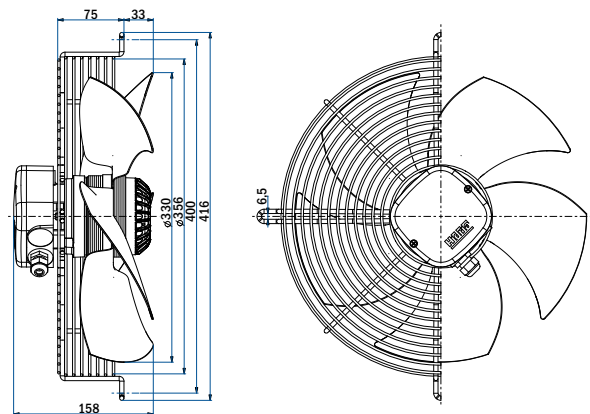


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3330HA-4M-4259	0309-4-1127	3.5
Blowing	R09R-3330HP-4M-4259	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3330HA-4M-4259	On request	
Blowing	R09P-3330HP-4M-4259	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3330HA-4M-4259	On request	
Blowing	R09E-3330HP-4M-4259	On request	

**General notes**

Connection diagrams:

Sucking 0301-1-0043 See section  
Blowing 0301-1-0044 Connection diagrams

Guard grills & wall-plates See section Accessories

Standards compliance See introduction page

Diameter:

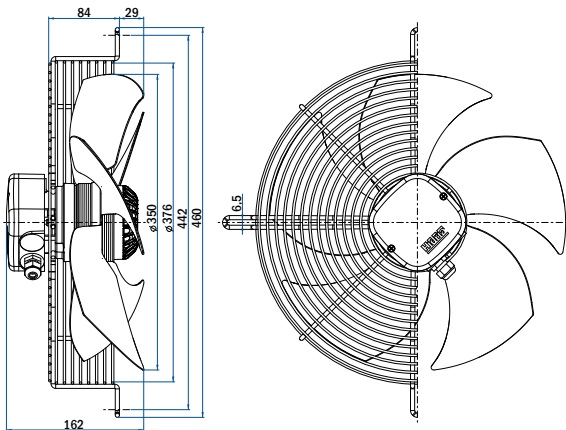
350 mm

R09\_-3530H\_-4M-4237



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3530HA-4M-4237	0309-4-1000	3.7
Blowing	R09R-3530HP-4M-4237	0309-4-1032	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3530HA-4M-4237	0309-4-1013	6.2
Blowing	R09P-3530HP-4M-4237	0309-4-1122	

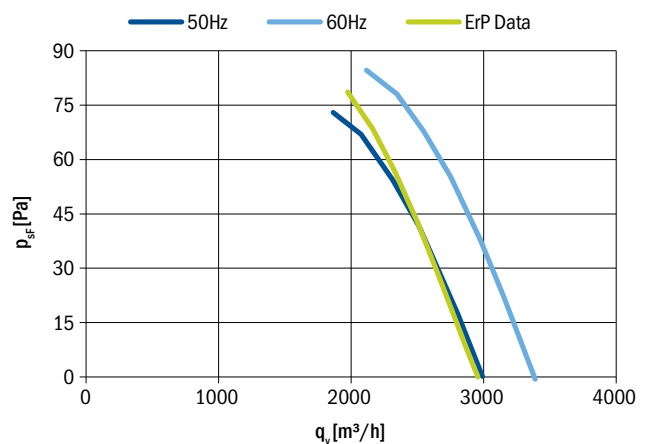
**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3530HA-4M-4237	On request	
Blowing	R09E-3530HP-4M-4237	On request	

Nominal data according to standard EN 60335:	
Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	130/165 W
Rated current	0.60/0.72 A
Rated speed	1290/1380 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	72/75 dB (A)
Condensator	4 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	29.0 %
Measurement category	A
Efficiency category	static
Efficiency grade N	40.7
Variable speed drive	NO
Power input	140 W
Air flow	1975 m <sup>3</sup> /h
Pressure drop	79 Pa
Speed	1333 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

General notes	
Connection diagrams:	
Sucking	0301-1-0043 See section
Blowing	0301-1-0044 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R09\_-3530H\_-4T-4258**

**Diameter:**

**350 mm**

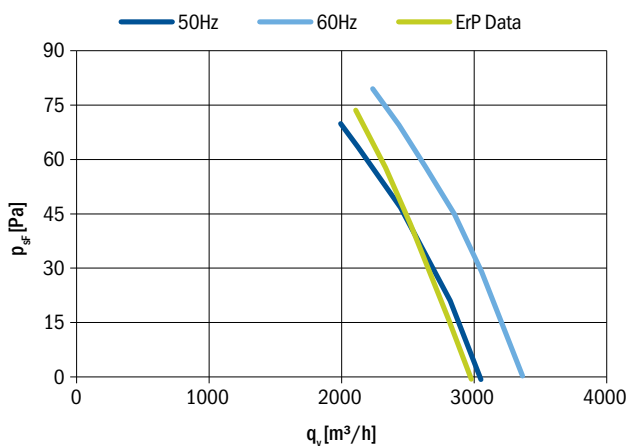
**Nominal data according to standard EN 60335:**

Phase	3~
Nominal voltage	400/230 V
Frequency	50/60 Hz
Rated power input	150/192 W
Rated current	0.30/0.57/0.33/0.57 A
Rated speed	1330/1460 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	65/70 °C
Sound power level A weighted	72/75 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

Overall efficiency	29.5 %
Measurement category	A
Efficiency category	static
Efficiency grade N	41.2
Variable speed drive	NO
Power input	141 W
Air flow	2107 m <sup>3</sup> /h
Pressure drop	74 Pa
Speed	1332 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

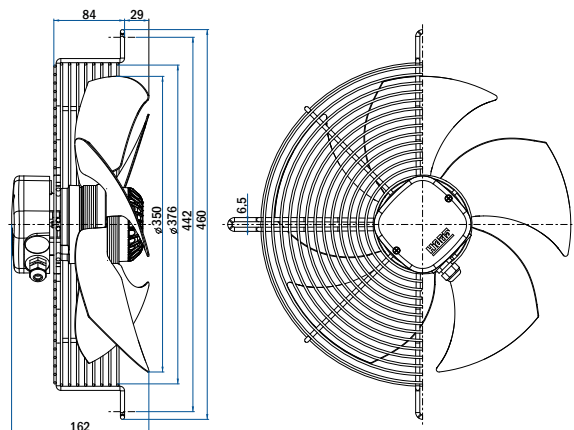
**General notes**

Connection diagrams:		
Sucking	0301-1-0049	See section
Blowing	0301-1-0049	Connection diagrams
Guard grills & wall-plates	See section Accessories	
Standards compliance	See introduction page	



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09R-3530HA-4T-4258	0309-4-1023	3.7
Blowing	R09R-3530HP-4T-4258	0309-4-1048	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09P-3530HA-4T-4258	On request	
Blowing	R09P-3530HP-4T-4258	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R09E-3530HA-4T-4258	On request	
Blowing	R09E-3530HP-4T-4258	On request	

Diameter:

