Axis-P

Medium pressure axial fans

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.
- The weight of the fans may differ from the one stated in the catalogue and depends on the components used (motor, terminal box, etc.).

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.

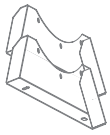
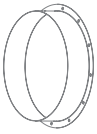
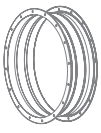
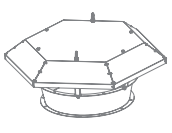
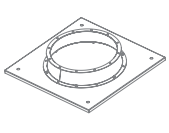
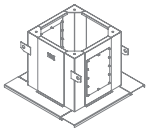
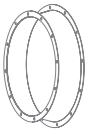
Impeller

- 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 -	K

Axis-P: axial pressurisation fan

Standard size (duct diameter) [mm]

Modification:
_: standard 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 [°]

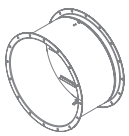
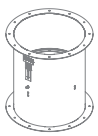
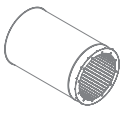
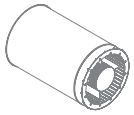
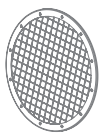
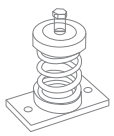
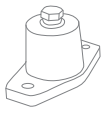
Blade material
PAG: fiberglass reinforced polyamide
AL: aluminium

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 ... +50 °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

Terminal box:
_: electric connection on the terminal box on the motor
K: external terminal box on the fan casing

Accessories

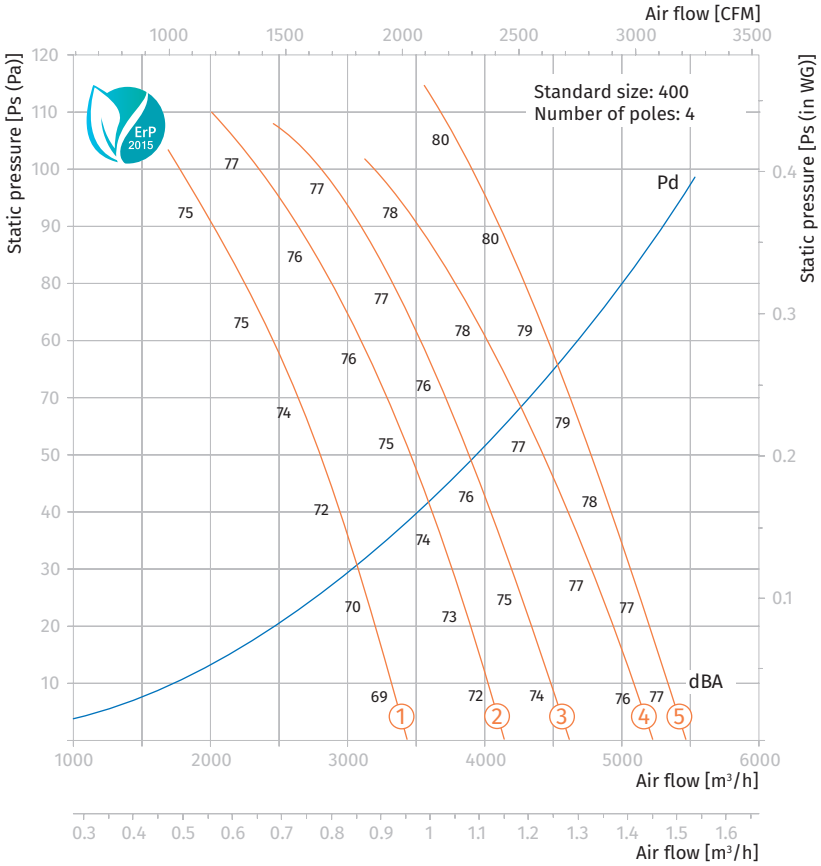
Backdraft damper		Silencer		Protective mesh	Anti-vibration mount	
						
VRV-AF	VRV1-AF	SD	SDV	SZ-AF	SIF-AF	SIG-AF

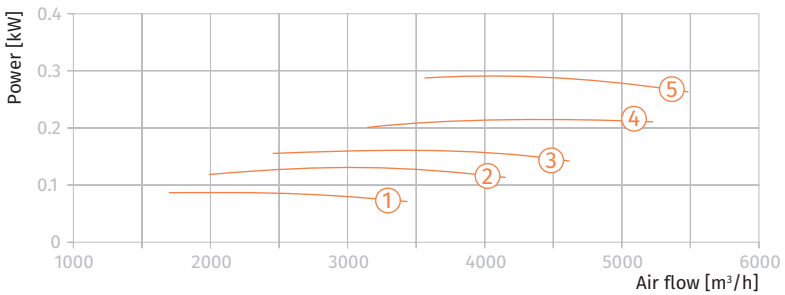
Technical data

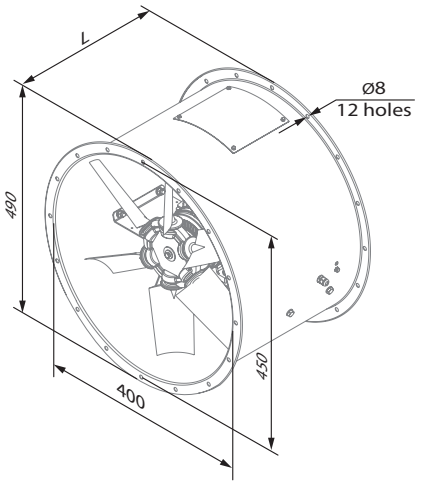
AXIS-P 400-4

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

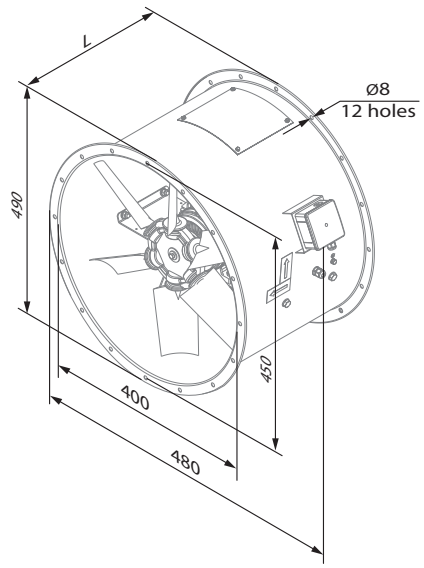
Aerodynamic characteristics







Axis-P 400-4



Axis-P 400-4...-K

AXIS-P 400

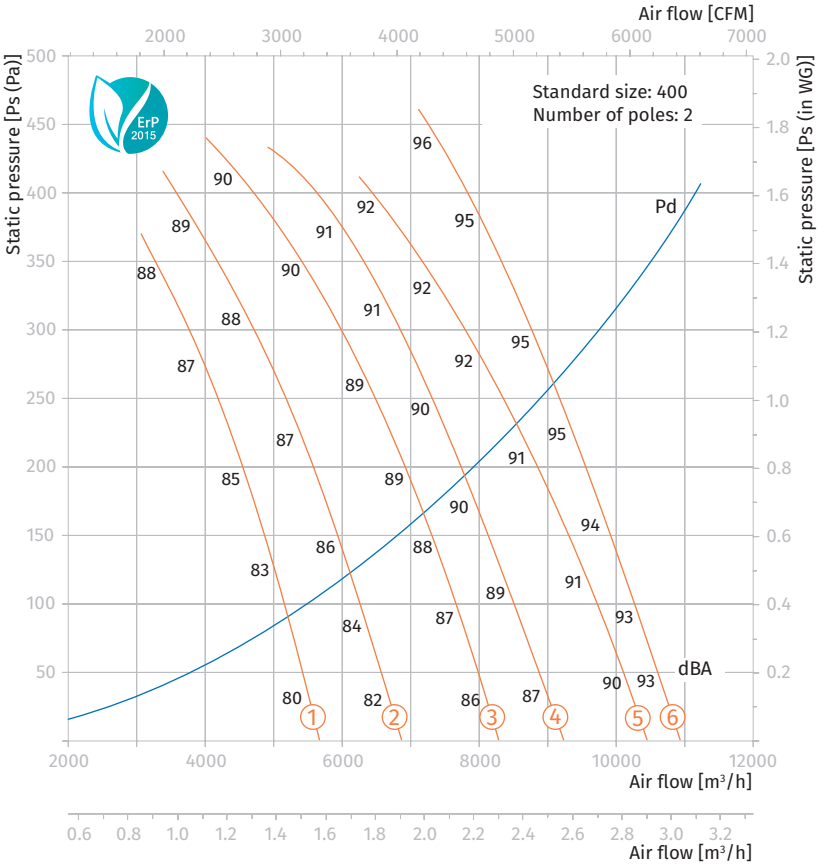
Technical data

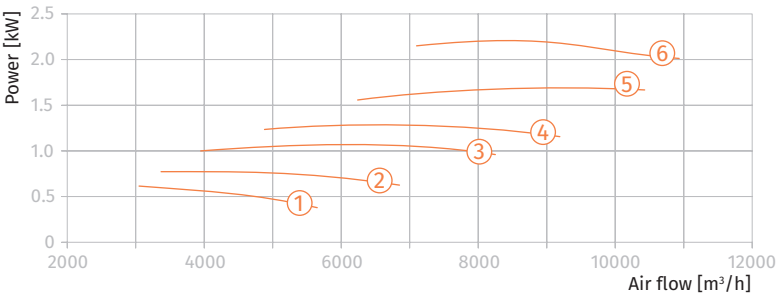
AXIS-P 400-2

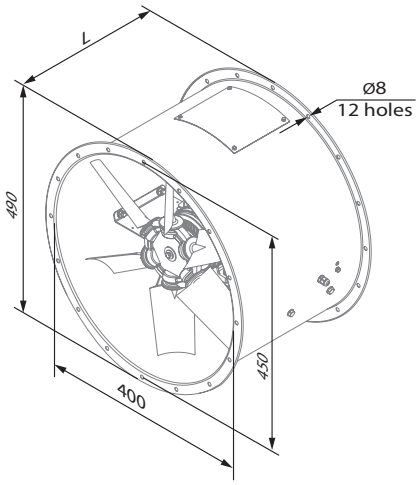
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
400	2	3~400	-	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

