AXIS-P
AXIS-FP

Axial pressurisation fans
Axial smoke extraction fans

BLAUBERG Ventilatoren

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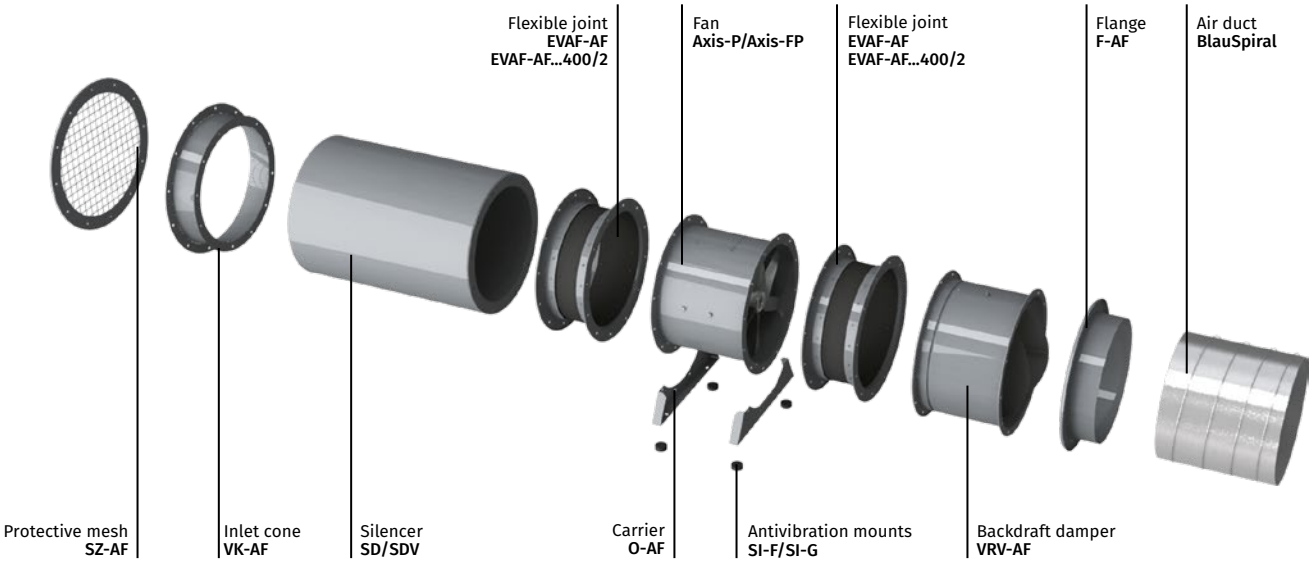
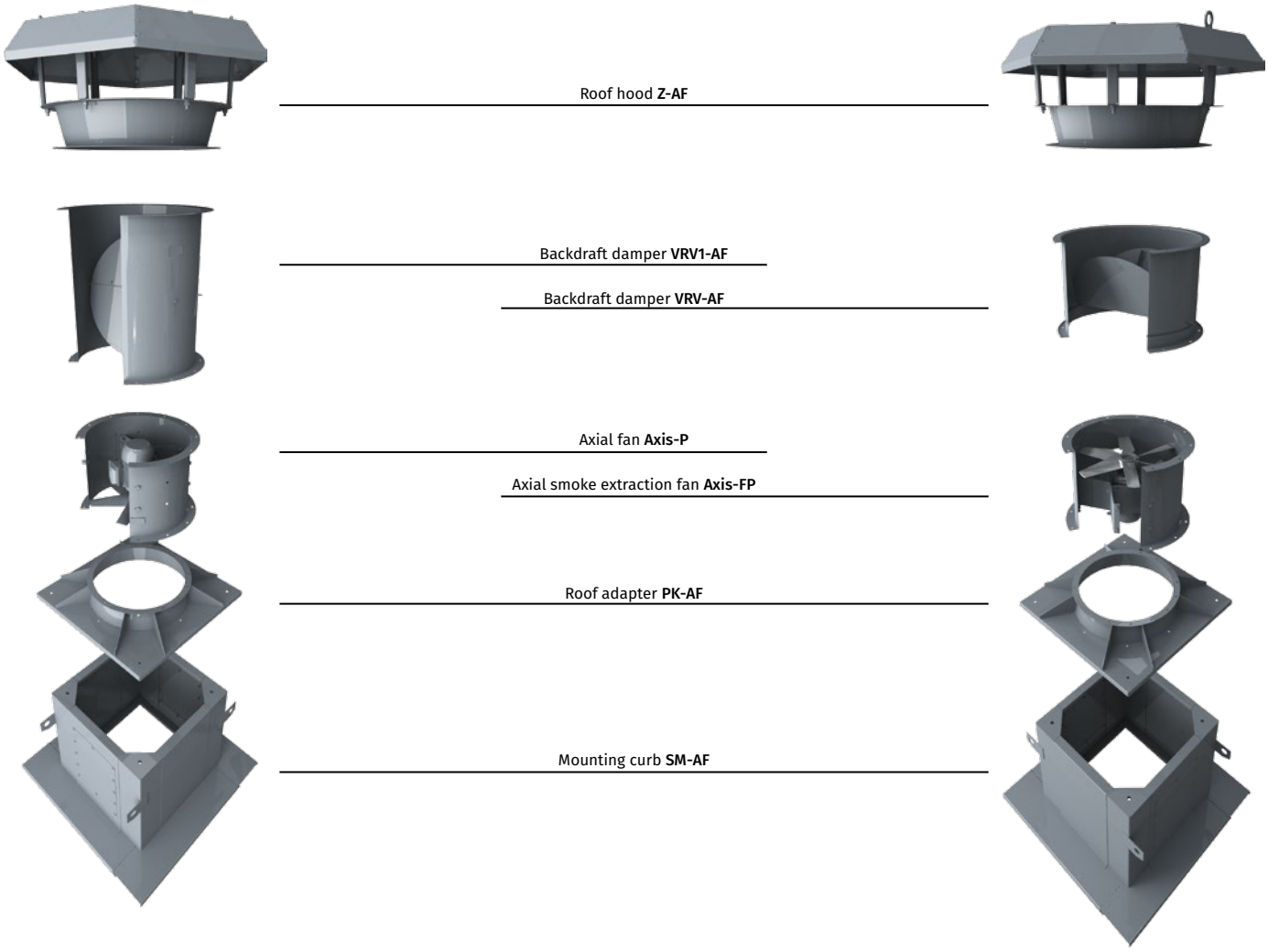
Complete solutions for axial fans



Installation example of axial fans on rooftop

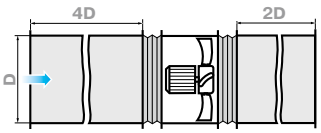
Air pressurisation system

Smoke extraction system



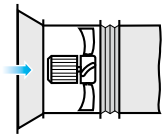
FAN INSTALLATION INTO AN AIR DUCT SYSTEM

- To ensure a uniform air flow the fan should be preceded by a straight duct section with a cross-section area equal to half of that of the fan. The length of the duct section should be 3 ÷ 4 D (D is the inner diameter of the fan). The length of the straight duct section downstream of the fan should be 1.5 ÷ 2 D.
- Reduction of the recommended duct length values results in a drop of the fan pressure and performance. To reduce noise and vibration use the EVAF-AF flexible joints.



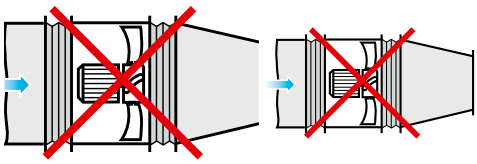
FAN INSTALLATION WITH NO UPSTREAM DUCTING

- Axial fans without upstream ducting must be equipped with the VK-AF inlet cone to improve the air flow parameters.



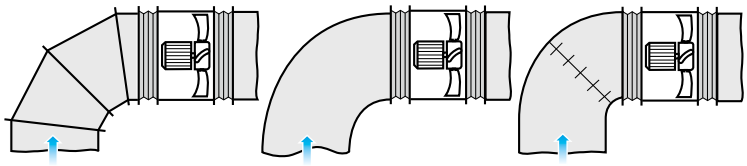
FAN INSTALLATION WITH NO DOWNSTREAM DUCTING

- If the axial fan is a terminal device of the ventilation system (i.e. there is no downstream ducting) the unit must be equipped with a diffuser to reduce the air flow velocity and the fan dynamic pressure. Reduction of the air discharge velocity results in a significant reduction of shock losses which are proportional to the square of velocity decrement.
- The fan should not be equipped with a downstream contractor.



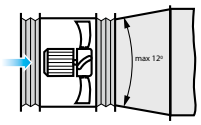
INSTALLATION NEAR BENDS

- To install the fan directly downstream of a bend (elbow) use a curved section with a large bending radius or an array of internal guide vanes.



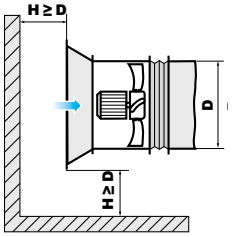
CHANGING DIAMETER INSTALLATION

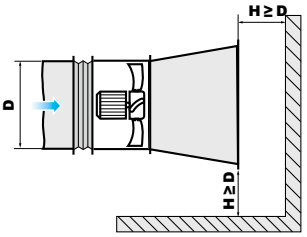
- When changing from a smaller diameter to a larger one use a connector diffuser with the maximum opening angle of 12°.



OBSTRUCTED SPACE INSTALLATION

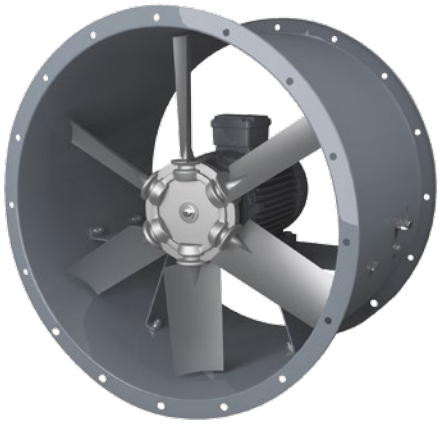
- To ensure normal operation of the fan in an obstructed space make sure to provide for a sufficient distance between the inlet and outlet flanges and the floor, walls, bulky equipment and obstacles.





Axis-P

Axial pressurisation fan



Use

The fans are used:

- as a part of a smoke extraction system for air pressurization to create a positive air pressure differential in stairway enclosures, airlock vestibules and lift shafts, to prevent spreading of smoke in premises, protect people using evacuation routes from fire hazards and enable conditions for fire-extinguishing measures.
- in general ventilation systems in industrial, administrative and residential buildings.

Air flow:
up to 113 000 m³/h

ErP 2015

Design

- The metal casing with rolled flanges helps achieve outstanding rigidity and minimum clearances between the casing and the blades. There is an inspection hatch in the casing for easy maintenance. All the casing components are powder coated for improved protection against the environmental effects.
- By default, the fan is equipped with an external terminal box located on the fan casing.

Motor

- The fans are equipped with three-phase (400 V/50 Hz) single-speed 2-, 4- or 6-pole electric motors.
- Motor with energy efficiency class IE3 on request.

Impeller

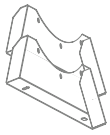
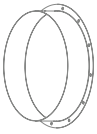
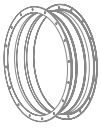
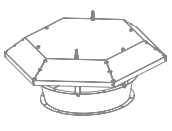
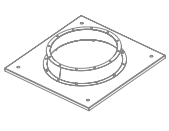
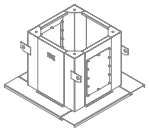
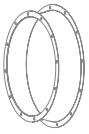
- Depending on the size and the required air capacity the fans are equipped with impellers with 6 or 8 blades angled from 20° to 50° with from 2.5 up to 5° stepping to ensure precise matching of fans with the operating point. The specially designed impeller blades ensure high efficiency of the fan while keeping noise well under control. The impellers are dynamically balanced. Low weight and low moment of the impeller inertia help reduce the fan start-up time. The fan blades can be made of the following materials:
  - PAG – fiberglass reinforced polyamide;
  - AL – aluminium.

  Please confirm the blade material while placing your order.

Mounting

- The fans can be mounted on any flat surface or directly into a ventilation duct. The units are suitable for both horizontal and vertical configurations. In-duct installation requires flanges to attach the fan to the ductwork. To attach the fan to the floor, a wall or the ceiling use the O-AF carriers (not included as standard, should be purchased separately). The units are suitable for installation on rooftops to provide direct supply of outdoor air to the stairway areas.

Accessories:

Carrier	Flange	Flexible joint	Hood	Roof adapter	Mounting curb	Inlet cone
						
O-AF	F-AF	EVAF-AF	Z-AF	PK-AF	SM-AF	VK-AF

Designation key

	Casing		Motor		Impeller			Modification	
AXIS-P	630	K	- 2	D	/ 5.5	- 8	/ 35 / AL	- U	1

Axis-P: axial pressurisation fan

Standard size (duct diameter) [mm]

Modification:
_: prolonged casing;
K: shortened casing

Number of the motor poles

Motor phase:
E: single-phase;
D: three-phase

Motor power [kW]

Number of the impeller blades [items]

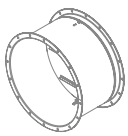
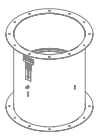
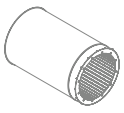
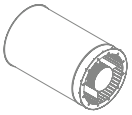
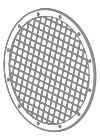
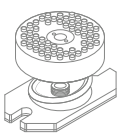
Blade setting angle [°]

Blade material
PAG: fiberglass reinforced polyamide
AL: aluminium

Climatic category:
U: moderate climate (-40 ... +40 °C)
HL: cold climate (-60 ... +40 °C)
UHL: moderate and cold climate (-60 ... +40 °C)
T: tropical climate (-10 ... +40 °C)
M: maritime moderately cold climate (-40 ... +40 °C)
O: general climatic modification (except maritime climate) (-60 ... +50 °C)
OM: general maritime climatic modification (-40 ... +40 °C)
V: universal climatic modification (-60 ... +50 °C)

Placement category:
1: outdoors
2: under a shed or indoors with the same conditions as outdoors except solar radiation and precipitation
3: in closed rooms without artificial climate control
4: in closed rooms with artificial climate control (ventilation, heating)
5: in rooms with high levels of humidity, without climate control

Accessories:

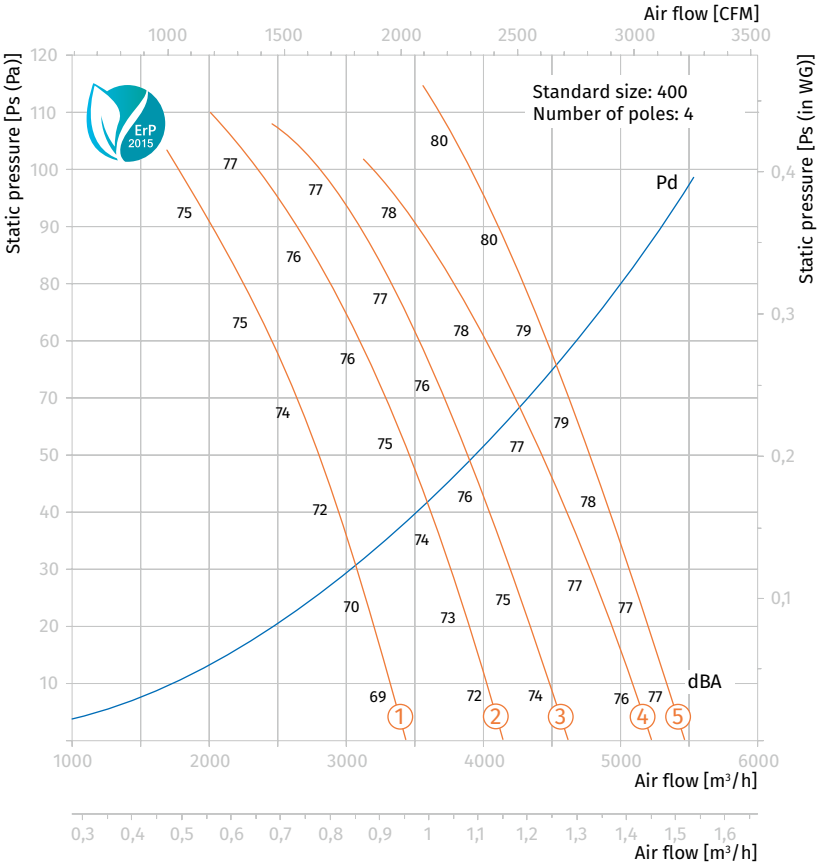
Backdraft damper	Backdraft damper	Silencer		Protective mesh	Anti-vibration mount	
						
VRV-AF	VRV1-AF	SD	SDV	SZ-AF	SI-F	SI-G

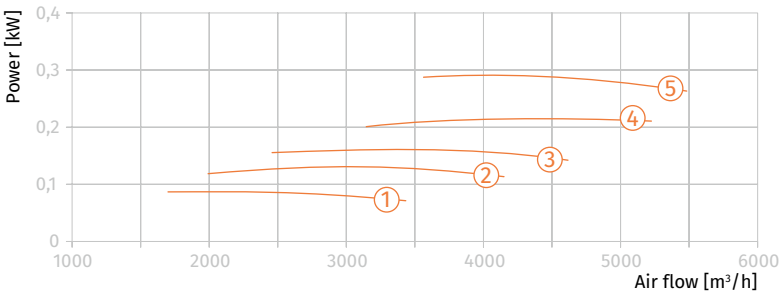
Technical data

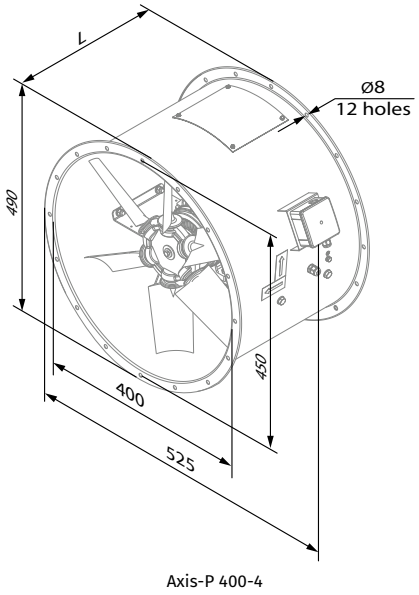
AXIS-P 400-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
400	4	3~ 400	Axis-P 400-4D/0.12-6/30/AL	Axis-P 400-4D/0.12-6/30/PAG	0.12	1440	6	30	19.5	350	①
			Axis-P 400-4D/0.18-6/35/AL	Axis-P 400-4D/0.18-6/35/PAG	0.18	1440	6	35	19.8	350	②
			Axis-P 400-4D/0.18-6/40/AL	Axis-P 400-4D/0.18-6/40/PAG	0.18	1440	6	40	19.8	350	③
			Axis-P 400-4D/0.25-6/45/AL	Axis-P 400-4D/0.25-6/45/PAG	0.25	1440	6	45	23.2	350	④
			Axis-P 400-4D/0.37-8/45/AL	Axis-P 400-4D/0.37-8/45/PAG	0.37	1440	8	45	23.9	350	⑤

Aerodynamic characteristics







Axis-P 400-4

AXIS-P 400

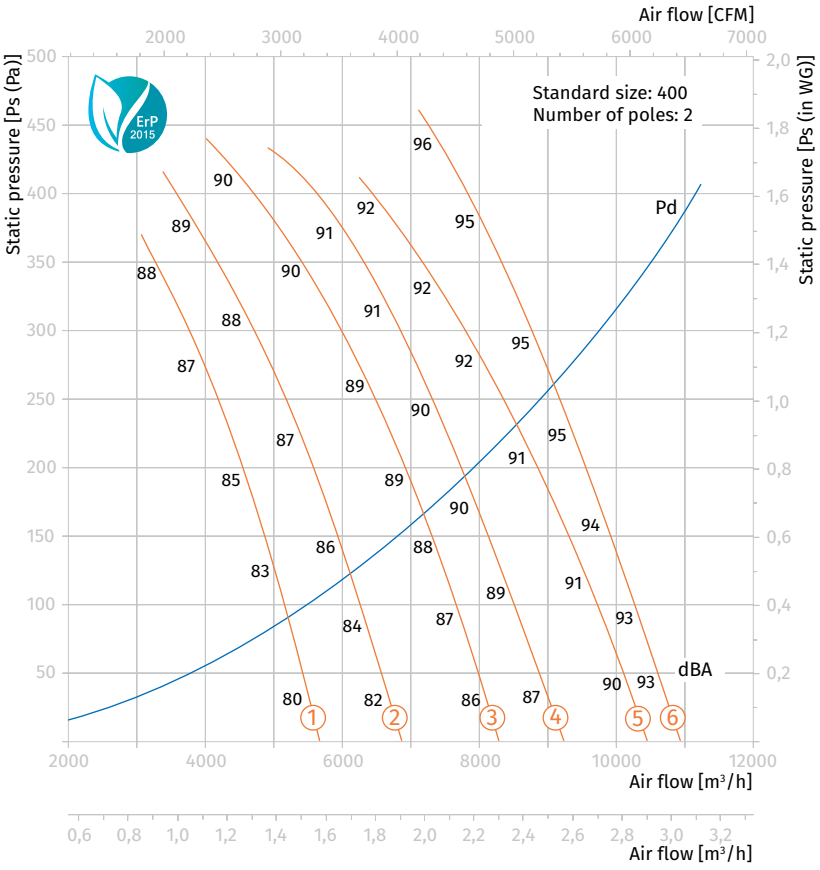
Technical data

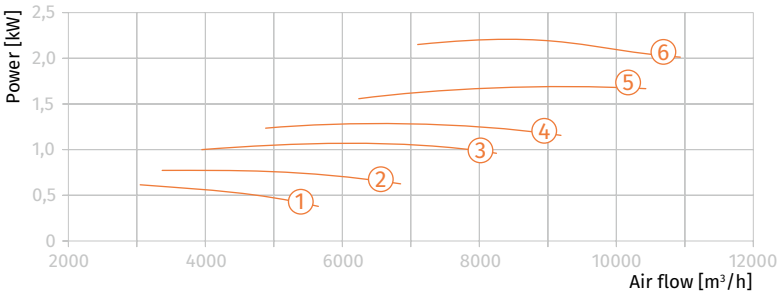
AXIS-P 400-2D

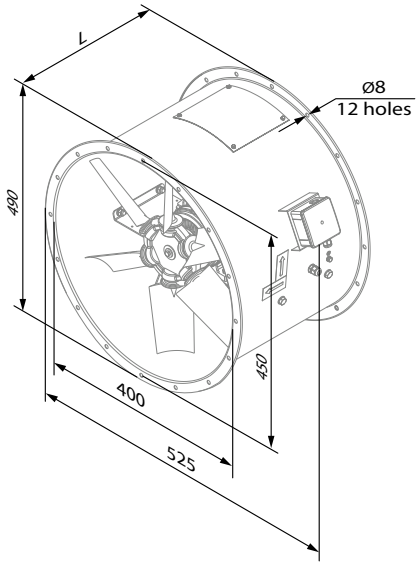
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
400	2	3~ 400	-	Axis-P 400-2D/0.55-6/25/PAG	0.55	2880	6	25	23.4	350	①
			Axis-P 400-2D/0.75-6/30/AL	Axis-P 400-2D/0.75-6/30/PAG	0.75	2880	6	30	26.5	350 (450*)	②
			Axis-P 400-2D/1.1-6/35/AL	Axis-P 400-2D/1.1-6/35/PAG	1.1	2880	6	35	27.0	450	③
			Axis-P 400-2D/1.5-6/40/AL	Axis-P 400-2D/1.5-6/40/PAG	1.5	2880	6	40	32.5	450	④
			Axis-P 400-2D/2.2-6/45/AL	Axis-P 400-2D/2.2-6/45/PAG	2.2	2880	6	45	34.5	450	⑤
			Axis-P 400-2D/2.2-8/45/AL	Axis-P 400-2D/2.2-8/45/PAG	2.2	2880	8	45	35.0	450	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics







Axis-P 400-2

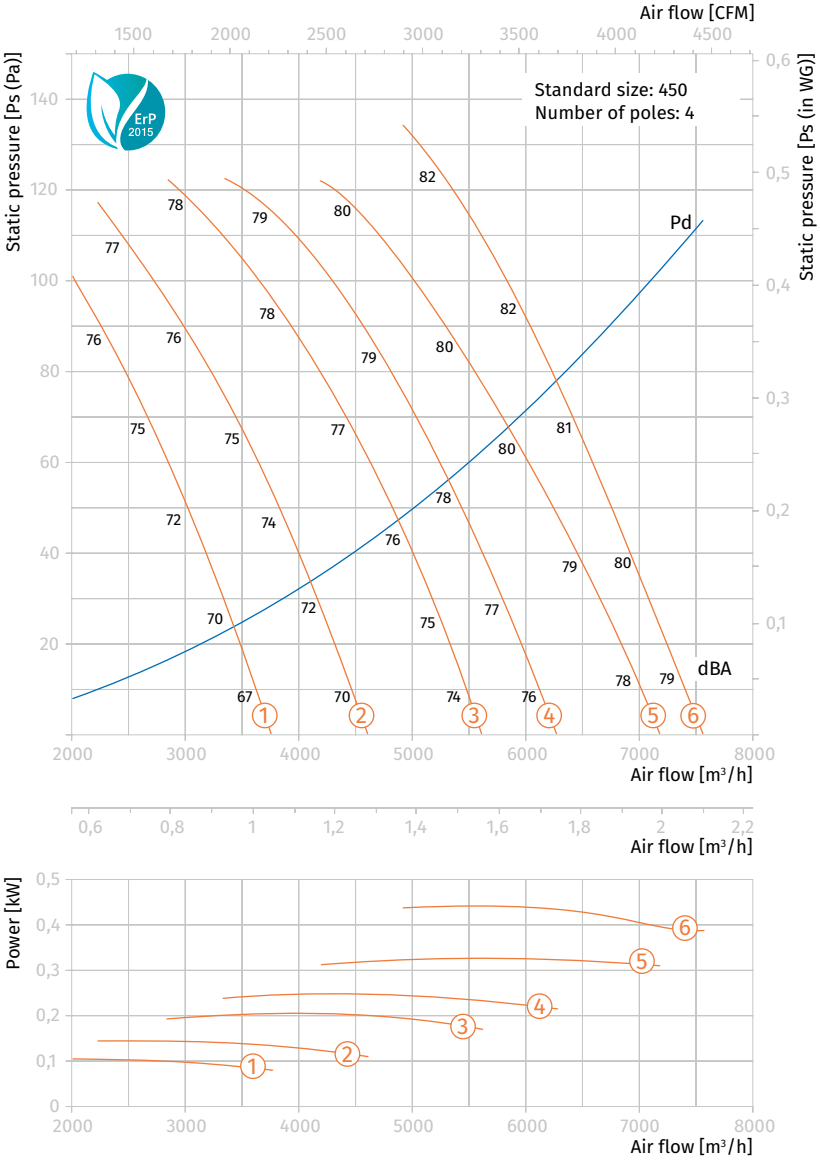
Technical data

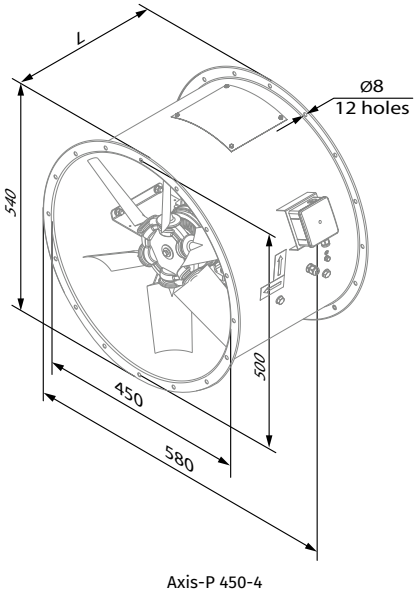
AXIS-P 450-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
450	4	3~ 400	-	Axis-P 450-4D/0.12-6/25/PAG	0.12	1440	6	25	29.1	350	①
			Axis-P 450-4D/0.18-6/30/AL	Axis-P 450-4D/0.18-6/30/PAG	0.18	1440	6	30	29.4	350	②
			Axis-P 450-4D/0.25-6/35/AL	Axis-P 450-4D/0.25-6/35/PAG	0.25	1440	6	35	32.8	350	③
			Axis-P 450-4D/0.25-6/40/AL	Axis-P 450-4D/0.25-6/40/PAG	0.25	1440	6	40	32.8	350	④
			Axis-P 450-4D/0.37-6/45/AL	Axis-P 450-4D/0.37-6/45/PAG	0.37	1440	6	45	33	350	⑤
			Axis-P 450-4D/0.55-8/45/AL	Axis-P 450-4D/0.55-8/45/PAG	0.55	1440	8	45	36.6	350 (450*)	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 450-4

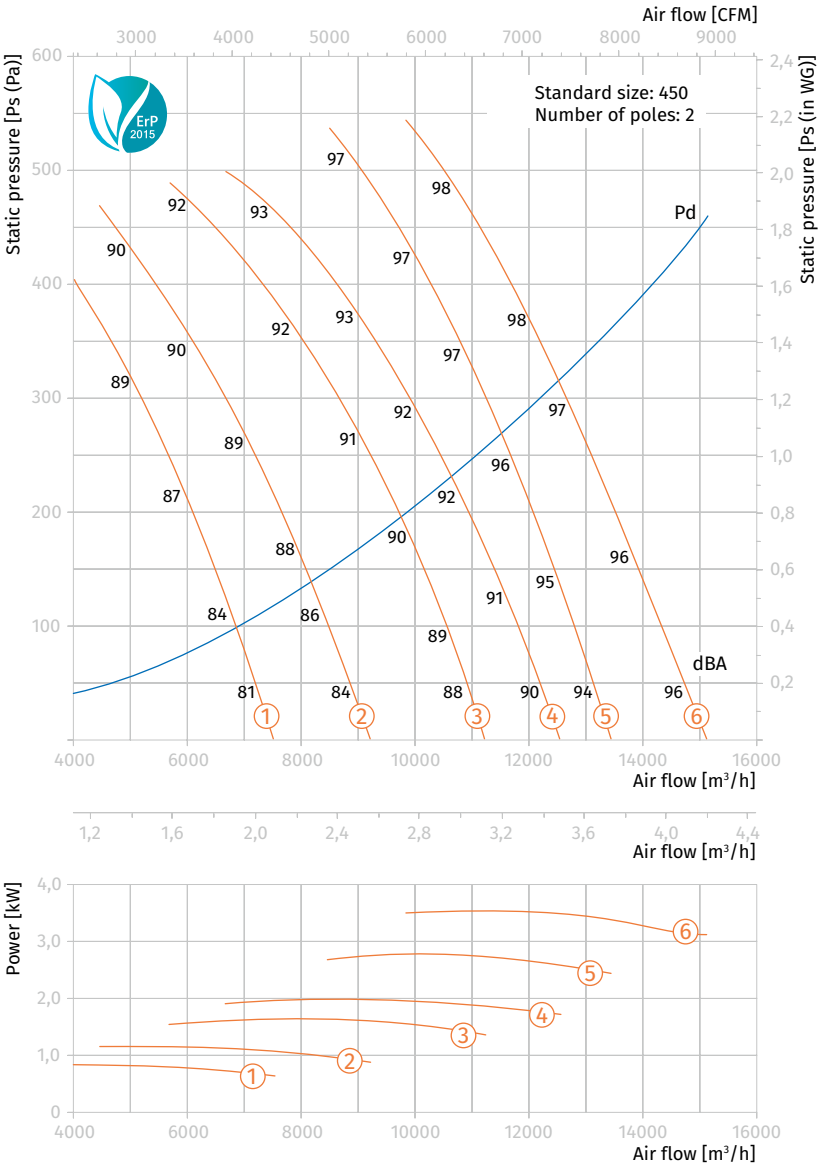
Technical data

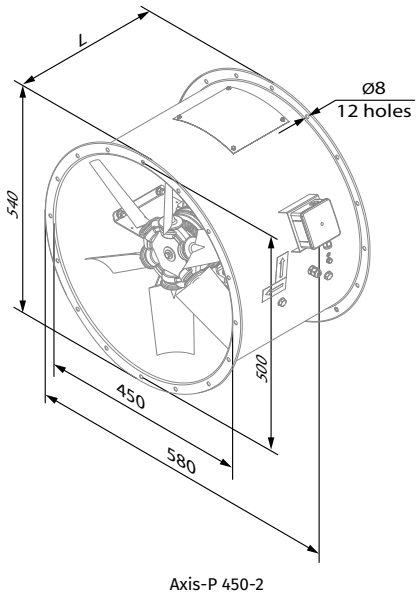
AXIS-P 450-2D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
450	2	3~ 400	-	Axis-P 450-2D/0.75-6/25/PAG	0.75	2880	6	25	36.1	350 (450*)	①
			Axis-P 450-2D/1.1-6/30/AL	Axis-P 450-2D/1.1-6/30/PAG	1.1	2880	6	30	36.6	450	②
			Axis-P 450-2D/1.5-6/35/AL	Axis-P 450-2D/1.5-6/35/PAG	1.5	2880	6	35	42.1	450	③
			Axis-P 450-2D/2.2-6/40/AL	Axis-P 450-2D/2.2-6/40/PAG	2.2	2880	6	40	44.1	450	④
			Axis-P 450-2D/3-8/40/AL	Axis-P 450-2D/3-8/40/PAG	3	2880	8	40	53.6	450 (550*)	⑤
			Axis-P 450-2D/4-8/45/AL	Axis-P 450-2D/4-8/45/PAG	4	2880	8	45	63.7	550	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 450-2

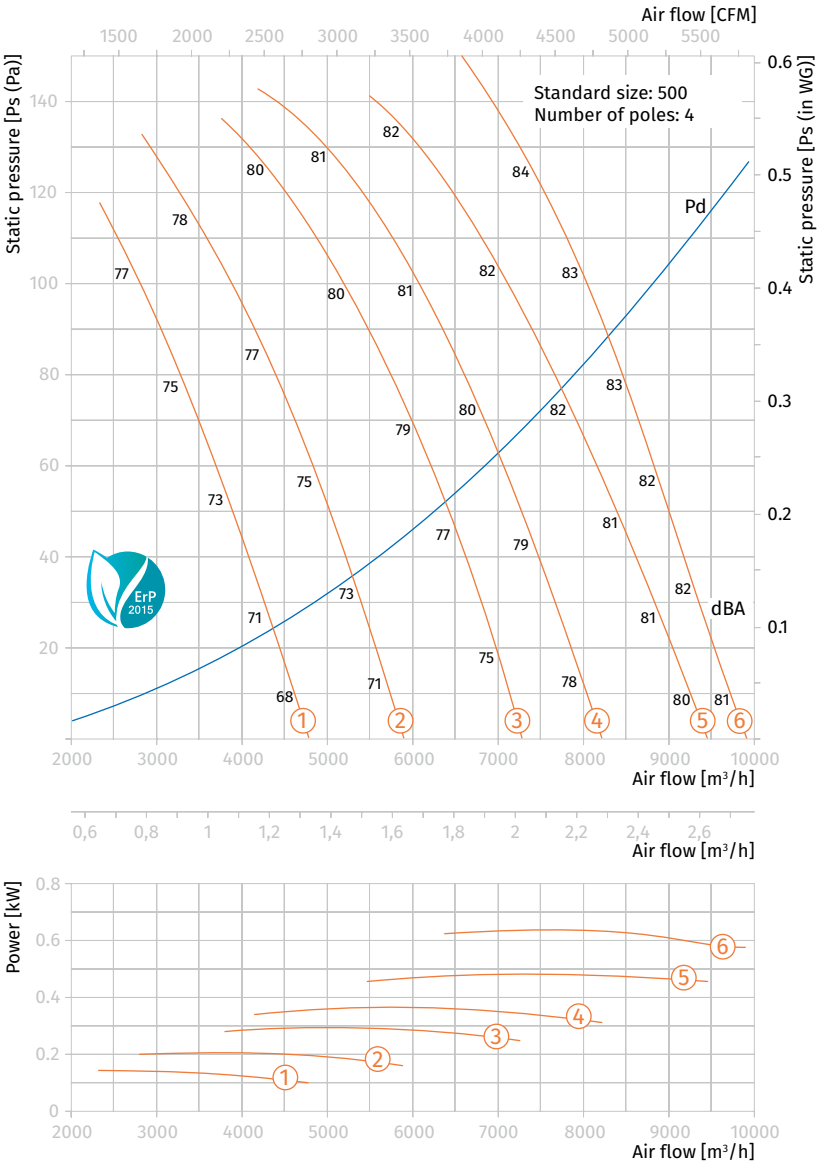
Technical data

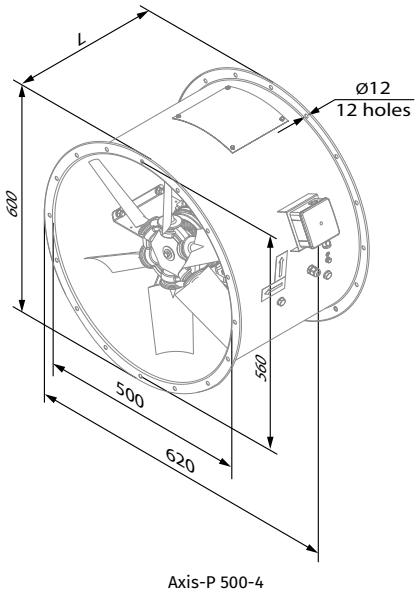
AXIS-P 500-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
500	4	3~ 400	-	Axis-P 500-4D/0.18-6/25/PAG	0.18	1440	6	25	61.5	350	①
			Axis-P 500-4D/0.25-6/30/AL	Axis-P 500-4D/0.25-6/30/PAG	0.25	1440	6	30	61.7	350	②
			Axis-P 500-4D/0.37-6/35/AL	Axis-P 500-4D/0.37-6/35/PAG	0.37	1440	6	35	64.8	350 (450*)	③
			Axis-P 500-4D/0.37-6/40/AL	Axis-P 500-4D/0.37-6/40/PAG	0.37	1440	6	40	64.8	350 (450*)	④
			Axis-P 500-4D/0.55-6/45/AL	Axis-P 500-4D/0.55-6/45/PAG	0.55	1440	6	45	65.6	450	⑤
			Axis-P 500-4D/0.75-8/45/AL	Axis-P 500-4D/0.75-8/45/PAG	0.75	1440	8	45	71.4	450	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 500-4