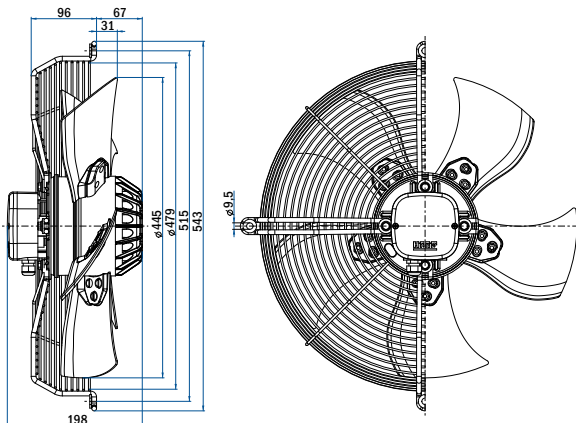
450 mm

R13\_-4530H\_-4M-5066



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-4530HA-4M-5066	0313-4-1082	10.0
Blowing	R13R-4530HP-4M-5066	On request	



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-4530HA-4M-5066	On request	
Blowing	R13P-4530HP-4M-5066	On request	

### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-4530HA-4M-5066	On request	
Blowing	R13E-4530HP-4M-5066	On request	

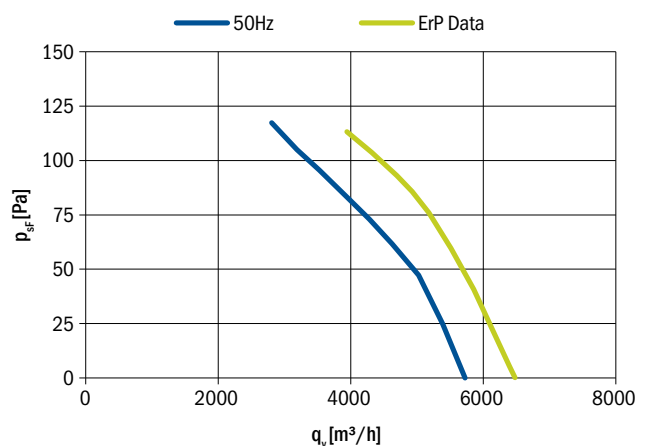
### Nominal data according to standard EN 60335:

Phase	1~
Nominal voltage	230 V
Frequency	50 Hz
Rated power input	400 W
Rated current	1.80 A
Rated speed	1400 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	72 dB (A)
Condensator	10 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

### ErP data according to EU regulation 327/2011:

Overall efficiency	27.5 %
Measurement category	A
Efficiency category	static
Efficiency grade N	36.1
Variable speed drive	NO
Power input	442 W
Air flow	4695 m <sup>3</sup> /h
Pressure drop	93 Pa
Speed	1370 RPM
Specific ratio	1.00

### Aerodynamic characteristic



Fan characteristic measured in short bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

### General notes

Connection diagrams:		
Sucking	0301-1-0044	See section
Blowing	0301-1-0043	Connection diagrams
Guard grills & wall-plates	See section Accessories	
Standards compliance	See introduction page	

**R13\_-4530H\_-4T2-5059**

**Diameter:**

**450 mm**

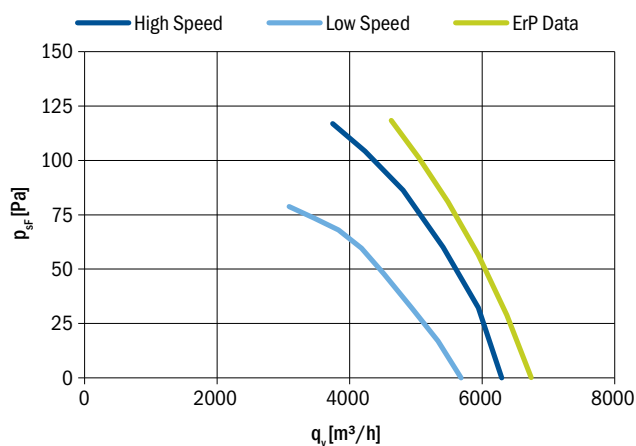
**Nominal data according to standard EN 60335:**

Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	465/330 W
Rated current	0.95/0.50 A
Rated speed	1400/1260 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70 °C
Sound power level A weighted	73/69 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

Overall efficiency	29.3 %
Measurement category	A
Efficiency category	static
Efficiency grade N	37.5
Variable speed drive	NO
Power input	500 W
Air flow	4631 m <sup>3</sup> /h
Pressure drop	118 Pa
Speed	1372 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.

ErP characteristic measured in full bell mouth without guard grill.

**General notes**

Connection diagrams:

Sucking 0301-1-0033 See section  
Blowing 0301-1-0033 Connection diagrams

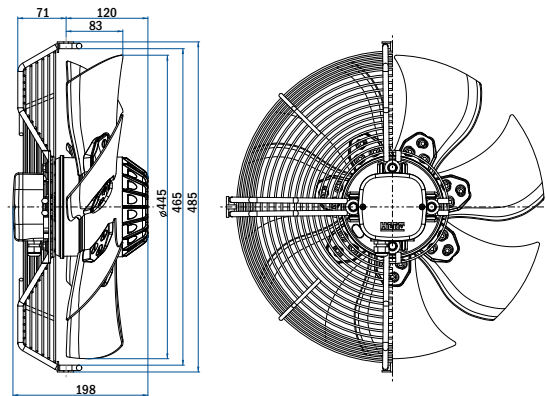
Guard grills & wall-plates See section Accessories

Standards compliance See introduction page



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-4530HA-4T2-5059	0313-4-1152	11.0
Blowing	R13R-4530HP-4T2-5059	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-4530HA-4T2-5059	On request	
Blowing	R13P-4530HP-4T2-5059	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-4530HA-4T2-5059	On request	
Blowing	R13E-4530HP-4T2-5059	On request	

Diameter:

450 mm

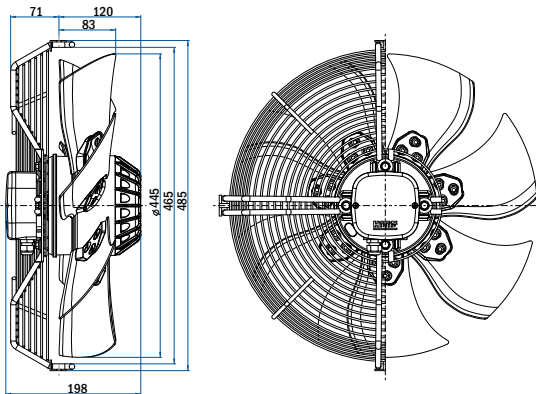
R13\_-4530H\_-6T2-5065



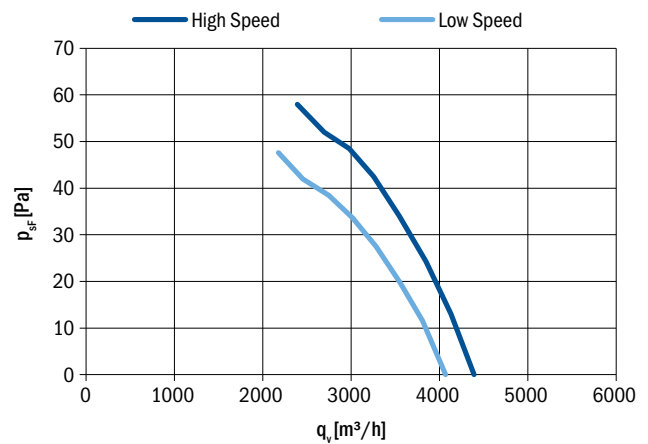
Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	170/105 W
Rated current	0.70/0.23 A
Rated speed	940/840 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70 °C
Sound power level A weighted	67/62 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-4530HA-6T2-5065	0313-4-1072	11.0
Blowing	R13R-4530HA-6T2-5065	On request	



### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill

### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-4530HA-6T2-5065	0313-4-1071	16.5
Blowing	R13P-4530HA-6T2-5065	On request	

### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-4530HA-6T2-5065	0313-4-1062	8.1
Blowing	R13E-4530HA-6T2-5065	On request	

General notes	
Connection diagrams:	
Sucking	0301-1-0033 See section
Blowing	0301-1-0033 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R13\_-5030H\_-4M-7075**

**Diameter:**

**500 mm**

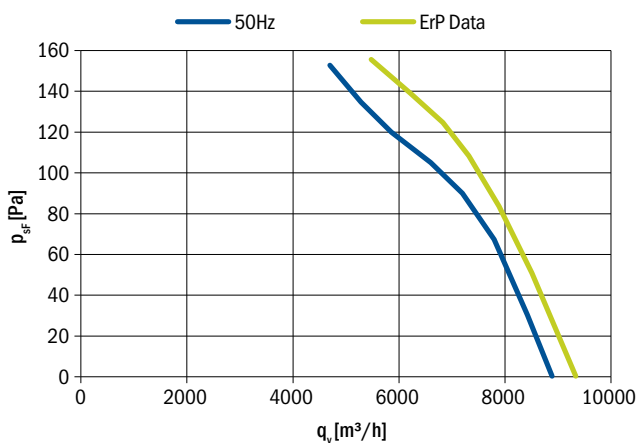
**Nominal data according to standard EN 60335:**

Phase	1~
Nominal voltage	230 V
Frequency	50 Hz
Rated power input	780 W
Rated current	3.50 A
Rated speed	1370 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	76 dB (A)
Condensator	16 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

Overall efficiency	29.4 %
Measurement category	A
Efficiency category	static
Efficiency grade N	36.4
Variable speed drive	NO
Power input	771 W
Air flow	6829 m³/h
Pressure drop	125 Pa
Speed	1336 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in short bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

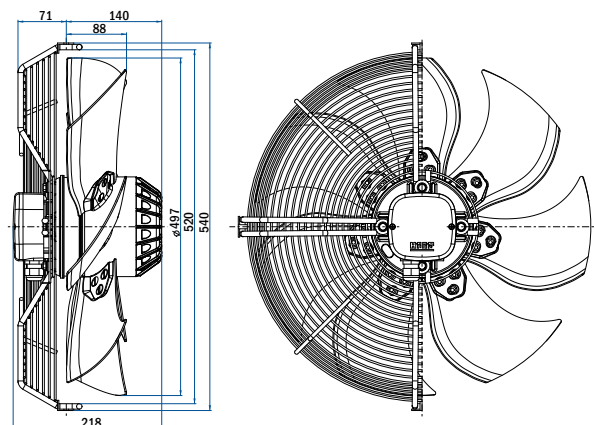
**General notes**

Connection diagrams:			
Sucking	0301-1-0035	See section	
Blowing	0301-1-0029	Connection diagrams	
Guard grills & wall-plates	See section Accessories		
Standards compliance	See introduction page		



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5030HA-4M-7075	0313-4-1081	13.1
Blowing	R13R-5030HP-4M-7075	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5030HA-4M-7075	0313-4-1120	18.6
Blowing	R13P-5030HP-4M-7075	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5030HA-4M-7075	0313-4-1121	10.7
Blowing	R13E-5030HP-4M-7075	On request	



Diameter:

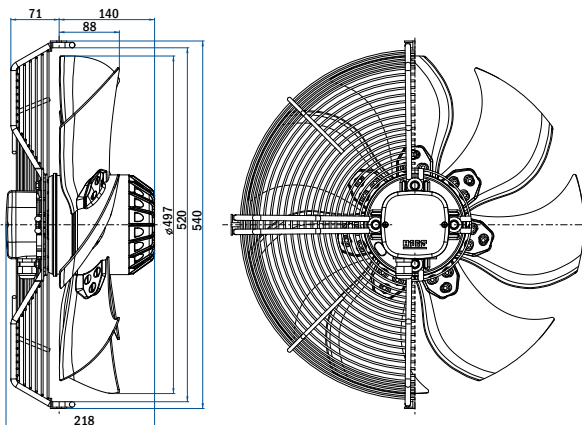
500 mm

R13\_-5030H\_-4T2-70101



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5030HA-4T2-70101	0313-4-1038	12.5
Blowing	R13R-5030HP-4T2-70101	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5030HA-4T2-70101	0313-4-1028	18.0
Blowing	R13P-5030HP-4T2-70101	On request	

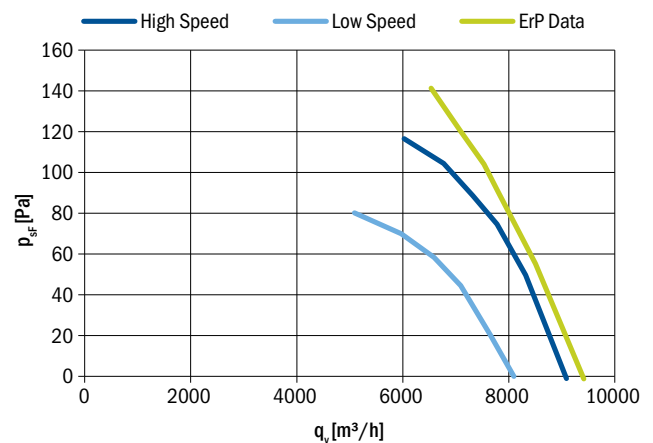
**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5030HA-4T2-70101	0313-4-1068	10.1
Blowing	R13E-5030HP-4T2-70101	On request	

Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	770/590 W
Rated current	1.6/0.96 A
Rated speed	1380/1165 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	55/65 °C
Sound power level A weighted	76/72 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	31.1 %
Measurement category	A
Efficiency category	static
Efficiency grade N	40.2
Variable speed drive	NO
Power input	745 W
Air flow	6519 m <sup>3</sup> /h
Pressure drop	141 Pa
Speed	1390 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

General notes	
Connection diagrams:	
Sucking	0301-1-0033 See section
Blowing	0301-1-0033 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R13\_-5030H\_-6M-5072**

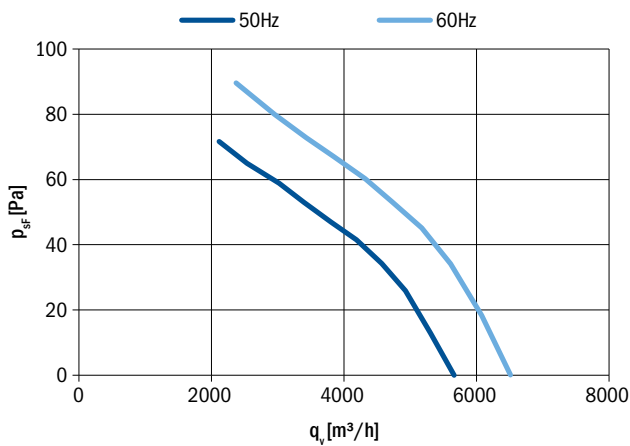
**Diameter:**

**500 mm**

**Nominal data according to standard EN 60335:**

Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	245/320 W
Rated current	1.10/1.35 A
Rated speed	900/1030 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	72/76 dB (A)
Condensator	8 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**Aerodynamic characteristic**