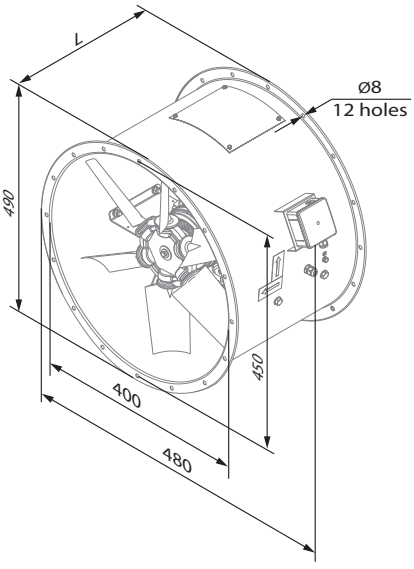
Aerodynamic characteristics







Axis-P 400-2



Axis-P 400-2...-K

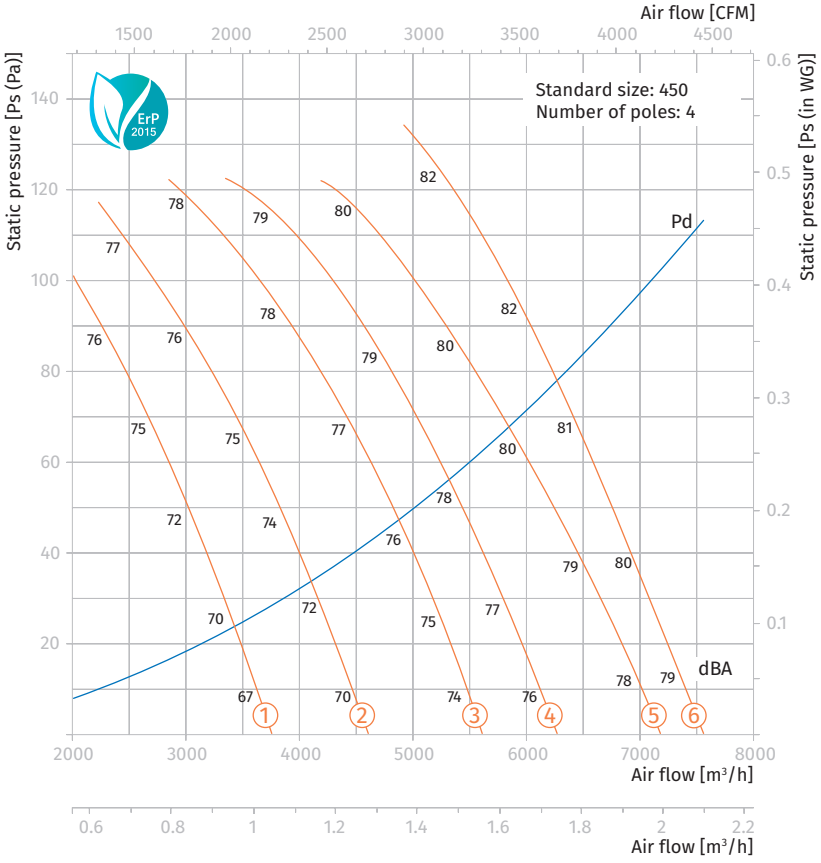
Technical data

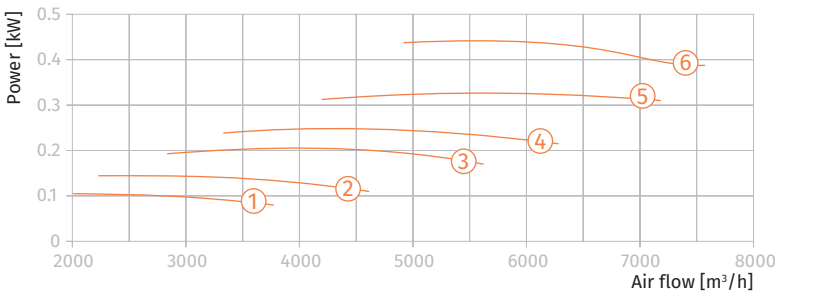
AXIS-P 450-4

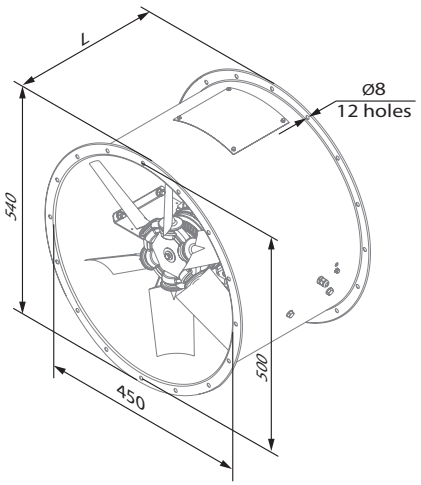
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
450	4	3~400	-	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