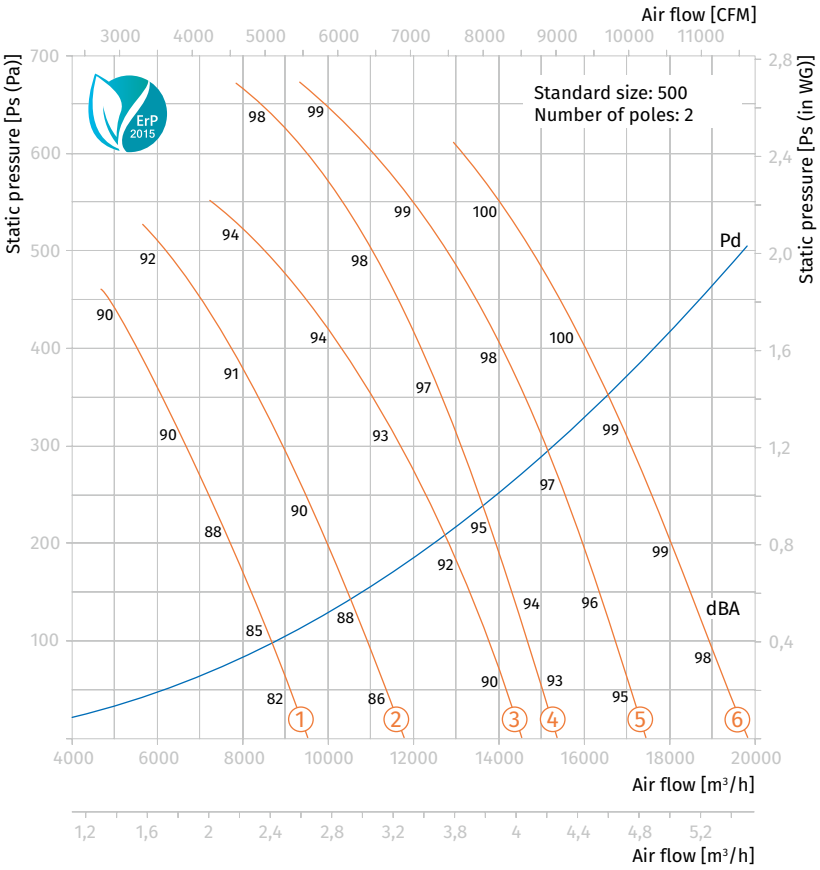
Technical data

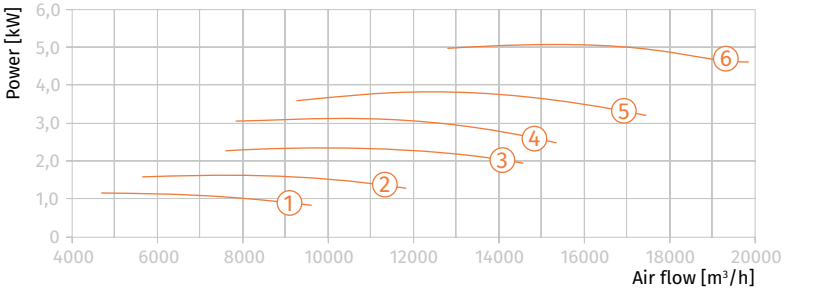
AXIS-P 500-2D

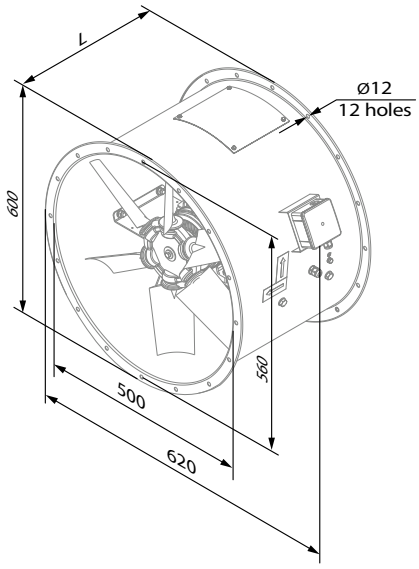
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
500	2	3~ 400	-	Axis-P 500-2D/1.1-6/25/PAG	1.1	2880	6	25	48.2	450	①
			Axis-P 500-2D/1.5-6/30/AL	Axis-P 500-2D/1.5-6/30/PAG	1.5	2880	6	30	53.7	450	②
			Axis-P 500-2D/2.2-6/35/AL	Axis-P 500-2D/2.2-6/35/PAG	2.2	2880	6	35	55.7	450	③
			Axis-P 500-2D/3-8/35/AL	Axis-P 500-2D/3-8/35/PAG	3	2880	8	35	65.3	450 (550*)	④
			Axis-P 500-2D/4-8/40/AL	Axis-P 500-2D/4-8/40/PAG	4	2880	8	40	75.4	550	⑤
			Axis-P 500-2D/5.5-8/45/AL	Axis-P 500-2D/5.5-8/45/PAG	5.5	2880	8	45	96.8	550	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics







Axis-P 500-2

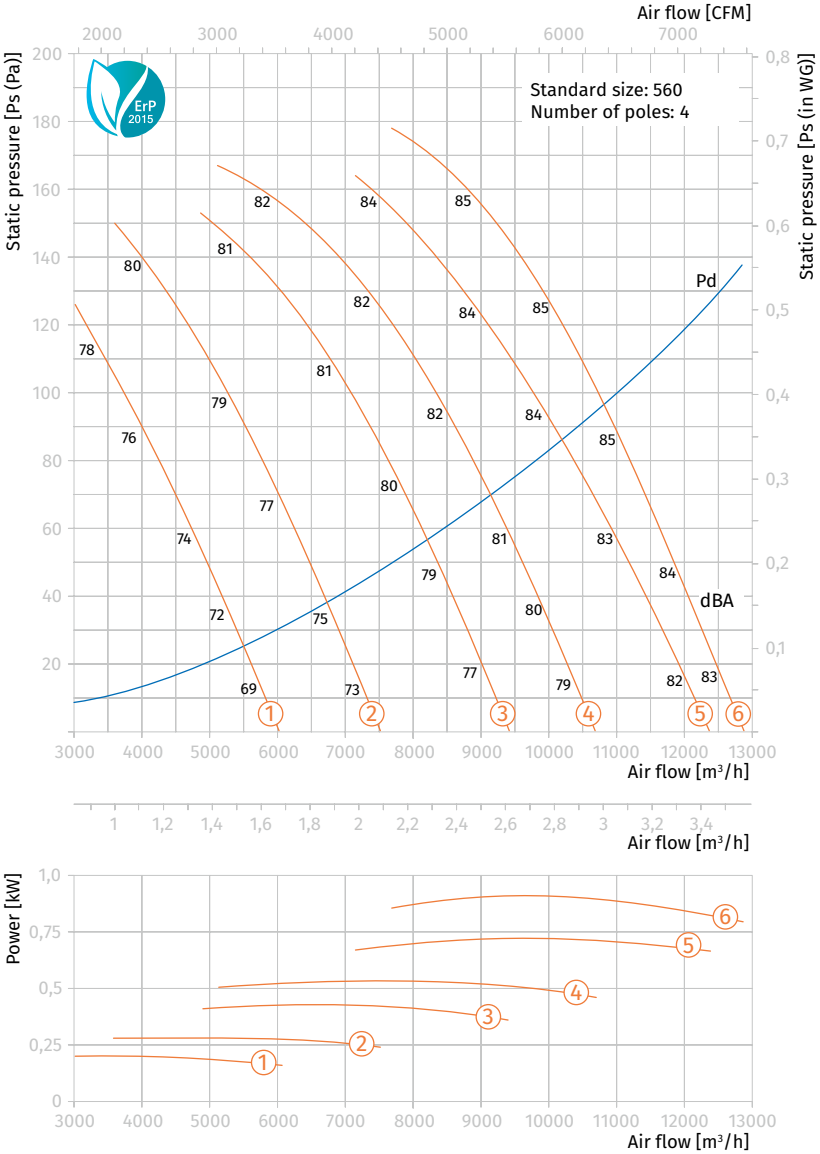
Technical data

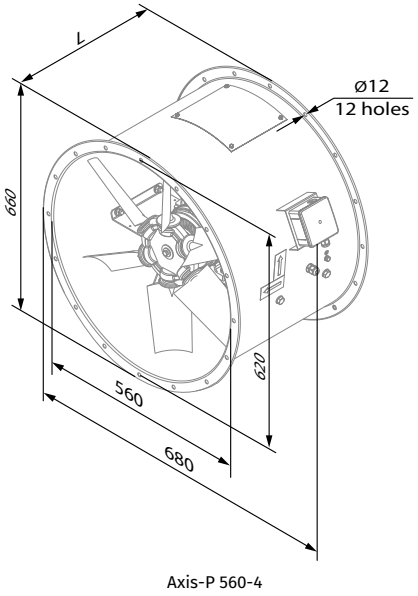
AXIS-P 560-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
560	4	3~ 400	-	Axis-P 560-4D/0.25-6/25/PAG	0.25	1440	6	25	61.5	350	①
			Axis-P 560-4D/0.37-6/30/AL	Axis-P 560-4D/0.37-6/30/PAG	0.37	1440	6	30	61.7	350	②
			Axis-P 560-4D/0.55-6/35/AL	Axis-P 560-4D/0.55-6/35/PAG	0.55	1440	6	35	64.8	350 (450*)	③
			Axis-P 560-4D/0.55-6/40/AL	Axis-P 560-4D/0.55-6/40/PAG	0.55	1440	6	40	64.8	350 (450*)	④
			Axis-P 560-4D/0.75-6/45/AL	Axis-P 560-4D/0.75-6/45/PAG	0.75	1440	6	45	65.6	450	⑤
			Axis-P 560-4D/1.1-8/45/AL	Axis-P 560-4D/1.1-8/45/PAG	1.1	1440	8	45	71.4	450	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 560-4

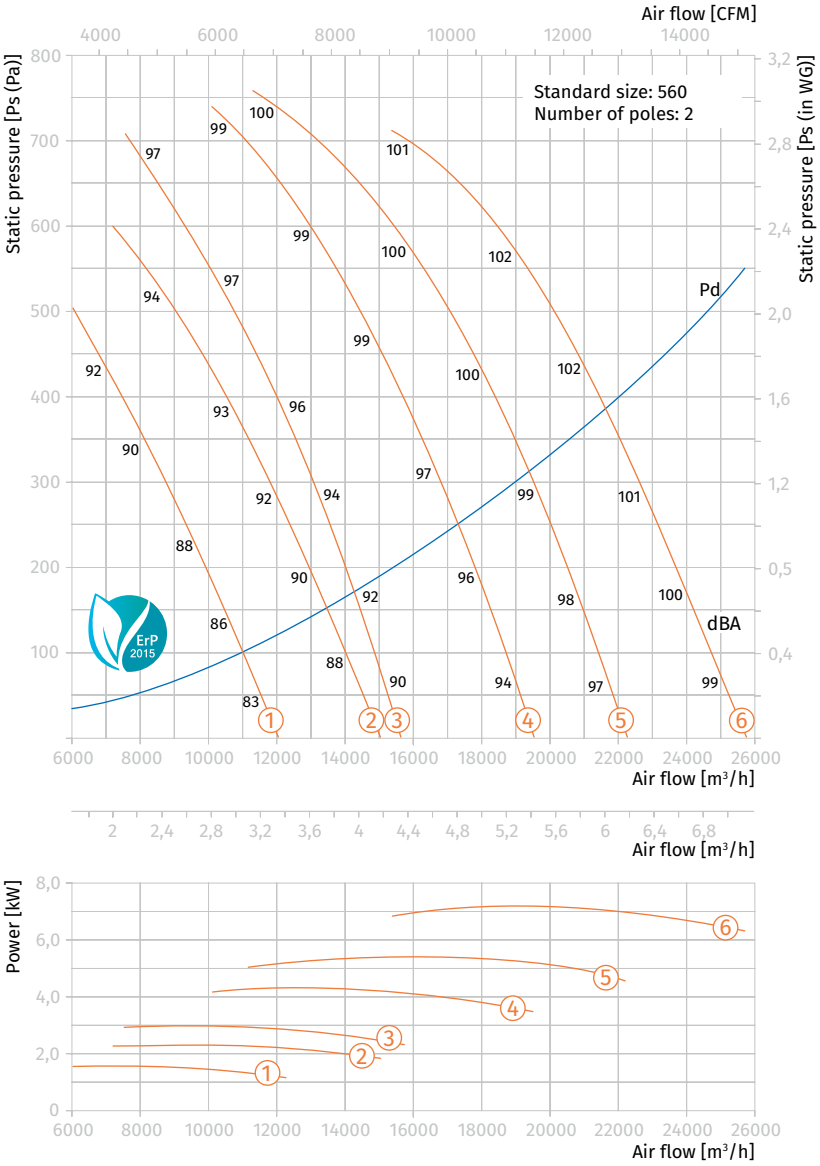
Technical data

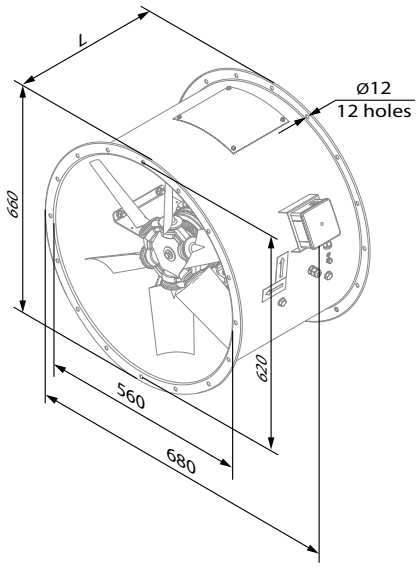
AXIS-P 560-2D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
560	2	3~ 400	-	Axis-P 560-2D/1.5-6/25/PAG	1.5	2880	6	25	70.8	450	①
			Axis-P 560-2D/2.2-6/30/AL	Axis-P 560-2D/2.2/6/30/PAG	2.2	2880	6	30	72.8	450	②
			Axis-P 560-2D/3-8/30/AL	Axis-P 560-2D/3-8/30/PAG	3	2880	8	30	82.4	450 (550*)	③
			Axis-P 560-2D/4-8/35/AL	Axis-P 560-2D/4-8/35/PAG	4	2880	8	35	92.5	550	④
			Axis-P 560-2D/5.5-8/40/AL	Axis-P 560-2D/5.5-8/40/PAG	5.5	2880	8	40	113.9	550	⑤
			Axis-P 560-2D/7.5-8/45/AL	Axis-P 560-2D/7.5-8/45/PAG	7.5	2880	8	45	117.9	550 (650*)	⑥

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 560-2

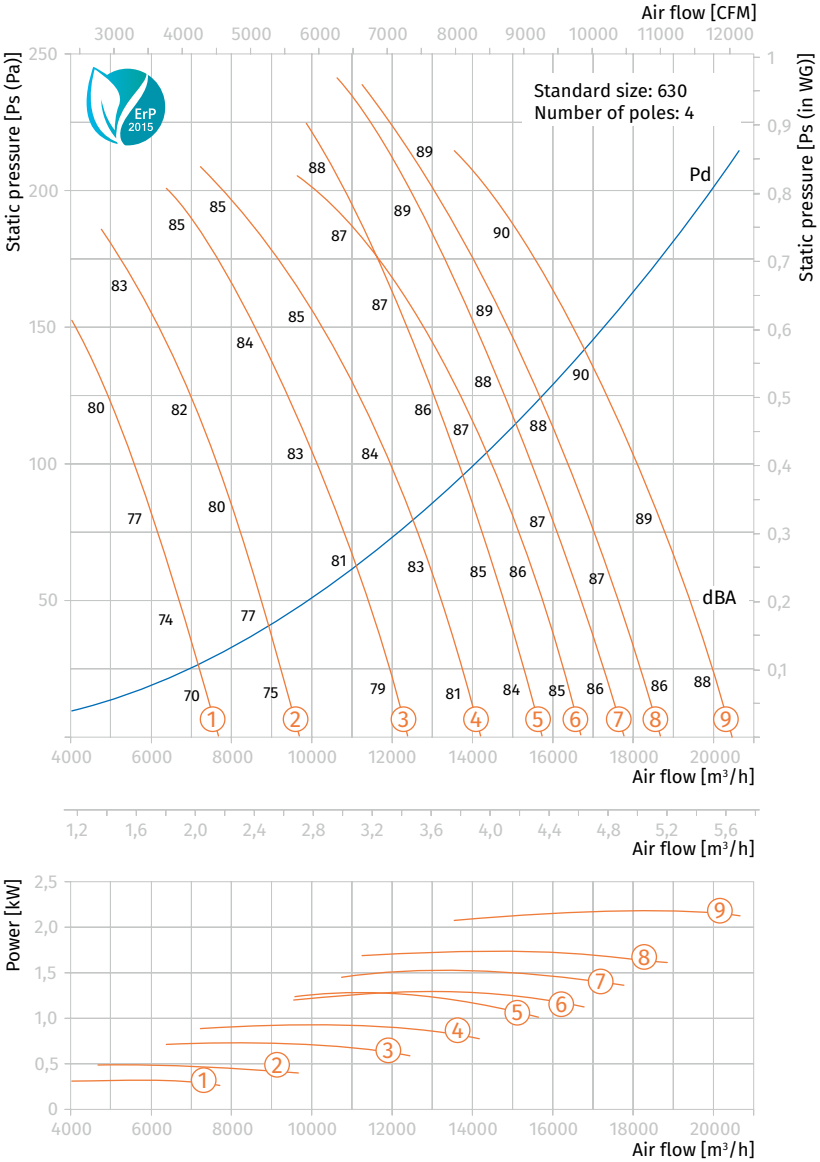
Technical data

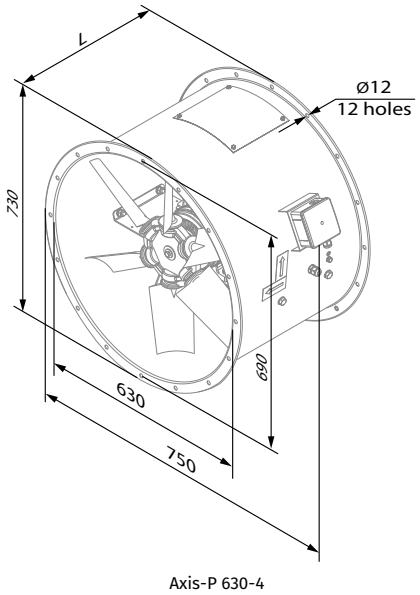
AXIS-P 630-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
630	4	3~ 400	-	Axis-P 630-4D/0.37-8/25/PAG	0.37	1440	8	25	67.9	350	①
			Axis-P 630-4D/0.55-8/30/AL	Axis-P 630-4D/0.55-8/30/PAG	0.55	1440	8	30	71	350 (450*)	②
			Axis-P 630-4D/0.75-8/35/AL	Axis-P 630-4D/0.75-8/35/PAG	0.75	1440	8	35	71.8	450	③
			Axis-P 630-4D/1.1-8/40/AL	Axis-P 630-4D/1.1-8/40/PAG	1.1	1440	8	40	77	450	④
			Axis-P 630-4D/1.5-6/32.5/AL	Axis-P 630-4D/1.5-6/32.5/PAG	1.5	1440	6	32.5	81.1	450	⑤
			Axis-P 630-4D/1.5-8/45/AL	Axis-P 630-4D/1.5-8/45/PAG	1.5	1440	8	45	80	450	⑥
			Axis-P 630-4D/1.5-6/37.5/AL	Axis-P 630-4D/1.5-6/37.5/PAG	1.5	1440	6	37.5	81.1	450	⑦
			Axis-P 630-4D/2.2-6/40/AL	Axis-P 630-4D/2.2-6/40/PAG	2.2	1440	6	40	83.2	450 (550*)	⑧
			Axis-P 630-4D/2.2-6/45/AL	Axis-P 630-4D/2.2-6/45/PAG	2.2	1440	6	45	83.2	450 (550*)	⑨

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 630-4

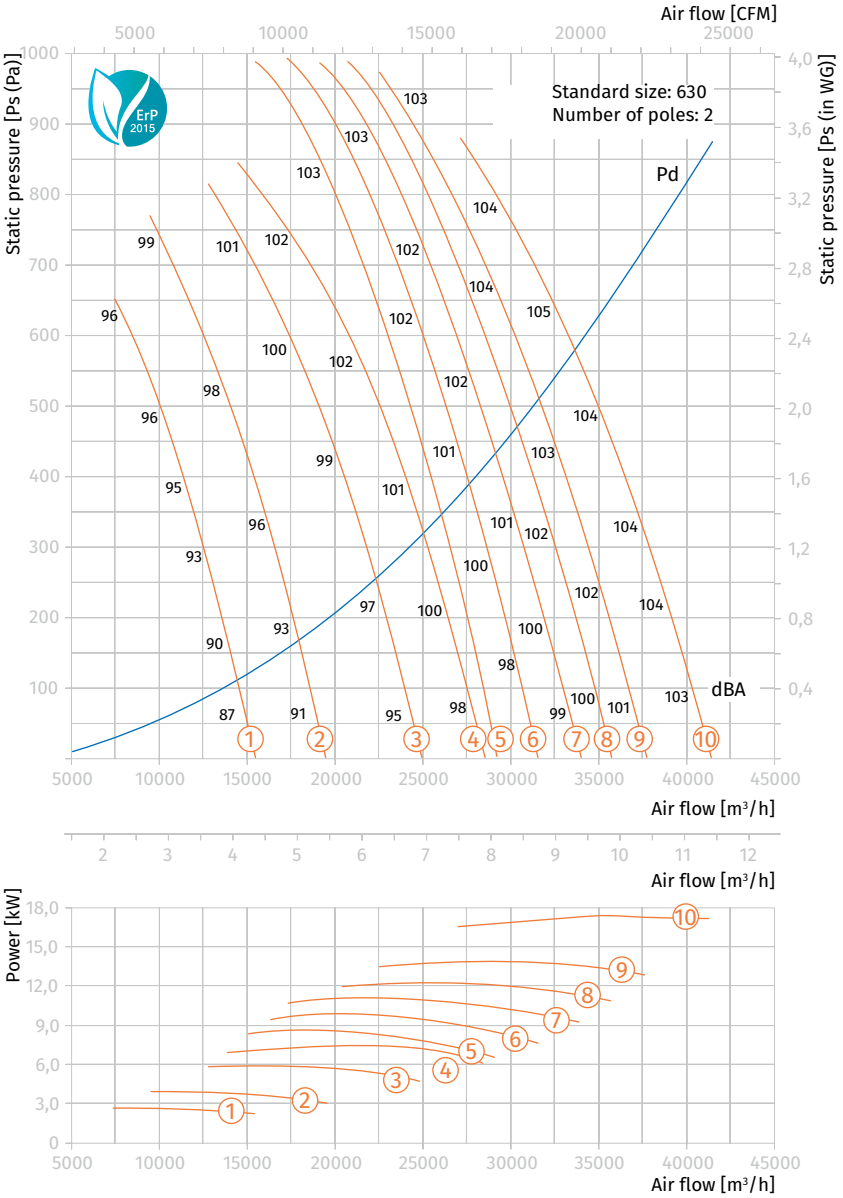
Technical data

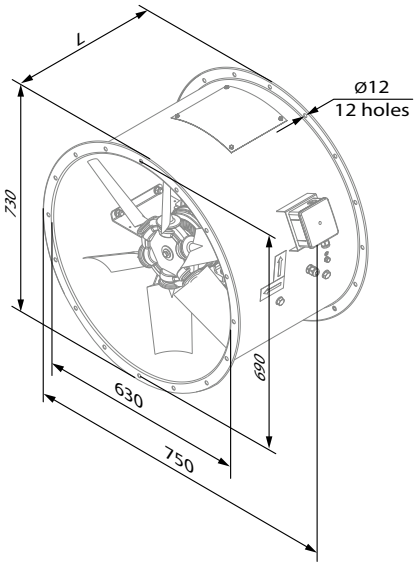
AXIS-P 630-2D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
630	2	3~ 400	-	Axis-P 630-2D/3-8/25/PAG	3	2880	8	25	88	450 (550*)	①
			Axis-P 630-2D/4-8/30/AL	Axis-P 630-2D/4-8/30/PAG	4	2880	8	30	98.1	550	②
			Axis-P 630-2D/5.5-8/35/AL	Axis-P 630-2D/5.5-8/35/PAG	5.5	2880	8	35	119.5	550	③
			Axis-P 630-2D/7.5-8/40/AL	Axis-P 630-2D/7.5-8/40/PAG	7.5	2880	8	40	123.5	550 (650*)	④
			Axis-P 630-2D/9.2-6/30/AL	Axis-P 630-2D/9.2-6/30/PAG	9.2	2880	6	30	130.1	650	⑤
			Axis-P 630-2D/11-6/32.5/AL	Axis-P 630-2D/11-6/32.5/PAG	11	2880	6	32.5	154.1	650 (750*)	⑥
			Axis-P 630-2D/11-6/35/AL	Axis-P 630-2D/11-6/35/PAG	11	2880	6	35	154.1	650 (750*)	⑦
			Axis-P 630-2D/15-6/37.5/AL	Axis-P 630-2D/15-6/37.5/PAG	15	2880	6	37.5	166.7	750	⑧
			Axis-P 630-2D/15-6/40/AL	Axis-P 630-2D/15-6/40/PAG	15	2880	6	40	166.7	750	⑨
			Axis-P 630-2D/18.5-6/45/AL	Axis-P 630-2D/18.5-6/45/PAG	18.5	2880	6	45	179.8	750	⑩

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 630-2

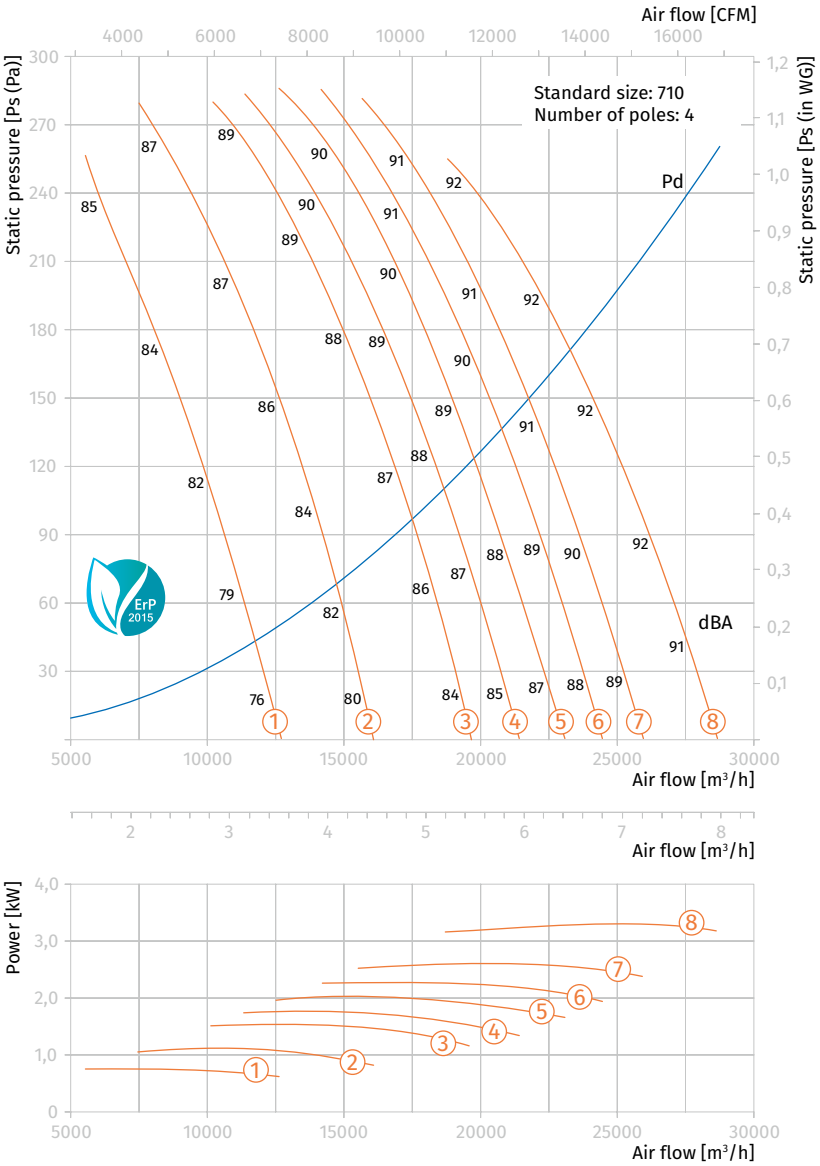
Technical data

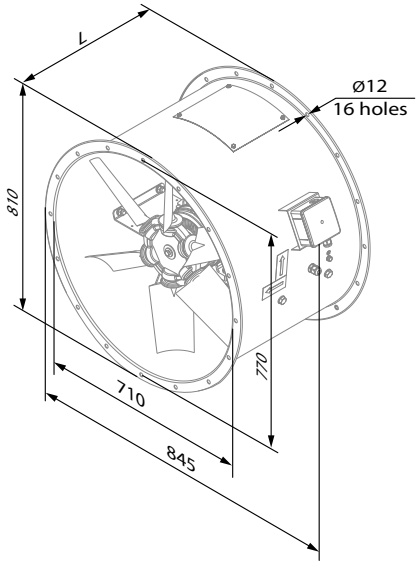
AXIS-P 710-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
710	4	3~ 400	Axis-P 710-4D/0.75-6/20/AL	Axis-P 710-4D/0.75-6/20/PAG	0.75	1440	6	20	99.1	450	①
			Axis-P 710-4D/1.1-6/25/AL	Axis-P 710-4D/1.1-6/25/PAG	1.1	1440	6	25	104.3	450	②
			Axis-P 710-4D/1.5-6/30/AL	Axis-P 710-4D/1.5-6/30/PAG	1.5	1440	6	30	107.3	450	③
			Axis-P 710-4D/2.2-6/32.5/AL	Axis-P 710-4D/2.2-6/32.5/PAG	2.2	1440	6	32.5	109.4	450 (550*)	④
			Axis-P 710-4D/2.2-6/35/AL	Axis-P 710-4D/2.2-6/35/PAG	2.2	1440	6	35	109.4	450 (550*)	⑤
			Axis-P 710-4D/2.2-6/37.5/AL	Axis-P 710-4D/2.2-6/37.5/PAG	2.2	1440	6	37.5	109.4	450 (550*)	⑥
			Axis-P 710-4D/3-6/40/AL	Axis-P 710-4D/3-6/40/PAG	3	1440	6	40	118.3	550	⑦
			Axis-P 710-4D/4-6/45/AL	Axis-P 710-4D/4-6/45/PAG	4	1440	6	45	129.4	550	⑧

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 710-4

AXIS-P 710

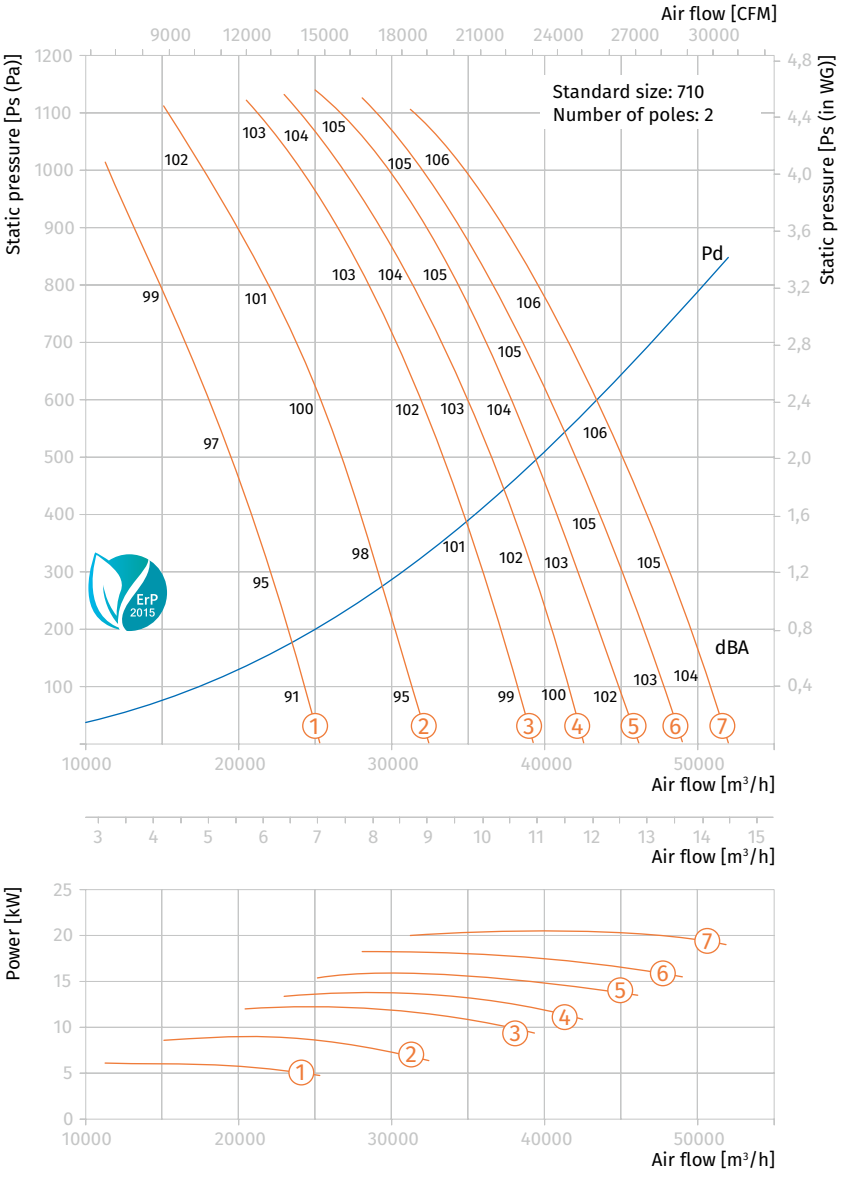
Technical data

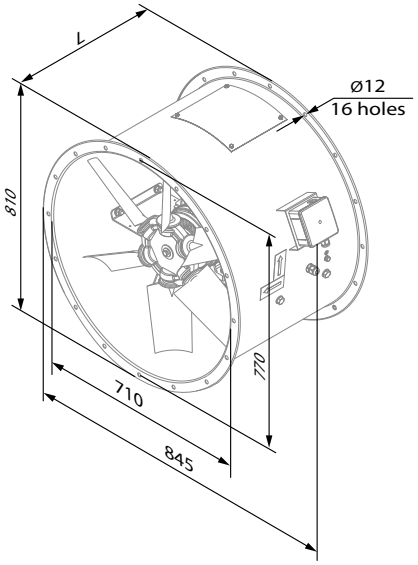
AXIS-P 710-2D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
710	2	3~ 400	Axis-P 710-2D/7.5-6/20/AL	Axis-P 710-2D/7.5-6/20/PAG	7.5	2880	6	20	150.8	550 (650*)	①
			Axis-P 710-2D/9.2-6/25/AL	Axis-P 710-2D/9.2-6/25/PAG	9.2	2880	6	25	156.3	650	②
			Axis-P 710-2D/15-6/30/AL	Axis-P 710-2D/15-6/30/PAG	15	2880	6	30	192.9	750	③
			Axis-P 710-2D/15-6/32.5/AL	Axis-P 710-2D/15-6/32.5/PAG	15	2880	6	32.5	192.9	750	④
			Axis-P 710-2D/18.5-6/35/AL	Axis-P 710-2D/18.5-6/35/PAG	18.5	2880	6	35	206	750	⑤
			Axis-P 710-2D/18.5-6/37.5/AL	Axis-P 710-2D/18.5-6/37.5/PAG	18.5	2880	6	37.5	206	750	⑥
			Axis-P 710-2D/22-6/40/AL	Axis-P 710-2D/22-6/40/PAG	22	2880	6	40	246	750	⑦