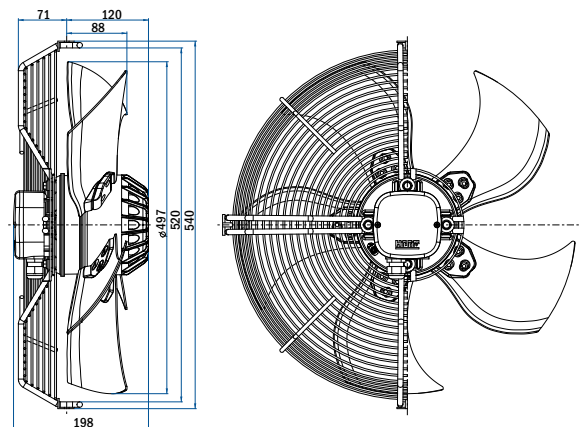


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5030HA-6M-5072	0313-4-1083	10.3
Blowing	R13R-5030HP-6M-5072	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5030HA-6M-5072	0313-4-1105	15.8
Blowing	R13P-5030HP-6M-5072	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5030HA-6M-5072	0313-4-1104	7.9
Blowing	R13E-5030HP-6M-5072	On request	

**General notes**

Connection diagrams:			
Sucking	0301-1-0044	See section	
Blowing	0301-1-0043	Connection diagrams	
Guard grills & wall-plates	See section Accessories		
Standards compliance	See introduction page		

Diameter:

500 mm

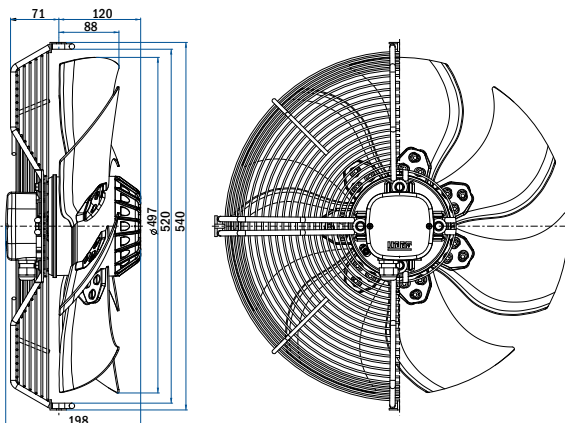
R13\_-5030H\_-6M-5071



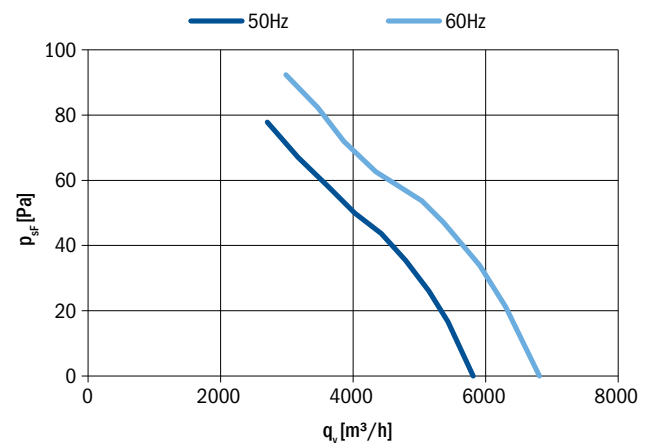
Nominal data according to standard EN 60335:	
Phase	1~
Nominal voltage	230 V
Frequency	50/60 Hz
Rated power input	280/370 W
Rated current	1.20/1.50 A
Rated speed	890/1000 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	55 °C
Sound power level A weighted	75/78 dB (A)
Condensator	8 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5030HA-6M-5071	0313-4-1080	10.5
Blowing	R13R-5030HP-6M-5071	On request	



### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.

### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5030HA-6M-5071	0309-4-1102	16.0
Blowing	R13P-5030HP-6M-5071	On request	

### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5030HA-6M-5071	0313-4-1101	8.0
Blowing	R13E-5030HP-6M-5071	On request	

General notes	
Connection diagrams:	
Sucking	0301-1-0044 See section
Blowing	0301-1-0043 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R13\_-5030H\_-6T2-5068**

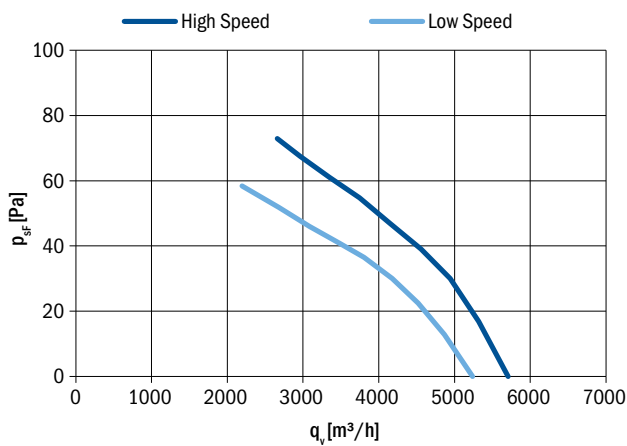
**Diameter:**

**500 mm**

**Nominal data according to standard EN 60335:**

Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	210/150 W
Rated current	0.60/0.27 A
Rated speed	960/880 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	72/70 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**Aerodynamic characteristic**

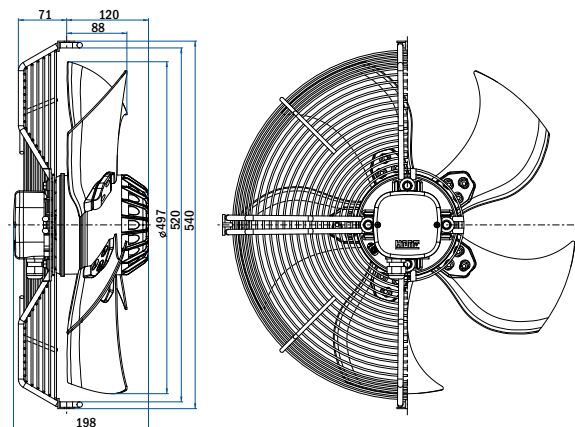


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5030HA-6T2-5068	0313-4-1089	10.3
Blowing	R13R-5030HP-6T2-5068	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5030HA-6T2-5068	0313-4-1090	15.8
Blowing	R13P-5030HP-6T2-5068	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5030HA-6T2-5068	0313-4-1088	7.9
Blowing	R13E-5030HP-6T2-5068	On request	

**General notes**

Connection diagrams:			
Sucking	0301-1-0033	See section	
Blowing	0301-1-0033	Connection diagrams	
Guard grills & wall-plates	See section Accessories		
Standards compliance	See introduction page		

Diameter:

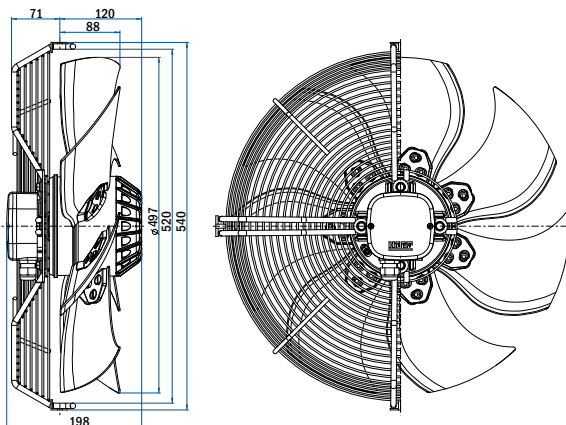
500 mm

R13\_-5030H\_-6T2-5065



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5030HA-6T2-5065	0313-4-1086	10.5
Blowing	R13R-5030HP-6T2-5065	On request	