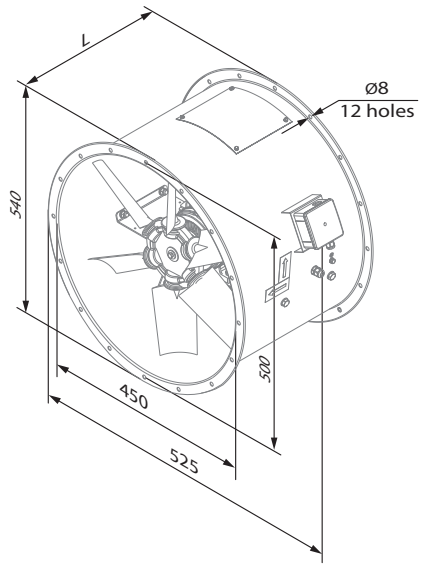
Aerodynamic characteristics







Axis-P 450-4



Axis-P 450-4...-K

AXIS-P 450

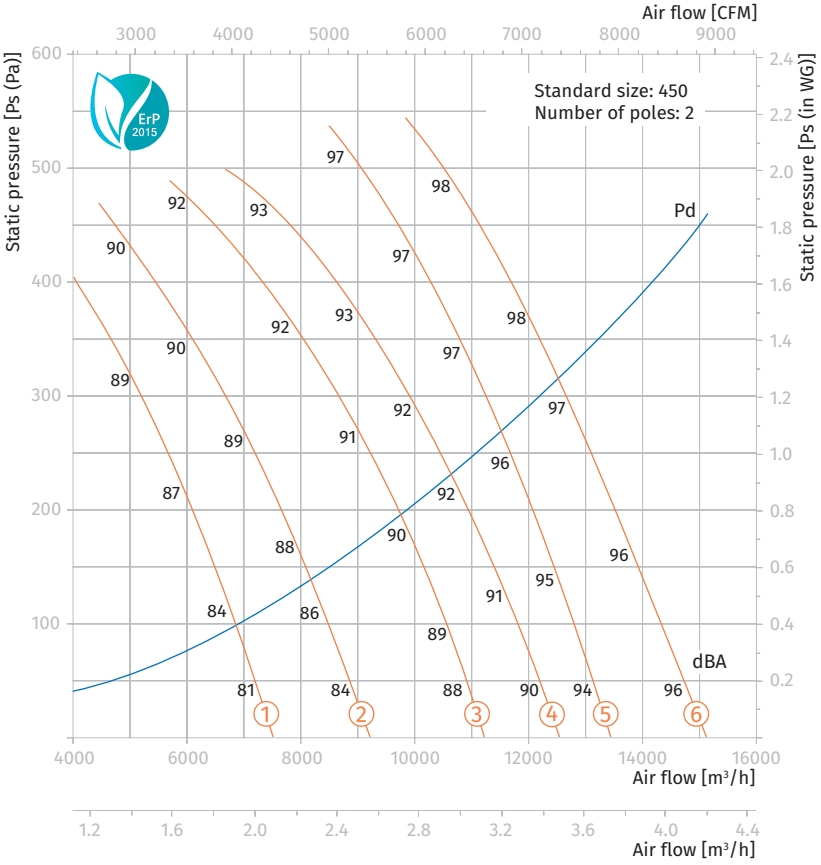
Technical data

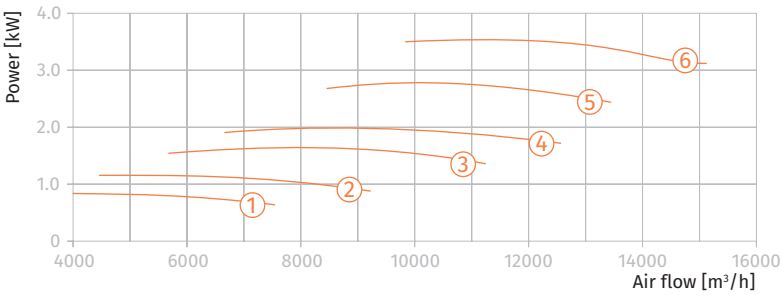
AXIS-P 450-2

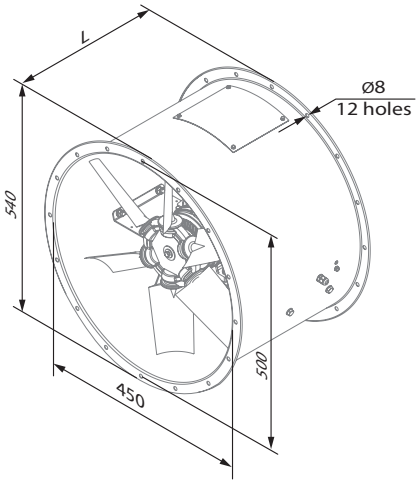
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
450	2	3~400	-	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

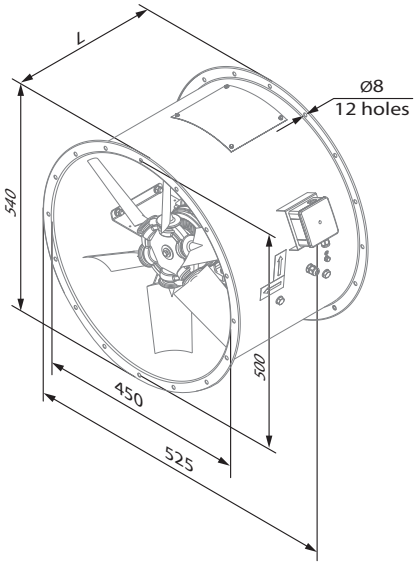
Aerodynamic characteristics







Axis-P 450-2



Axis-P 450-2...-K

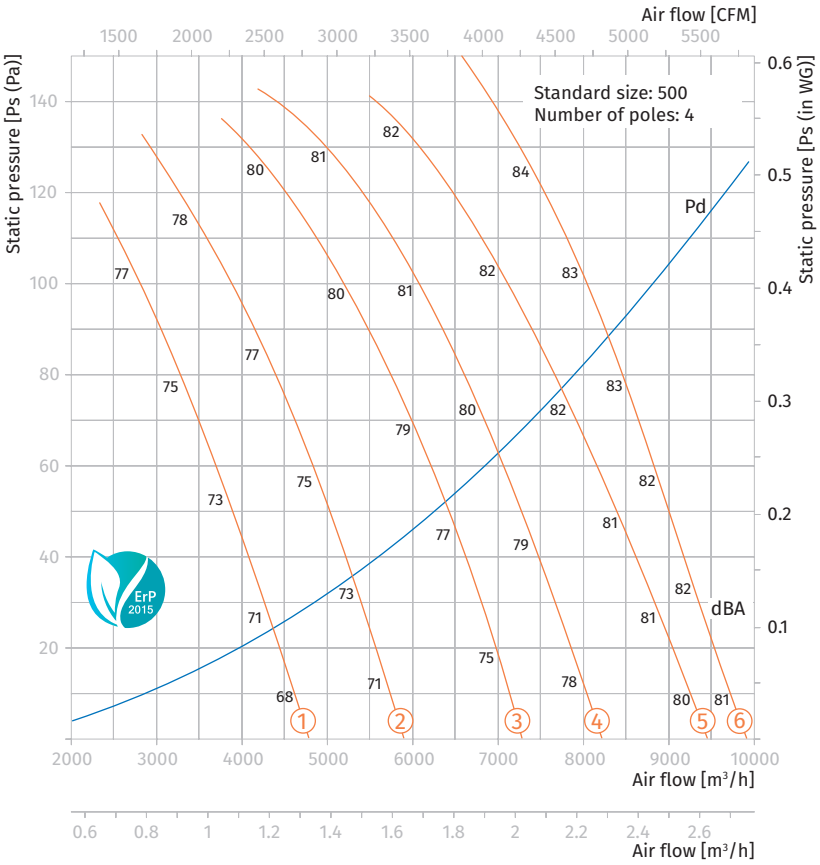
Technical data

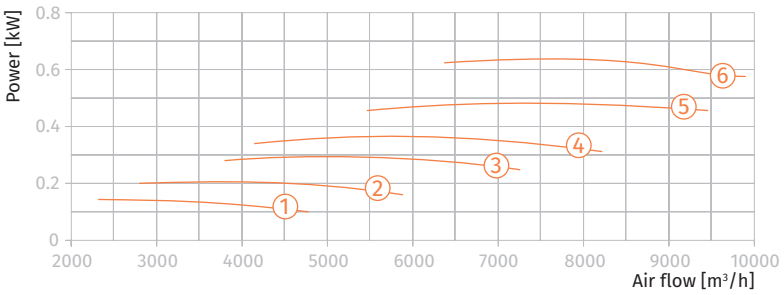
AXIS-P 500-4

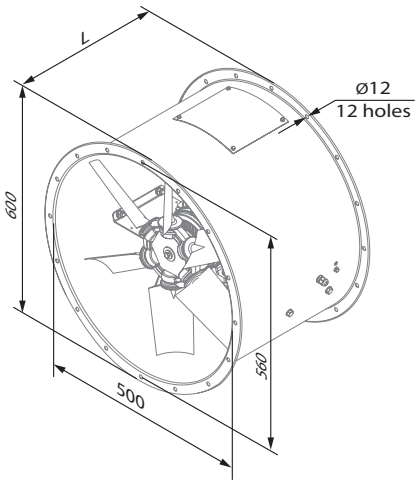
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
500	4	3~400	-	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	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	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