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





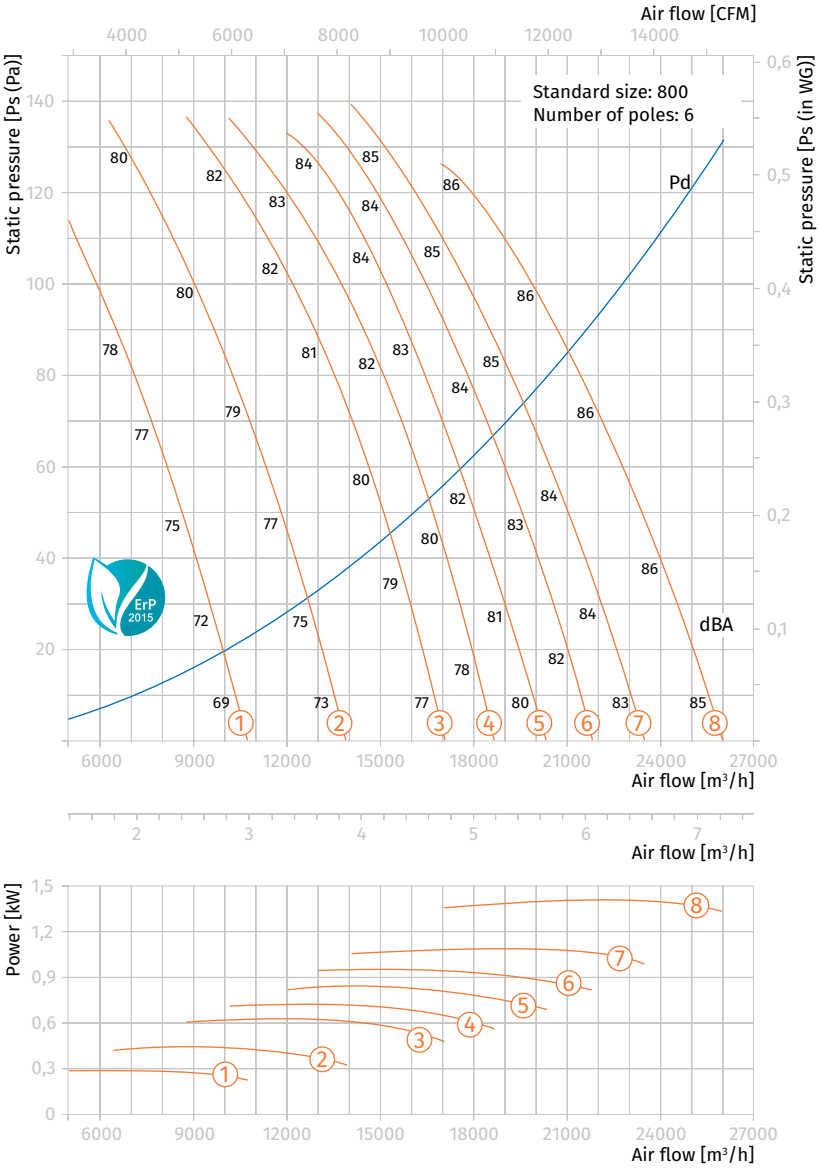
Axis-P 710-2

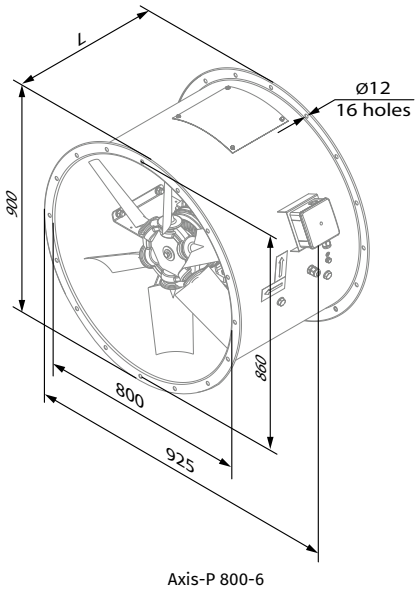
Technical data

AXIS-P 800-6D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
800	6	3~ 400	Axis-P 800-6D/0.37-6/20/AL	Axis-P 800-6D/0.37-6/20/PAG	0.37	960	6	20	109.6	450	①
			Axis-P 800-6D/0.55-6/25/AL	Axis-P 800-6D/0.55-6/25/PAG	0.55	960	6	25	111.1	450	②
			Axis-P 800-6D/0.75-6/30/AL	Axis-P 800-6D/0.75-6/30/PAG	0.75	960	6	30	116.4	450	③
			Axis-P 800-6D/0.75-6/32.5/AL	Axis-P 800-6D/0.75-6/32.5/PAG	0.75	960	6	32.5	116.4	450	④
			Axis-P 800-6D/1.1-6/35/AL	Axis-P 800-6D/1.1-6/35/PAG	1.1	960	6	35	116.5	450	⑤
			Axis-P 800-6D/1.1-6/37.5/AL	Axis-P 800-6D/1.1-6/37.5/PAG	1.1	960	6	37.5	116.5	450	⑥
			Axis-P 800-6D/1.1-6/40/AL	Axis-P 800-6D/1.1-6/40/PAG	1.1	960	6	40	116.5	450	⑦
			Axis-P 800-6D/1.5-6/45/AL	Axis-P 800-6D/1.5-6/45/PAG	1.5	960	6	45	124.6	550	⑧

Aerodynamic characteristics





Axis-P 800-6

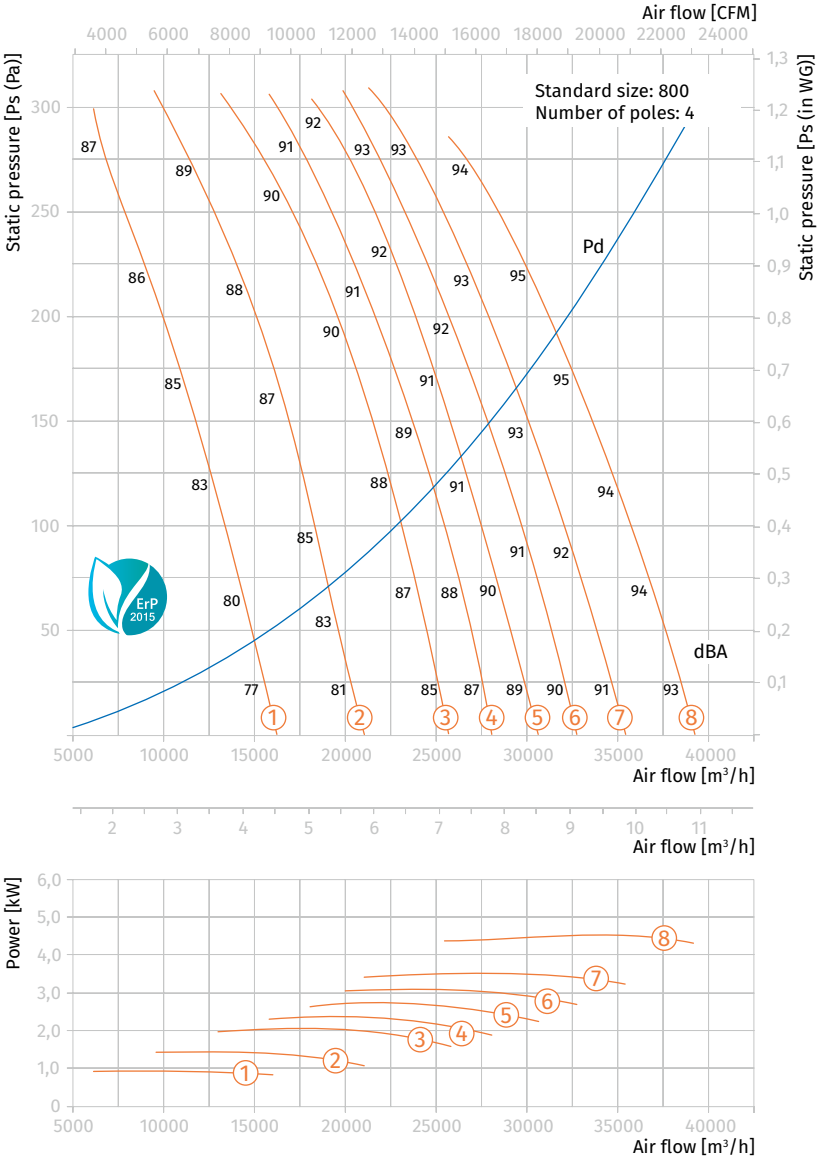
Technical data

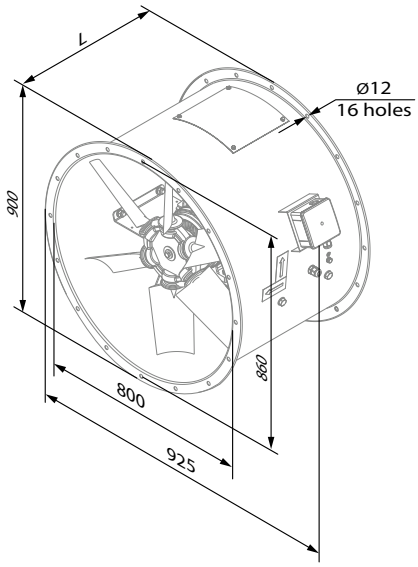
AXIS-P 800-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
800	4	3~ 400	Axis-P 800-4D/1.1-6/20/AL	Axis-P 800-4D/1.1-6/20/PAG	1.1	1440	6	20	115.6	450	①
			Axis-P 800-4D/1.5-6/25/AL	Axis-P 800-4D/1.5-6/25/PAG	1.5	1440	6	25	118.6	450	②
			Axis-P 800-4D/2.2-6/30/AL	Axis-P 800-4D/2.2-6/30/PAG	2.2	1440	6	30	120.7	450/(550*)	③
			Axis-P 800-4D/3-6/32.5/AL	Axis-P 800-4D/3-6/32.5/PAG	3	1440	6	32.5	129.6	550	④
			Axis-P 800-4D/3-6/35/AL	Axis-P 800-4D/3-6/35/PAG	3	1440	6	35	129.6	550	⑤
			Axis-P 800-4D/4-6/37.5/AL	Axis-P 800-4D/4-6/37.5/PAG	4	1440	6	37.5	140.7	550	⑥
			Axis-P 800-4D/4-6/40/AL	Axis-P 800-4D/4-6/40/PAG	4	1440	6	40	140.7	550	⑦
			Axis-P 800-4D/5.5-6/45/AL	Axis-P 800-4D/5.5-6/45/PAG	5.5	1440	6	45	157.6	550	⑧

* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 800-4

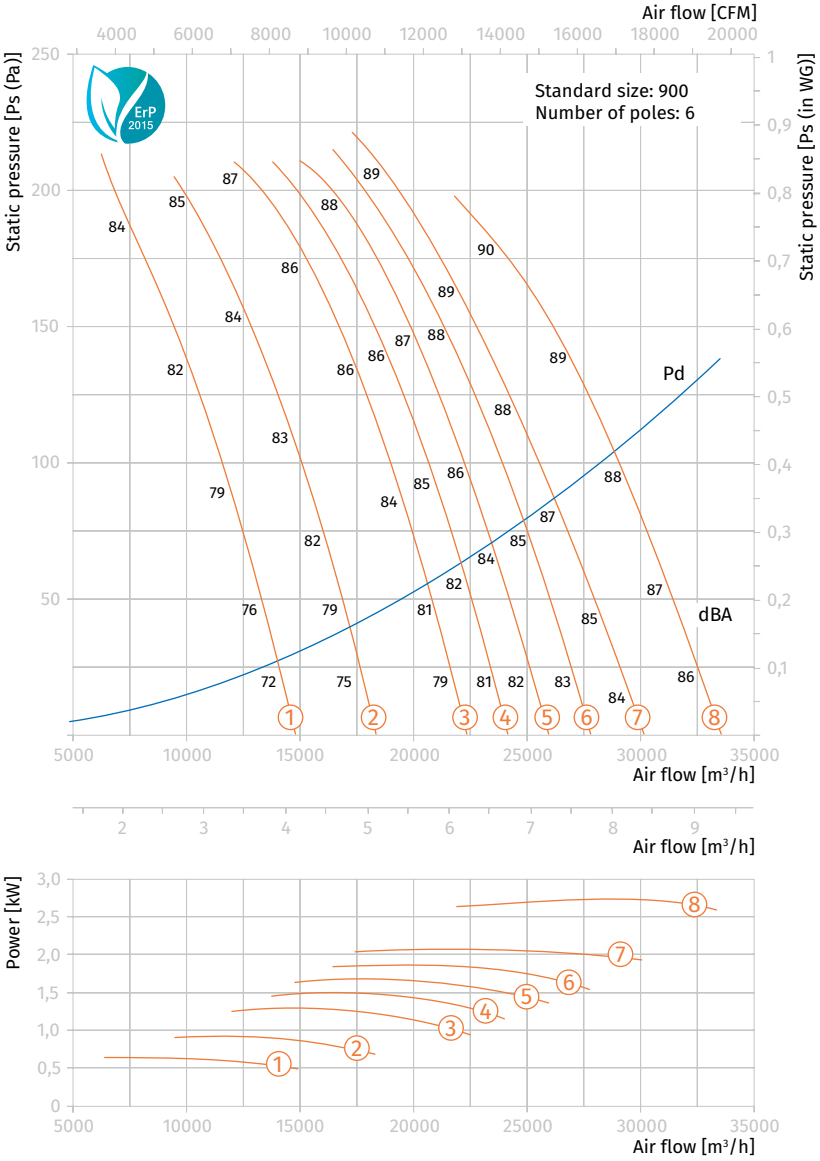
AXIS-P 800

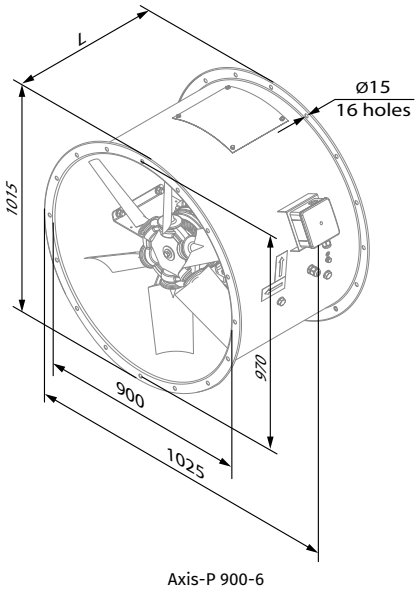
Technical data

AXIS-P 900-6D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
900	6	3~ 400	Axis-P 900-6D/0.75-8/20/AL	Axis-P 900-6D/0.75-8/20/PAG	0.75	960	8	20	121.6	450	①
			Axis-P 900-6D/1.1-8/25/AL	Axis-P 900-6D/1.1-8/25/PAG	1.1	960	8	25	121.7	450	②
			Axis-P 900-6D/1.5-8/30/AL	Axis-P 900-6D/1.5-8/30/PAG	1.5	960	8	30	129.8	550	③
			Axis-P 900-6D/1.5-8/32.5/AL	Axis-P 900-6D/1.5-8/32.5/PAG	1.5	960	8	32.5	129.8	550	④
			Axis-P 900-6D/2.2-8/35/AL	Axis-P 900-6D/2.2-8/35/PAG	2.2	960	8	35	135.3	550	⑤
			Axis-P 900-6D/2.2-8/37.5/AL	Axis-P 900-6D/2.2-8/37.5/PAG	2.2	960	8	37.5	135.3	550	⑥
			Axis-P 900-6D/2.2-8/40/AL	Axis-P 900-6D/2.2-8/40/PAG	2.2	960	8	40	135.3	550	⑦
			Axis-P 900-6D/3-8/45/AL	Axis-P 900-6D/3-8/45/PAG	3	960	8	45	155.8	650	⑧

Aerodynamic characteristics





Axis-P 900-6

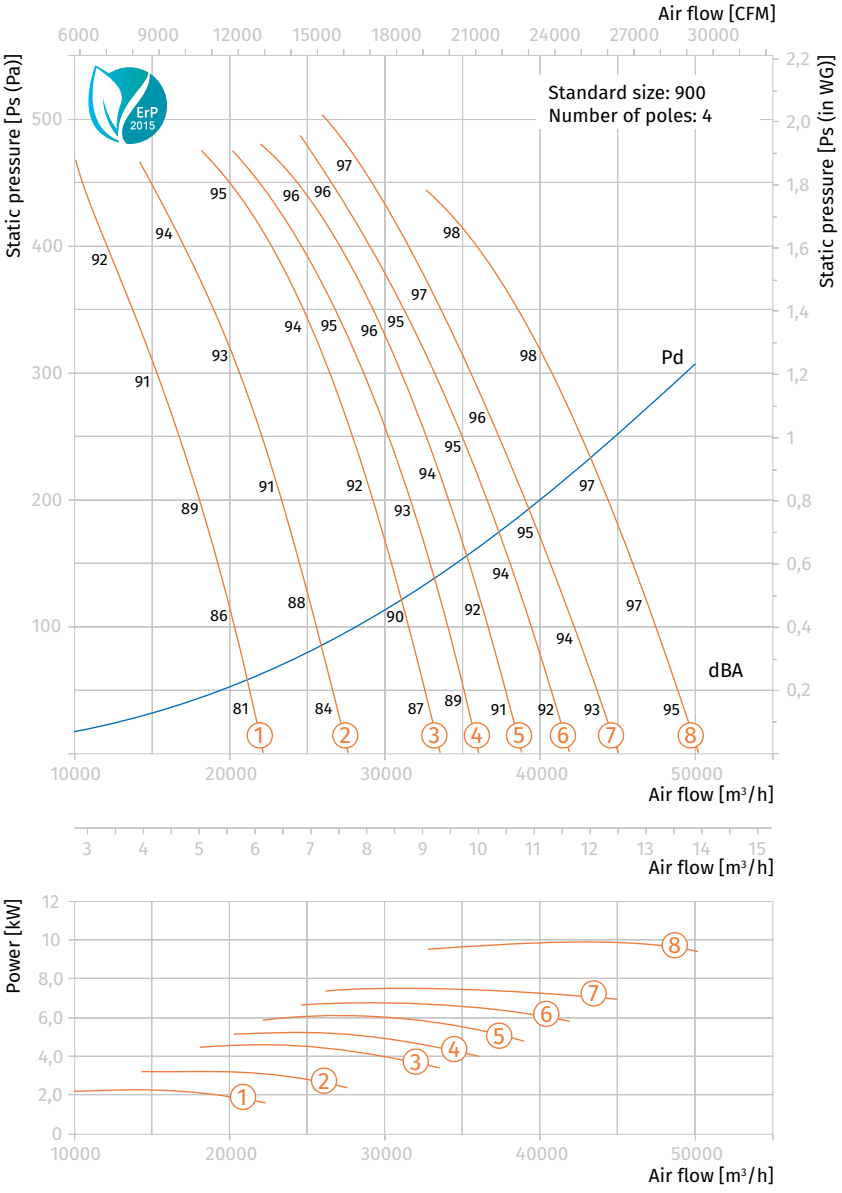
AXIS-P 900

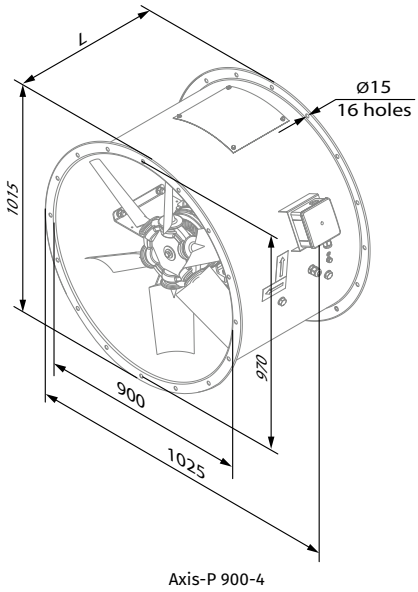
Technical data

AXIS-P 900-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
900	4	3~ 400	Axis-P 900-4D/3-8/20/AL	Axis-P 900-4D/3-8/20/PAG	3	1440	8	20	134.8	550	①
			Axis-P 900-4D/4-8/25/AL	Axis-P 900-4D/4-8/25/PAG	4	1440	8	25	145.9	550	②
			Axis-P 900-4D/5.5-8/30/AL	Axis-P 900-4D/5.5-8/30/PAG	5.5	1440	8	30	162.8	550	③
			Axis-P 900-4D/5.5-8/32.5/AL	Axis-P 900-4D/5.5-8/32.5/PAG	5.5	1440	8	32.5	162.8	550	④
			Axis-P 900-4D/7.5-8/35/AL	Axis-P 900-4D/7.5-8/35/PAG	7.5	1440	8	35	165.3	650	⑤
			Axis-P 900-4D/7.5-8/37.5/AL	Axis-P 900-4D/7.5-8/37.5/PAG	7.5	1440	8	37.5	165.3	650	⑥
			Axis-P 900-4D/7.5-8/40/AL	Axis-P 900-4D/7.5-8/40/PAG	7.5	1440	8	40	165.3	650	⑦
			Axis-P 900-4D/11-8/45/AL	Axis-P 900-4D/11-8/45/PAG	11	1440	8	45	199.6	750	⑧

Aerodynamic characteristics





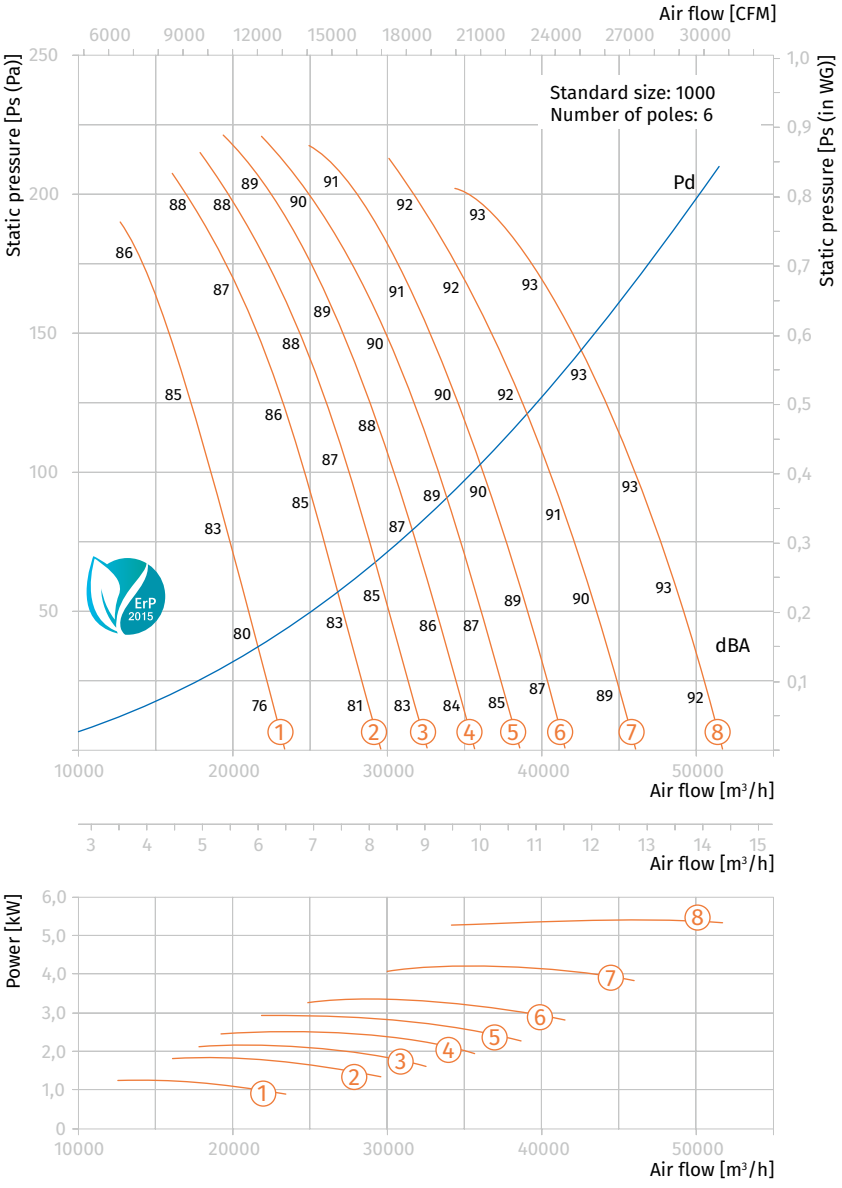
Axis-P 900-4

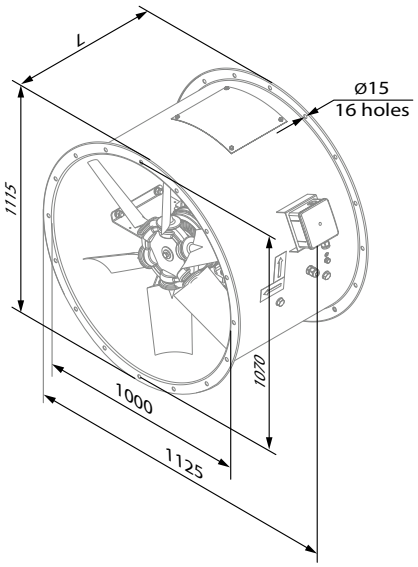
Technical data

AXIS-P 1000-6D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1000	6	3~ 400	Axis-P 1000-6D/1.5-8/25/AL	Axis-P 1000-6D/1.5-8/25/PAG	1.5	960	8	25	167.5	550	①
			Axis-P 1000-6D/2.2-8/30/AL	Axis-P 1000-6D/2.2-8/30/PAG	2.2	960	8	30	173	550	②
			Axis-P 1000-6D/2.2-8/32.5/AL	Axis-P 1000-6D/2.2-8/32.5/PAG	2.2	960	8	32.5	173	550	③
			Axis-P 1000-6D/3-8/35/AL	Axis-P 1000-6D/3-8/35/PAG	3	960	8	35	193.5	650	④
			Axis-P 1000-6D/3-8/37.5/AL	Axis-P 1000-6D/3-8/37.5/PAG	3	960	8	37.5	193.5	650	⑤
			Axis-P 1000-6D/4-8/40/AL	Axis-P 1000-6D/4-8/40/PAG	4	960	8	40	203.5	650	⑥
			Axis-P 1000-6D/5.5-8/45/AL	Axis-P 1000-6D/5.5-8/45/PAG	5.5	960	8	45	207.5	650	⑦
			Axis-P 1000-6D/5.5-8/50/AL	Axis-P 1000-6D/5.5-8/50/PAG	5.5	960	8	50	207.5	650	⑧

Aerodynamic characteristics





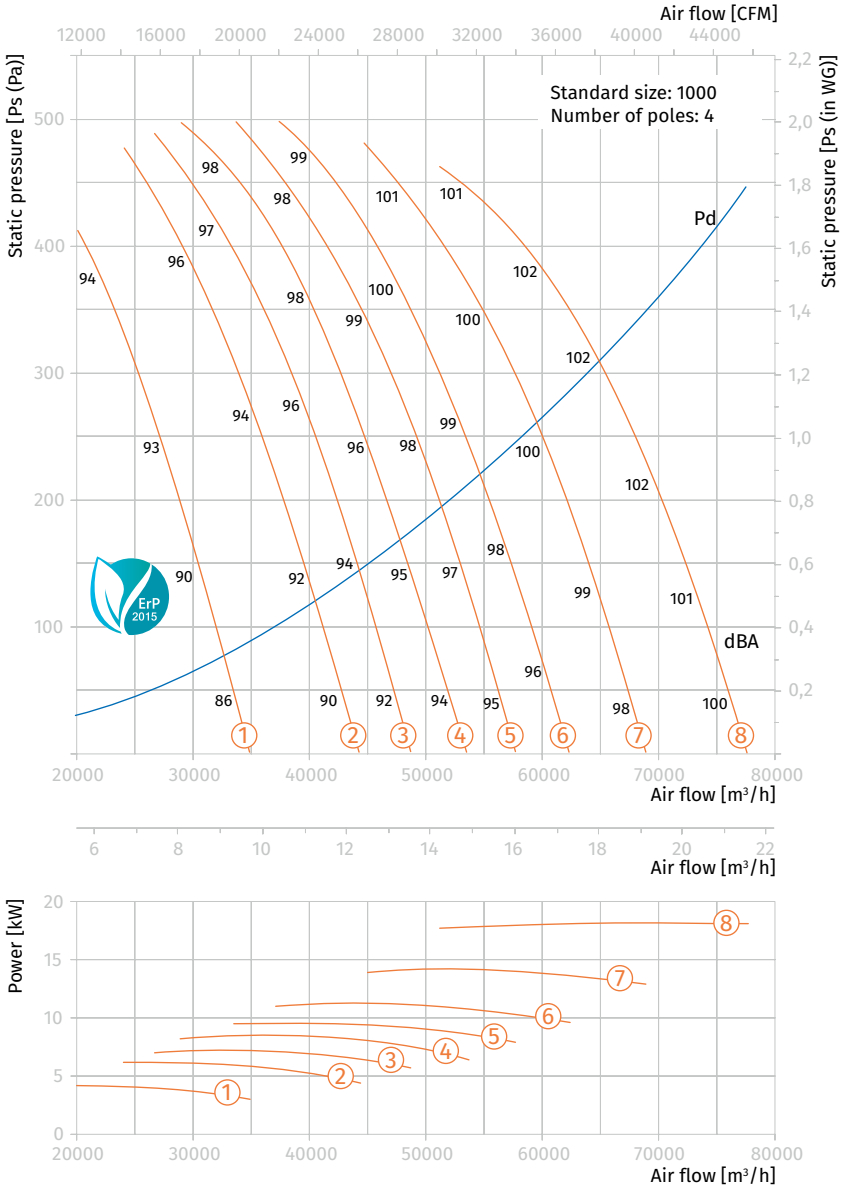
Axis-P 1000-6

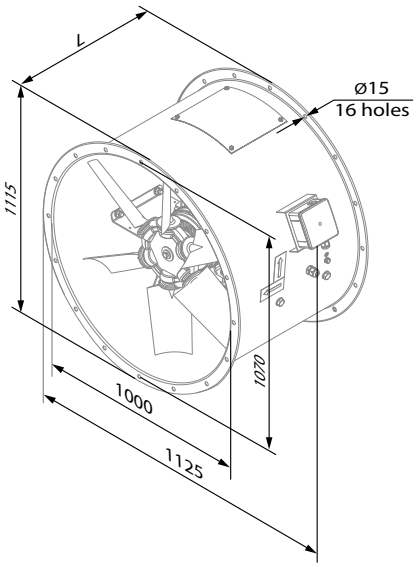
Technical data

AXIS-P 1000-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1000	4	3~ 400	Axis-P 1000-4D/5.5-8/25/AL	Axis-P 1000-4D/5.5-8/25/PAG	5.5	1440	8	25	200.5	550	①
			Axis-P 1000-4D/7.5-8/30/AL	Axis-P 1000-4D/7.5-8/30/PAG	7.5	1440	8	30	203	650	②
			Axis-P 1000-4D/7.5-8/32.5/AL	Axis-P 1000-4D/7.5-8/32.5/PAG	7.5	1440	8	32.5	203	650	③
			Axis-P 1000-4D/9.2-8/35/AL	Axis-P 1000-4D/9.2-8/35/PAG	9.2	1440	8	35	233.5	650	④
			Axis-P 1000-4D/11-8/37.5/AL	Axis-P 1000-4D/11-8/37.5/PAG	11	1440	8	37.5	237.3	750	⑤
			Axis-P 1000-4D/11-8/40/AL	Axis-P 1000-4D/11-8/40/PAG	11	1440	8	40	237.3	750	⑥
			Axis-P 1000-4D/15-8/45/AL	Axis-P 1000-4D/15-8/45/PAG	15	1440	8	45	256.4	750	⑦
			Axis-P 1000-4D/18.5-8/50/AL	Axis-P 1000-4D/18.5-8/50/PAG	18.5	1440	8	50	301.9	850	⑧

Aerodynamic characteristics





Axis-P 1000-4

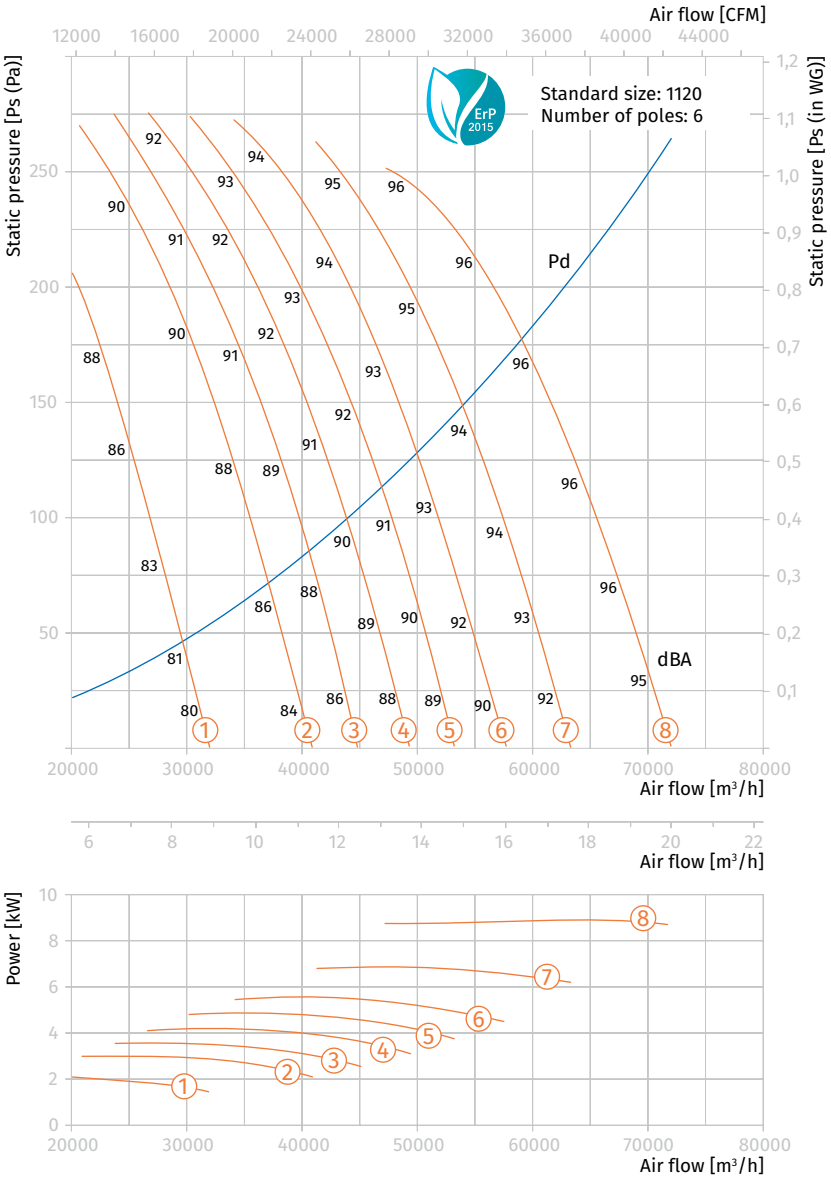
AXIS-P 1000

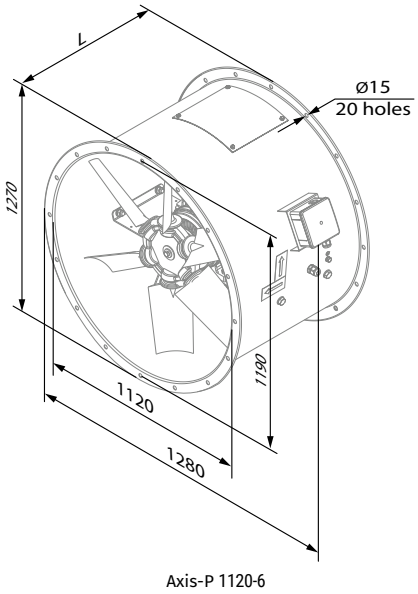
Technical data

AXIS-P 1120-6D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1120	6	3~ 400	Axis-P 1120-6D/2.2-8/25/AL	Axis-P 1120-6D/2.2-8/25/PAG	2.2	960	8	25	192	550	①
			Axis-P 1120-6D/3-8/30/AL	Axis-P 1120-6D/3-8/30/PAG	3	960	8	30	212.5	650	②
			Axis-P 1120-6D/4-8/32.5/AL	Axis-P 1120-6D/4-8/32.5/PAG	4	960	8	32.5	222.5	650	③
			Axis-P 1120-6D/4-8/35/AL	Axis-P 1120-6D/4-8/35/PAG	4	960	8	35	222.5	650	④
			Axis-P 1120-6D/5.5-8/37.5/AL	Axis-P 1120-6D/5.5-8/37.5/PAG	5.5	960	8	37.5	226.5	650	⑤
			Axis-P 1120-6D/5.5-8/40/AL	Axis-P 1120-6D/5.5-8/40/PAG	5.5	960	8	40	226.5	650	⑥
			Axis-P 1120-6D/7.5-8/45/AL	Axis-P 1120-6D/7.5-8/45/PAG	7.5	960	8	45	254.8	750	⑦
			Axis-P 1120-6D/9.2-8/50/AL	Axis-P 1120-6D/9.2-8/50/PAG	9.2	960	8	50	272.5	750	⑧