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5030HA-6T2-5065	0313-4-1087	16.0
Blowing	R13P-5030HP-6T2-5065	On request	

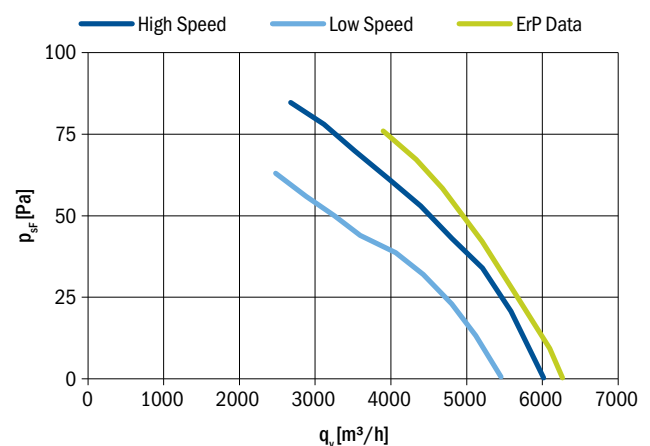
### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5030HA-6T2-5065	0313-4-1063	8.0
Blowing	R13E-5030HP-6T2-5065	On request	

Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	255/175 W
Rated current	0.67/0.31 A
Rated speed	960/870 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	65 °C
Sound power level A weighted	73/71 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	27.3 %
Measurement category	A
Efficiency category	static
Efficiency grade N	37.1
Variable speed drive	NO
Power input	285 W
Air flow	4335 m <sup>3</sup> /h
Pressure drop	67 Pa
Speed	939 RPM
Specific ratio	1.00

### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.

ErP characteristic measured in full bell mouth without guard grill.

### General notes

Connection diagrams:

Sucking 0301-1-0033 See section  
Blowing 0301-1-0033 Connection diagrams

Guard grills & wall-plates See section Accessories

Standards compliance See introduction page

**R13\_-5630H\_-6M-7036**

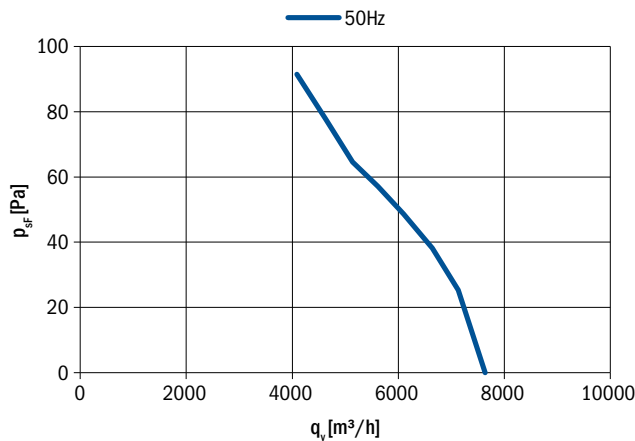
**Diameter:**

**560 mm**

**Nominal data according to standard EN 60335:**

Phase	1~
Nominal voltage	230 V
Frequency	50 Hz
Rated power input	420 W
Rated current	1.90 A
Rated speed	865 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	55 °C
Sound power level A weighted	76 dB (A)
Condensator	12.5 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**Aerodynamic characteristic**

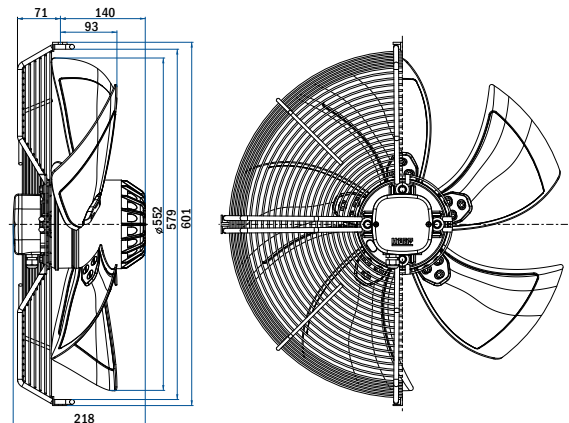


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5630HA-6M-7036	0313-4-1007	13.3
Blowing	R13R-5630HP-6M-7036	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5630HA-6M-7036	0313-4-1031	21.0
Blowing	R13P-5630HP-6M-7036	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5630HA-6M-7036	0313-4-1066	10.5
Blowing	R13E-5630HP-6M-7036	On request	

**General notes**

Connection diagrams:			
Sucking	0301-1-0044	See section	
Blowing	0301-1-0043	Connection diagrams	
Guard grills & wall-plates	See section Accessories		
Standards compliance	See introduction page		

Diameter:

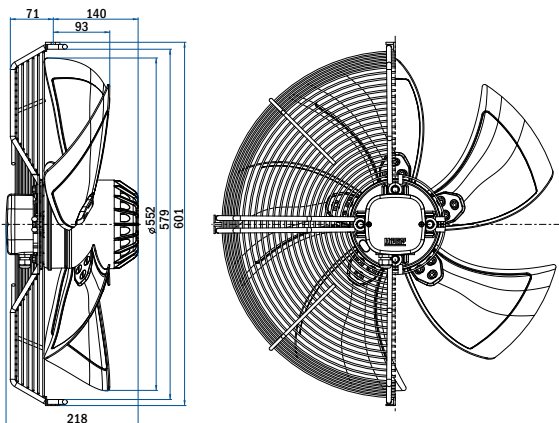
560 mm

R13\_-5630H\_-6T2-7008



Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-5630HA-6T2-7008	0313-4-1011	13.3
Blowing	R13R-5630HP-6T2-7008	0313-4-1020	



Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-5630HA-6T2-7008	0313-4-1015	21.0
Blowing	R13P-5630HP-6T2-7008	On request	

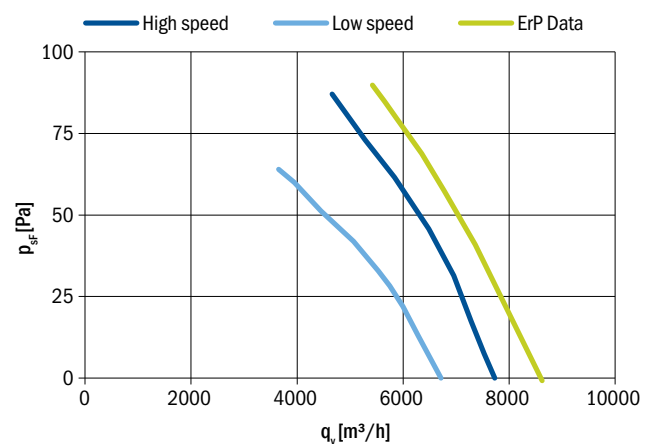
Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-5630HA-6T2-7008	0313-4-1045	10.5
Blowing	R13E-5630HP-6T2-7008	On request	

Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	380/250 W
Rated current	0.85/0.44 A
Rated speed	910/760 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70 °C
Sound power level A weighted	76/71 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	31.4 %
Measurement category	A
Efficiency category	static
Efficiency grade N	40.2
Variable speed drive	NO
Power input	411 W
Air flow	5423 m <sup>3</sup> /h
Pressure drop	90 Pa
Speed	920 RPM
Specific ratio	1.00

Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

General notes	
Connection diagrams:	
Sucking	0301-1-0033 See section
Blowing	0301-1-0033 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R13\_-6330H\_-6M-X055**