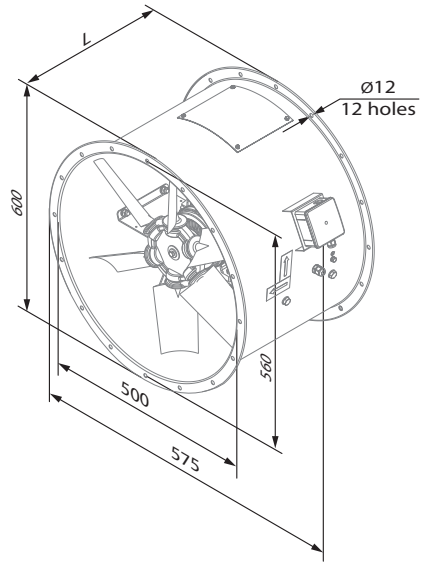
Aerodynamic characteristics







Axis-P 500-4



Axis-P 500-4...-K

AXIS-P 500

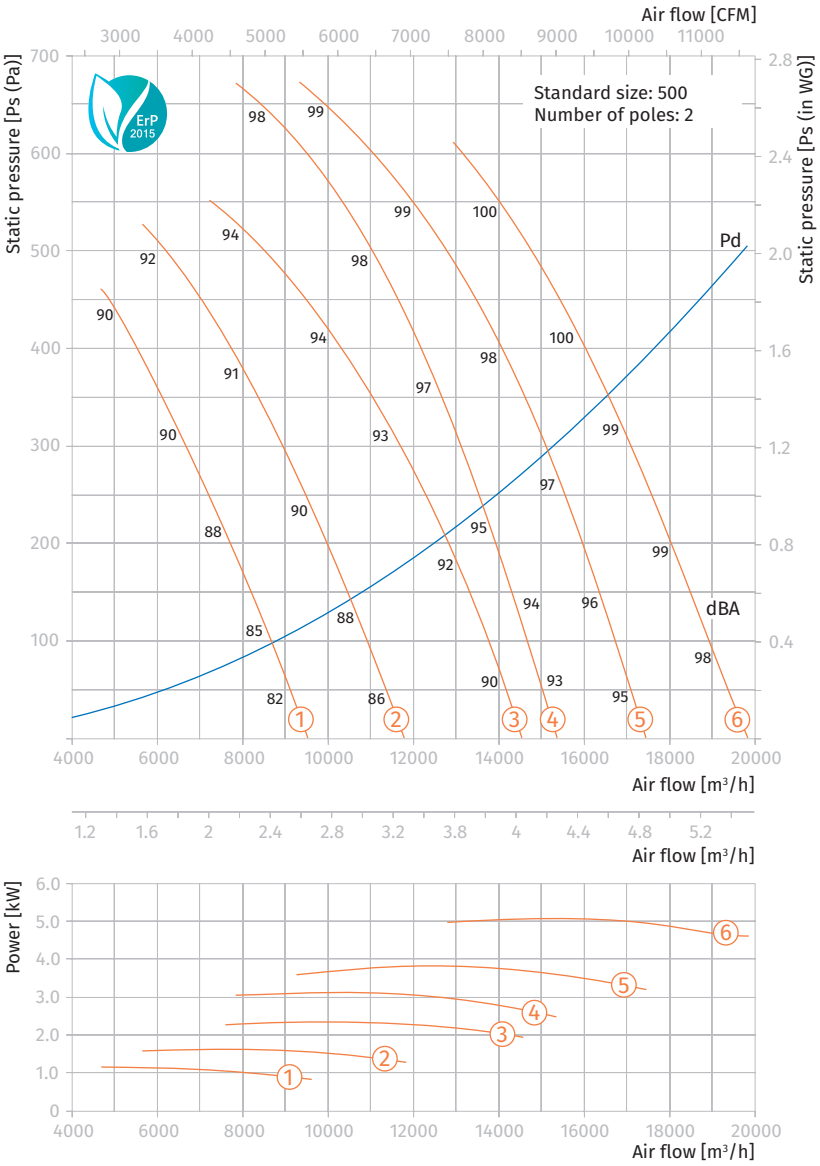
Technical data

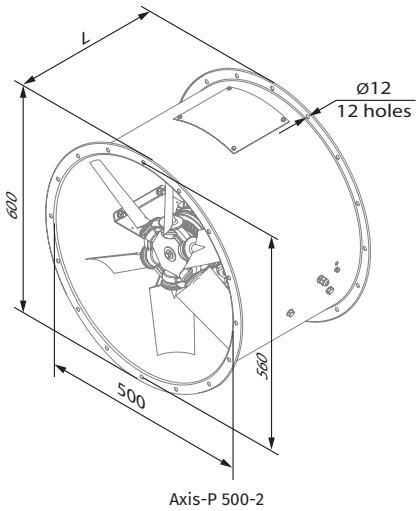
AXIS-P 500-2

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

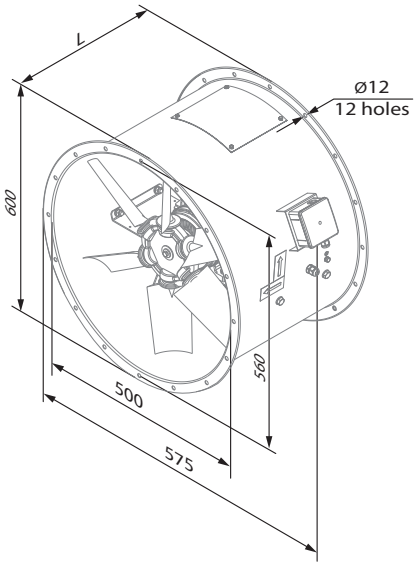
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 500-2



Axis-P 500-2...-K

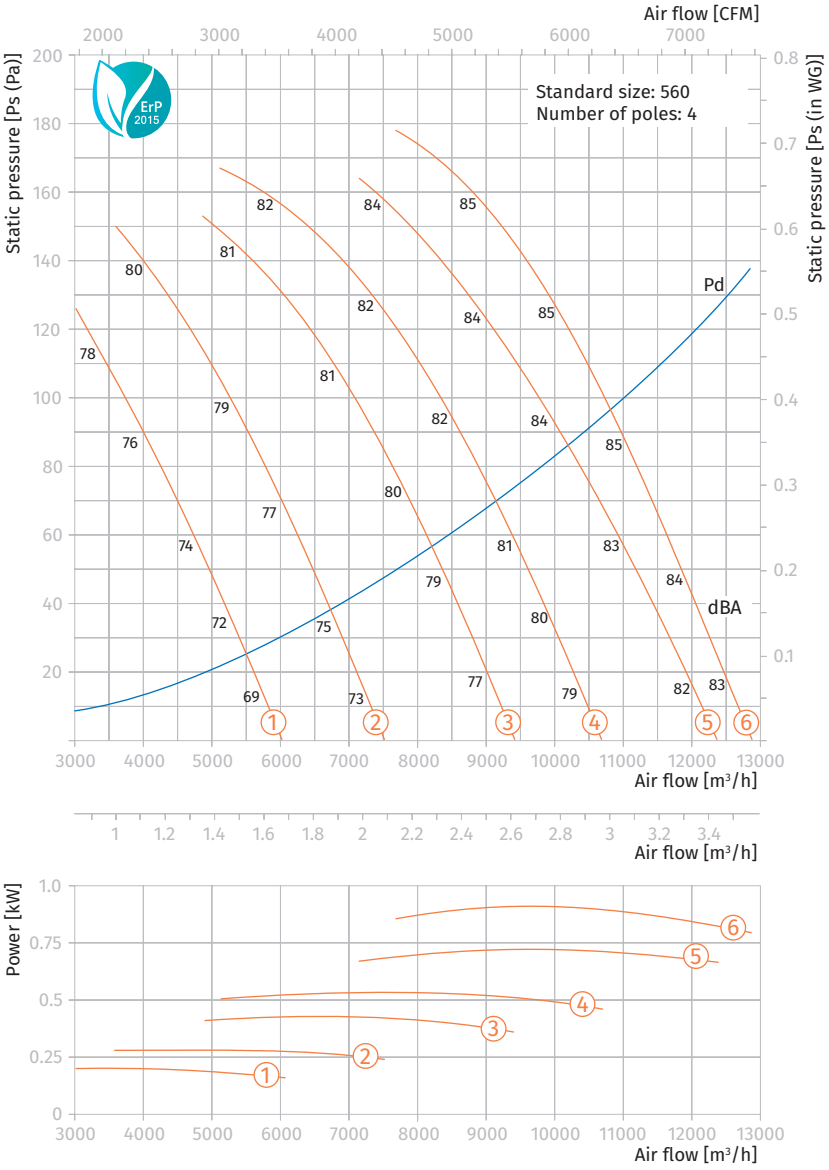
Technical data

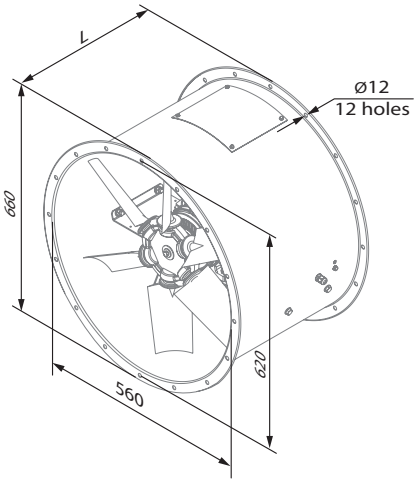
AXIS-P 560-4

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

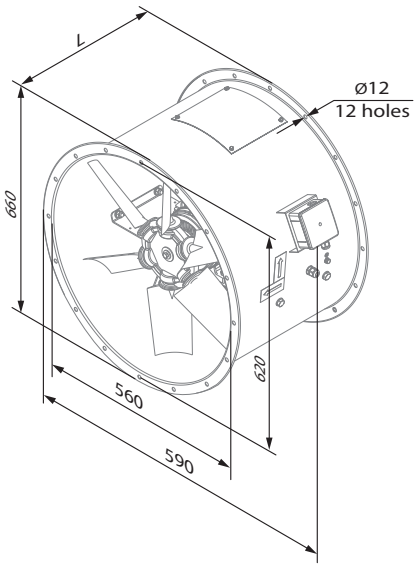
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 560-4