Aerodynamic characteristics





Axis-P 1120-6

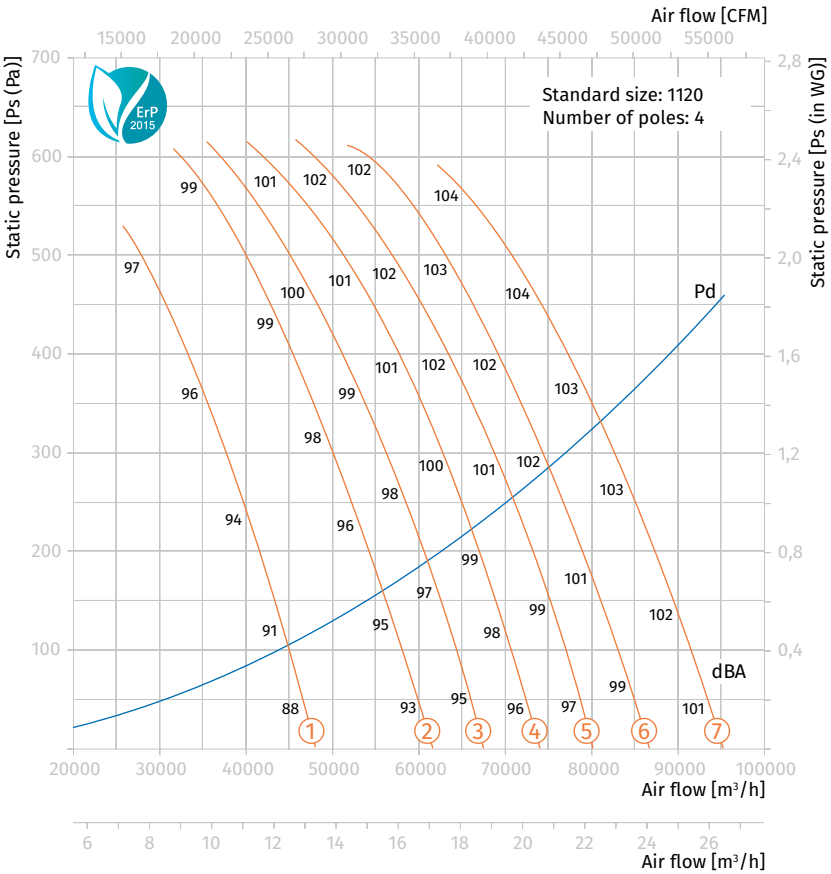
AXIS-P 1120

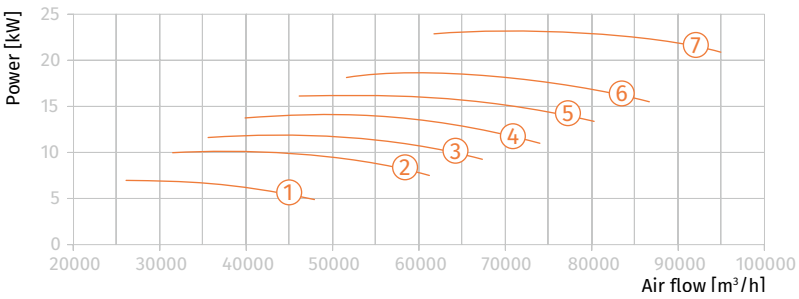
Technical data

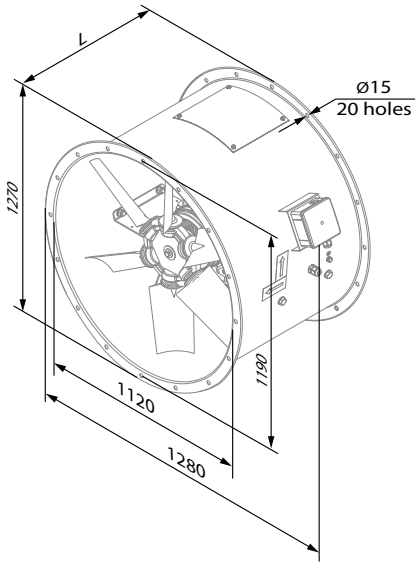
AXIS-P 1120-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1120	4	3~ 400	Axis-P 1120-4D/7.5-8/25/AL	Axis-P 1120-4D/7.5-8/25/PAG	7.5	1440	8	25	222	650	①
			Axis-P 1120-4D/11-8/30/AL	Axis-P 1120-4D/11-8/30/PAG	11	1440	8	30	256.3	750	②
			Axis-P 1120-4D/11-8/32.5/AL	Axis-P 1120-4D/11-8/32.5/PAG	11	1440	8	32.5	256.3	750	③
			Axis-P 1120-4D/15-8/35/AL	Axis-P 1120-4D/15-8/35/PAG	15	1440	8	35	275.4	750	④
			Axis-P 1120-4D/18.5-8/37.5/AL	Axis-P 1120-4D/18.5-8/37.5/PAG	18.5	1440	8	37.5	320.9	850	⑤
			Axis-P 1120-4D/18.5-8/40/AL	Axis-P 1120-4D/18.5-8/40/PAG	18.5	1440	8	40	320.9	850	⑥
			Axis-P 1120-4D/22-8/45/AL	Axis-P 1120-4D/22-8/45/PAG	22	1440	8	45	334.2	850	⑦

Aerodynamic characteristics







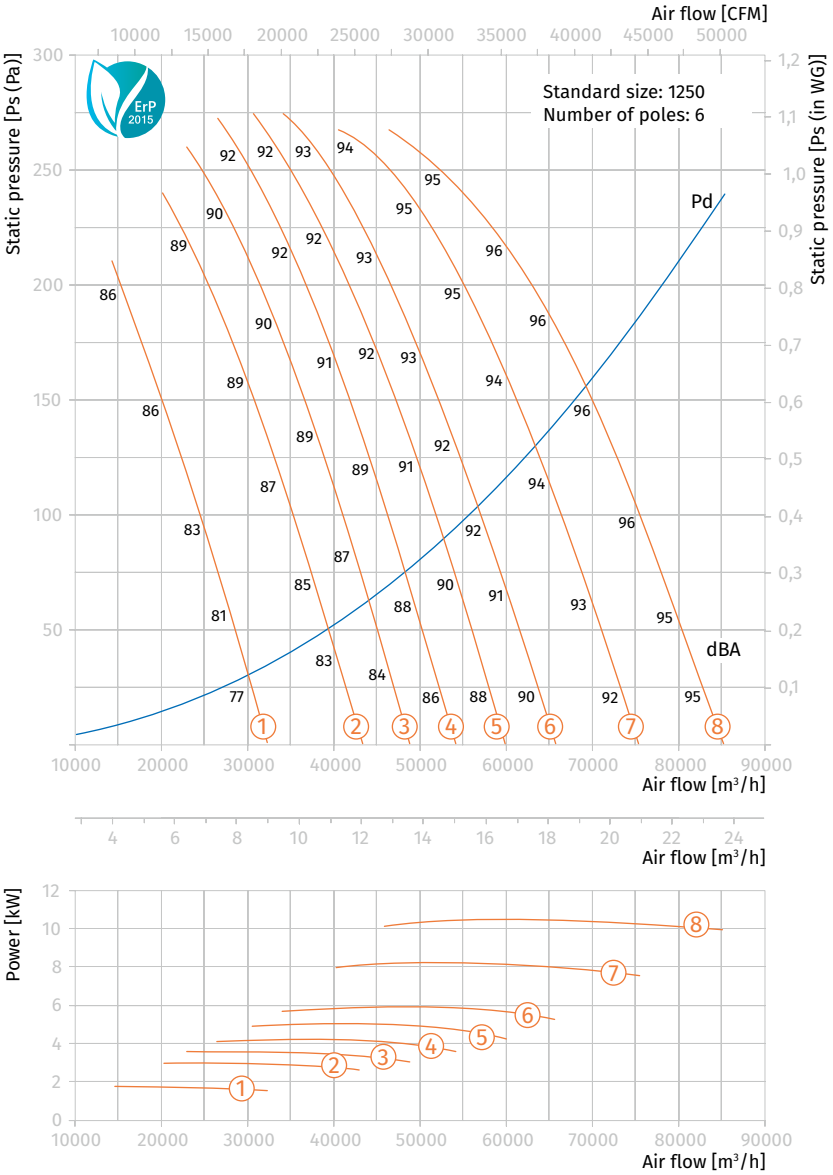
Axis-P 1120-4

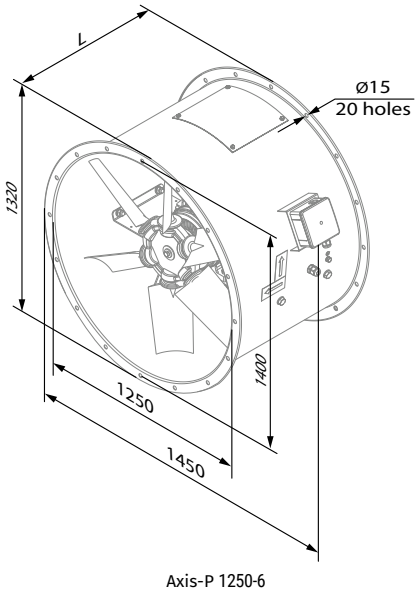
Technical data

AXIS-P 1250-6D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1250	6	3~ 400	Axis-P 1250-6D/2.2-8/25/AL	Axis-P 1250-6D/2.2-8/25/PAG	2.2	960	8	25	211	550	①
			Axis-P 1250-6D/3-8/30/AL	Axis-P 1250-6D/3-8/30/PAG	3	960	8	30	231.5	650	②
			Axis-P 1250-6D/4-8/32.5/AL	Axis-P 1250-6D/4-8/32.5/PAG	4	960	8	32.5	241.5	650	③
			Axis-P 1250-6D/5.5-8/35/AL	Axis-P 1250-6D/5.5-8/35/PAG	5.5	960	8	35	245.5	650	④
			Axis-P 1250-6D/5.5-8/37.5/AL	Axis-P 1250-6D/5.5-8/37.5/PAG	5.5	960	8	37.5	245.5	650	⑤
			Axis-P 1250-6D/7.5-8/40/AL	Axis-P 1250-6D/7.5-8/40/PAG	7.5	960	8	40	273.8	750	⑥
			Axis-P 1250-6D/9.2-8/45/AL	Axis-P 1250-6D/9.2-8/45/PAG	9.2	960	8	45	291.5	750	⑦
			Axis-P 1250-6D/11-8/50/AL	Axis-P 1250-6D/11-8/50/PAG	11	960	8	50	299.3	750	⑧

Aerodynamic characteristics





Axis-P 1250-6

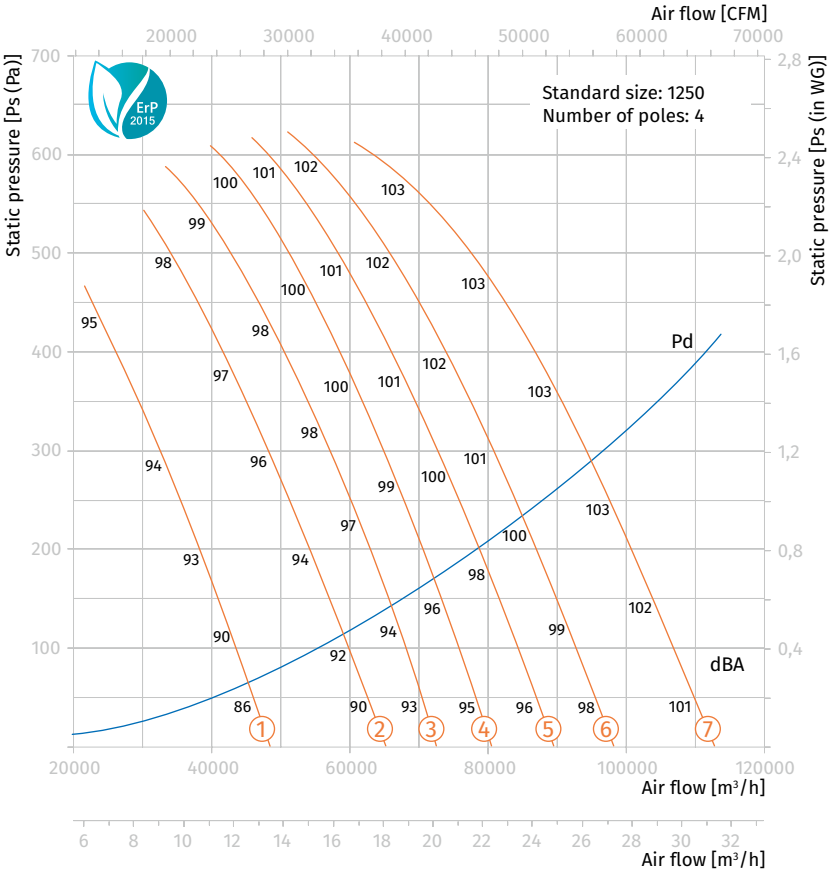
AXIS-P 1250

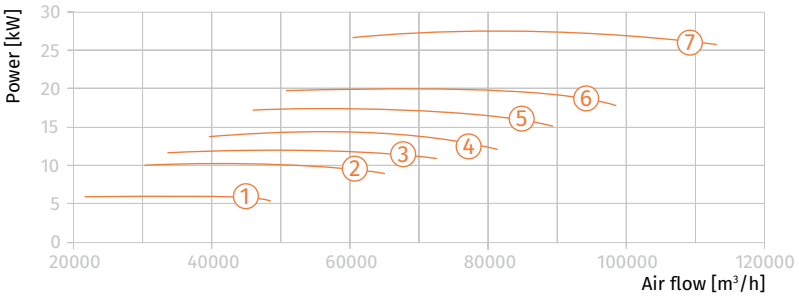
Technical data

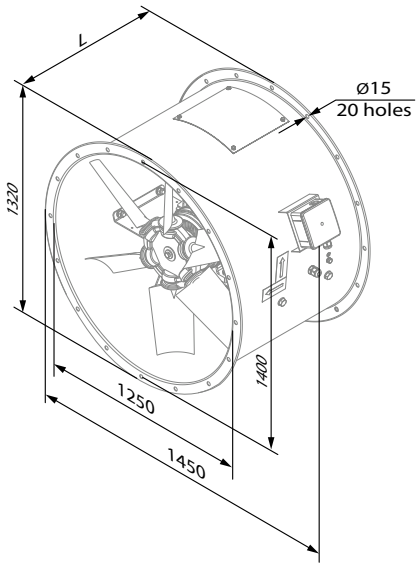
AXIS-P 1250-4D

Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1250	4	3~ 400	Axis-P 1250-4D/7.5-8/25/AL	Axis-P 1250-4D/7.5-8/25/PAG	7.5	1440	8	25	241	650	①
			Axis-P 1250-4D/11-8/30/AL	Axis-P 1250-4D/11-8/30/PAG	11	1440	8	30	275.3	750	②
			Axis-P 1250-4D/15-8/32.5/AL	Axis-P 1250-4D/15-8/32.5/PAG	15	1440	8	32.5	294.4	750	③
			Axis-P 1250-4D/15-8/35/AL	Axis-P 1250-4D/15-8/35/PAG	15	1440	8	35	294.4	750	④
			Axis-P 1250-4D/18.5-8/37.5/AL	Axis-P 1250-4D/18.5-8/37.5/PAG	18.5	1440	8	37.5	339.9	850	⑤
			Axis-P 1250-4D/22-8/40/AL	Axis-P 1250-4D/22-8/40/PAG	22	1440	8	40	353.2	850	⑥
			Axis-P 1250-4D/30-8/45/AL	Axis-P 1250-4D/30-8/45/PAG	30	1440	8	45	416.2	850	⑦

Aerodynamic characteristics



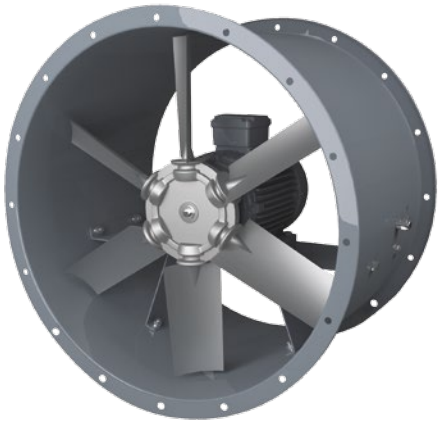




Axis-P 1250-4

Axis-FP

Axial smoke extraction fan



Use

- The fans are used for extraction of smoke in case of fire and removal of hot air outside. The fans are also used for general ventilation systems.
- The fans are rated for permanent operation at ambient air temperatures from -60 °C up to +50 °C (depends on climatic category, see the Designation key). The fans are able to operate 2 hours at the temperatures +200 °C, +300 °C and +400 °C.

Air flow:
up to 108 000 m³/h

Fire resistance rating:
200 °C/2 hours
300 °C/2 hours
400 °C/2 hours

ErP 2015

Design

- The fan consists of the casing, impeller and motor. The metal casing with rolled flanges helps achieve outstanding rigidity and minimum clearances between the casing and the blades. There is an inspection hatch in the casing for easy maintenance. All the casing components are powder coated for improved protection against the environmental effects.

Motor

- The fans are equipped with three-phase (400 V/50 Hz) motors. Depending on the model, the fans have single- or double-speed modifications.
- The single-speed models are equipped with 2-, 4- or 6-pole motors.
- The double-speed models are equipped with 2/4- or 4/8-pole motors.

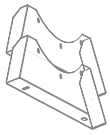
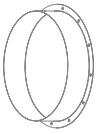
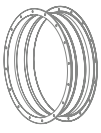
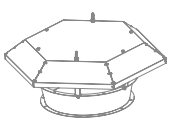
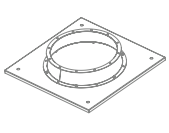
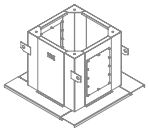
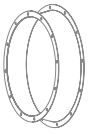
Impeller

- Depending on the size and the required air capacity the fans are equipped with impellers with 6 or 8 blades angled from 20° to 50° with from 2.5 up to 5° stepping to ensure precise matching of fans with the operating point. The specially designed impeller blades ensure high efficiency of the fan while keeping noise well under control. The impellers are dynamically balanced. Low weight and low moment of the impeller inertia help reduce the fan start-up time. The fan blades are made of cast aluminium.

Mounting

- The fans can be mounted on any flat surface or directly into a ventilation duct. The units are suitable for both horizontal and vertical configurations. Installation in the air duct requires flanges to attach the fan to the ductwork. To attach the fan to the floor, a wall or the ceiling use the O-AF carriers (not included as standard, should be purchased separately). The fans are suitable for installation on rooftops.

Accessories:

Carrier	Flange	Flexible joint	Hood	Roof adapter	Mounting curb	Inlet cone
						
O-AF	F-AF	EVAF-AF	Z-AF	PK-AF	SM-AF	VK-AF

Designation key

Casing | Motor | Impeller | Modification

AXIS-FP 630 K - 2 D / 5.5 - 8 / 35 / AL - U 1 - 300/2

Axis-FP: Axial smoke extraction fan

Standard size (dict diameter) [mm]

Modification:
_: prolonged casing;
K: shortened casing

Number of the motor poles

Motor phase:
E: single-phase;
D: three-phase

Motor power [kW]

Number of the impeller blades [items]

Blade setting angle [°]

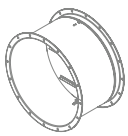
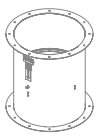
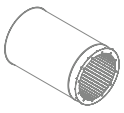
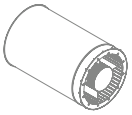
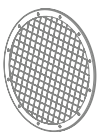
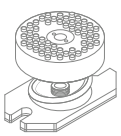
Blade material: AL: Aluminium

Climatic category:
U: moderate climate (-40 ... +40 °C)
HL: cold climate (-60 ... +40 °C)
UHL: moderate and cold climate (-60 ... +40 °C)
T: tropical climate (-10 ... +40 °C)
M: maritime moderately cold climate (-40 ... +40 °C)
O: general climatic modification (except maritime climate) (-60 ... +50 °C)
OM: general maritime climatic modification (-40 ... +40 °C)
V: universal climatic modification (-60 ... +50 °C)

Placement category:
1: outdoors
2: under a shed or indoors with the same conditions as outdoors except solar radiation and precipitation
3: in closed rooms without artificial climate control
4: in closed rooms with artificial climate control (ventilation, heating)
5: in rooms with high levels of humidity, without artificial climate control

Fire resistance rating:
200/2: 200 °C, 2 hours
300/2: 300 °C, 2 hours
400/2: 400 °C, 2 hours

Accessories:

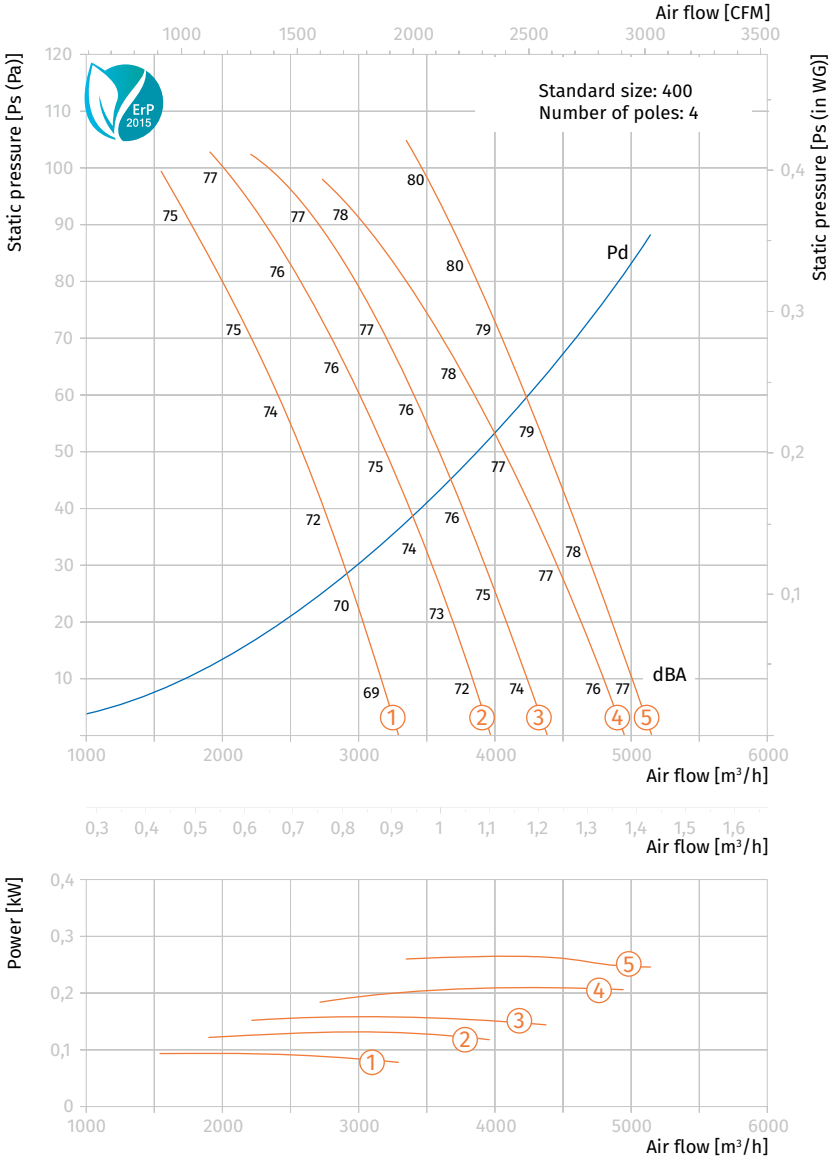
Backdraft damper	Backdraft damper	Silencer		Protective mesh	Anti-vibration mount	
						
VRV-AF	VRV1-AF	SD	SDV	SZ-AF	SI-F	SI-G

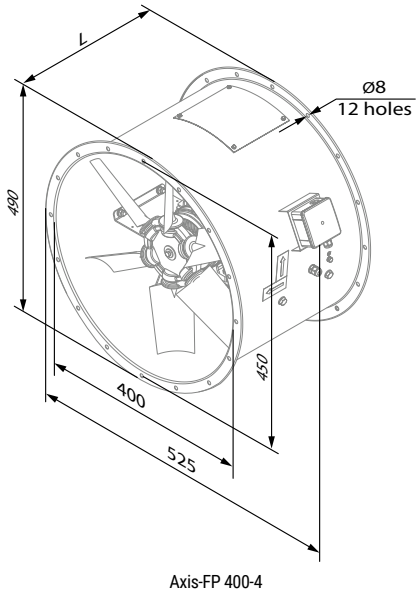
Technical data

AXIS-FP 400-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
400	4	3~ 400	Axis-FP 400-4D/0.55-6/30/AL	0.55	1440	6	30	26.5	350	①
			Axis-FP 400-4D/0.55-6/35/AL	0.55	1440	6	35	26.5	350	②
			Axis-FP 400-4D/0.55-6/40/AL	0.55	1440	6	40	26.5	350	③
			Axis-FP 400-4D/0.55-6/45/AL	0.55	1440	6	45	26.5	350	④
			Axis-FP 400-4D/0.55-8/45/AL	0.55	1440	8	45	27	350	⑤

Aerodynamic characteristics





Axis-FP 400-4

AXIS-FP 400

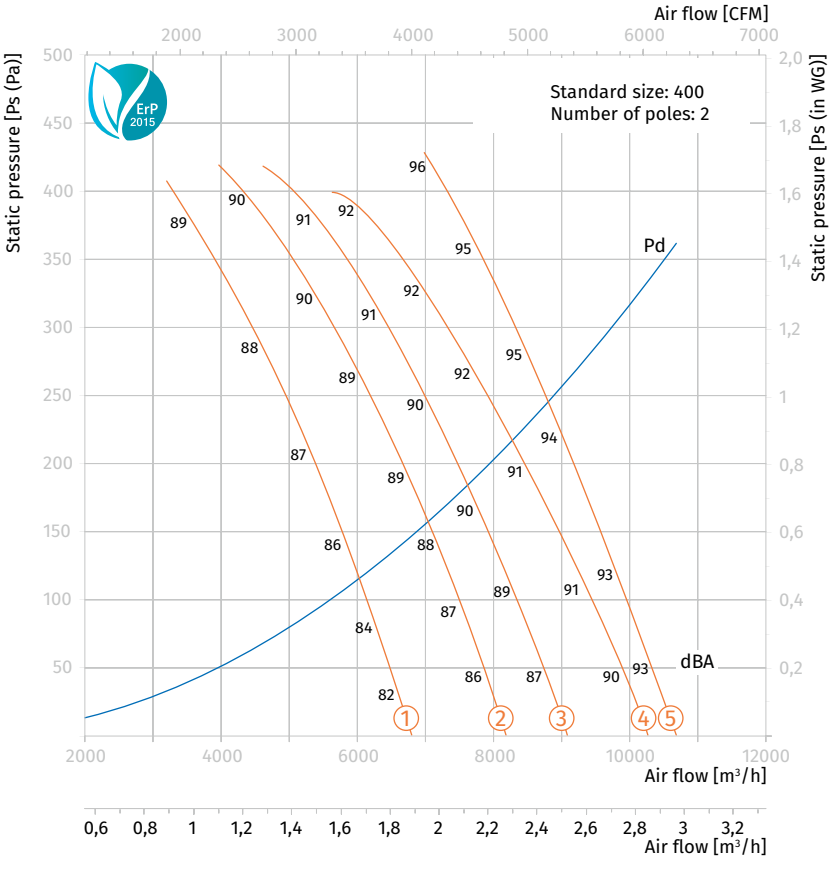
Technical data

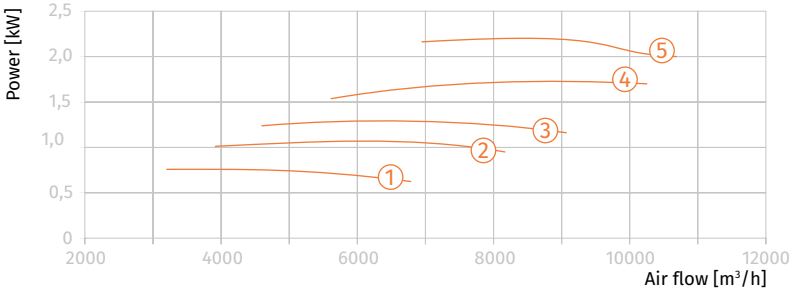
AXIS-FP 400-2D

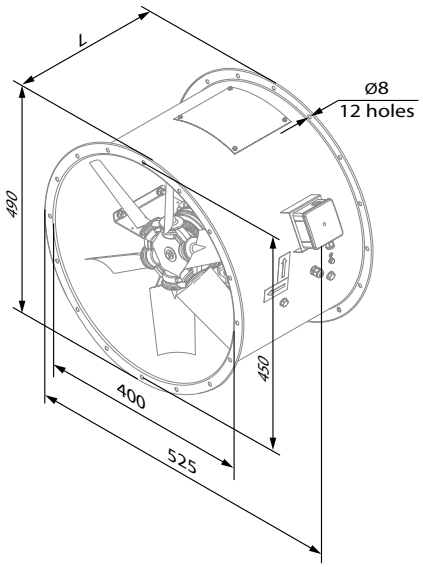
Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
400	2	3~ 400	Axis-FP 400-2D/0.75-6/30/AL	0.75	2880	6	30	26.5	350	①
			Axis-FP 400-2D/1.1-6/35/AL	1.1	2880	6	35	27.5	450	②
			Axis-FP 400-2D/1.5-6/40/AL	1.5	2880	6	40	32.5	450	③
			Axis-FP 400-2D/2.2-6/45/AL	2.2	2880	6	45	34.5	450	④
			Axis-FP 400-2D/2.2-8/45/AL	2.2	2880	8	45	35	450	⑤
400	2/4	3~ 400	Axis-FP 400-2/4D/0.8/0.2-6/30/AL	0.8/0.2	2880/1440	6	30	26.5	350	①*
			Axis-FP 400-2/4D/1.1/0.25-6/35/AL	1.1/0.25	2880/1440	6	35	27.5	450	②*
			Axis-FP 400-2/4D/1.5/0.37-6/40/AL	1.5/0.37	2880/1440	6	40	32.5	450	③*
			Axis-FP 400-2/4D/2.2/0.5-6/45/AL	2.2/0.5	2880/1440	6	45	34.5	450	④*
			Axis-FP 400-2/4D/2.2/0.5-8/45/AL	2.2/0.5	2880/1440	8	45	35	450	⑤*

* maximum speed graph

Aerodynamic characteristics







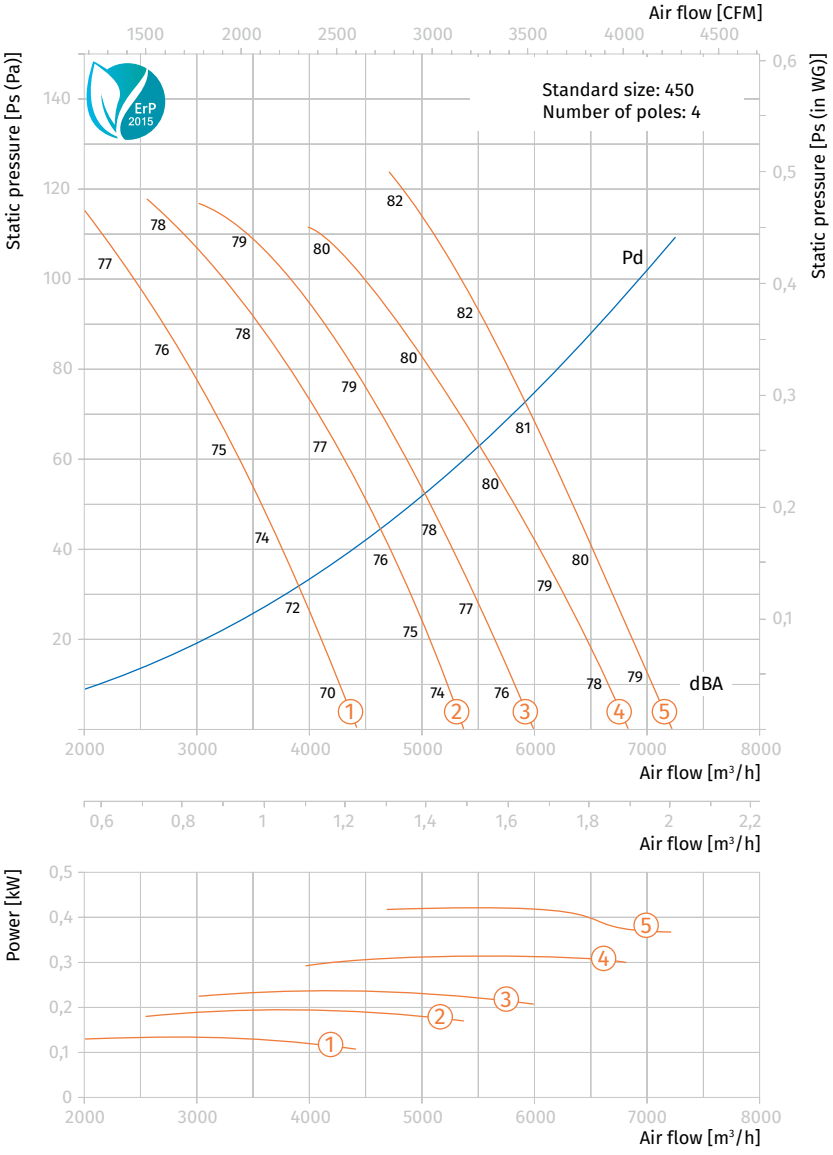
Axis-FP 400-2

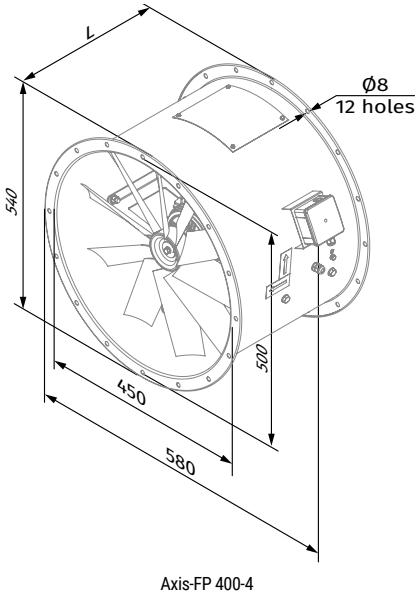
Technical data

AXIS-FP 450-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
450	4	3~ 400	Axis-FP 450-4D/0.55-6/30/AL	0.55	1440	6	30	36.1	350	①
			Axis-FP 450-4D/0.55-6/35/AL	0.55	1440	6	35	36.1	350	②
			Axis-FP 450-4D/0.55-6/40/AL	0.55	1440	6	40	36.1	350	③
			Axis-FP 450-4D/0.55-6/45/AL	0.55	1440	6	45	36.1	350	④
			Axis-FP 450-4D/0.55-8/45/AL	0.55	1440	8	45	36.6	350	⑤