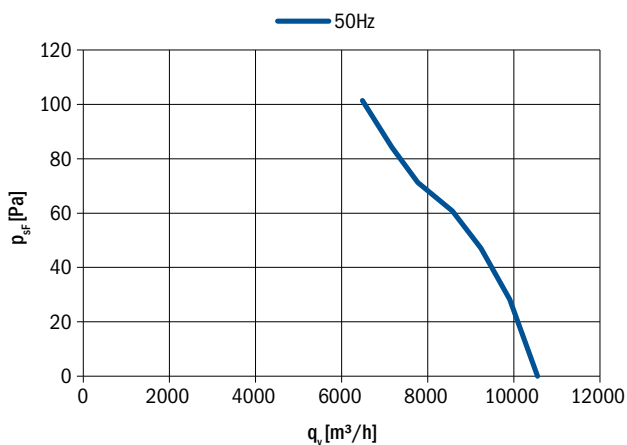
**Diameter:**

**630 mm**

**Nominal data according to standard EN 60335:**

Phase	1~
Nominal voltage	230 V
Frequency	50 Hz
Rated power input	680 W
Rated current	3.10 A
Rated speed	890 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	50 °C
Sound power level A weighted	77 dB (A)
Condensator	18 µF/450 V
Connection	terminal box
Insulation class	155
Protection class	IP54

**Aerodynamic characteristic**

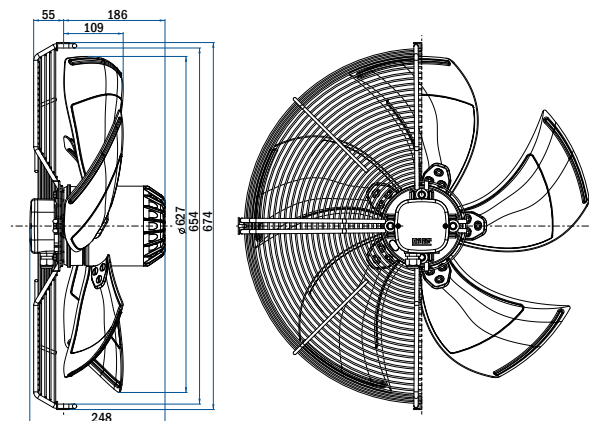


Fan characteristic measured in full bell mouth with guard grill.



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-6330HA-6M-X055	0313-4-1005	17.0
Blowing	R13R-6330HP-6M-X055	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-6330HA-6M-X055	0313-4-1060	24.7
Blowing	R13P-6330HP-6M-X055	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-6330HA-6M-X055	0313-4-1061	14.2
Blowing	R13E-6330HP-6M-X055	On request	

**General notes**

Connection diagrams:			
Sucking	0301-1-0035	See section	
Blowing	0301-1-0029	Connection diagrams	
Guard grills & wall-plates	See section Accessories		
Standards compliance	See introduction page		



Diameter:

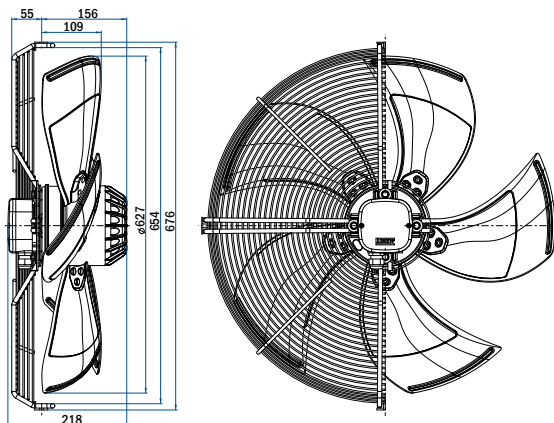
630 mm

R13\_-6330H\_-6T2-7042



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-6330HA-6T2-7042	0313-4-1000	14.5
Blowing	R13R-6330HP-6T2-7042	0313-4-1017	



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-6330HA-6T2-7042	0313-4-1013	23.3
Blowing	R13P-6330HP-6T2-7042	0313-4-1019	

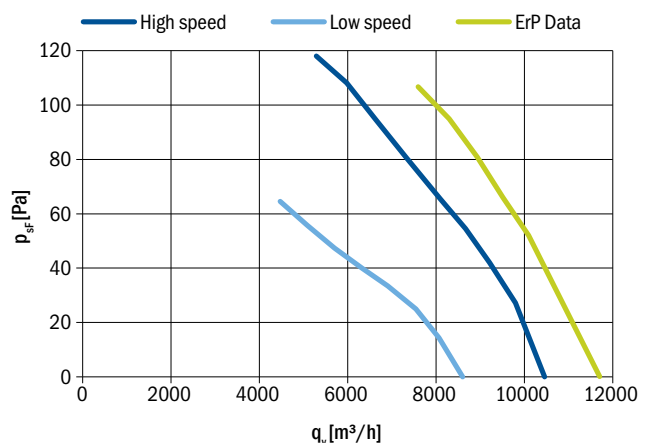
### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-6330HA-6T2-7042	0313-4-1042	10.8
Blowing	R13E-6330HP-6T2-7042	0313-4-1050	

Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	600/380 W
Rated current	1.25/0.65 A
Rated speed	870/640 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	40 °C
Sound power level A weighted	77/73 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	32.7 %
Measurement category	A
Efficiency category	static
Efficiency grade N	40.1
Variable speed drive	NO
Power input	680 W
Air flow	7593 m <sup>3</sup> /h
Pressure drop	107 Pa
Speed	877 RPM
Specific ratio	1.00

### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

General notes	
Connection diagrams:	
Sucking	0301-1-0033 See section
Blowing	0301-1-0033 Connection diagrams
Guard grills & wall-plates	See section Accessories
Standards compliance	See introduction page

**R13\_-6330H\_-8T2-7038**

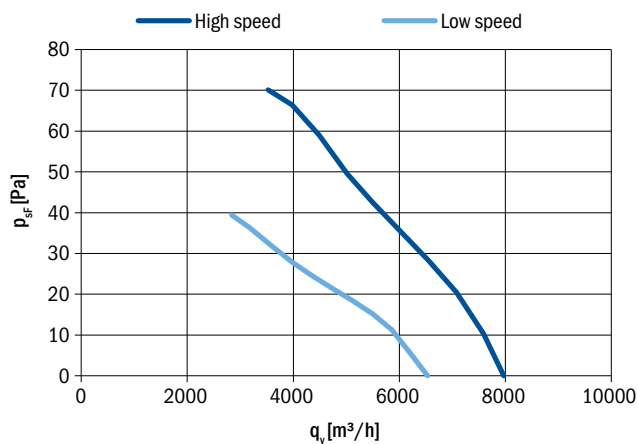
**Diameter:**

**630 mm**

**Nominal data according to standard EN 60335:**

Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	280/175 W
Rated current	0.68/0.30 A
Rated speed	650/510 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70 °C
Sound power level A weighted	71/66 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

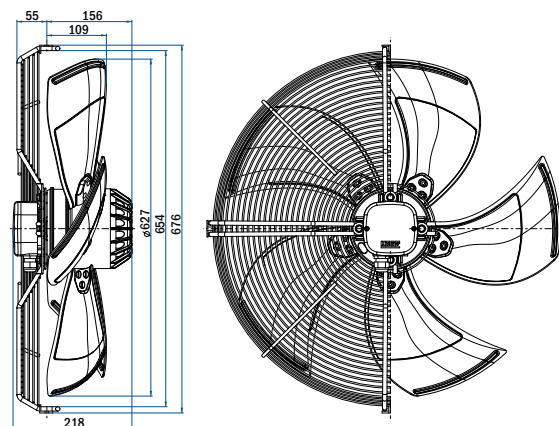
**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.