Axis-P 560-4 ...-K

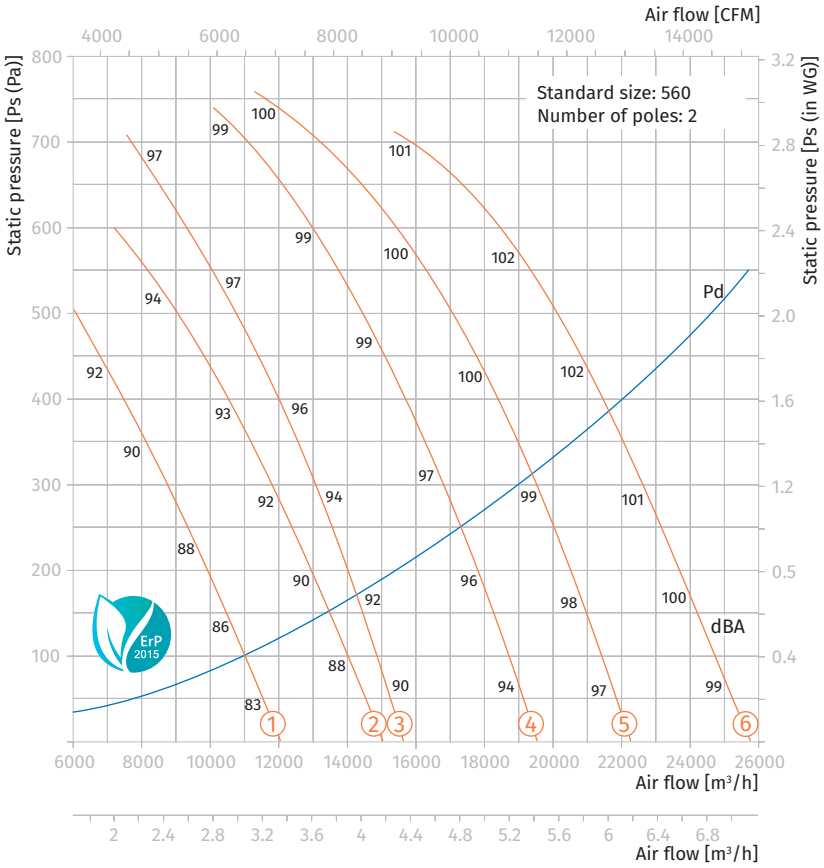
Technical data

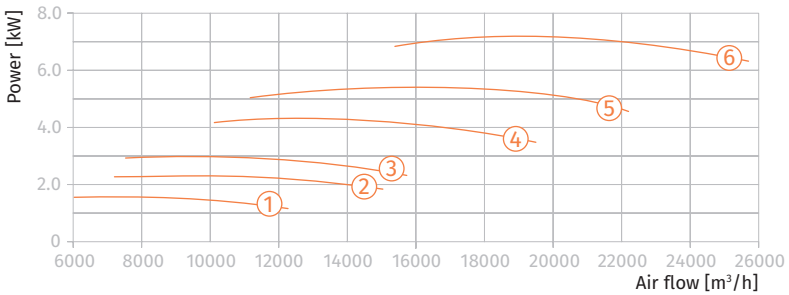
AXIS-P 560-2

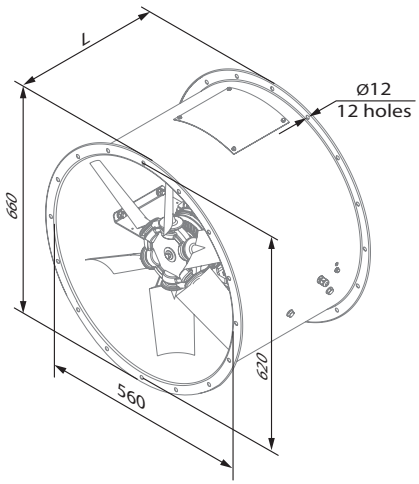
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
560	2	3~400	-	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

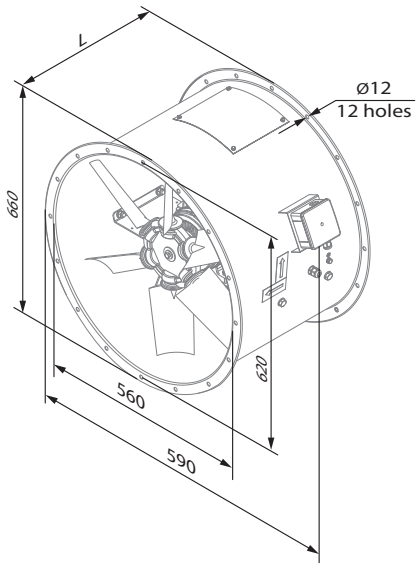
Aerodynamic characteristics







Axis-P 560-2



Axis-P 560-2 ...-K

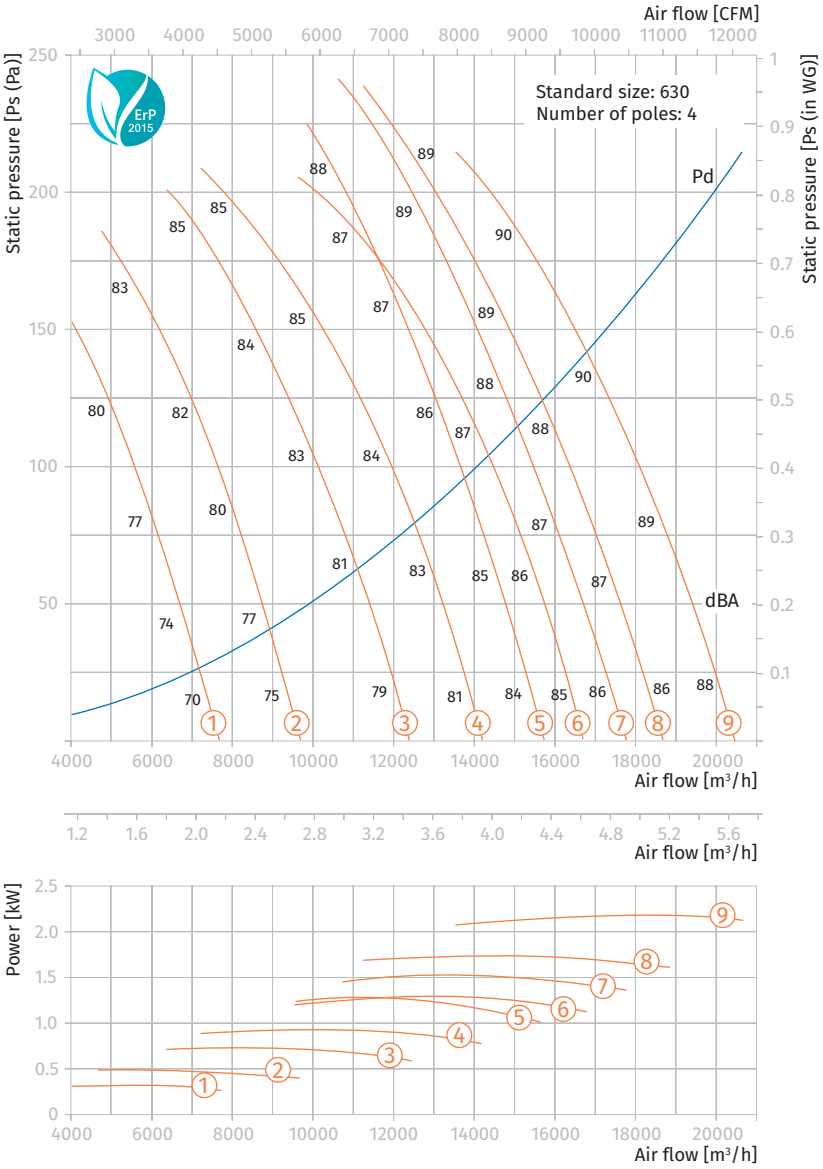
Technical data

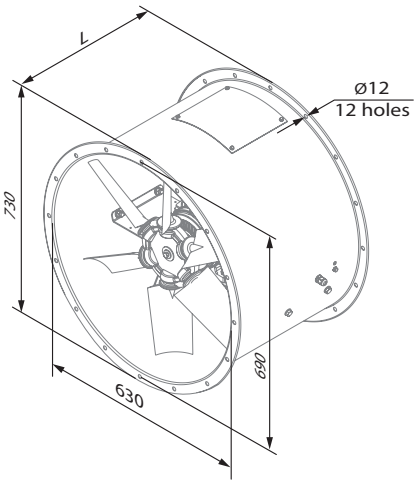
AXIS-P 630-4

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

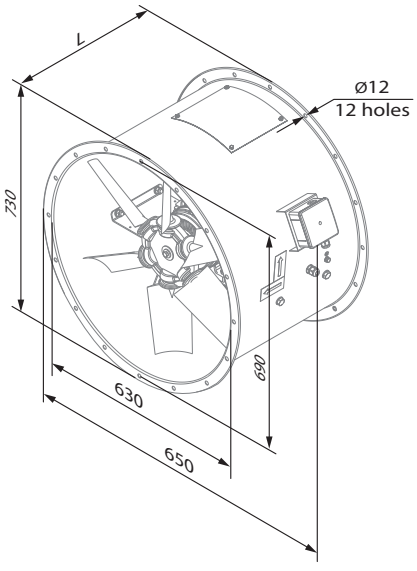
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 630-4