Aerodynamic characteristics





Axis-FP 400-4

AXIS-FP 450

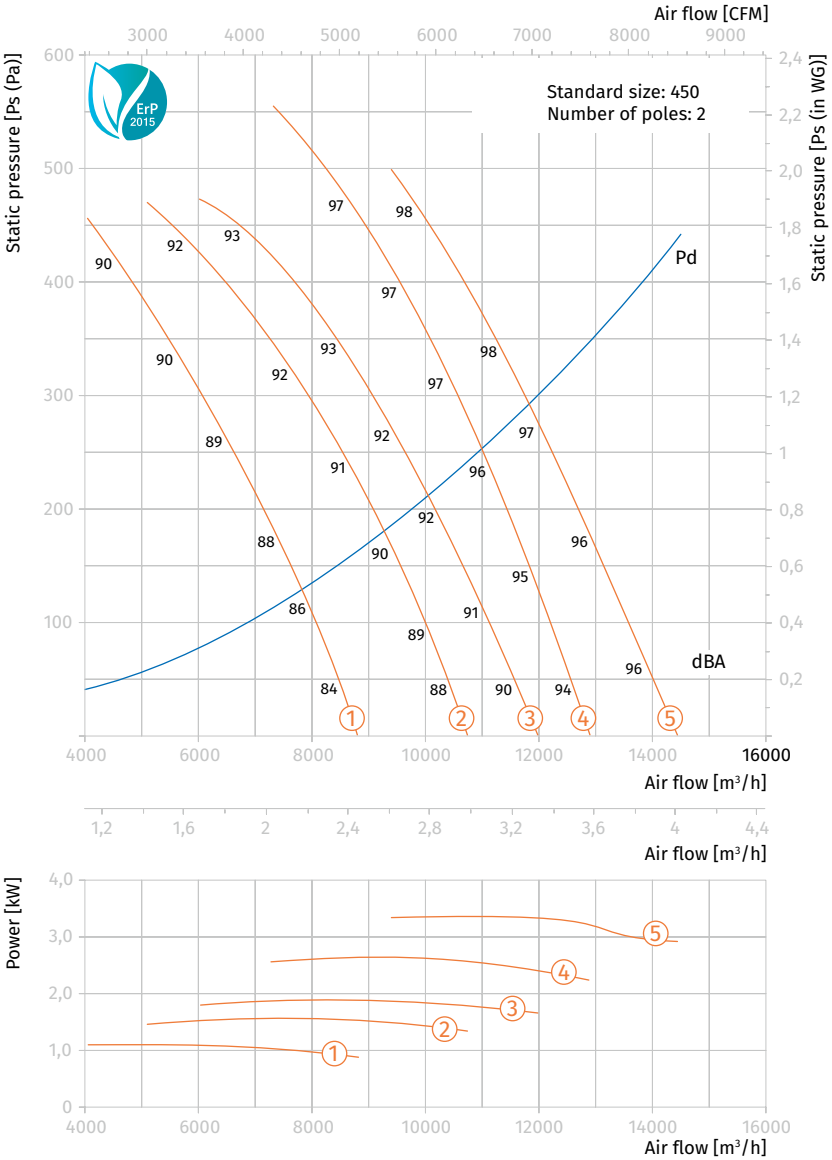
Technical data

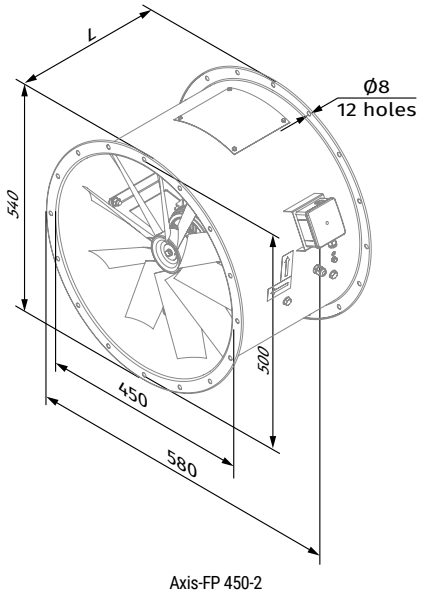
AXIS-FP 450-2D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
450	2	3~ 400	Axis-FP 450-2D/1.1-6/30/AL	1.1	2880	6	30	37.1	450	①
			Axis-FP 450-2D/1.5-6/35/AL	1.5	2880	6	35	42.1	450	②
			Axis-FP 450-2D/2.2-6/40/AL	2.2	2880	6	40	44.1	450	③
			Axis-FP 450-2D/3-8/40/AL	3	2880	8	40	53.6	450	④
			Axis-FP 450-2D/4-8/45/AL	4	2880	8	45	64.6	550	⑤
450	2/4	3~ 400	Axis-FP 450-2/4D/1.1/0.25-6/30/AL	1.1/0.25	2880/1440	6	30	37.1	450	①*
			Axis-FP 450-2/4D/1.5/0.37-6/35/AL	1.5/0.37	2880/1440	6	35	42.1	450	②*
			Axis-FP 450-2/4D/2.2/0.5-6/40/AL	2.2/0.5	2880/1440	6	40	44.1	450	③*
			Axis-FP 450-2/4D/3.1/0.8-8/40/AL	3.1/0.8	2880/1440	8	40	55.6	450	④*
			Axis-FP 450-2/4D/4.4/1.1-8/45/AL	4.4/1.1	2880/1440	8	45	65.6	550	⑤*

* maximum speed graph

Aerodynamic characteristics





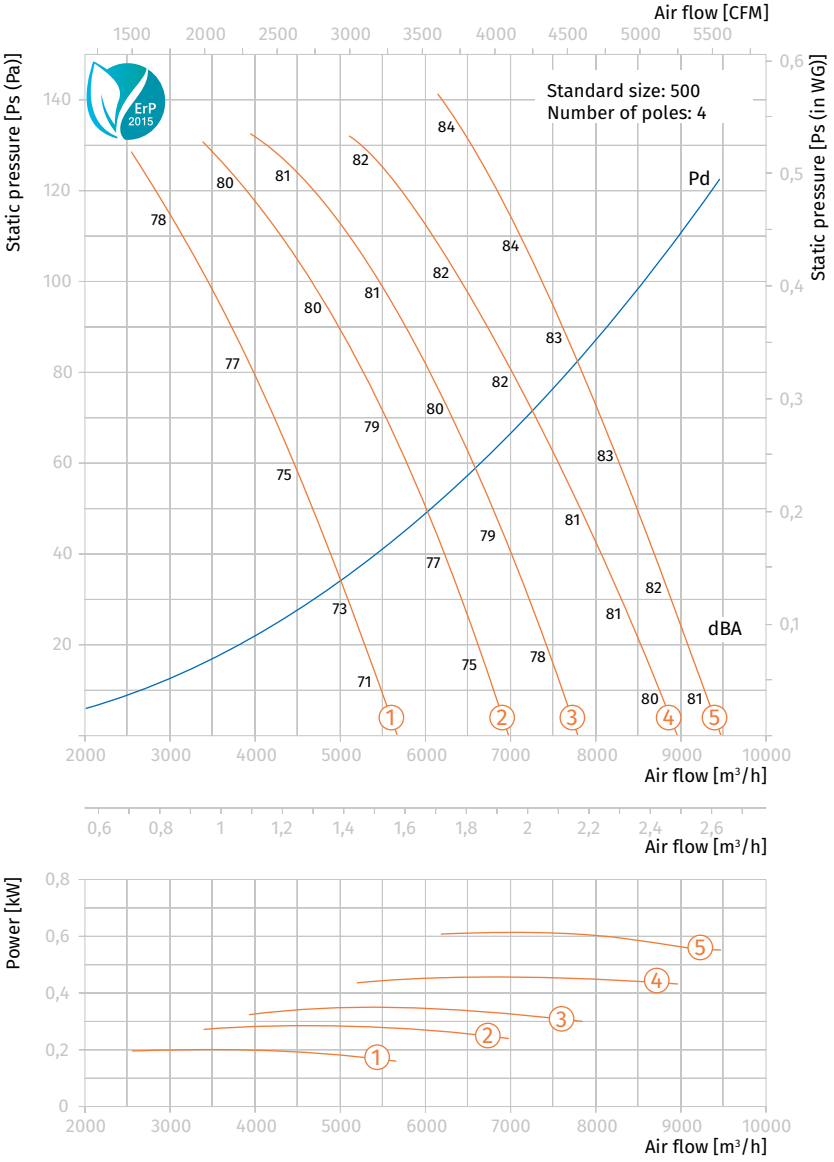
Axis-FP 450-2

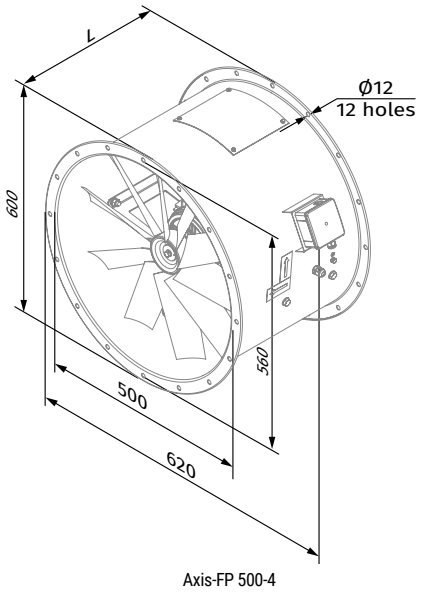
Technical data

AXIS-FP 500-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
500	4	3~ 400	Axis-FP 500-4D/0.55-6/30/AL	0.55	1440	6	30	47.7	350	①
			Axis-FP 500-4D/0.55-6/35/AL	0.55	1440	6	35	47.7	350	②
			Axis-FP 500-4D/0.55-6/40/AL	0.55	1440	6	40	47.7	350	③
			Axis-FP 500-4D/0.55-6/45/AL	0.55	1440	6	45	47.7	350	④
			Axis-FP 500-4D/0.75-8/45/AL	0.75	1440	8	45	49.3	450	⑤

Aerodynamic characteristics





Axis-FP 500-4

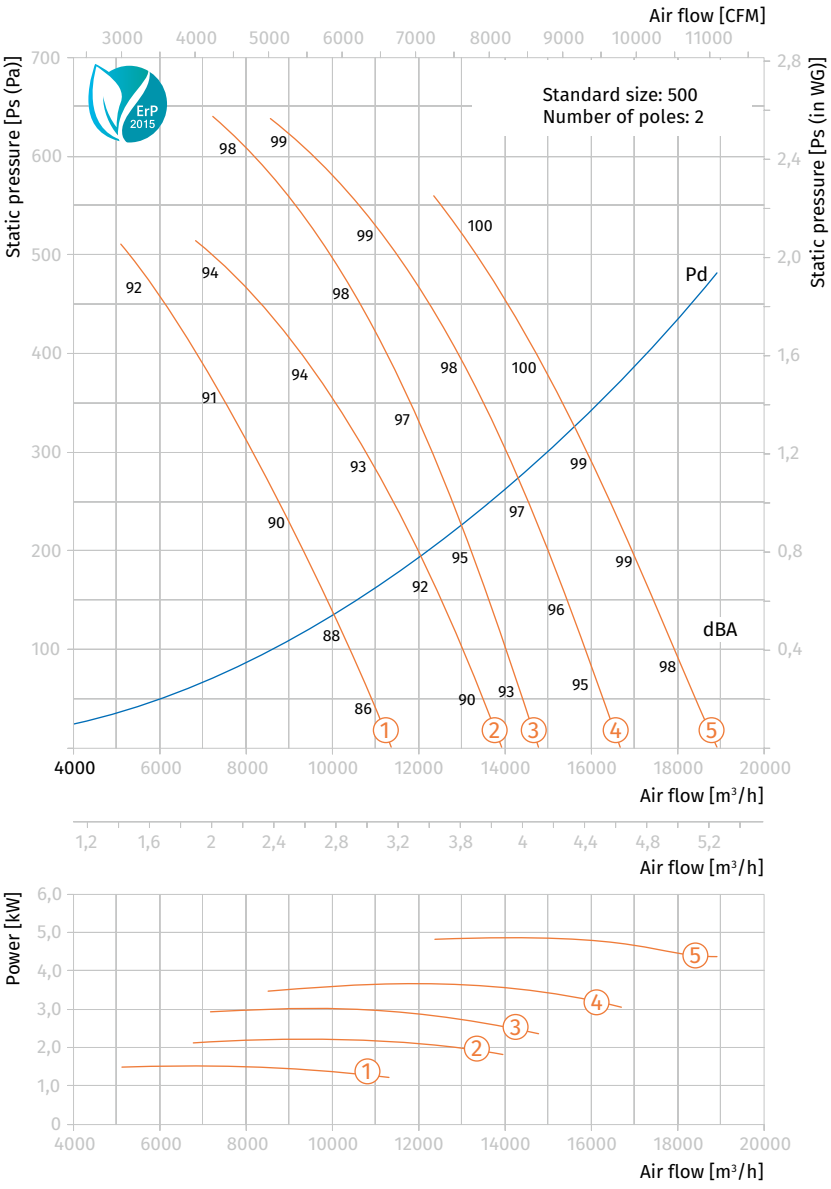
Technical data

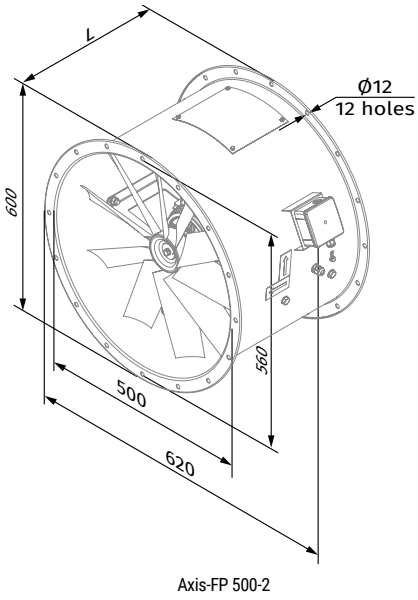
AXIS-FP 500-2D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
500	2	3~ 400	Axis-FP 500-2D/1.5-6/30/AL	1.5	2880	6	30	53.7	450	①
			Axis-FP 500-2D/2.2-6/35/AL	2.2	2880	6	35	55.7	450	②
			Axis-FP 500-2D/3-8/35/AL	3	2880	8	35	65.3	450	③
			Axis-FP 500-2D/4-8/40/AL	4	2880	8	40	76.3	550	④
			Axis-FP 500-2D/5.5-8/45/AL	5.5	2880	8	45	95.3	550	⑤
500	2/4	3~ 400	Axis-FP 500-2/4D/1.5/0.37-6/30/AL	1.5/0.37	2880/1440	6	30	53.7	450	①*
			Axis-FP 500-2/4D/2.2/0.5-6/35/AL	2.2/0.5	2880/1440	6	35	55.7	450	②*
			Axis-FP 500-2/4D/3.1/0.8-8/35/AL	3.1/0.8	2880/1440	6	40	67.3	450	③*
			Axis-FP 500-2/4D/4.4/1.1-8/40/AL	4.4/1.1	2880/1440	8	40	77.3	550	④*
			Axis-FP 500-2/4D/6.0/1.5-8/45/AL	6/1.5	2880/1440	8	45	92.3	550	⑤*

* maximum speed graph

Aerodynamic characteristics





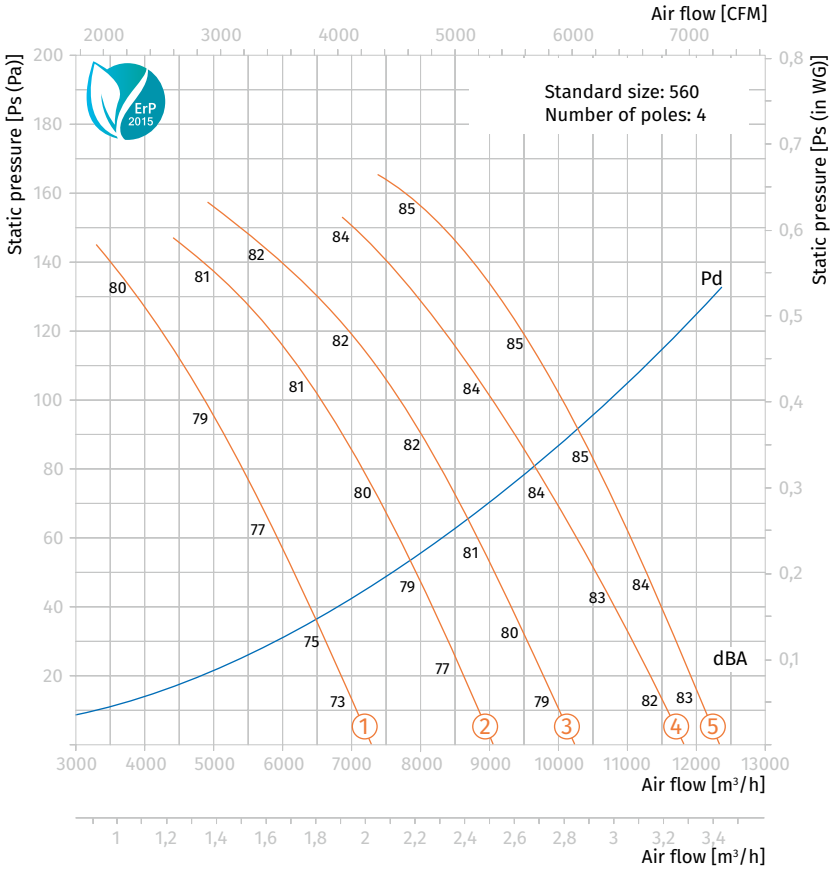
Axis-FP 500-2

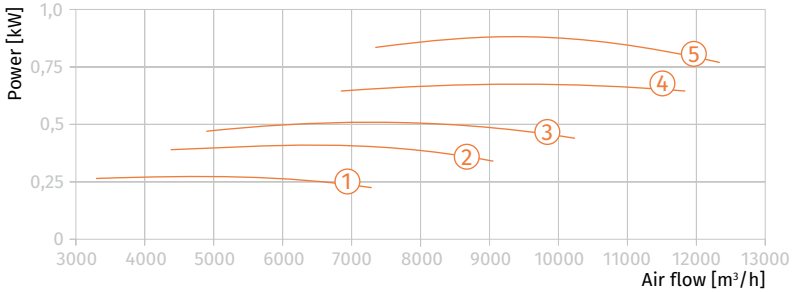
Technical data

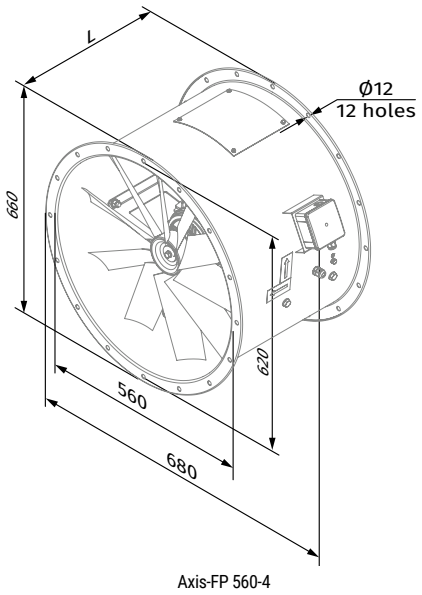
AXIS-FP 560-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
560	4	3~ 400	Axis-FP 560-4D/0.55-6/30/AL	0.55	1440	6	30	64.8	350	①
			Axis-FP 560-4D/0.55-6/35/AL	0.55	1440	6	35	64.8	350	②
			Axis-FP 560-4D/0.55-6/40/AL	0.55	1440	6	40	64.8	350	③
			Axis-FP 560-4D/0.75-6/45/AL	0.75	1440	6	45	65.8	450	④
			Axis-FP 560-4D/1.1-8/45/AL	1.1	1440	8	45	72.4	450	⑤

Aerodynamic characteristics







Axis-FP 560-4

AXIS-FP 560

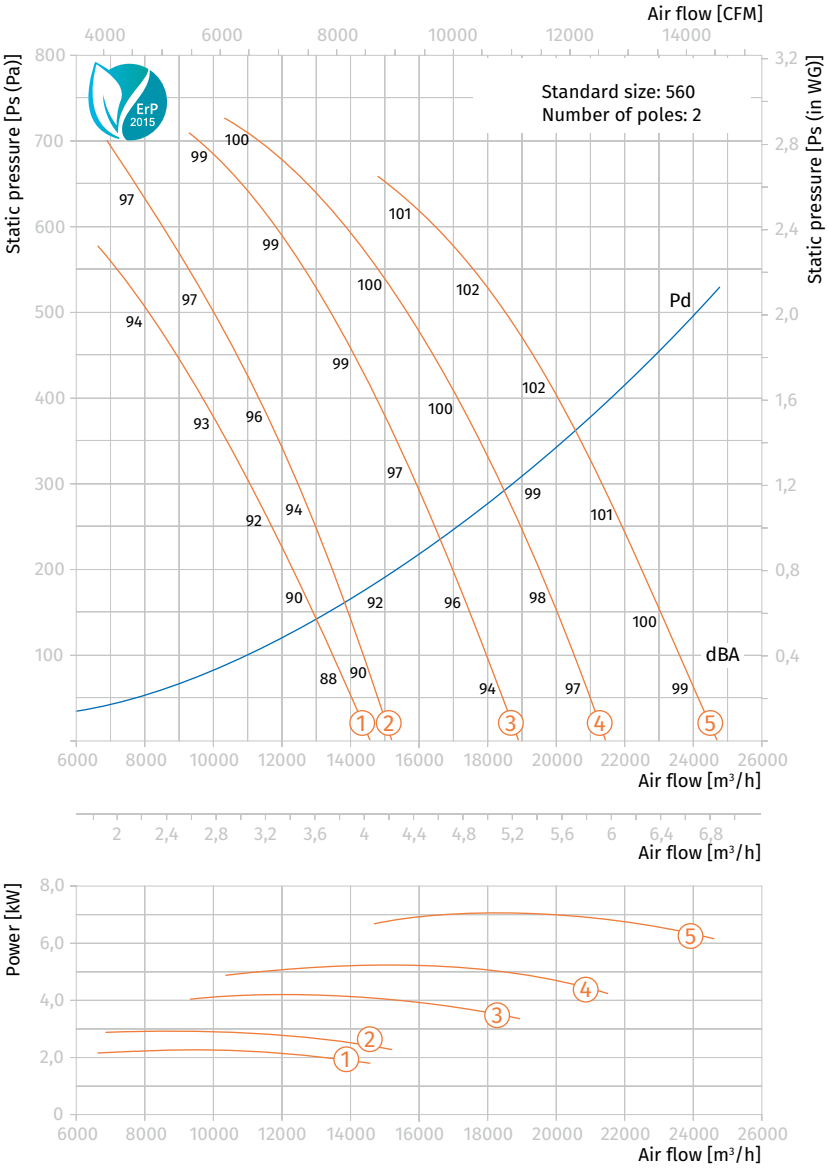
Technical data

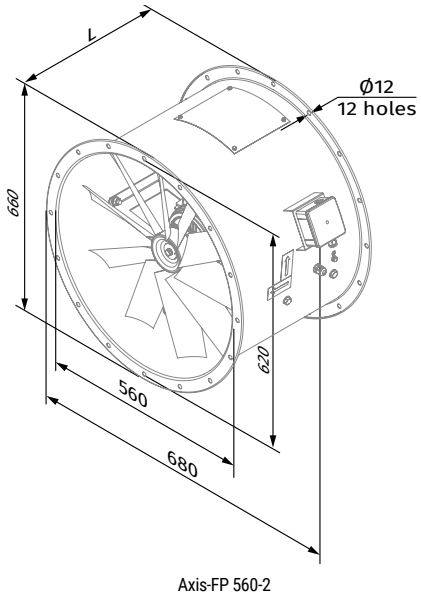
AXIS-FP 560-2D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
560	2	3~ 400	Axis-FP 560-2D/2.2-6/30/AL	2.2	2880	6	30	72.8	450	①
			Axis-FP 560-2D/3-8/30/AL	3	2880	8	30	82.4	450	②
			Axis-FP 560-2D/4-8/35/AL	4	2880	8	35	93.4	550	③
			Axis-FP 560-2D/5.5-8/40/AL	5.5	2880	8	40	112.4	550	④
			Axis-FP 560-2D/7.5-8/45/AL	7.5	2880	8	45	118.4	550	⑤
560	2/4	3~ 400	Axis-FP 560-2/4D/2.2/0.5-6/30/AL	2.2/0.5	2880/1440	6	30	72.8	450	①*
			Axis-FP 560-2/4D/3.1/0.8-8/30/AL	3.1/0.8	2880/1440	8	30	84.4	450	②*
			Axis-FP 560-2/4D/4.4/1.1-8/35/AL	4.4/1.1	2880/1440	8	35	94.4	550	③*
			Axis-FP 560-2/4D/6/1.5-8/40/AL	6/1.5	2880/1440	8	40	109.4	550	④*
			Axis-FP 560-2/4D/8/2-8/45/AL	8/2	2880/1440	8	45	118.4	550	⑤*

* maximum speed graph

Aerodynamic characteristics





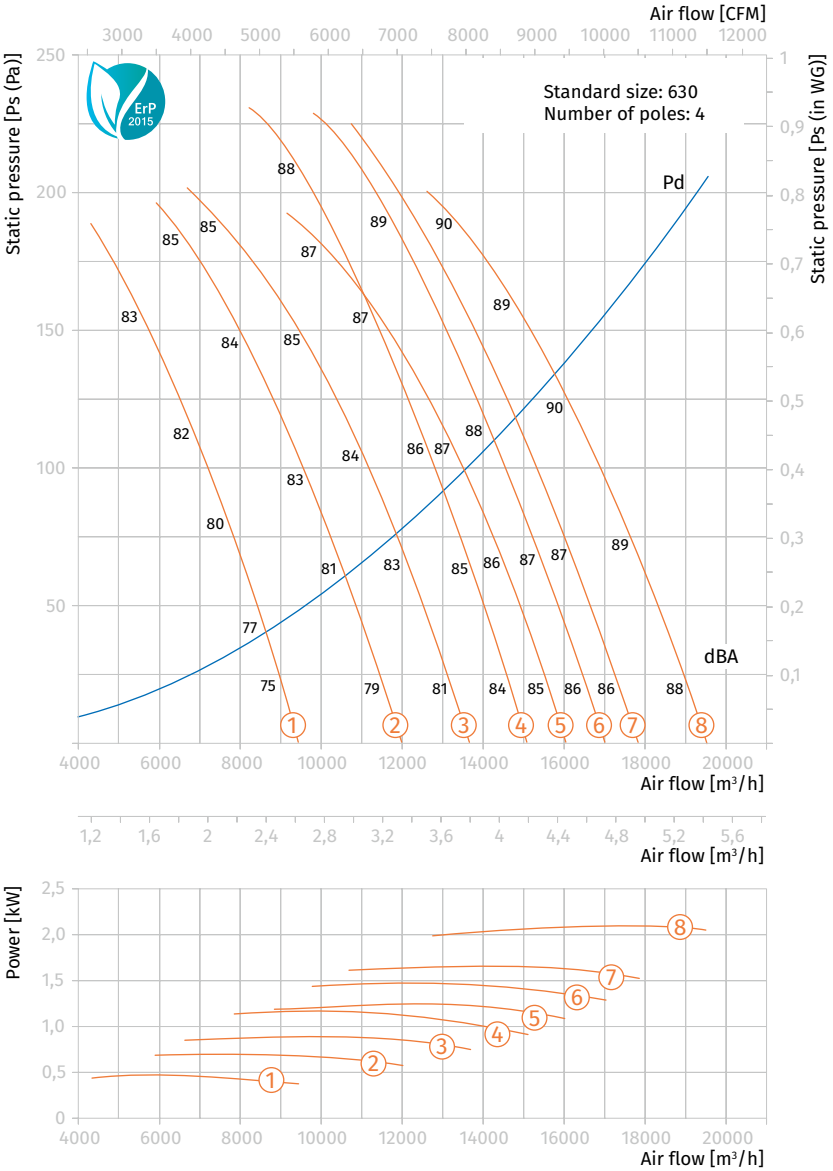
Axis-FP 560-2

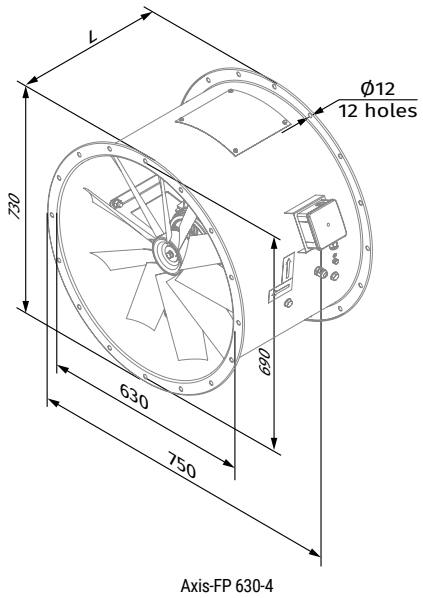
Technical data

AXIS-FP 630-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
630	4	3~ 400	Axis-FP 630-4D/0.55-8/30/AL	0.55	1440	8	30	71	350	①
			Axis-FP 630-4D/0.75-8/35/AL	0.75	1440	8	35	72	450	②
			Axis-FP 630-4D/1.1-8/40/AL	1.1	1440	8	40	78	450	③
			Axis-FP 630-4D/1.5-6/32.5/AL	1.5	1440	6	32.5	82.1	450	④
			Axis-FP 630-4D/1.5-8/45/AL	1.5	1440	8	45	81	450	⑤
			Axis-FP 630-4D/1.5-6/37.5/AL	1.5	1440	6	37.5	82.1	450	⑥
			Axis-FP 630-4D/2.2-6/40/AL	2.2	1440	6	40	88.1	450	⑦
			Axis-FP 630-4D/2.2-6/45/AL	2.2	1440	6	45	88.1	450	⑧

Aerodynamic characteristics





Axis-FP 630-4

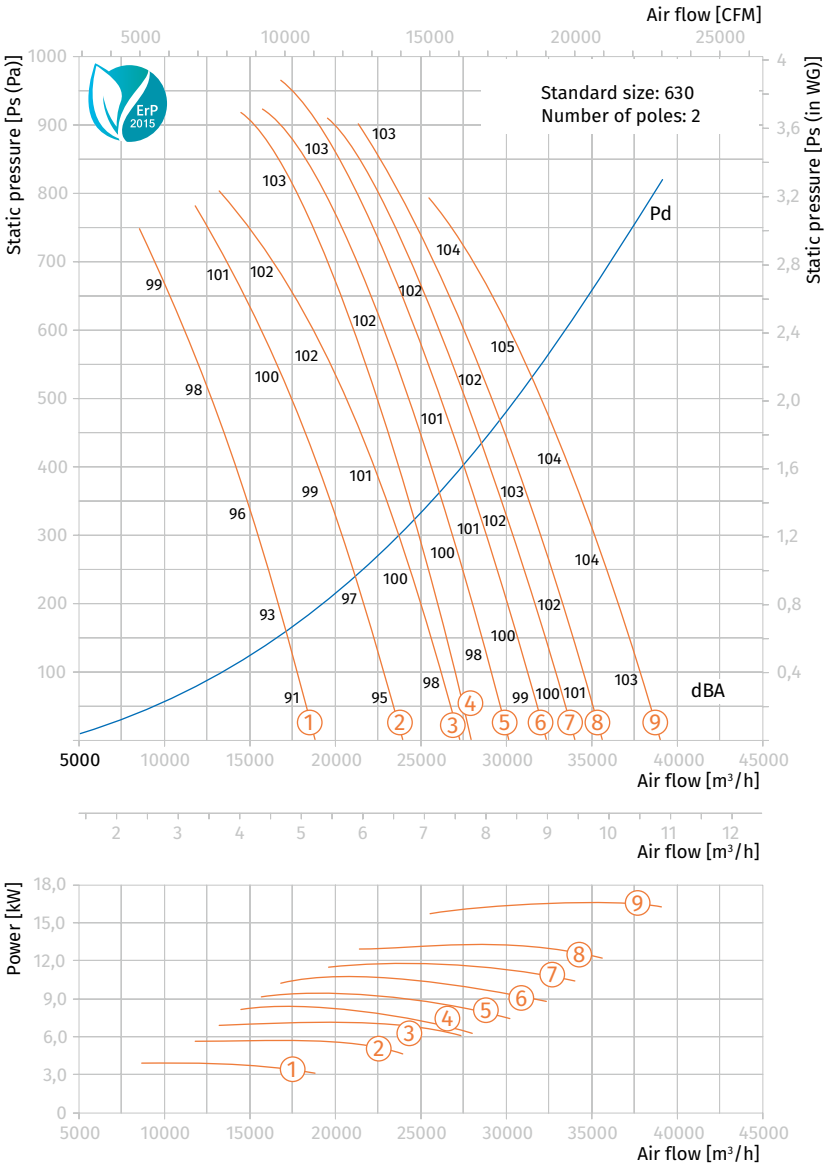
AXIS-FP 630

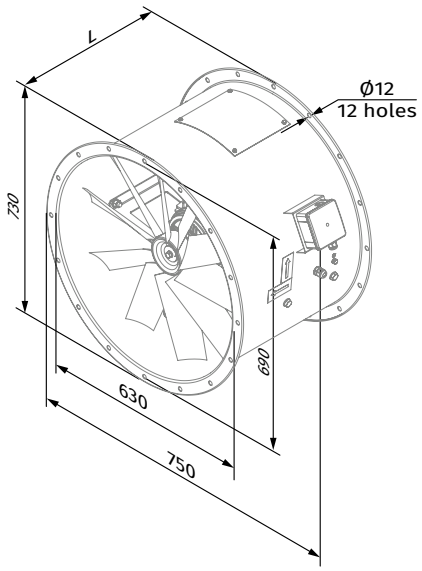
Technical data

AXIS-FP 630-2D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
630	2	3~ 400	Axis-FP 630-2D/4-8/30/AL	4	2880	8	30	99	550	①
			Axis-FP 630-2D/5.5-8/35/AL	5.5	2880	8	35	118	550	②
			Axis-FP 630-2D/7.5-8/40/AL	7.5	2880	8	40	124	550	③
			Axis-FP 630-2D/9.2-6/30/AL	9.2	2880	6	30	143.1	650	④
			Axis-FP 630-2D/11-6/32.5/AL	11	2880	6	32.5	162.1	650	⑤
			Axis-FP 630-2D/11-6/35/AL	11	2880	6	35	162.1	650	⑥
			Axis-FP 630-2D/15-6/37.5/AL	15	2880	6	37.5	169.1	750	⑦
			Axis-FP 630-2D/15-6/40/AL	15	2880	6	40	169.1	750	⑧
			Axis-FP 630-2D/18.5-6/45/AL	18.5	2880	6	45	184.1	750	⑨