**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13R-6330HA-8T2-7038	0313-4-1023	14.5
Blowing	R13R-6330HP-8T2-7038	On request	



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13P-6330HA-8T2-7038	0313-4-1030	23.3
Blowing	R13P-6330HP-8T2-7038	On request	

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R13E-6330HA-8T2-7038	0313-4-1043	10.8
Blowing	R13E-6330HP-8T2-7038	On request	

**General notes**

Connection diagrams:			
Sucking	0301-1-0033	See section	
Blowing	0301-1-0033	Connection diagrams	
Guard grills & wall-plates	See section Accessories		
Standards compliance	See introduction page		

Diameter:

630 mm

R18\_-6330H\_-4T2-X003

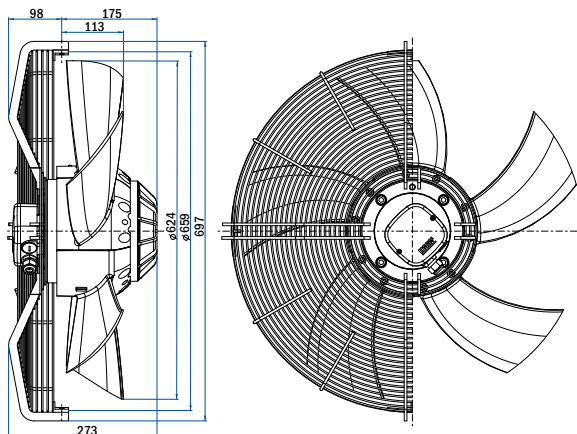


**Nominal data according to standard EN 60335:**

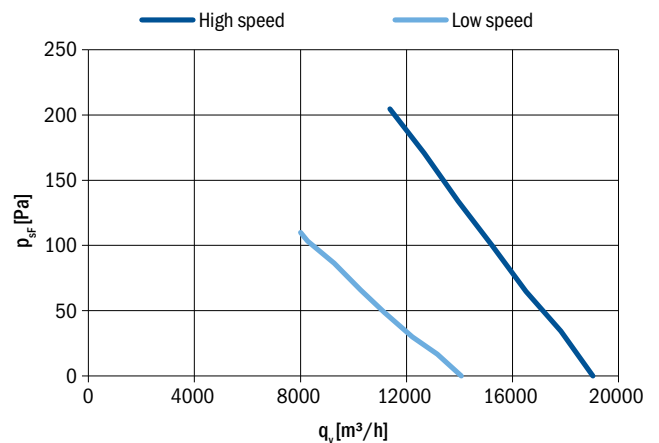
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	2350/1360 W
Rated current	4.65/2.75 A
Rated speed	1360/1000 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	50 °C
Sound power level A weighted	89/83 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18R-6330HA-4T2-X003	0318-4-0014	30.5



**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.

**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18P-6330HA-4T2-X003	0318-4-0020	39.0

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18E-6330HA-4T2-X003	0318-4-0010	26.0

**General notes**

Connection diagrams:	0301-1-0031	See section Connection diagrams
Guard grills & wall-plates		See section Accessories
Standards compliance		See introduction page

**R18\_-7130H\_-6T2-7502**

**Diameter:**

**710 mm**

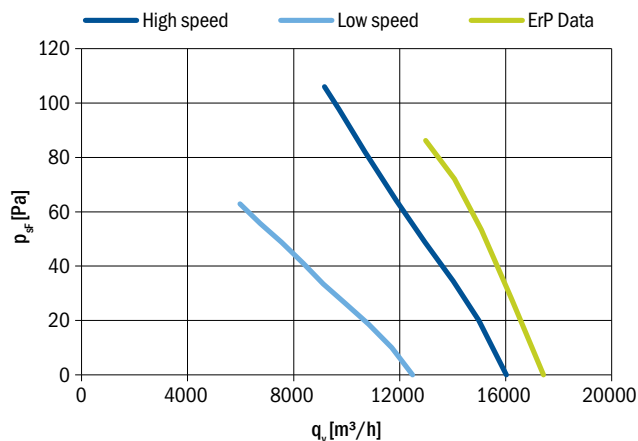
**Nominal data according to standard EN 60335:**

Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	990/650 W
Rated current	1.90/1.20 A
Rated speed	870/620 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	70 °C
Sound power level A weighted	78/74 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

Overall efficiency	29.8 %
Measurement category	A
Efficiency category	static
Efficiency grade N	36.1
Variable speed drive	NO
Power input	998 W
Air flow	12977 m³/h
Pressure drop	86 Pa
Speed	888 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

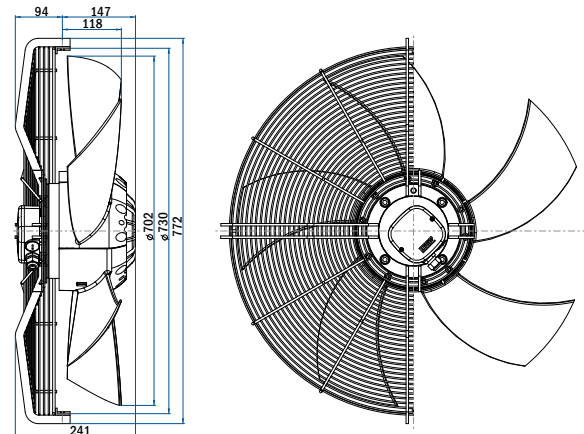
**General notes**

Connection diagrams:	0301-1-0031	See section Connection diagrams
Guard grills & wall-plates		See section Accessories
Standards compliance		See introduction page



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18R-7130HA-6T2-7502	0318-4-0007	27.2



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18P-7130HA-6T2-7502	0318-4-0003	34.9

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18E-7130HA-6T2-7502	0318-4-0016	22.0

Diameter:

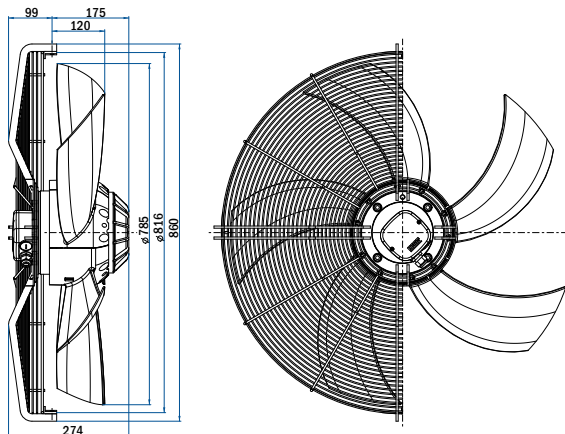
800 mm

R18\_-8030H\_-6T2-X004



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18R-8030HA-6T2-X004	0318-4-0026	32.8



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18P-8030HA-6T2-X004	0318-4-0028	45.7

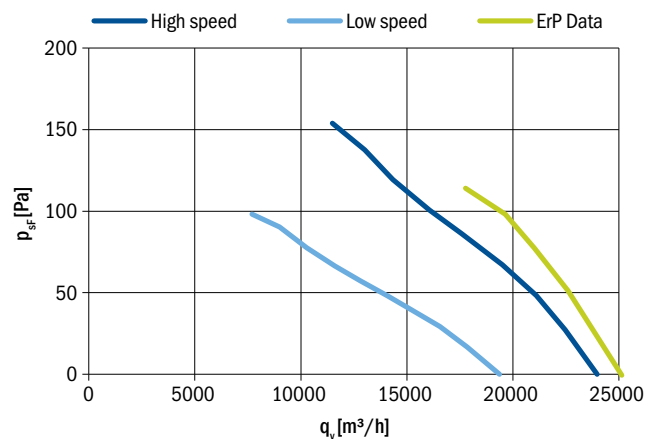
### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18E-8030HA-6T2-X004	0318-4-0029	27.0

Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	1560/1050 W
Rated current	3.50/2.00 A
Rated speed	900/700 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	82/77 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	31.6 %
Measurement category	A
Efficiency category	static
Efficiency grade N	36.5
Variable speed drive	NO
Power input	1716 W
Air flow	17772 m <sup>3</sup> /h
Pressure drop	114 Pa
Speed	912 RPM
Specific ratio	1.00

### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.