Axis-P 630-4 ...-K

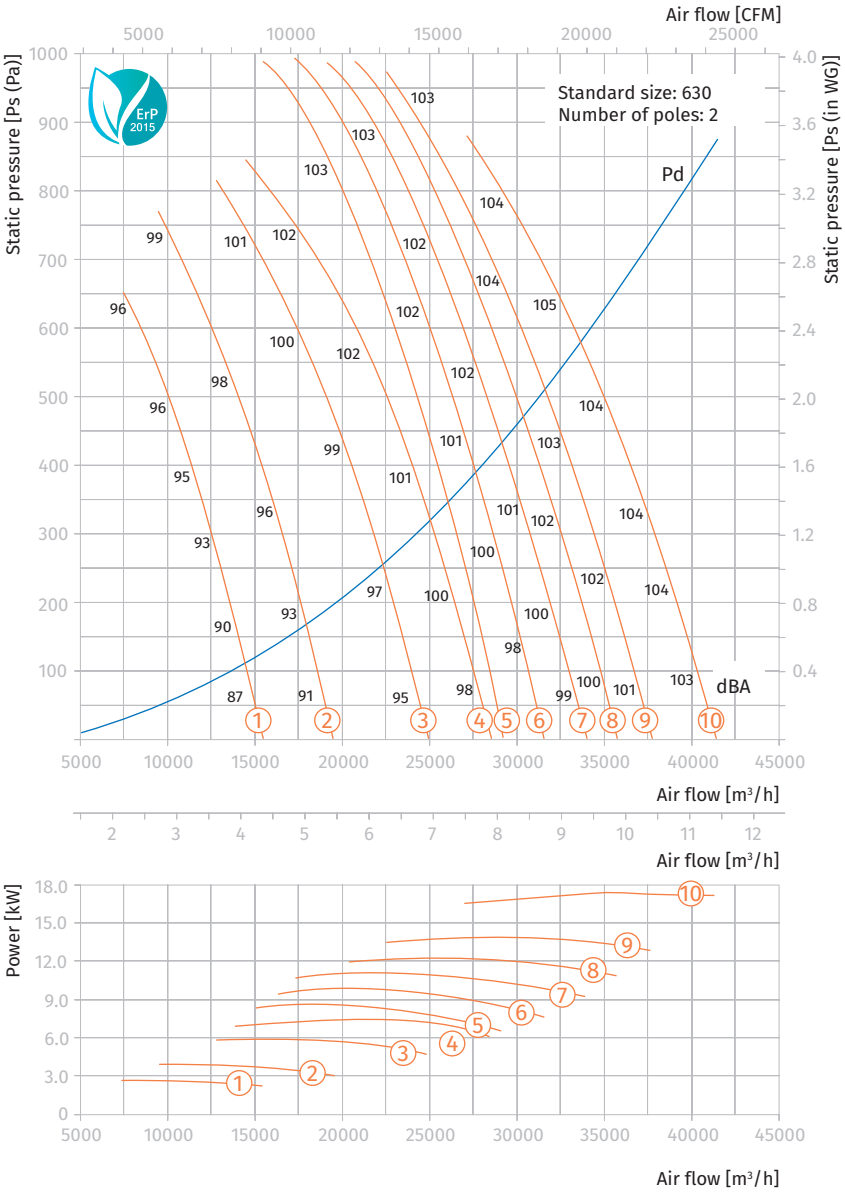
Technical data

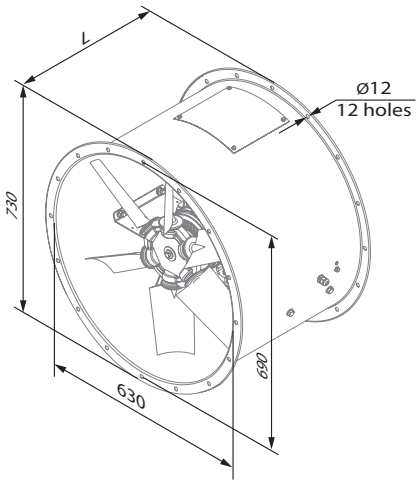
AXIS-P 630-2

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

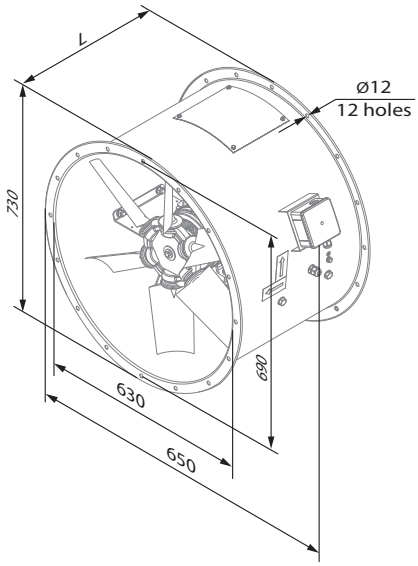
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 630-2



Axis-P 630-2 ...-K

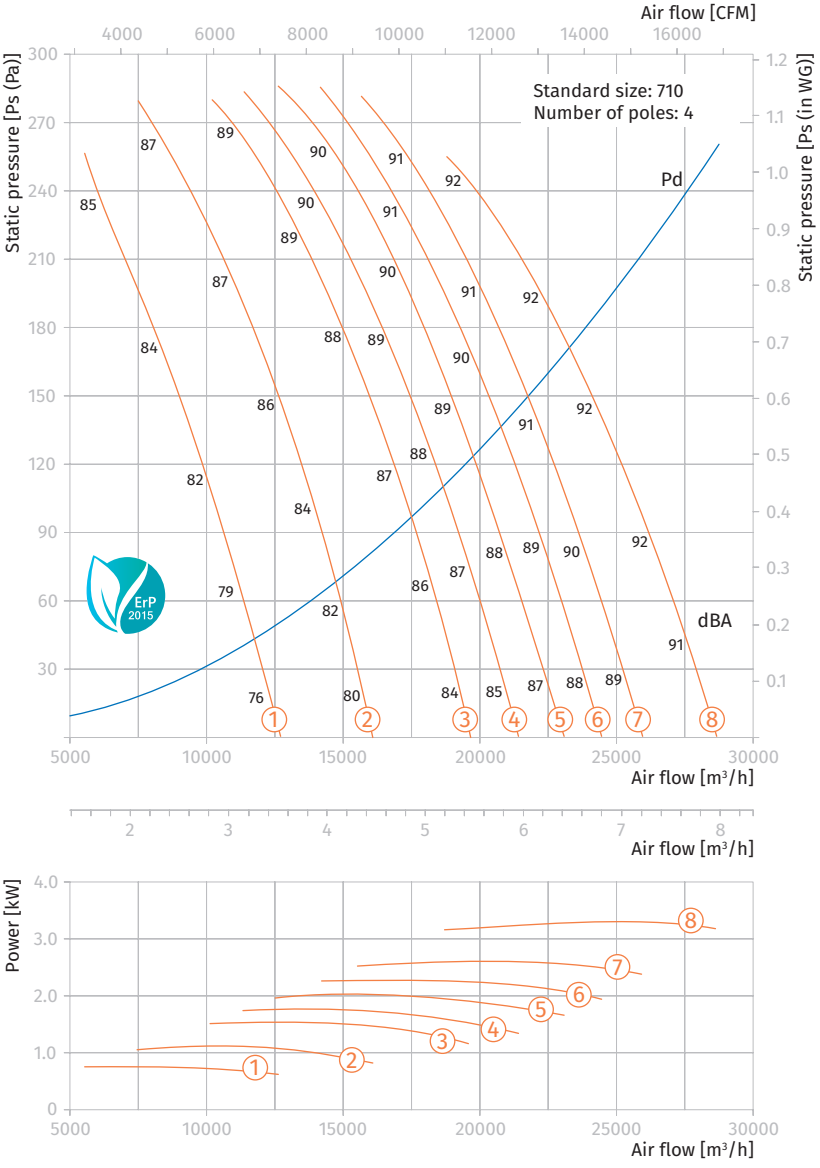
Technical data

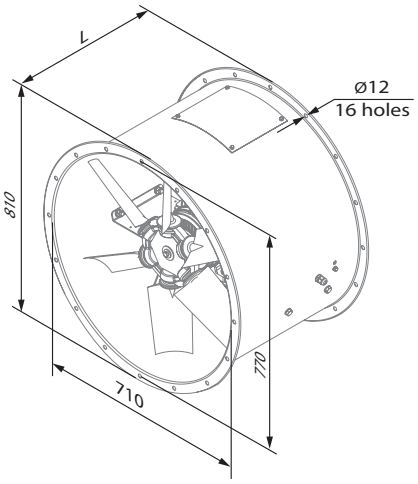
AXIS-P 710-4

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

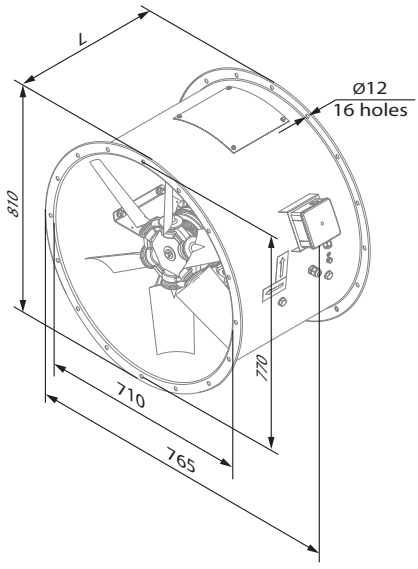
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 710-4