Aerodynamic characteristics





Axis-FP 630-2

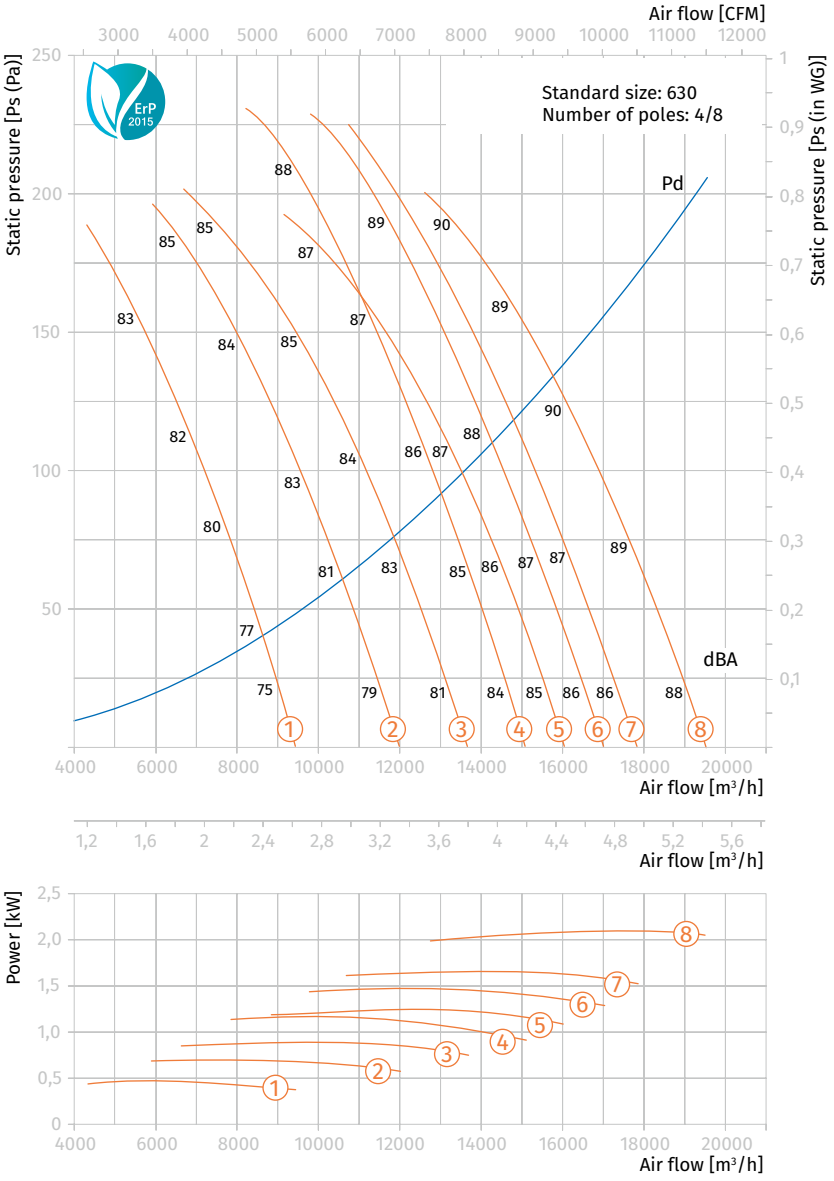
Technical data

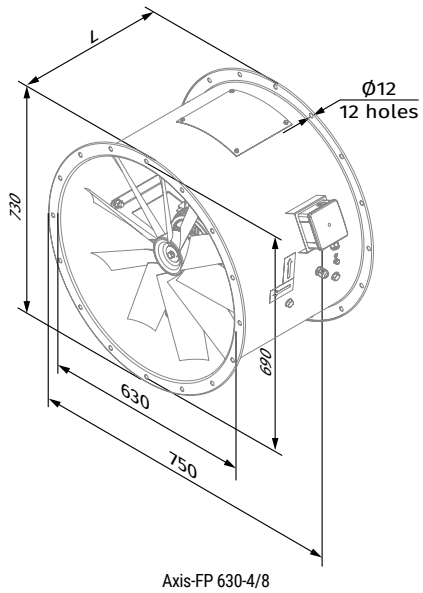
AXIS-FP 630-4/8D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
630	4/8	3~ 400	Axis-FP 630-4/8D/0.6/0.15-8/30/AL	0.6/0.15	1440/720	8	30	72	350	①*
			Axis-FP 630-4/8D/0.8/0.2-8/35/AL	0.8/0.2	1440/720	8	35	72	450	②*
			Axis-FP 630-4/8D/1.2/0.3-8/40/AL	1.2/0.3	1440/720	8	40	77	450	③*
			Axis-FP 630-4/8D/1.2/0.3-6/32.5/AL	1.2/0.3	1440/720	6	32.5	78.1	450	④*
			Axis-FP 630-4/8D/1.6/0.4-8/45/AL	1.6/0.4	1440/720	8	45	80	450	⑤*
			Axis-FP 630-4/8D/1.6/0.4-6/37.5/AL	1.6/0.4	1440/720	6	37.5	81.1	450	⑥*
			Axis-FP 630-4/8D/2.2/0.55-6/40/AL	2.2/0.55	1440/720	6	40	88.1	450	⑦*
			Axis-FP 630-4/8D/2.2/0.55-6/45/AL	2.2/0.55	1440/720	6	45	88.1	450	⑧*

* maximum speed graph

Aerodynamic characteristics





Axis-FP 630-4/8

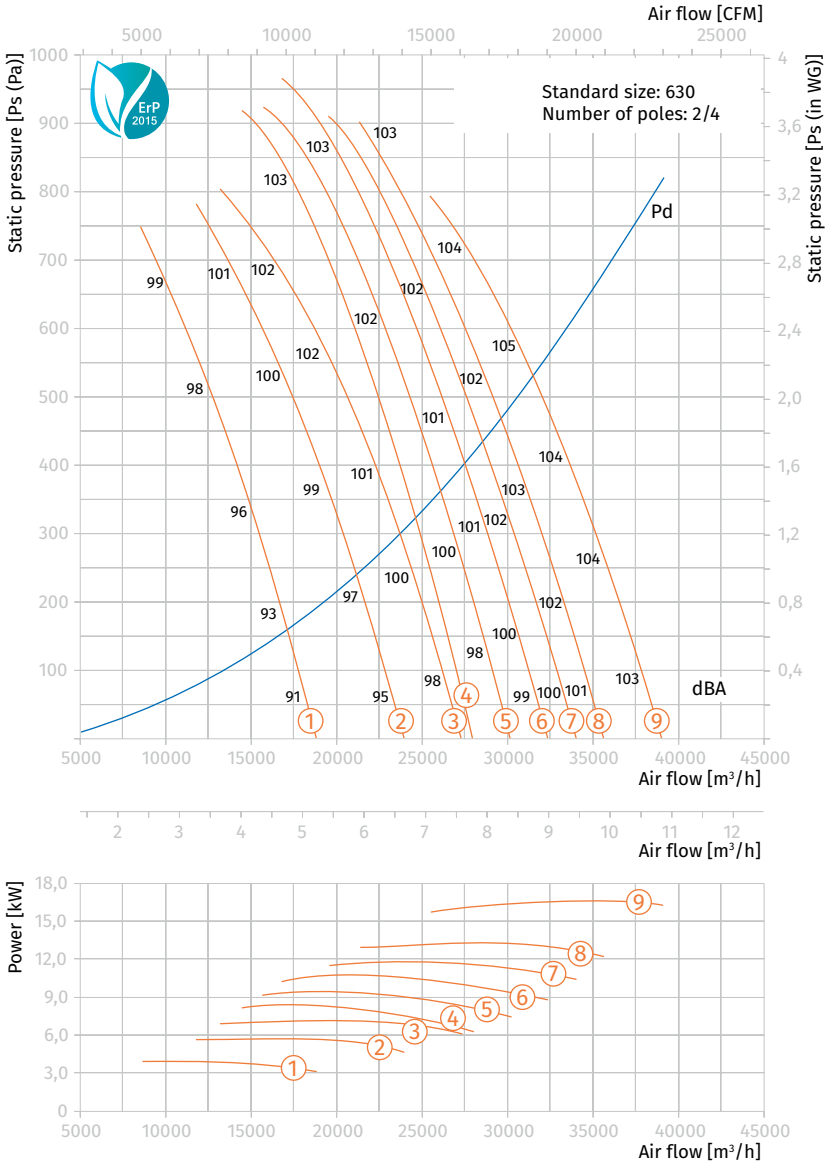
Technical data

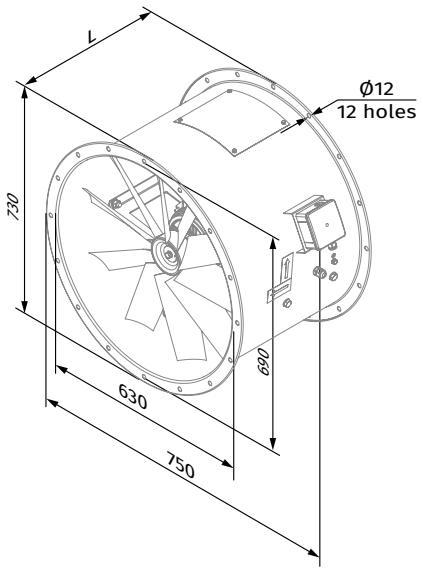
AXIS-FP 630-2/4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
630	2/4	3~ 400	Axis-FP 630-2/4D/4.4/1.1-8/30/AL	4.4/1.1	2880/1440	8	30	100	550	①*
			Axis-FP 630-2/4D/6/1.5-8/35/AL	6/1.5	2880/1440	8	35	115	550	②*
			Axis-FP 630-2/4D/8/2-8/40/AL	8/2	2880/1440	8	40	124	550	③*
			Axis-FP 630-2/4D/12/3-6/30/AL	12/3	2880/1440	6	30	176.1	650	④*
			Axis-FP 630-2/4D/12/3-6/32.5/AL	12/3	2880/1440	6	32.5	176.1	650	⑤*
			Axis-FP 630-2/4D/12/3-6/35/AL	12/3	2880/1440	6	35	176.1	650	⑥*
			Axis-FP 630-2/4D/12/3-6/37.5/AL	12/3	2880/1440	6	37.5	176.1	750	⑦*
			Axis-FP 630-2/4D/16/4-6/40/AL	16/4	2880/1440	6	40	193.1	750	⑧*
			Axis-FP 630-2/4D/20/5.5-6/45/AL	20/5.5	2880/1440	6	45	218.1	750	⑨*

* maximum speed graph

Aerodynamic characteristics





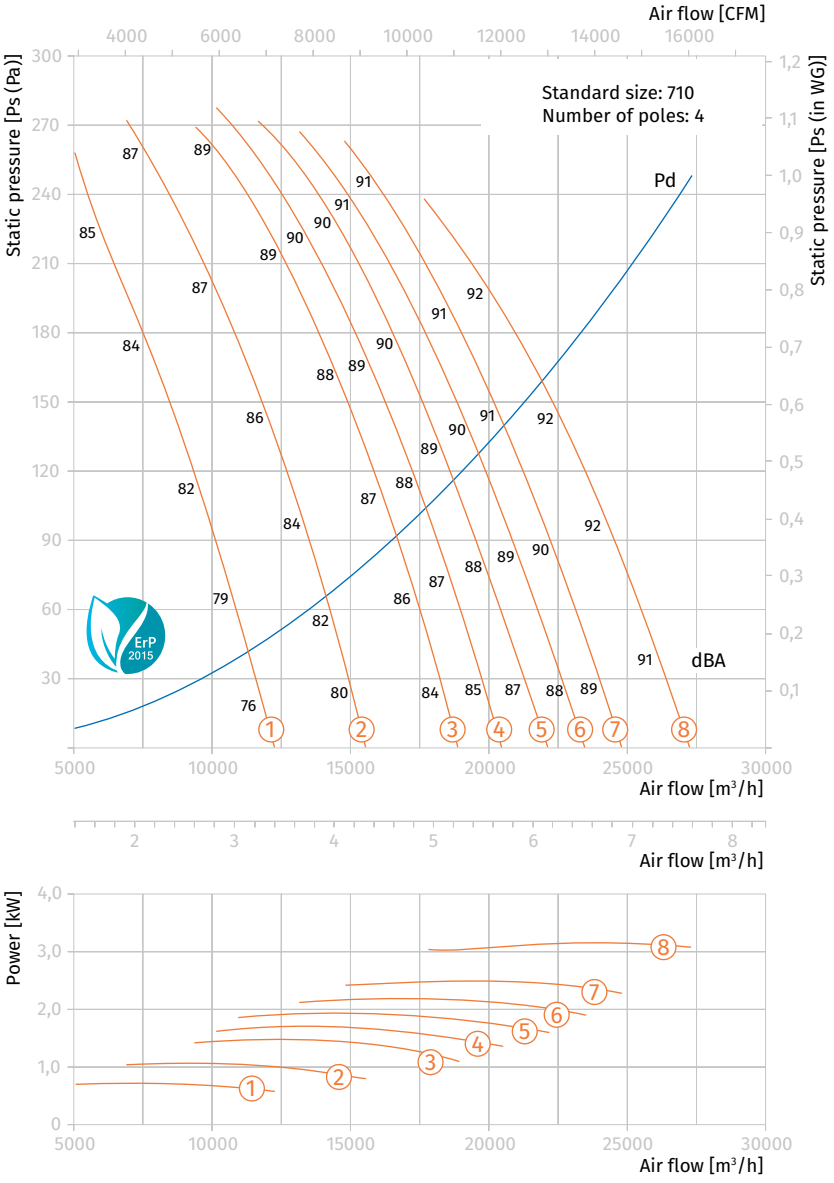
Axis-FP 630-2/4

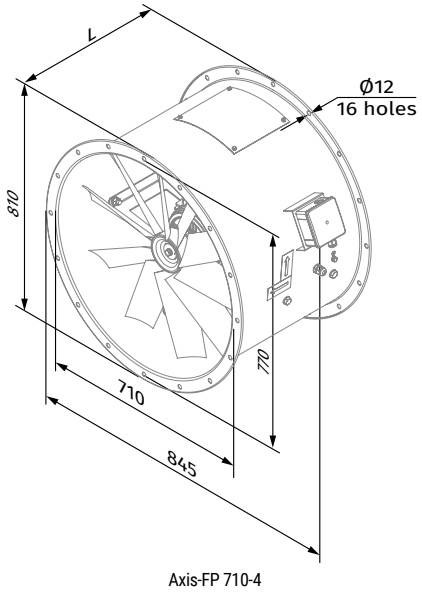
Technical data

AXIS-FP 710-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
710	4	3~ 400	Axis-FP 710-4D/0.75-6/20/AL	0.75	1440	6	20	99.3	450	①
			Axis-FP 710-4D/1.1-6/25/AL	1.1	1440	6	25	105.3	450	②
			Axis-FP 710-4D/1.5-6/30/AL	1.5	1440	6	30	108.3	450	③
			Axis-FP 710-4D/2.2-6/32.5/AL	2.2	1440	6	32.5	114.3	450	④
			Axis-FP 710-4D/2.2-6/35/AL	2.2	1440	6	35	114.3	450	⑤
			Axis-FP 710-4D/2.2-6/37.5/AL	2.2	1440	6	37.5	114.3	450	⑥
			Axis-FP 710-4D/3-6/40/AL	3	1440	6	40	117.3	550	⑦
			Axis-FP 710-4D/4-6/45/AL	4	1440	6	45	131.3	550	⑧

Aerodynamic characteristics





Axis-FP 710-4

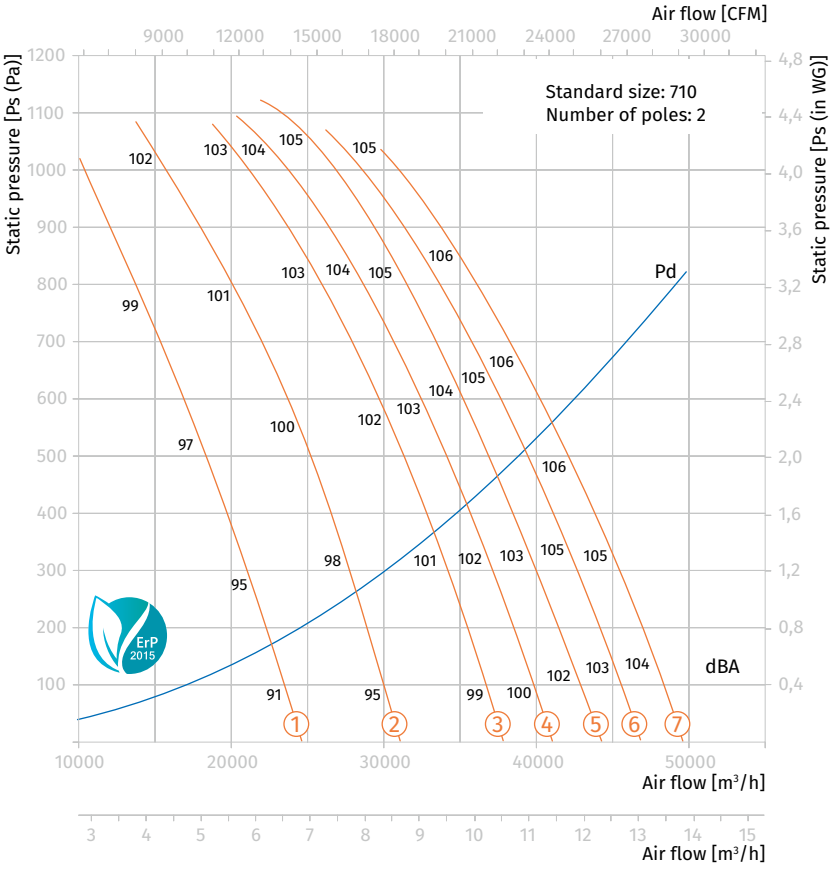
AXIS-FP 710

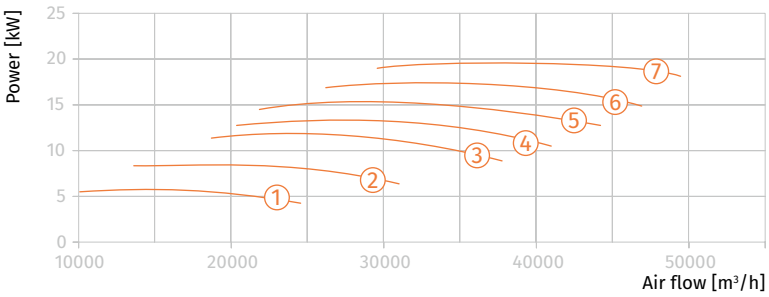
Technical data

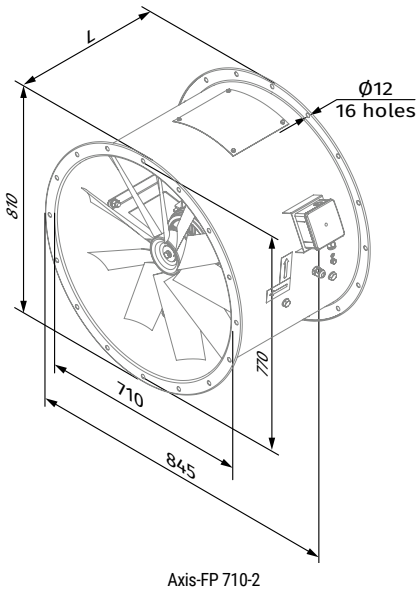
AXIS-FP 710-2D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
710	2	3~ 400	Axis-FP 710-2D/7.5-6/20/AL	7.5	2880	6	20	151.3	550	①
			Axis-FP 710-2D/9.2-6/25/AL	9.2	2880	6	25	169.3	650	②
			Axis-FP 710-2D/15-6/30/AL	15	2880	6	30	195.3	750	③
			Axis-FP 710-2D/15-6/32.5/AL	15	2880	6	32.5	195.3	750	④
			Axis-FP 710-2D/18.5-6/35/AL	18.5	2880	6	35	210.3	750	⑤
			Axis-FP 710-2D/18.5-6/37.5/AL	18.5	2880	6	37.5	210.3	750	⑥
			Axis-FP 710-2D/22-6/40/AL	22	2880	6	40	256.3	750	⑦

Aerodynamic characteristics







Axis-FP 710-2

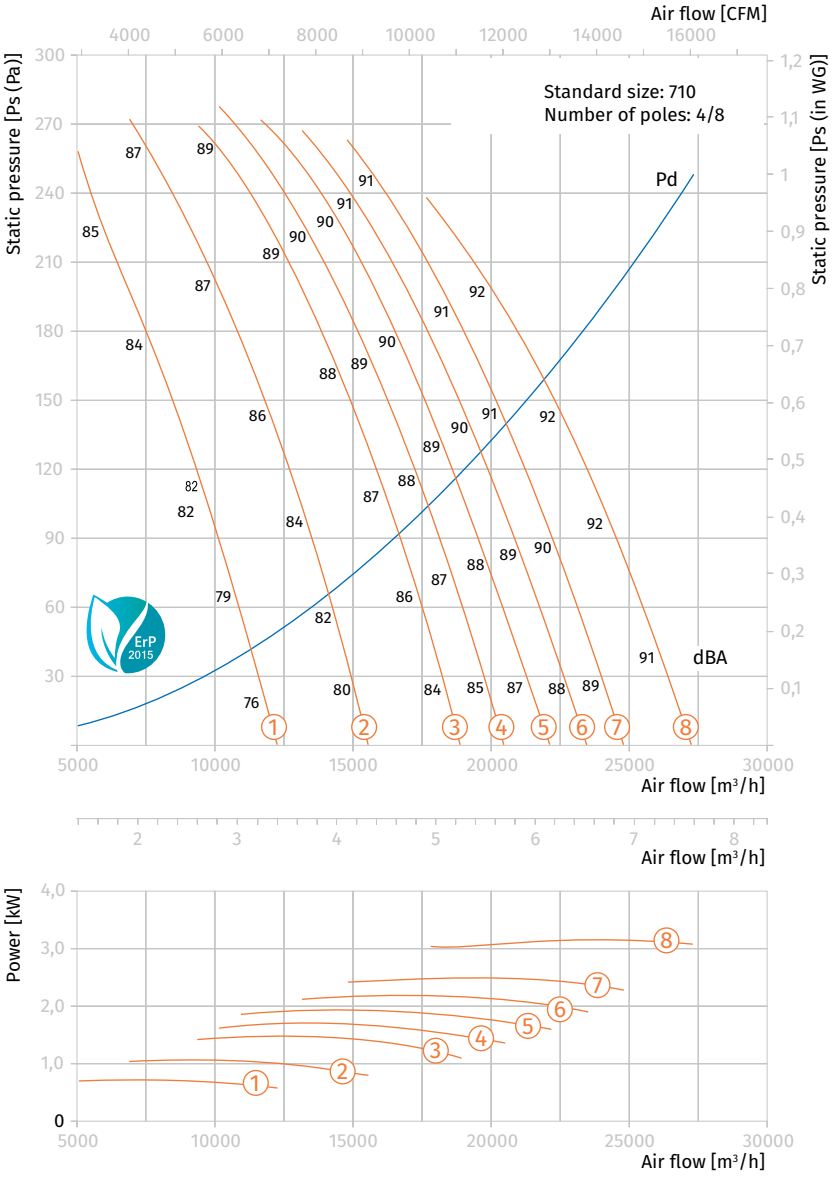
Technical data

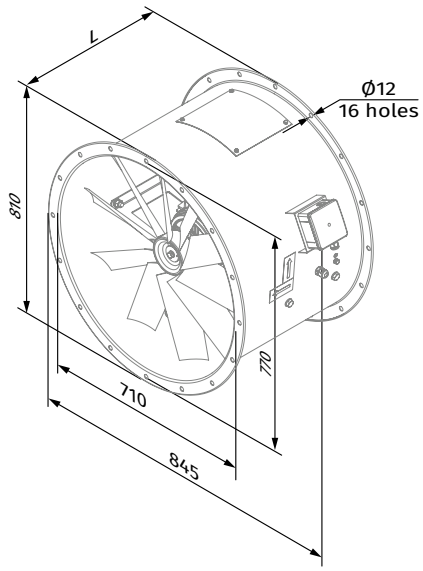
AXIS-FP 710-4/8D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
710	4/8	3~ 400	Axis-FP 710-4/8D/0.8/0.2-6/20/AL	0.8/0.2	1440/720	6	20	99.3	450	①*
			Axis-FP 710-4/8D/1.2/0.3-6/25/AL	1.2/0.3	1440/720	6	25	104.3	450	②*
			Axis-FP 710-4/8D/1.6/0.4-6/30/AL	1.6/0.4	1440/720	6	30	107.3	450	③*
			Axis-FP 710-4/8D/2.2/0.55-6/32.5/AL	2.2/0.55	1440/720	6	32.5	114.3	450	④*
			Axis-FP 710-4/8D/2.2/0.55-6/35/AL	2.2/0.55	1440/720	6	35	114.3	450	⑤*
			Axis-FP 710-4/8D/2.2/0.55-6/37.5/AL	2.2/0.55	1440/720	6	37.5	114.3	450	⑥*
			Axis-FP 710-4/8D/2.8/0.7-6/40/AL	2.8/0.7	1440/720	6	40	117.3	550	⑦*
			Axis-FP 710-4/8D/3.8/1-6/45/AL	3.8/1	1440/720	6	45	127.3	550	⑧*

* maximum speed graph

Aerodynamic characteristics





Axis-FP 710-4/8

AXIS-FP 710

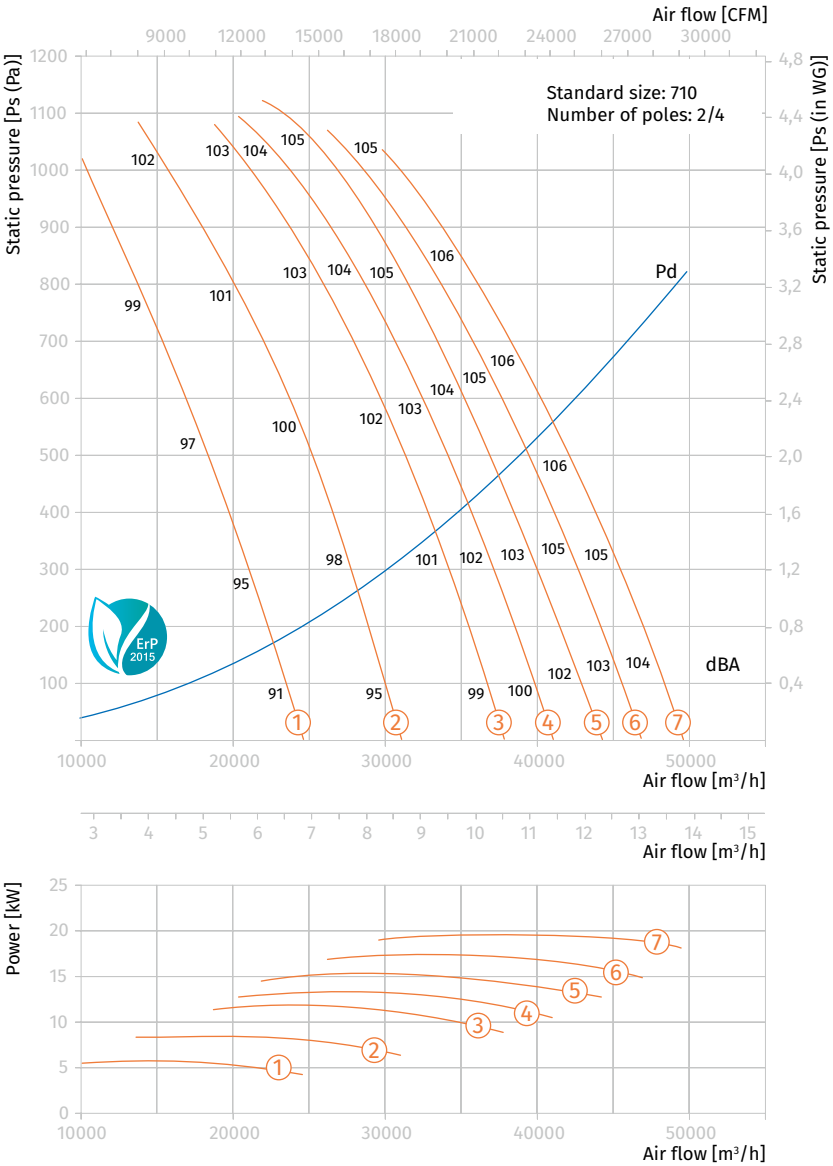
Technical data

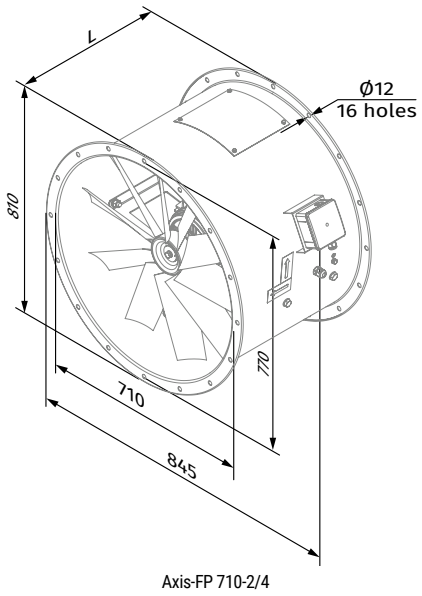
AXIS-FP 710-2/4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
710	2/4	3~ 400	Axis-FP 710-2/4D/6/1.5-6/20/AL	6/1.5	2880/1440	6	20	142.3	550	①*
			Axis-FP 710-2/4D/12/3-6/25/AL	12/3	2880/1440	6	25	202.3	650	②*
			Axis-FP 710-2/4D/12/3-6/30/AL	12/3	2880/1440	6	30	202.3	750	③*
			Axis-FP 710-2/4D/16/4-6/32.5/AL	16/4	2880/1440	6	32.5	219.3	750	④*
			Axis-FP 710-2/4D/16/4-6/35/AL	16/4	2880/1440	6	35	219.3	750	⑤*
			Axis-FP 710-2/4D/20/5.5-6/37.5/AL	20/5.5	2880/1440	6	37.5	244.3	750	⑥*
			Axis-FP 710-2/4D/20/5.5-6/40/AL	20/5.5	2880/1440	6	40	244.3	750	⑦*

* maximum speed graph

Aerodynamic characteristics





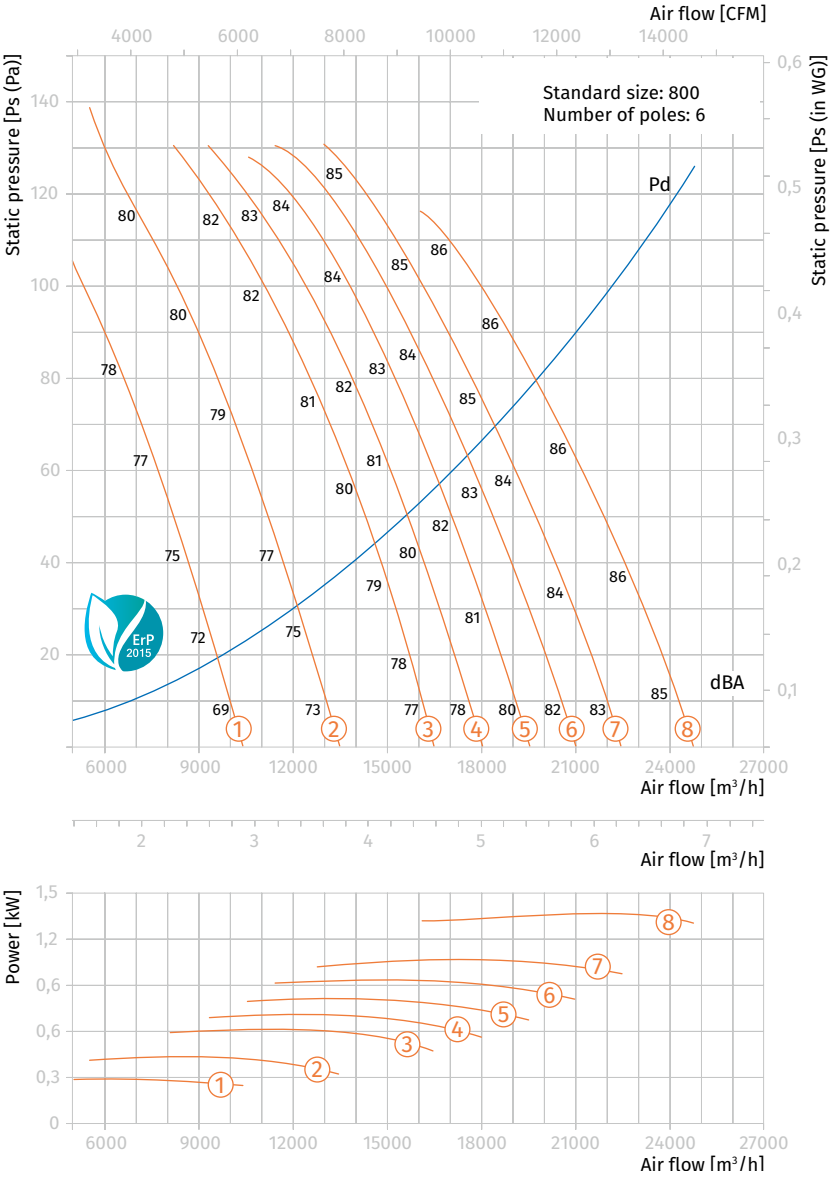
Axis-FP 710-2/4

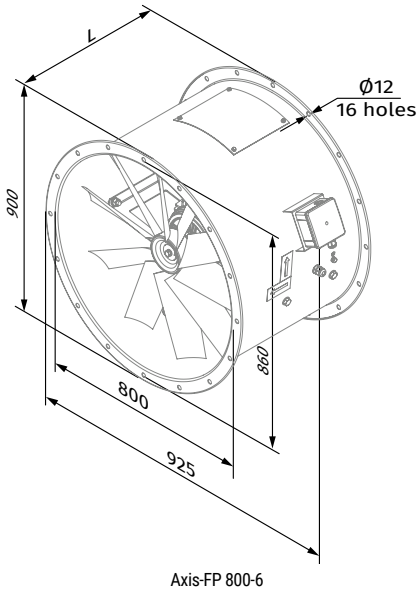
Technical data

AXIS-FP 800-6D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
800	6	3~ 400	Axis-FP 800-6D/0.37-6/20/AL	0.37	960	6	20	109.6	450	①
			Axis-FP 800-6D/0.55-6/25/AL	0.55	960	6	25	110.6	450	②
			Axis-FP 800-6D/0.75-6/30/AL	0.75	960	6	30	115.6	450	③
			Axis-FP 800-6D/0.75-6/32.5/AL	0.75	960	6	32.5	115.6	450	④
			Axis-FP 800-6D/1.1-6/35/AL	1.1	960	6	35	119.6	450	⑤
			Axis-FP 800-6D/1.1-6/37.5/AL	1.1	960	6	37.5	119.6	450	⑥
			Axis-FP 800-6D/1.1-6/40/AL	1.1	960	6	40	119.6	450	⑦
			Axis-FP 800-6D/1.5-6/45/AL	1.5	960	6	45	122.6	550	⑧