ErP characteristic measured in full bell mouth without guard grill.

### General notes

Connection diagrams:	0301-1-0031	See section Connection diagrams
Guard grills & wall-plates		See section Accessories
Standards compliance		See introduction page

**R18\_-8030H\_-6T2-X001**

**Diameter:**

**800 mm**

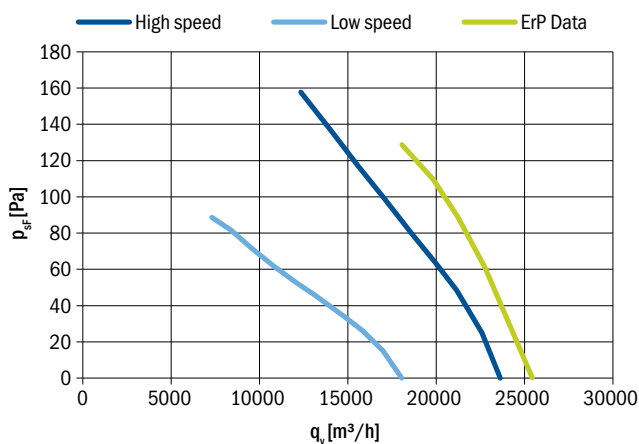
**Nominal data according to standard EN 60335:**

Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	2000/1050 W
Rated current	4.0/2.3 A
Rated speed	890/630 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	50 °C
Sound power level A weighted	81/75 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

**ErP data according to EU regulation 327/2011:**

Overall efficiency	31.7 %
Measurement category	A
Efficiency category	static
Efficiency grade N	36.1
Variable speed drive	NO
Power input	2032 W
Air flow	18059 m³/h
Pressure drop	129 Pa
Speed	890 RPM
Specific ratio	1.00

**Aerodynamic characteristic**



Fan characteristic measured in full bell mouth with guard grill.  
ErP characteristic measured in full bell mouth without guard grill.

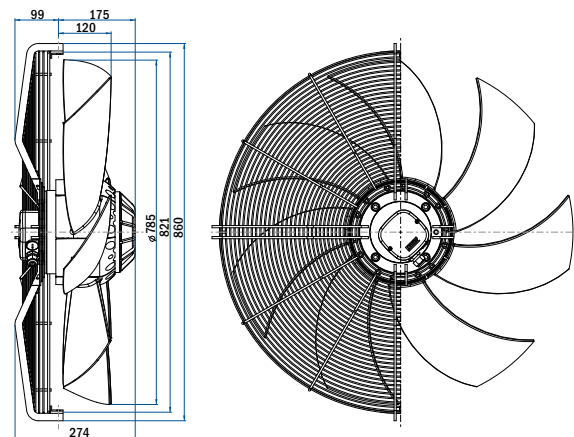
**General notes**

Connection diagrams:	0301-1-0031	See section Connection diagrams
Guard grills & wall-plates		See section Accessories
Standards compliance		See introduction page



**Fan with guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18R-8030HA-6T2-X001	0318-4-0005	34.8



**Fan with plate**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18P-8030HA-6T2-X001	0318-4-0001	47.7

**Fan without guard grill**

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18E-8030HA-6T2-X001	0318-4-0009	29.0

Diameter:

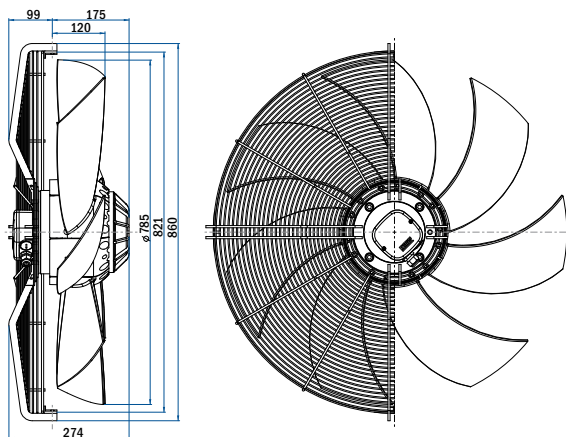
800 mm

R18\_-8030H\_-8T2-X000



### Fan with guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18R-8030HA-8T2-X000	0318-4-0004	34.8



### Fan with plate

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18P-8030HA-8T2-X000	0318-4-0000	47.7

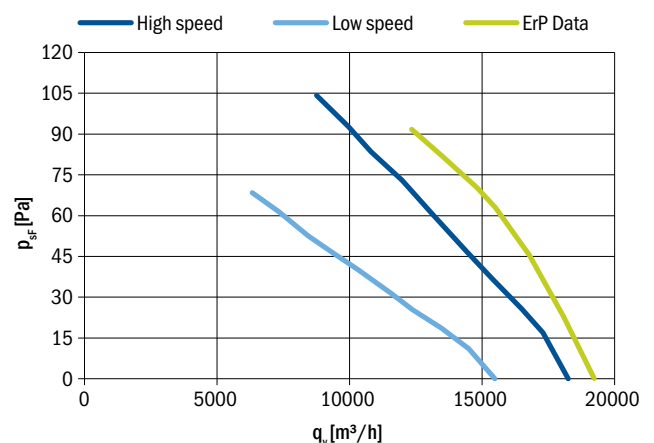
### Fan without guard grill

Airflow Direction	Type	Code	Weight (kg)
Sucking	R18E-8030HA-8T2-X000	0318-4-0008	29.0

Nominal data according to standard EN 60335:	
Phase	3~
Nominal voltage	400 V
Frequency	50 Hz
Speed	high/low
Rated power input	920/600 W
Rated current	2.3/1.15 A
Rated speed	680/560 RPM
Min. ambient temperature	-30 °C
Max. ambient temperature	60 °C
Sound power level A weighted	77/69.5 dB (A)
Connection	terminal box
Insulation class	155
Protection class	IP54

ErP data according to EU regulation 327/2011:	
Overall efficiency	30.8 %
Measurement category	A
Efficiency category	static
Efficiency grade N	37.2
Variable speed drive	NO
Power input	984 W
Air flow	12343 m <sup>3</sup> /h
Pressure drop	92 Pa
Speed	687 RPM
Specific ratio	1.00

### Aerodynamic characteristic



Fan characteristic measured in full bell mouth with guard grill.

ErP characteristic measured in full bell mouth without guard grill.

### General notes

Connection	0301-1-0031	See section diagrams:
Guard grills & wall-plates		See section Accessories
Standards compliance		See introduction page