Axis-P 710-4...-K

AXIS-P 710

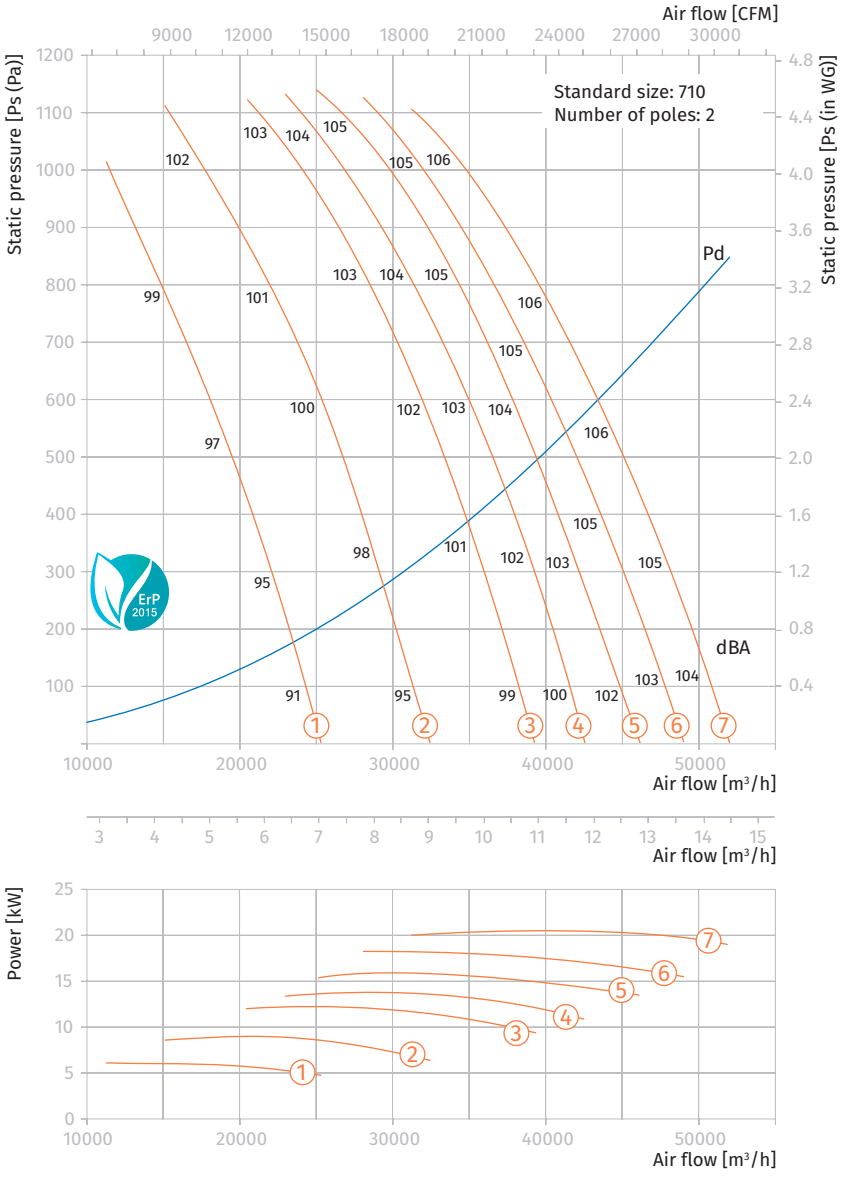
Technical data

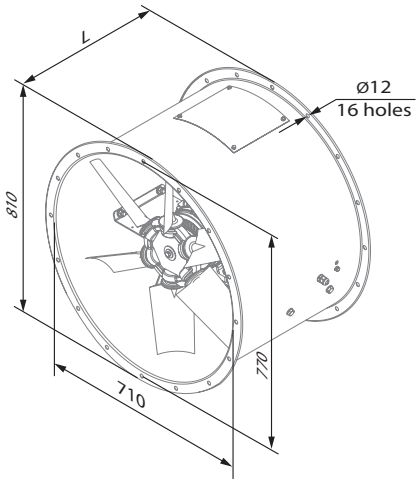
AXIS-P 710-2

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	850	⑦

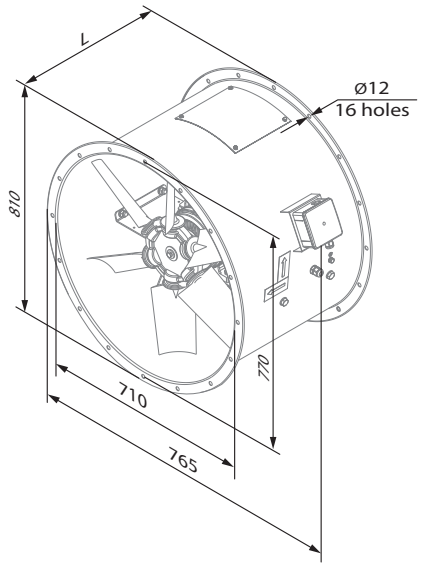
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 710-2



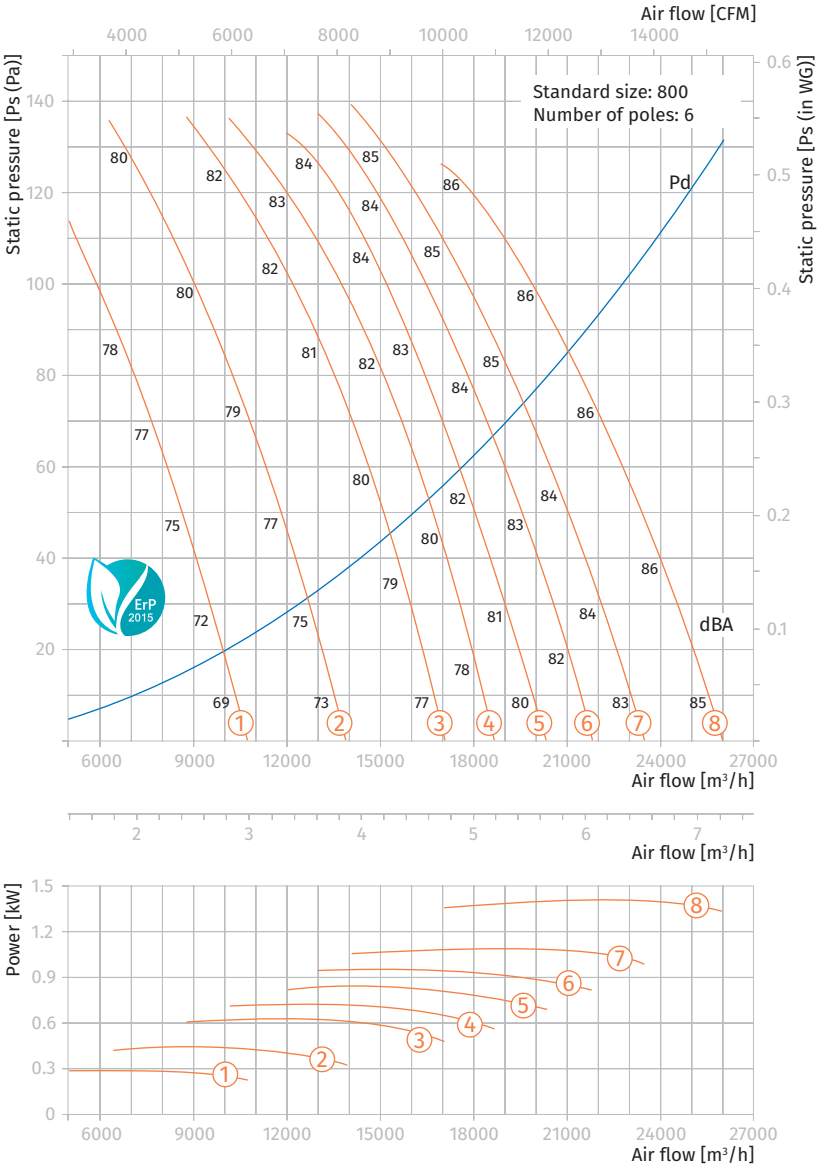
Axis-P 710-2...-K

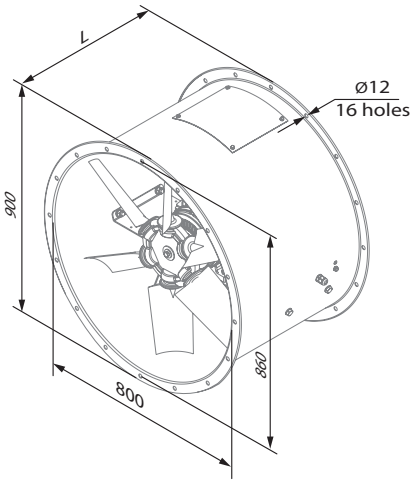
Technical data

AXIS-P 800-6

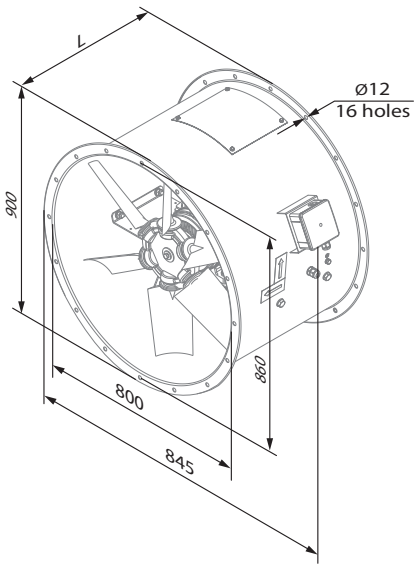
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
800	6	3~400	Axis-P 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