Aerodynamic characteristics





Axis-FP 800-6

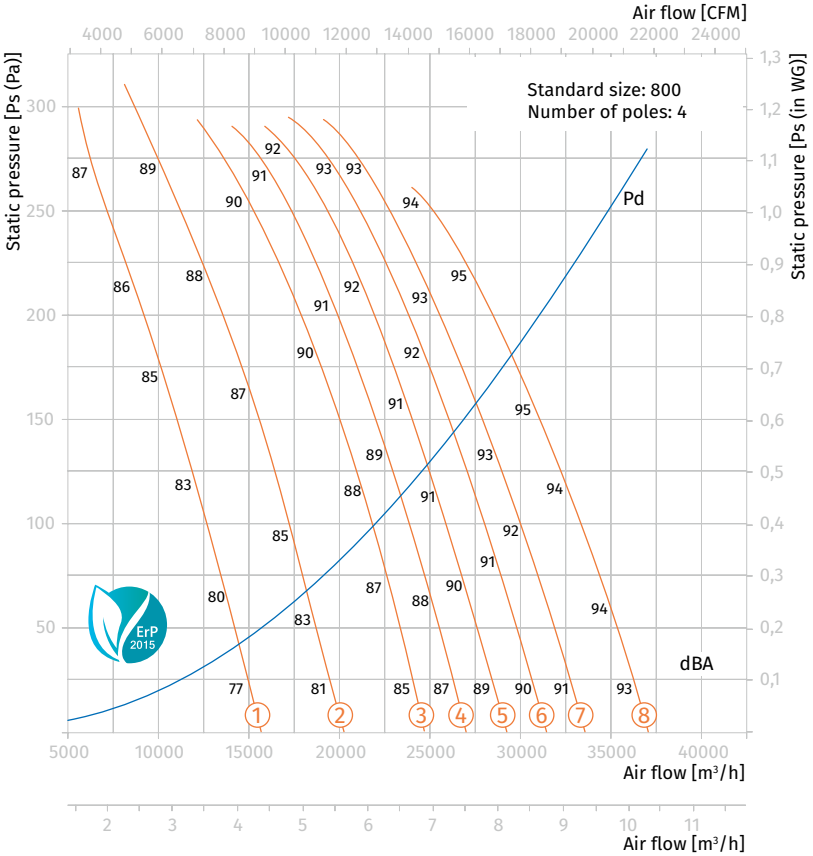
Technical data

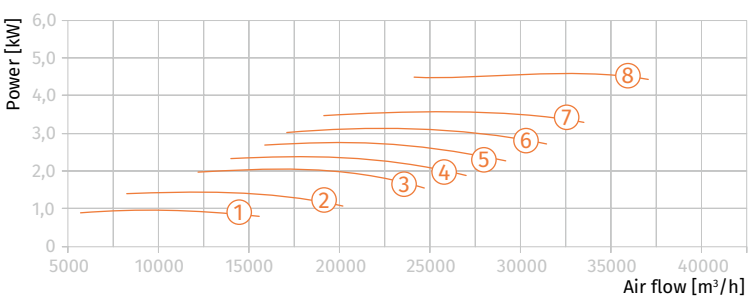
AXIS-FP 800-4D

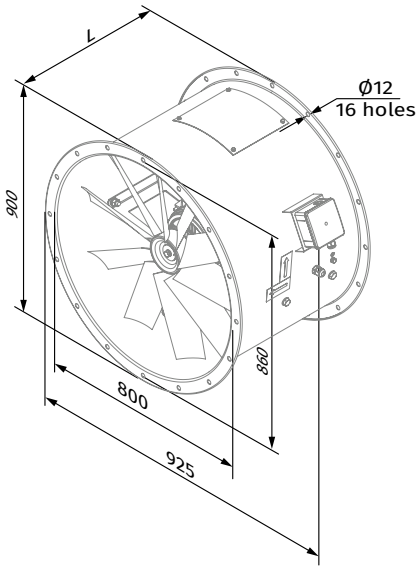
Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
800	4	3~ 400	Axis-FP 800-4D/1.1-6/20/AL	1.1	1440	6	20	116.6	450	①
			Axis-FP 800-4D/1.5-6/25/AL	1.5	1440	6	25	119.6	450	②
			Axis-FP 800-4D/2.2-6/30/AL	2.2	1440	6	30	125.6	450	③
			Axis-FP 800-4D/3-6/32.5/AL	3	1440	6	32.5	128.6	550	④
			Axis-FP 800-4D/3-6/35/AL	3	1440	6	35	128.6	550	⑤
			Axis-FP 800-4D/4-6/37.5/AL	4	1440	6	37.5	142.6	550	⑥
			Axis-FP 800-4D/4-6/40/AL	4	1440	6	40	142.6	550	⑦
			Axis-FP 800-4D/5.5-6/45/AL	5.5	1440	6	45	156.6	550	⑧
800	4/8	3~ 400	Axis-FP 800-4/8D/1.2/0.3-6/20/AL	1.2/0.3	1440/720	6	20	115.6	450	①*
			Axis-FP 800-4/8D/1.6/0.4-6/25/AL	1.6/0.4	1440/720	6	25	118.6	450	②*
			Axis-FP 800-4/8D/2.2/0.55-6/30/AL	2.2/0.55	1440/720	6	30	125.6	450	③*
			Axis-FP 800-4/8D/2.8/0.7-6/32.5/AL	2.8/0.7	1440/720	6	32.5	128.6	550	④*
			Axis-FP 800-4/8D/2.8/0.7-6/35/AL	2.8/0.7	1440/720	6	35	128.6	550	⑤*
			Axis-FP 800-4/8D/3.8/1-6/37.5/AL	3.8/1	1440/720	6	37.5	138.6	550	⑥*
			Axis-FP 800-4/8D/3.8/1-6/40/AL	3.8/1	1440/720	6	40	138.6	550	⑦*
			Axis-FP 800-4/8D/5/1.3-6/45/AL	5/1.3	1440/720	6	45	163.6	550	⑧*

* maximum speed graph

Aerodynamic characteristics







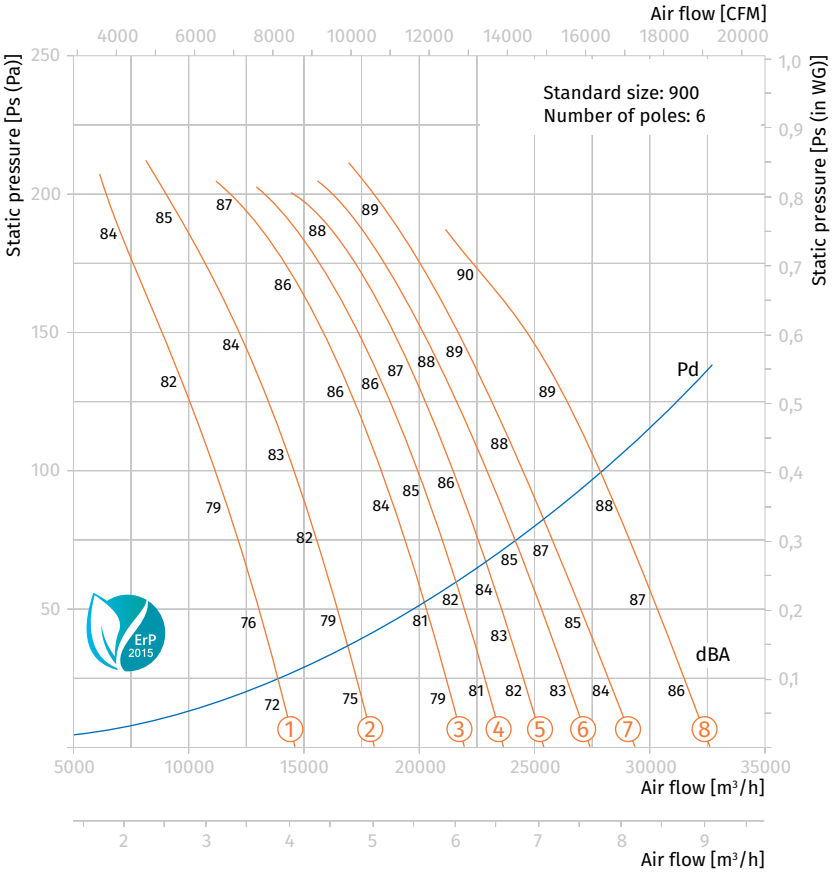
Axis-FP 800-4

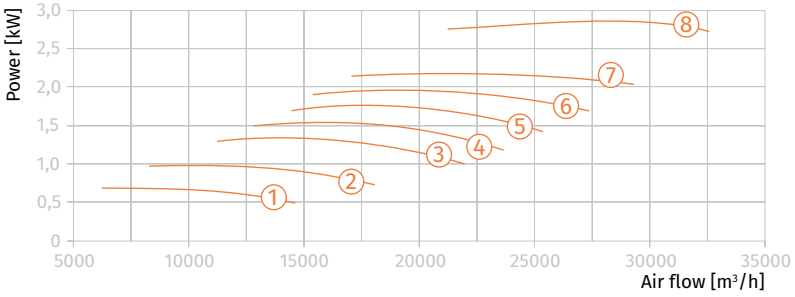
Technical data

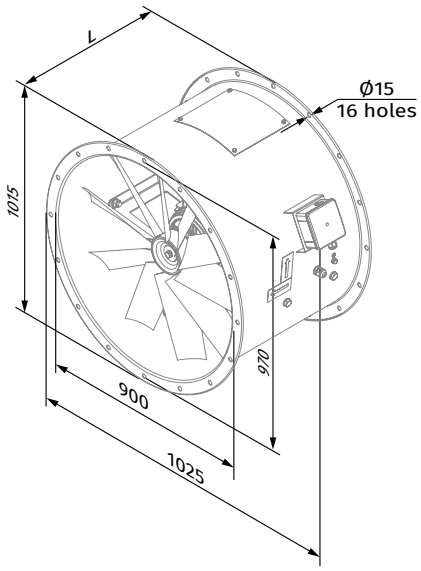
AXIS-FP 900-6D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
900	6	3~ 400	Axis-FP 900-6D/0.75-8/20/AL	0.75	960	8	20	120.8	450	①
			Axis-FP 900-6D/1.1-8/25/AL	1.1	960	8	25	124.8	450	②
			Axis-FP 900-6D/1.5-8/30/AL	1.5	960	8	30	127.8	550	③
			Axis-FP 900-6D/1.5-8/32.5/AL	1.5	960	8	32.5	127.8	550	④
			Axis-FP 900-6D/2.2-8/35/AL	2.2	960	8	35	138.8	550	⑤
			Axis-FP 900-6D/2.2-8/37.5/AL	2.2	960	8	37.5	138.8	550	⑥
			Axis-FP 900-6D/2.2-8/40/AL	2.2	960	8	40	138.8	550	⑦
			Axis-FP 900-6D/3-8/45/AL	3	960	8	45	152.8	650	⑧

Aerodynamic characteristics







Axis-FP 900-6

AXIS-FP 900

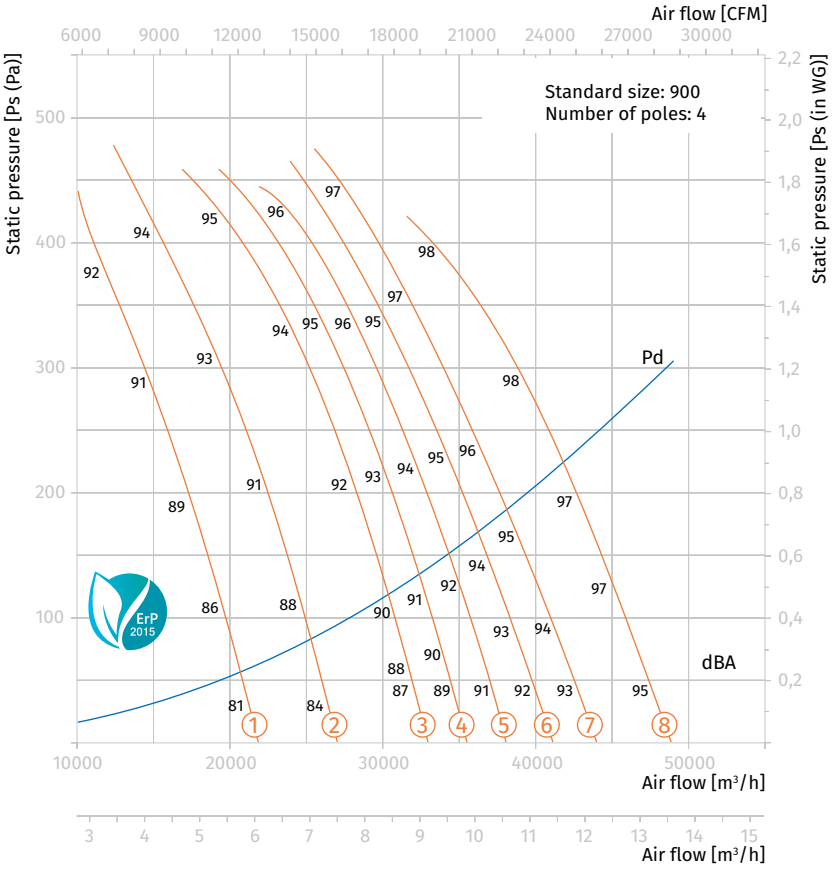
Technical data

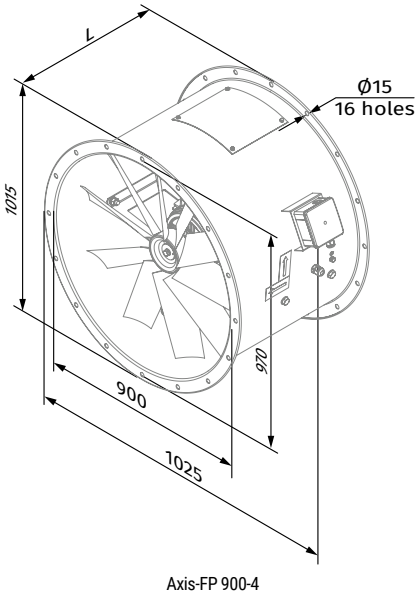
AXIS-FP 900-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
900	4	3~ 400	Axis-FP 900-4D/3-8/20/AL	3	1440	8	20	133.8	550	①
			Axis-FP 900-4D/4-8/25/AL	4	1440	8	25	147.8	550	②
			Axis-FP 900-4D/5.5-8/30/AL	5.5	1440	8	30	161.8	550	③
			Axis-FP 900-4D/5.5-8/32.5/AL	5.5	1440	8	32.5	161.8	550	④
			Axis-FP 900-4D/7.5-8/35/AL	7.5	1440	8	35	169.8	650	⑤
			Axis-FP 900-4D/7.5-8/37.5/AL	7.5	1440	8	37.5	169.8	650	⑥
			Axis-FP 900-4D/7.5-8/40/AL	7.5	1440	8	40	169.8	650	⑦
			Axis-FP 900-4D/11-8/45/AL	11.0	1440	8	45	206.8	750	⑧
900	4/8	3~ 400	Axis-FP 900-4/8D/2.8/0.7-8/20/AL	2.8/0.7	1440/720	8	20	133.8	550	①*
			Axis-FP 900-4/8D/3.8/1-8/25/AL	3.8/1	1440/720	8	25	143.8	550	②*
			Axis-FP 900-4/8D/5/1.3-8/30/AL	5/1.3	1440/720	8	30	168.8	550	③*
			Axis-FP 900-4/8D/7.2/1.8-8/32.5/AL	7.2/1.8	1440/720	8	32.5	180.8	550	④*
			Axis-FP 900-4/8D/7.2/1.8-8/35/AL	7.2/1.8	1440/720	8	35	180.8	650	⑤*
			Axis-FP 900-4/8D/7.2/1.8-8/37.5/AL	7.2/1.8	1440/720	8	37.5	180.8	650	⑥*
			Axis-FP 900-4/8D/11/3-8/40/AL	11/3	1440/720	8	40	219.8	650	⑦*
			Axis-FP 900-4/8D/11/3-8/45/AL	11/3	1440/720	8	45	219.8	750	⑧*

* maximum speed graph

Aerodynamic characteristics





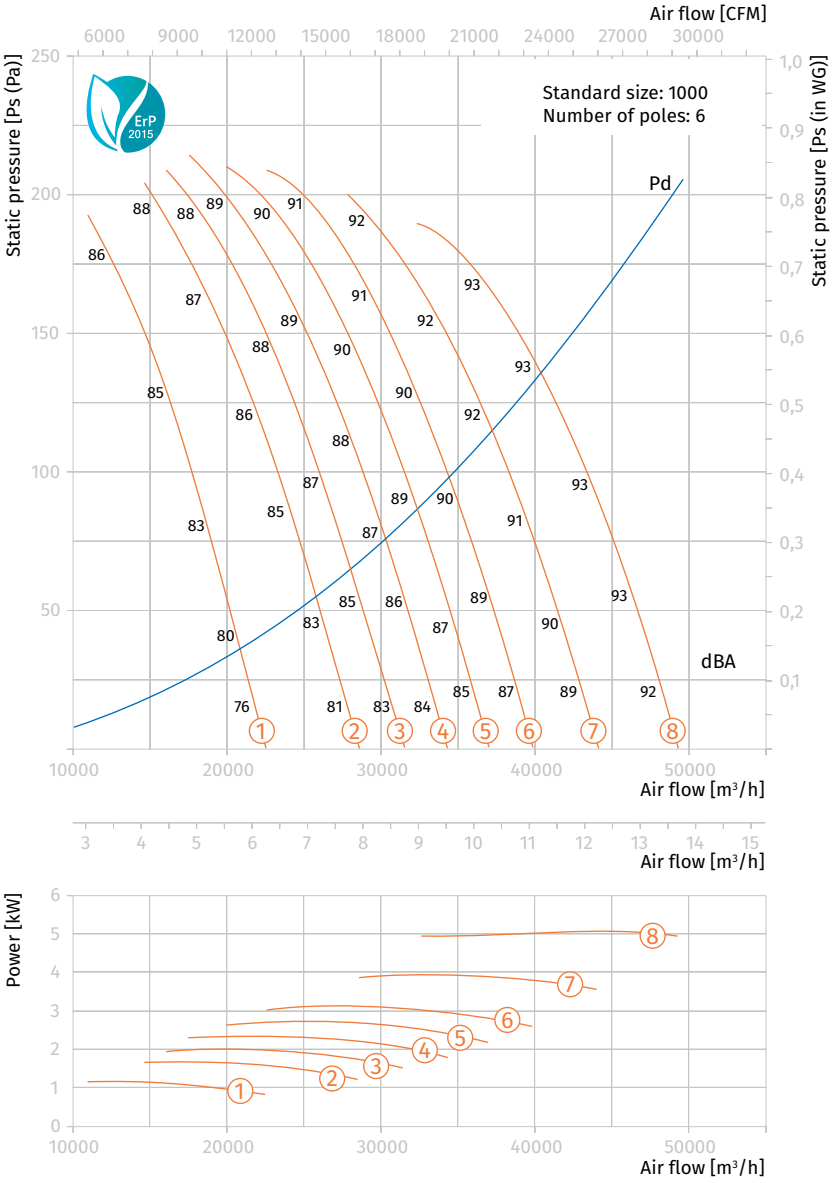
Axis-FP 900-4

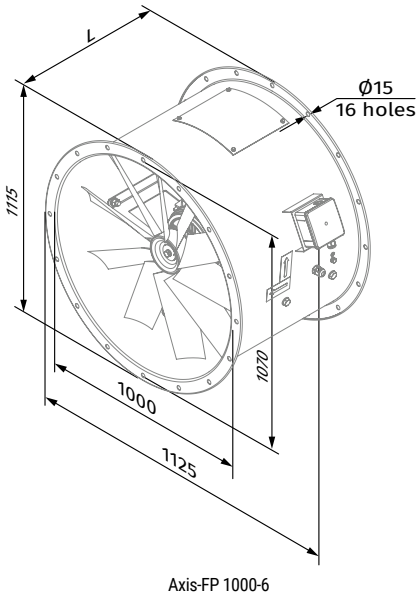
Technical data

AXIS-FP 1000-6D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1000	6	3~ 400	Axis-FP 1000-6D/1.5-8/25/AL	1.5	960	8	25	165.5	550	①
			Axis-FP 1000-6D/2.2-8/30/AL	2.2	960	8	30	176.5	550	②
			Axis-FP 1000-6D/2.2-8/32.5/AL	2.2	960	8	32.5	176.5	550	③
			Axis-FP 1000-6D/3-8/35/AL	3	960	8	35	190.5	650	④
			Axis-FP 1000-6D/3-8/37.5/AL	3	960	8	37.5	190.5	650	⑤
			Axis-FP 1000-6D/4-8/40/AL	4	960	8	40	204.5	650	⑥
			Axis-FP 1000-6D/5.5-8/45/AL	5.5	960	8	45	211.5	650	⑦
			Axis-FP 1000-6D/5.5-8/50/AL	5.5	960	8	50	211.5	650	⑧

Aerodynamic characteristics





Axis-FP 1000-6

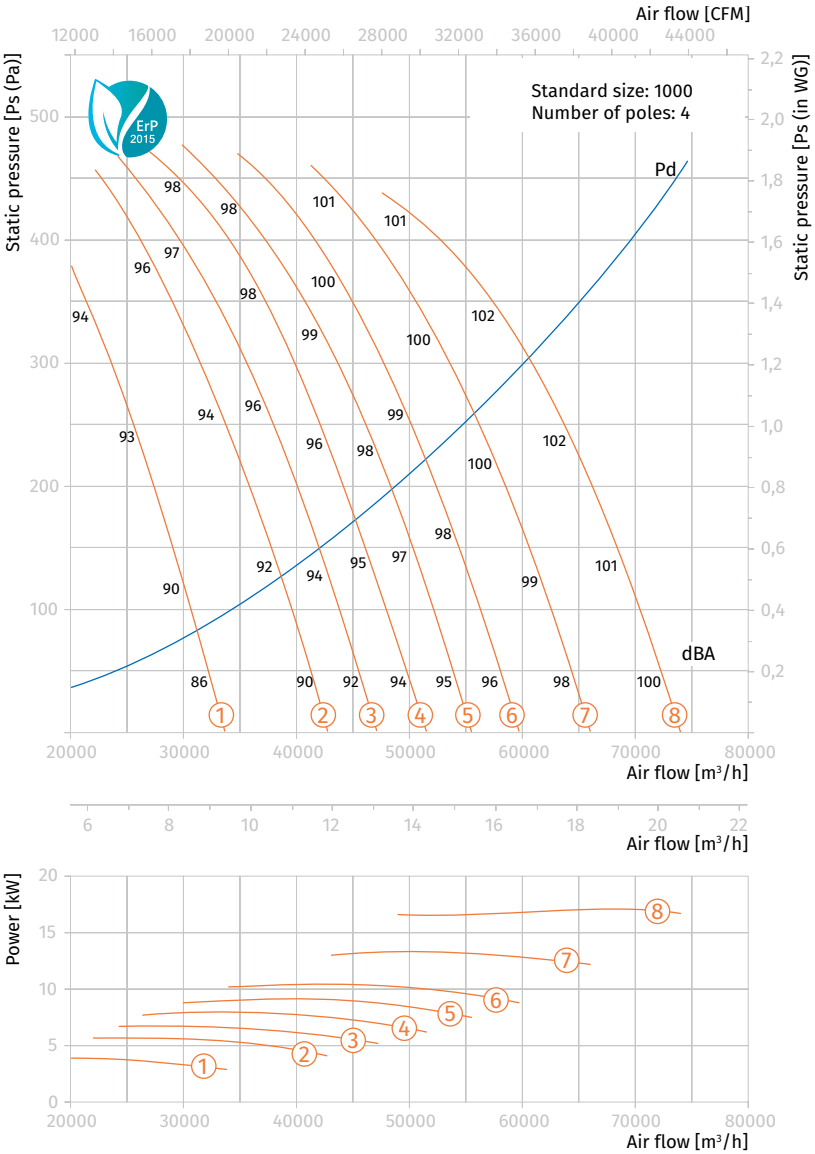
Technical data

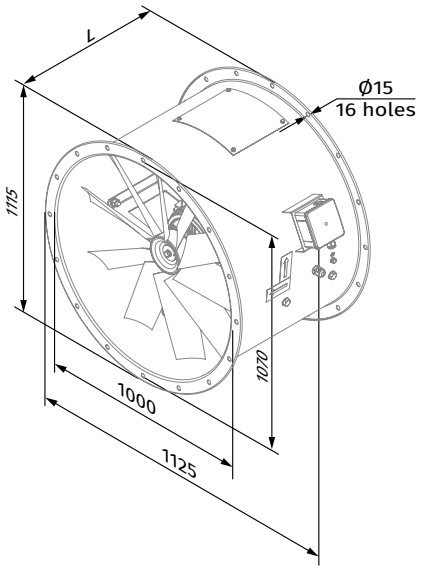
AXIS-FP 1000-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1000	4	3~ 400	Axis-FP 1000-4D/5.5-8/25/AL	5.5	1440	8	25	199.5	550	①
			Axis-FP 1000-4D/7.5-8/30/AL	7.5	1440	8	30	207.5	650	②
			Axis-FP 1000-4D/7.5-8/32.5/AL	7.5	1440	8	32.5	207.5	650	③
			Axis-FP 1000-4D/9.2-8/35/AL	9.2	1440	8	35	226.5	650	④
			Axis-FP 1000-4D/11-8/37.5/AL	11	1440	8	37.5	244.5	750	⑤
			Axis-FP 1000-4D/11-8/40/AL	11	1440	8	40	244.5	750	⑥
			Axis-FP 1000-4D/15-8/45/AL	15	1440	8	45	259.5	750	⑦
			Axis-FP 1000-4D/18.5-8/50/AL	18.5	1440	8	50	312.5	850	⑧
1000	4/8	3~ 400	Axis-FP 1000-4/8D/5/1.3-8/25/AL	5/1.3	1440/720	8	25	206.5	550	①*
			Axis-FP 1000-4/8D/7.2/1.8-8/30/AL	7.2/1.8	1440/720	8	30	218.5	650	②*
			Axis-FP 1000-4/8D/7.2/1.8-8/32.5/AL	7.2/1.8	1440/720	8	32.5	218.5	650	③*
			Axis-FP 1000-4/8D/11/3-8/35/AL	11/3	1440/720	8	35	257.5	650	④*
			Axis-FP 1000-4/8D/11/3-8/37.5/AL	11/3	1440/720	8	37.5	257.5	750	⑤*
			Axis-FP 1000-4/8D/11/3-8/40/AL	11/3	1440/720	8	40	257.5	750	⑥*
			Axis-FP 1000-4/8D/14/3.5-8/45/AL	14/3.5	1440/720	8	45	273.5	750	⑦*
			Axis-FP 1000-4/8D/17/4.3-8/50/AL	17/4.3	1440/720	8	50	273.5	850	⑧*

* maximum speed graph

Aerodynamic characteristics





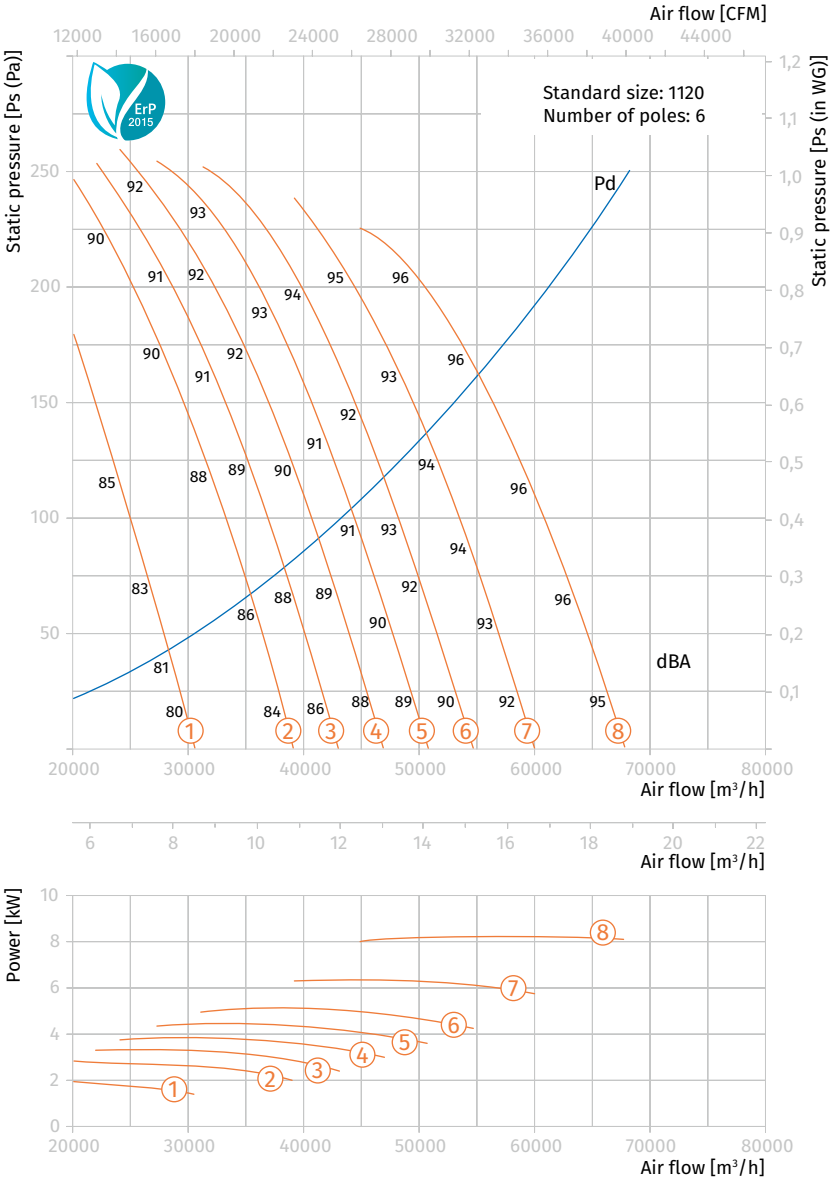
Axis-FP 1000-4

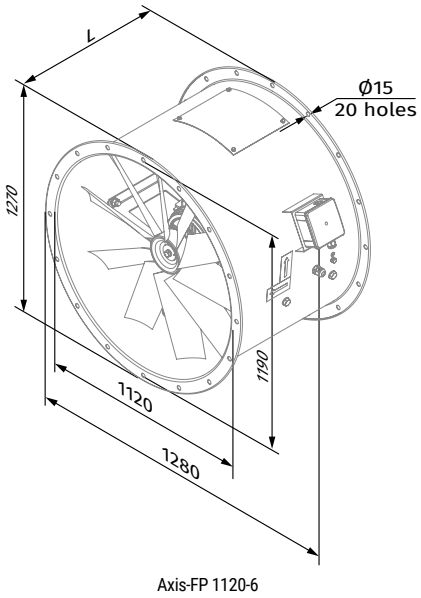
Technical data

AXIS-FP 1120-6D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1120	6	3~ 400	Axis-FP 1120-6D/2.2-8/25/AL	2.2	960	8	25	195.5	550	①
			Axis-FP 1120-6D/3-8/30/AL	3	960	8	30	209.5	650	②
			Axis-FP 1120-6D/4-8/32.5/AL	4	960	8	32.5	223.5	650	③
			Axis-FP 1120-6D/4-8/35/AL	4	960	8	35	223.5	650	④
			Axis-FP 1120-6D/5.5-8/37.5/AL	5.5	960	8	37.5	230.5	650	⑤
			Axis-FP 1120-6D/5.5-8/40/AL	5.5	960	8	40	230.5	650	⑥
			Axis-FP 1120-6D/7.5-8/45/AL	7.5	960	8	45	262.5	750	⑦
			Axis-FP 1120-6D/9.2-8/50/AL	9.2	960	8	50	274.5	750	⑧

Aerodynamic characteristics





Axis-FP 1120-6

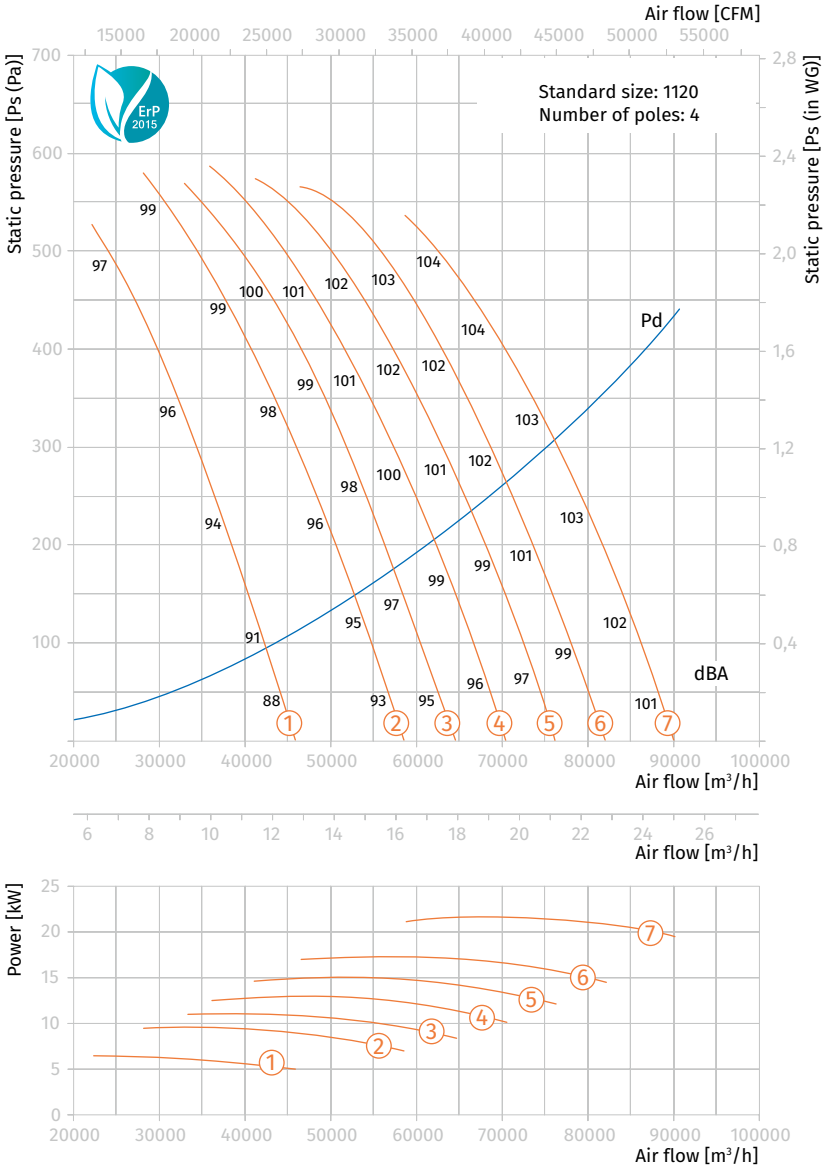
Technical data

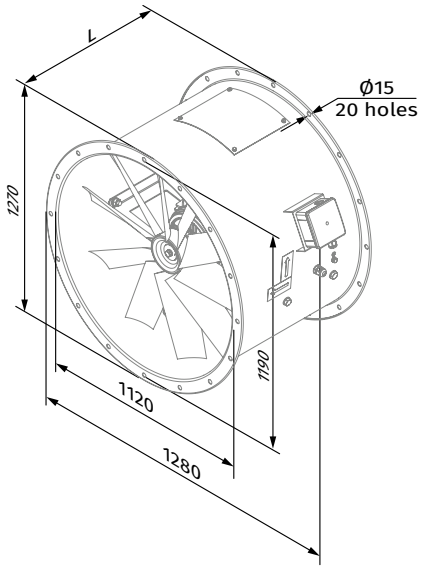
AXIS-FP 1120-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1120	4	3~ 400	Axis-FP 1120-4D/7.5-8/25/AL	7.5	1440	8	25	226.5	650	①
			Axis-FP 1120-4D/11-8/30/AL	11	1440	8	30	263.5	750	②
			Axis-FP 1120-4D/11-8/32.5/AL	11	1440	8	32.5	263.5	750	③
			Axis-FP 1120-4D/15-8/35/AL	15	1440	8	35	278.5	750	④
			Axis-FP 1120-4D/18.5-8/37.5/AL	18.5	1440	8	37.5	331.5	850	⑤
			Axis-FP 1120-4D/18.5-8/40/AL	18.5	1440	8	40	331.5	850	⑥
			Axis-FP 1120-4D/22-8/45/AL	22	1440	8	45	342.5	850	⑦
1120	4/8	3~ 400	Axis-FP 1120-4/8D/7.2/1.8-8/25/AL	7.2/1.8	1440/720	8	25	237.5	650	①*
			Axis-FP 1120-4/8D/11/3-8/30/AL	11/3	1440/720	8	30	276.5	750	②*
			Axis-FP 1120-4/8D/11/3-8/32.5/AL	11/3	1440/720	8	32.5	276.5	750	③*
			Axis-FP 1120-4/8D/14/3.5-8/35/AL	14/3.5	1440/720	8	35	292.5	750	④*
			Axis-FP 1120-4/8D/17/4.3-8/37.5/AL	17/4.3	1440/720	8	37.5	319.5	850	⑤*
			Axis-FP 1120-4/8D/20/5-8/40/AL	20/5	1440/720	8	40	334.5	850	⑥*
			Axis-FP 1120-4/8D/28/6.5-8/45/AL	28/6.5	1440/720	8	45	392.5	850	⑦*

* maximum speed graph

Aerodynamic characteristics





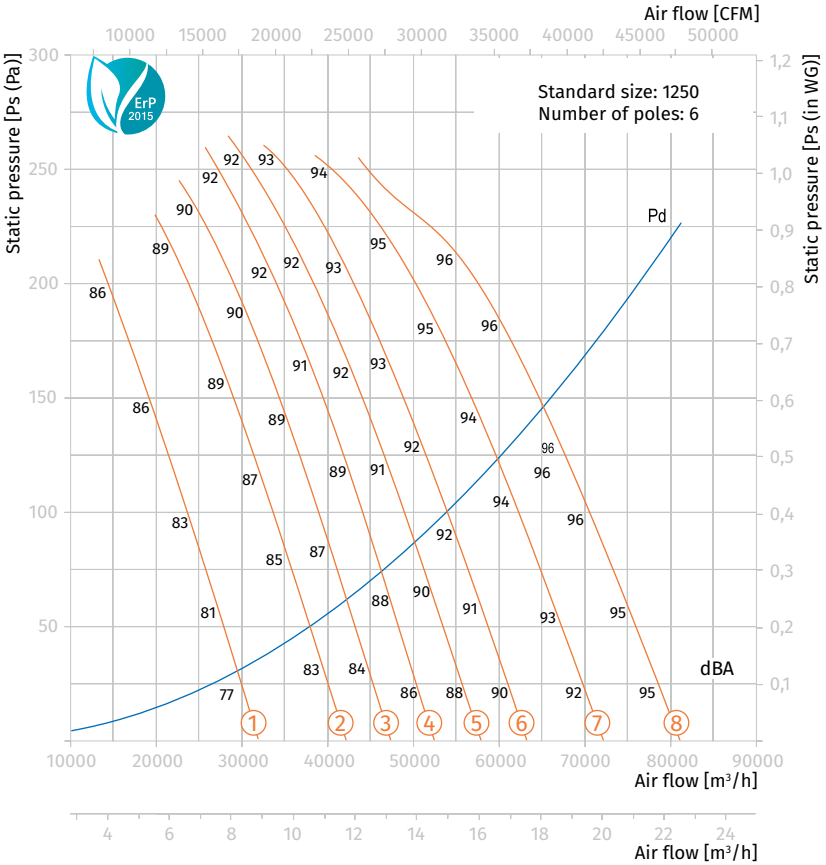
Axis-FP 1120-4

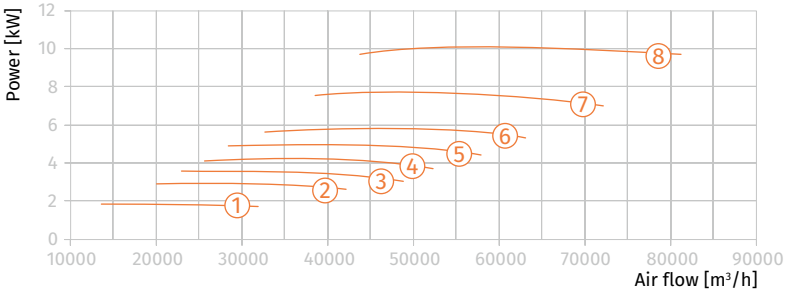
Technical data

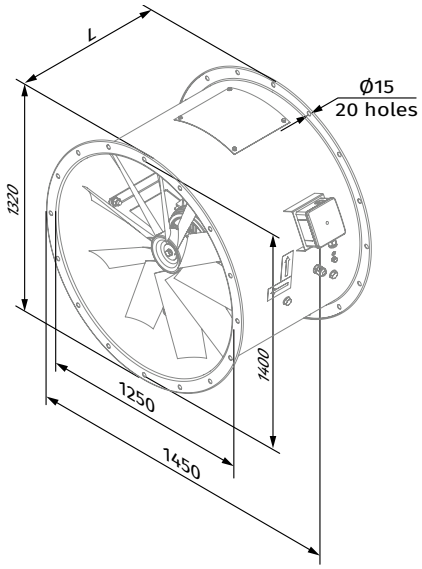
AXIS-FP 1250-6D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1250	6	3~ 400	Axis-FP 1250-6D/2.2-8/25/AL	2.2	960	8	25	214.5	550	①
			Axis-FP 1250-6D/3-8/30/AL	3	960	8	30	228.5	650	②
			Axis-FP 1250-6D/4-8/32.5/AL	4	960	8	32.5	242.5	650	③
			Axis-FP 1250-6D/5.5-8/35/AL	5.5	960	8	35	249.5	650	④
			Axis-FP 1250-6D/5.5-8/37.5/AL	5.5	960	8	37.5	249.5	650	⑤
			Axis-FP 1250-6D/7.5-8/40/AL	7.5	960	8	40	281.5	750	⑥
			Axis-FP 1250-6D/9.2-8/45/AL	9.2	960	8	45	293.5	750	⑦
			Axis-FP 1250-6D/11-8/50/AL	11	960	8	50	306.5	750	⑧

Aerodynamic characteristics







Axis-FP 1250-6

AXIS-FP 1250

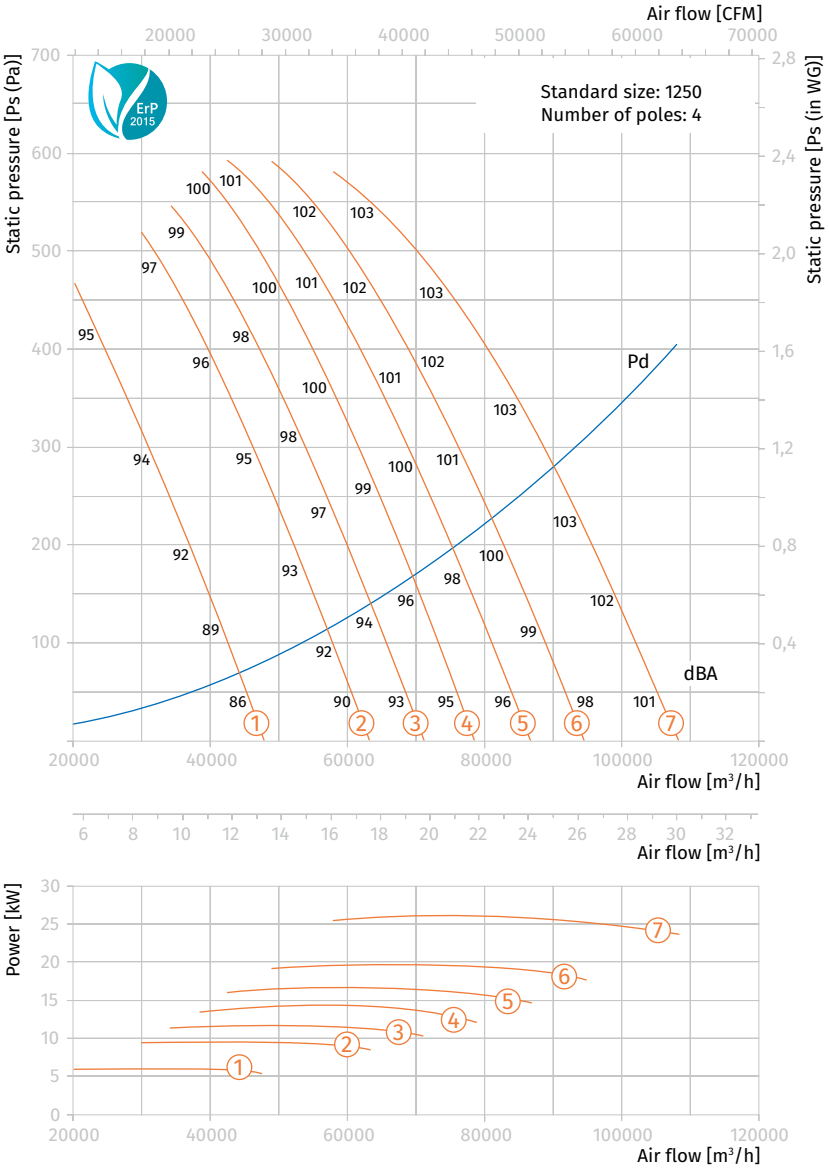
Technical data

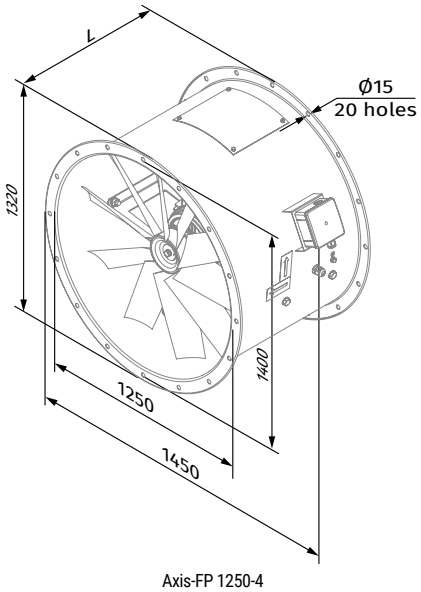
AXIS-FP 1250-4D

Size	Number of poles	Voltage [V / 50 Hz]	Model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1250	4	3~ 400	Axis-FP 1250-4D/7.5-8/25/AL	7.5	1440	8	25	245.5	650	①
			Axis-FP 1250-4D/11-8/30/AL	11	1440	8	30	282.5	750	②
			Axis-FP 1250-4D/15-8/32.5/AL	15	1440	8	32.5	297.5	750	③
			Axis-FP 1250-4D/15-8/35/AL	15	1440	8	35	297.5	750	④
			Axis-FP 1250-4D/18.5-8/37.5/AL	18.5	1440	8	37.5	350.5	850	⑤
			Axis-FP 1250-4D/22-8/40/AL	22	1440	8	40	361.5	850	⑥
			Axis-FP 1250-4D/30-8/45/AL	30	1440	8	45	424.5	850	⑦
1250	4/8	3~ 400	Axis-FP 1250-4/8D/7.2/1.8-8/25/AL	7.2/1.8	1440/720	8	25	256.5	650	①*
			Axis-FP 1250-4/8D/11/3-8/30/AL	11/3	1440/720	8	30	295.5	750	②*
			Axis-FP 1250-4/8D/14/3.5-8/32.5/AL	14/3.5	1440/720	8	32.5	311.5	750	③*
			Axis-FP 1250-4/8D/14/3.5-8/35/AL	14/3.5	1440/720	8	35	311.5	750	④*
			Axis-FP 1250-4/8D/17/4.3-8/37.5/AL	17/4.3	1440/720	8	37.5	338.5	850	⑤*
			Axis-FP 1250-4/8D/20/5-8/40/AL	20/5	1440/720	8	40	353.5	850	⑥*
			Axis-FP 1250-4/8D/28/6.5-8/45/AL	28/6.5	1440/720	8	45	411.5	850	⑦*

* maximum speed graph

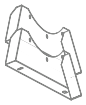
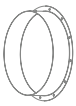
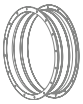
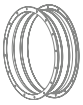
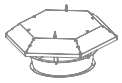
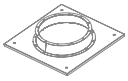
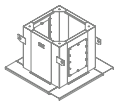
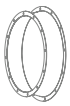
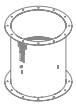
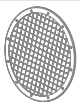
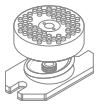
Aerodynamic characteristics





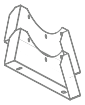
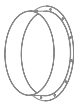
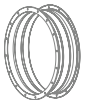
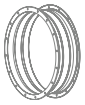
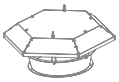
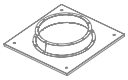
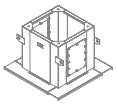
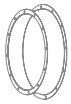
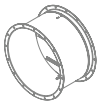
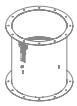
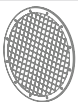
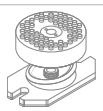
Axis-FP 1250-4

Fan accessories selection table

Fan		Ø 400	Ø 450	Ø 500	Ø 560	Ø 630
Carrier		O-AF-400	O-AF-450	O-AF-500	O-AF-560	O-AF-630
Flange		F-AF-400	F-AF-450	F-AF-500	F-AF-560	F-AF-630
Flexible joint		EVAF-AF-400	EVAF-AF-450	EVAF-AF-500	EVAF-AF-560	EVAF-AF-630
Flexible joint up to 400 °C		EVAF-AF 400 - 400/2	EVAF-AF 450 - 400/2	EVAF-AF 500 - 400/2	EVAF-AF 560 - 400/2	EVAF-AF 630 - 400/2
Hood		Z-AF-400	Z-AF-450	Z-AF-500	Z-AF-560	Z-AF-630
Roof adapter		PK-AF-400	PK-AF-450	PK-AF-500	PK-AF-560	PK-AF-630
Mounting curb		SM-AF 400-450	SM-AF 400-450	SM-AF 500	SM-AF 560-630	SM-AF 560-630
Inlet cone		VK-AF-400	VK-AF-450	VK-AF-500	VK-AF-560	VK-AF-630
Backdraft damper		VRV-AF-400	VRV-AF-450	VRV-AF-500	VRV-AF-560	VRV-AF-630
Backdraft damper		VRV1-AF-400	VRV1-AF-450	VRV1-AF-500	VRV1-AF-560	VRV1-AF-630
Silencer SD		SD-400-1D	SD-450-1D	SD-500-1D	SD-560-1D	SD-630-1D
		SD-400-1.5D	SD-450-1.5D	SD-500-1.5D	SD-560-1.5D	SD-630-1.5D
		SD-400-2D	SD-450-2D	SD-500-2D	SD-560-2D	SD-630-2D
Silencer SDV		SDV-400-1D	SDV-450-1D	SDV-500-1D	SDV-560-1D	SDV-630-1D
		SDV-400-1.5D	SDV-450-1.5D	SDV-500-1.5D	SDV-560-1.5D	SDV-630-1.5D
		SDV-400-2D	SDV-450-2D	SDV-500-2D	SDV-560-2D	SDV-630-2D
Protective mesh		SZ-AF-400	SZ-AF-450	SZ-AF-500	SZ-AF-560	SZ-AF-630
Spring-loaded antivibration mount		SI-F*	SI-F*	SI-F*	SI-F*	SI-F*
Spring-loaded antivibration mount		SI-G*	SI-G*	SI-G*	SI-G*	SI-G*

* selection according to the fan weight

ACCESSORIES

Fan		Ø 710	Ø 800	Ø 900	Ø 1000	Ø 1120	Ø 1250
Carrier		O-AF-710	O-AF-800	O-AF-900	O-AF-1000	O-AF-1120	O-AF-1250
Flange		F-AF-710	F-AF-800	F-AF-900	F-AF-1000	F-AF-1120	F-AF-1250
Flexible joint		EVAF-AF-710	EVAF-AF-800	EVAF-AF-900	EVAF-AF-1000	EVAF-AF-1120	EVAF-AF-1250
Flexible joint up to 400 °C		EVAF-AF 710 - 400/2	EVAF-AF 800 - 400/2	EVAF-AF 900 - 400/2	EVAF-AF 1000 - 400/2	EVAF-AF 1120 - 400/2	EVAF-AF 1250 - 400/2
Hood		Z-AF-710	Z-AF-800	Z-AF-900	Z-AF-1000	Z-AF-1120	Z-AF-1250
Roof adapter		PK-AF-710	PK-AF-800	PK-AF-900	PK-AF-1000	PK-AF-1120	PK-AF-1250
Mounting curb		SM-AF 710-800	SM-AF 710-800	SM-AF 900	SM-AF 1000-1120	SM-AF 1000-1120	SM-AF 1250
Inlet cone		VK-AF-710	VK-AF-800	VK-AF-900	VK-AF-1000	VK-AF-1120	VK-AF-1250
Backdraft damper		VRV-AF-710	VRV-AF-800	VRV-AF-900	VRV-AF-1000	VRV-AF-1120	VRV-AF-1250
Backdraft damper		VRV1-AF-710	VRV1-AF-800	VRV1-AF-900	VRV1-AF-1000	VRV1-AF-1120	VRV1-AF-1250
Silencer SD		SD-710-1D	SD-800-1D	SD-900-1D	SD-1000-1D	SD-1120-1D	SD-1250-1D
		SD-710-1.5D	SD-800-1.5D	SD-900-1.5D	SD-1000-1.5D	SD-1120-1.5D	SD-1250-1.5D
		SD-710-2D	SD-800-2D	SD-900-2D	SD-1000-2D	SD-1120-2D	SD-1120-2D
Silencer SDV		SDV-710-1D	SDV-800-1D	SDV-900-1D	SDV-1000-1D	SDV-1120-1D	SDV-1250-1D
		SDV-710-1.5D	SDV-800-1.5D	SDV-900-1.5D	SDV-1000-1.5D	SDV-1120-1.5D	SDV-1250-1.5D
		SDV-710-2D	SDV-800-2D	SDV-900-2D	SDV-1000-2D	SDV-1120-2D	SDV-1120-2D
Protective mesh		SZ-AF-710	SZ-AF-800	SZ-AF-900	SZ-AF-1000	SZ-AF-1120	SZ-AF-1250
Spring-loaded antivibration mount		SI-F*	SI-F*	SI-F*	SI-F*	SI-F*	SI-F*
Spring-loaded antivibration mount		SI-G*	SI-G*	SI-G*	SI-G*	SI-G*	SI-G*

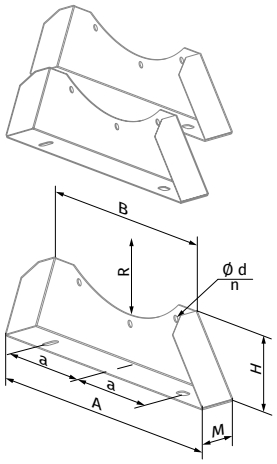
* selection according to the fan weight

Fan accessories selection table

CARRIER O-AF

- Used for mounting the fans to the floor, walls or ceiling.
- The carrier consists of two brackets. The unit is made of steel with a polymer coating.

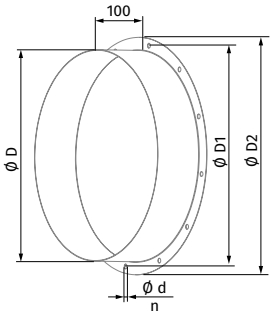
Overall dimensions [mm]	A	B	H	M	a	R	Ød	n	Weight [kg]
O-AF-400	510	395	115	45	160	225	8	4	1.15
O-AF-450	560	435	125	45	180	250	8	4	1.3
O-AF-500	610	480	130	45	200	280	12	4	1.4
O-AF-560	670	525	140	45	230	310	12	4	1.6
O-AF-630	740	575	150	45	255	345	12	4	1.8
O-AF-710	820	630	160	45	280	385	12	5	2.0
O-AF-800	910	705	180	45	315	430	12	5	2.35
O-AF-900	1020	795	215	52	360	485	15	5	6.3
O-AF-1000	1120	875	235	52	400	535	15	5	7.2
O-AF-1120	1240	1002	270	52	460	595	15	6	9.1
O-AF-1250	1370	1087	285	52	510	660	15	6	10.25



FLANGE F-AF

- Enables attaching round ducts of appropriate size to the fan.
- The unit is made of steel with a polymer coating.

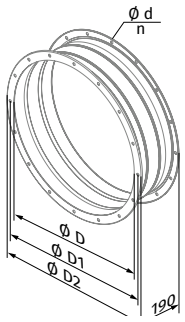
Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	Weight [kg]
F-AF-400	400	450	490	8	12	2.26
F-AF-450	450	500	540	8	12	2.53
F-AF-500	500	560	600	12	12	2.9
F-AF-560	560	620	660	12	12	3.24
F-AF-630	630	690	730	12	12	3.63
F-AF-710	710	770	810	12	16	4.08
F-AF-800	800	860	900	12	16	4.58
F-AF-900	900	970	1015	15	16	5.41
F-AF-1000	1000	1070	1115	15	16	6.0
F-AF-1120	1120	1190	1270	15	20	7.51
F-AF-1250	1250	1320	1400	15	20	8.36



FLEXIBLE JOINT EVAF-AF

- Flexible joints cancel out any potential vibrations transmitted by the fans or air handling units to the air ducting as well as partially compensate for the air duct assembly deformations caused by temperature variation.
- The flexible joints are formed by two flanges joined with vibration-cancelling material and are made of polymer-coated steel and PVC tape reinforced with polyamide fabric. The joints are not intended to withstand any significant mechanical loads and, therefore, may not be used as load-bearing structures.

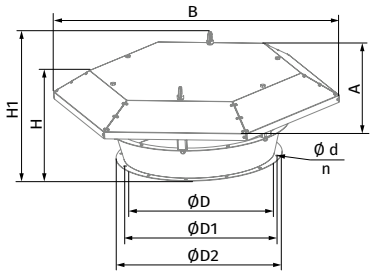
Overall dimensions [mm]		ØD	ØD1	ØD2	Ød	n	Weight [kg]
EVAF-AF-400	EVAF-AF-400-400/2	400	450	490	8	12	3.01
EVAF-AF-450	EVAF-AF-450-400/2	450	500	540	8	12	3.35
EVAF-AF-500	EVAF-AF-500-400/2	500	560	600	12	12	3.91
EVAF-AF-560	EVAF-AF-560-400/2	560	620	660	12	12	4.35
EVAF-AF-630	EVAF-AF-630-400/2	630	690	730	12	12	4.87
EVAF-AF-710	EVAF-AF-710-400/2	710	770	810	12	16	5.45
EVAF-AF-800	EVAF-AF-800-400/2	800	860	900	12	16	6.11
EVAF-AF-900	EVAF-AF-900-400/2	900	970	1015	15	16	7.87
EVAF-AF-1000	EVAF-AF-1000-400/2	1000	1070	1115	15	16	8.71
EVAF-AF-1120	EVAF-AF-1120-400/2	1120	1190	1270	15	20	11.35
EVAF-AF-1250	EVAF-AF-1250-400/2	1250	1320	1400	15	20	12.61



HOOD Z-AF

- Ensures trouble-free operation of fans on rooftops.
- The unit is made of steel with a polymer coating.

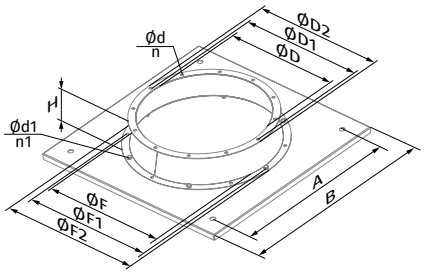
Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	H	H1	A	B	Weight [kg]
Z-AF-400	400	450	490	8	12	265	301	672	774	10.15
Z-AF-450	450	500	540	8	12	280	326	742	855	12.23
Z-AF-500	500	560	600	12	12	320	367	790	910	13.88
Z-AF-560	560	620	660	12	12	335	382	860	991	15.95
Z-AF-630	630	690	730	12	12	360	406	988	1139	27.25
Z-AF-710	710	770	810	12	16	420	466	1072	1236	36.54
Z-AF-800	800	860	900	12	16	478	536	1190	1371	47.42
Z-AF-900	900	970	1015	15	16	527	582	1346	1551	69.09
Z-AF-1000	1000	1070	1115	15	16	655	710	1552	1789	99.81
Z-AF-1120	1120	1190	1270	15	20	670	725	1707	1968	118
Z-AF-1250	1250	1320	1400	15	20	700	755	1845	2128	136



ROOF ADAPTER PK-AF

- The unit is used for mounting Axis-P on rooftops.
- The unit is made of steel with a polymer coating.

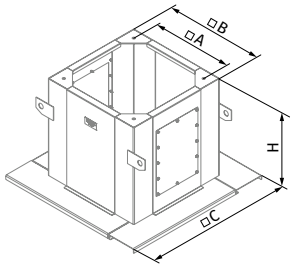
Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	ØF	ØF1	ØF2	Ød1	n1	A	B	H	Weight [kg]
PK-AF-400	400	450	490	8	12	450	500	540	8	12	580	701	115	7.2
PK-AF-450	450	500	540	8	12	500	560	600	12	12	580	701	130	7.5
PK-AF-500	500	560	600	12	12	560	620	660	12	12	640	770	140	10.3
PK-AF-560	560	620	660	12	12	630	690	730	12	12	750	920	155	14.2
PK-AF-630	630	690	730	12	12	710	770	810	12	16	750	920	170	15.1
PK-AF-710	710	770	810	12	16	800	860	900	12	16	980	1150	210	27.7
PK-AF-800	800	860	900	12	16	900	970	1015	15	16	980	1150	230	28.7
PK-AF-900	900	970	1015	15	16	1000	1070	1115	15	16	1050	1220	250	41.7
PK-AF-1000	1000	1070	1115	15	16	1120	1190	1270	15	20	1340	1510	280	72.5
PK-AF-1120	1120	1190	1270	15	20	1250	1320	1400	15	20	1340	1510	295	75.1
PK-AF-1250	1250	1320	1400	15	20	1400	1470	1550	15	20	1500	1700	325	91



MOUNTING CURB SM-AF

- The mounting curb is designed to enable fan installation on rooftops.
- The unit is made of steel with a polymer coating. The outer frames are supported for installation on the roof. The mounting curb is equipped with a side inspection door.

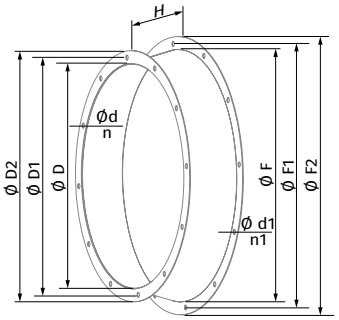
Overall dimensions [mm]	H	A	B	C	Weight [kg]
SM-AF-400-450	600	580	692	979	50.1
SM-AF-500	600	640	760	1047	53.7
SM-AF-560-630	600	750	910	1197	61.8
SM-AF-710-800	600	980	1140	1427	74.2
SM-AF-900	650	1050	1208	1495	81.3
SM-AF-1000-1120	750	1340	1498	1784	129.4
SM-AF-1250	750	1500	1688	1974	143.1



INLET CONE VK-AF

- The inlet cone is recommended to be installed upstream of the fan to improve the air flow parameters. However, it must be installed in the absence of ducting attached to the fan inlet. The inlet cone helps reduce the fan dynamic pressure and increase the static component of the total fan pressure. The unit can be used in combination with the SZ-AF protective mesh which must be one size larger than the unit.
- The unit has two flanges and is made of steel with a polymer coating.

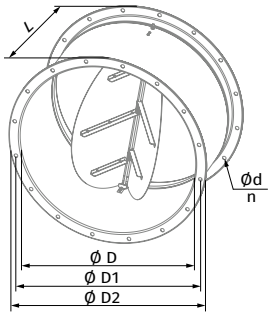
Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	ØF	ØF1	ØF2	H	Ød1	n	Weight [kg]
VK-AF-400	400	450	490	8	12	450	500	540	95	8	12	2.7
VK-AF-450	450	500	540	8	12	50	560	600	110	12	12	3.3
VK-AF-500	500	560	600	12	12	560	620	660	120	12	12	4.0
VK-AF-560	560	620	660	12	12	630	690	730	135	12	12	4.65
VK-AF-630	630	690	730	12	12	710	770	810	150	12	16	6.8
VK-AF-710	710	770	810	12	16	800	860	900	170	12	16	12
VK-AF-800	800	860	900	12	16	900	970	1015	190	15	16	15
VK-AF-900	900	970	1015	15	16	1000	1070	1115	210	15	16	21
VK-AF-1000	1000	1070	1115	15	16	1120	1190	1270	240	15	20	36.7
VK-AF-1120	1120	1190	1270	15	20	1250	1320	140	255	15	20	45
VK-AF-1250	1250	1320	1400	15	20	1400	1470	1550	285	15	20	53.5



BACKDRAFT DAMPER VRV-AF

- The backdraft damper with spring-loaded blades is used for shutoff of air flow in the air ducts and prevention of air backdraft during standstill of ventilation equipment. The damper blades are opened with the air pressure and closed with the spring.
- The unit casing and the two spring-loaded blades are made of polymer-coated steel.

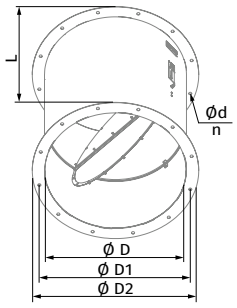
Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	L	Weight [kg]
VRV-AF-400	400	450	490	8	12	250	5.4
VRV-AF-450	450	500	540	8	12	250	6.2
VRV-AF-500	500	560	590	12	12	250	7.1
VRV-AF-560	560	620	650	12	12	320	9.6
VRV-AF-630	630	690	720	12	12	370	14.2
VRV-AF-710	710	770	810	12	16	390	21.4
VRV-AF-800	800	860	900	12	16	390	25.4
VRV-AF-900	900	970	1010	15	16	450	32.6
VRV-AF-1000	1000	1070	1110	15	16	450	36.9
VRV-AF-1120	1120	1190	1260	15	20	540	59.5
VRV-AF-1250	1250	1320	1390	15	20	540	67.4



BACKDRAFT DAMPER VRV1-AF

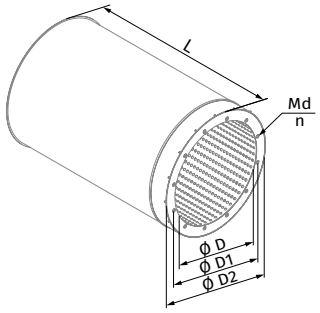
- The backdraft damper with a gravity blade is used for supply pressurisation systems and designed for shutoff of air flow during standstill of ventilation equipment. The damper blade is opened with the air pressure and is closed by its own weight, blocking the air duct.
- The unit casing and the two spring-loaded blades are made of polymer-coated steel.

Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	L	Weight [kg]
VRV1-AF-400	400	450	490	8	12	500	8.1
VRV1-AF-450	450	500	540	8	12	550	9.8
VRV1-AF-500	500	560	600	12	12	600	14.4
VRV1-AF-560	560	620	660	12	12	660	17.5
VRV1-AF-630	630	690	730	12	12	730	21.4
VRV1-AF-710	710	770	810	12	16	810	26.8
VRV1-AF-800	800	860	900	12	16	900	33.2
VRV1-AF-900	900	970	1015	15	16	1000	57.3
VRV1-AF-1000	1000	1070	1115	15	16	1100	65
VRV1-AF-1120	1120	1190	1270	15	20	1220	82.1
VRV1-AF-1250	1250	1320	1400	15	20	1350	100.3



SILENCER SD

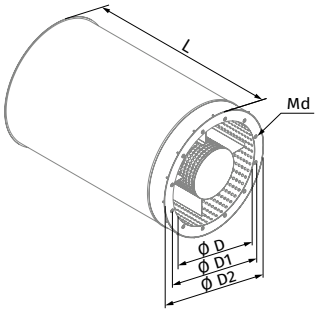
- The silencer is used for attenuation of the operation noise generated by ventilation equipment and spreaded in the the air ducts. Designed for connection to round air ducts.
- SD silencer has a polymer-coated steel casing filled with noncombustible material that has a protective coating to prevent fiber deformation.



Overall dimensions [mm]			ØD	ØD1	ØD2	L (1D)	L (1.5D)	L (2D)	Md	n	Weight [kg] (1D)	Weight [kg] (1.5D)	Weight [kg] (2D)
SD-400-1D	SD-400-1.5D	SD-400-2D	400	450	515	402	602	802	M6	12	9.5	13.1	16.7
SD-450-1D	SD-450-1.5D	SD-450-2D	450	500	565	452	677	902	M6	12	11.6	16.2	20.8
SD-500-1D	SD-500-1.5D	SD-500-2D	500	560	615	502	752	1002	M10	12	13.9	19.5	25.4
SD-560-1D	SD-560-1.5D	SD-560-2D	560	620	675	562	842	1122	M10	12	17.2	24.5	31.5
SD-630-1D	SD-630-1.5D	SD-630-2D	630	690	745	632	947	1262	M10	12	20.5	29.3	38.1
SD-710-1D	SD-710-1.5D	SD-710-2D	710	770	825	712	1067	1422	M10	16	25.6	36.2	47.6
SD-800-1D	SD-800-1.5D	SD-800-2D	800	860	903	801	1202	1601	M10	16	32.3	46.3	65.2
SD-900-1D	SD-900-1.5D	SD-900-2D	900	970	1003	901	1382	1801	M10	16	40.2	57.8	80.4
SD-1000-1D	SD-1000-1.5D	SD-1000-2D	1000	1070	1120	1002	1502	2002	M10	16	54.4	79.0	109.0
SD-1120-1D	SD-1120-1.5D	SD-1120-2D	1120	1190	1273	1122	1682	2242	M12	20	70.2	101.0	141.4
SD-1250-1D	SD-1250-1.5D	SD-1250-2D	1250	1320	1410	1252	1877	2502	M12	20	86.3	124.8	172.6

SILENCER SDV

- The silencer is used for attenuation of the operation noise generated by ventilation equipment and spreaded in the the air ducts. Designed for connection to round air ducts.
- SDV silencer has a polymer-coated steel casing filled with noncombustible material that has a protective coating to prevent fiber deformation. The silencer has an internal sound-absorbing element to increase sound attenuation efficiency.

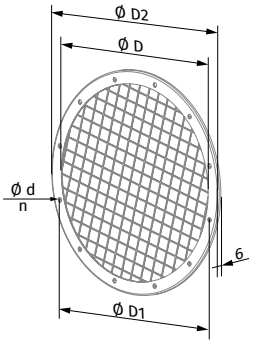


Overall dimensions [mm]			ØD	ØD1	ØD2	L (1D)	L (1.5D)	L (2D)	Md	n	Weight [kg] (1D)	Weight [kg] (1.5D)	Weight [kg] (2D)
SDV-400-1D	SDV-400-1.5D	SDV-400-2D	400	450	515	402	602	802	M6	12	14.0	19.0	24.0
SDV-450-1D	SDV-450-1.5D	SDV-450-2D	450	500	565	452	677	902	M6	12	17.0	22.0	27.0
SDV-500-1D	SDV-500-1.5D	SDV-500-2D	500	560	615	502	752	1002	M10	12	23.0	31.0	38.0
SDV-560-1D	SDV-560-1.5D	SDV-560-2D	560	620	675	562	842	1122	M10	12	27.0	35.0	46.0
SDV-630-1D	SDV-630-1.5D	SDV-630-2D	630	690	745	632	947	1262	M10	12	33.0	46.0	59.0
SDV-710-1D	SDV-710-1.5D	SDV-710-2D	710	770	825	712	1067	1422	M10	16	39.0	55.0	71.0
SDV-800-1D	SDV-800-1.5D	SDV-800-2D	800	860	903	801	1202	1601	M10	16	53.0	74.0	100.6
SDV-900-1D	SDV-900-1.5D	SDV-900-2D	900	970	1003	901	1382	1801	M10	16	63.0	84.0	126.0
SDV-1000-1D	SDV-1000-1.5D	SDV-1000-2D	1000	1070	1120	1002	1502	2002	M10	16	85.0	120.0	170.0
SDV-1120-1D	SDV-1120-1.5D	SDV-1120-2D	1120	1190	1273	1122	1682	2242	M12	20	105.0	148.0	210.0
SDV-1250-1D	SDV-1250-1.5D	SDV-1250-2D	1250	1320	1410	1252	1877	2502	M12	20	134.0	190.0	260.0

PROTECTIVE MESH SZ-AF

- Protects the fans against ingress of foreign objects.
- Protective mesh with 25x25 mm cells.

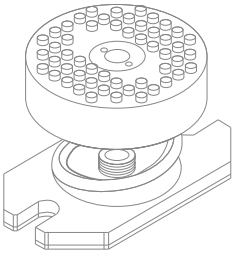
Overall dimensions [mm]	ØD	ØD1	ØD2	Ød	n	Weight [kg]
SZ-AF-400	400	450	490	8	12	1.28
SZ-AF-450	450	500	540	8	12	1.45
SZ-AF-500	500	560	600	12	12	1.77
SZ-AF-560	560	620	660	12	12	2.0
SZ-AF-630	630	690	730	12	12	2.28
SZ-AF-710	710	770	810	12	16	2.59
SZ-AF-800	800	860	900	12	16	2.97
SZ-AF-900	900	970	1015	15	16	3.83
SZ-AF-1000	1000	1070	1115	15	16	4.32
SZ-AF-1120	1120	1190	1270	15	20	6.2
SZ-AF-1250	1250	1320	1400	15	20	7.03



SPRING-LOADED ANTI-VIBRATION MOUNT SI-F

- The anti-vibration mounts SI-F are used for attenuation of noise and vibration generated by ventilation equipment. The anti-vibration mounts reduce dynamic loads, increase reliability and durability of ventilation equipment.

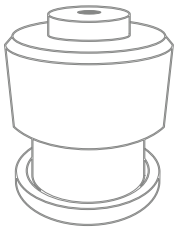
Model	Maximum load [kg]
SI-F-8	9
SI-F-16	18
SI-F-26	28
SI-F-35	36
SI-F-50	50
SI-F-75	92



RUBBER ANTI-VIBRATION MOUNT SI-G

- The anti-vibration mounts SI-G are used for attenuation of noise and vibration generated by ventilation equipment. The anti-vibration mounts reduce dynamic loads, increase reliability and durability of ventilation equipment.

Model	Maximum load [kg]
SI-G-8	8
SI-G-16	14
SI-G-26	26
SI-G-35	35
SI-G-50	50
SI-G-75	90



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