Axis-P 800-6 ...-K

AXIS-P 800

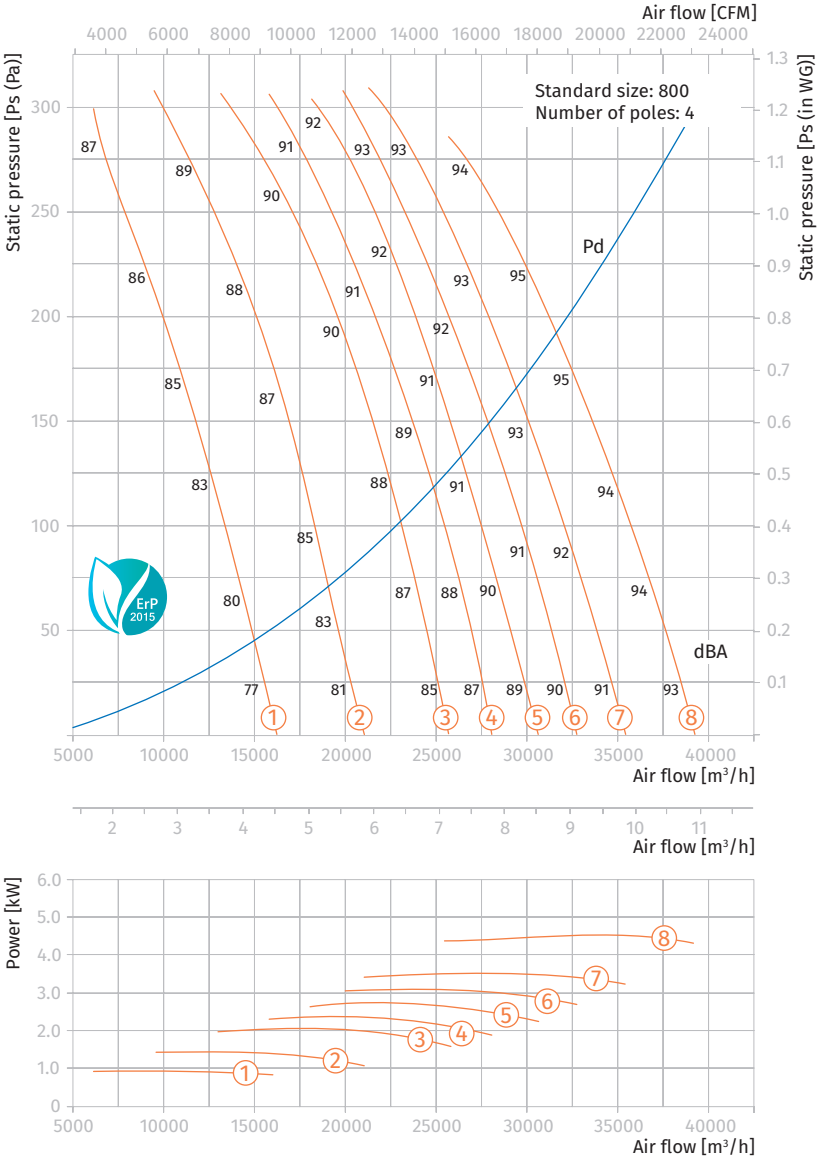
Technical data

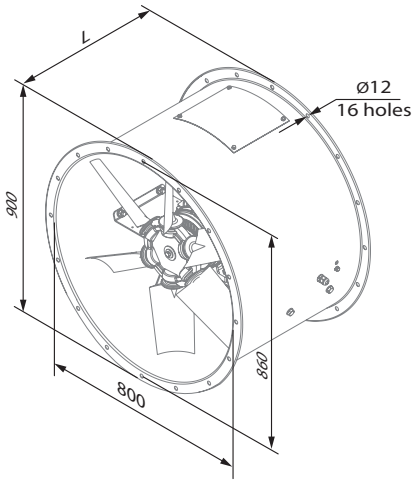
AXIS-P 800-4

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

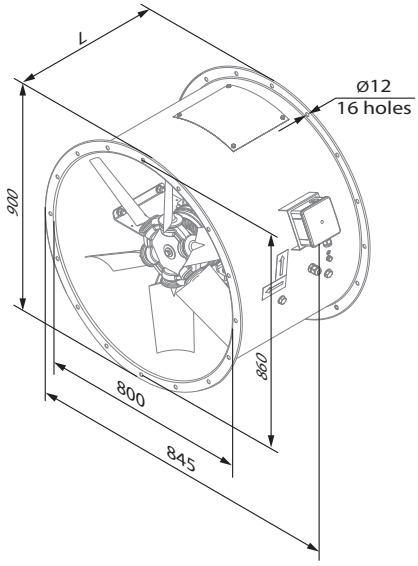
* Including a motor with energy efficiency IE3

Aerodynamic characteristics





Axis-P 800-4



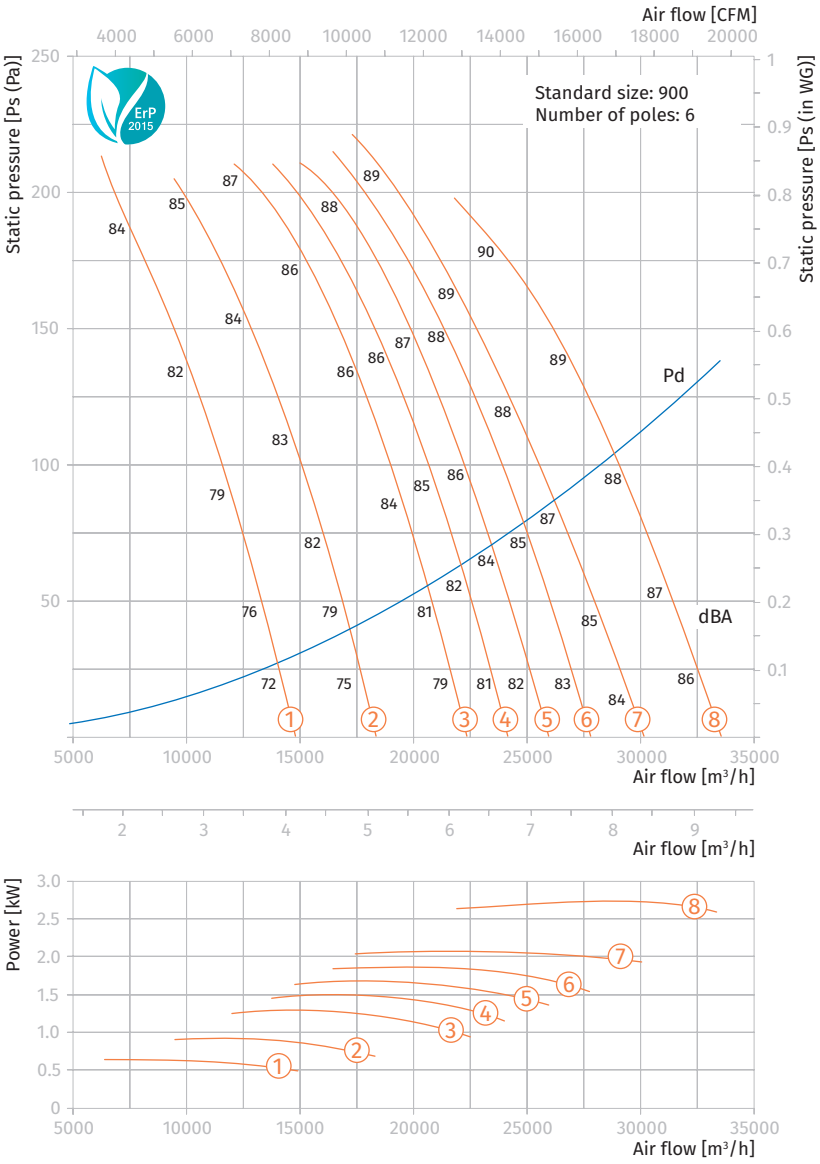
Axis-P 800-4...-K

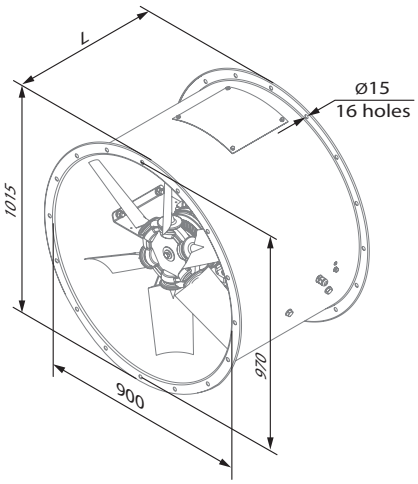
Technical data

AXIS-P 900-6

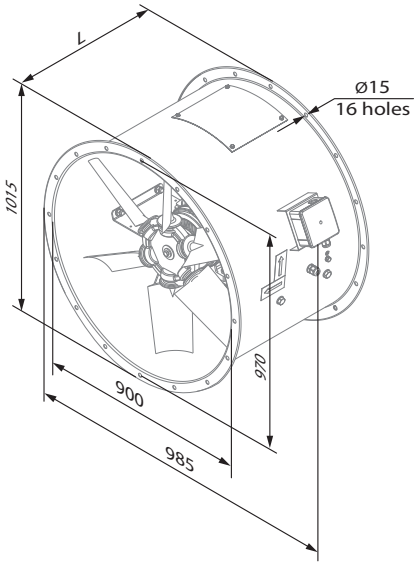
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
900	6	3~400	Axis-P 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



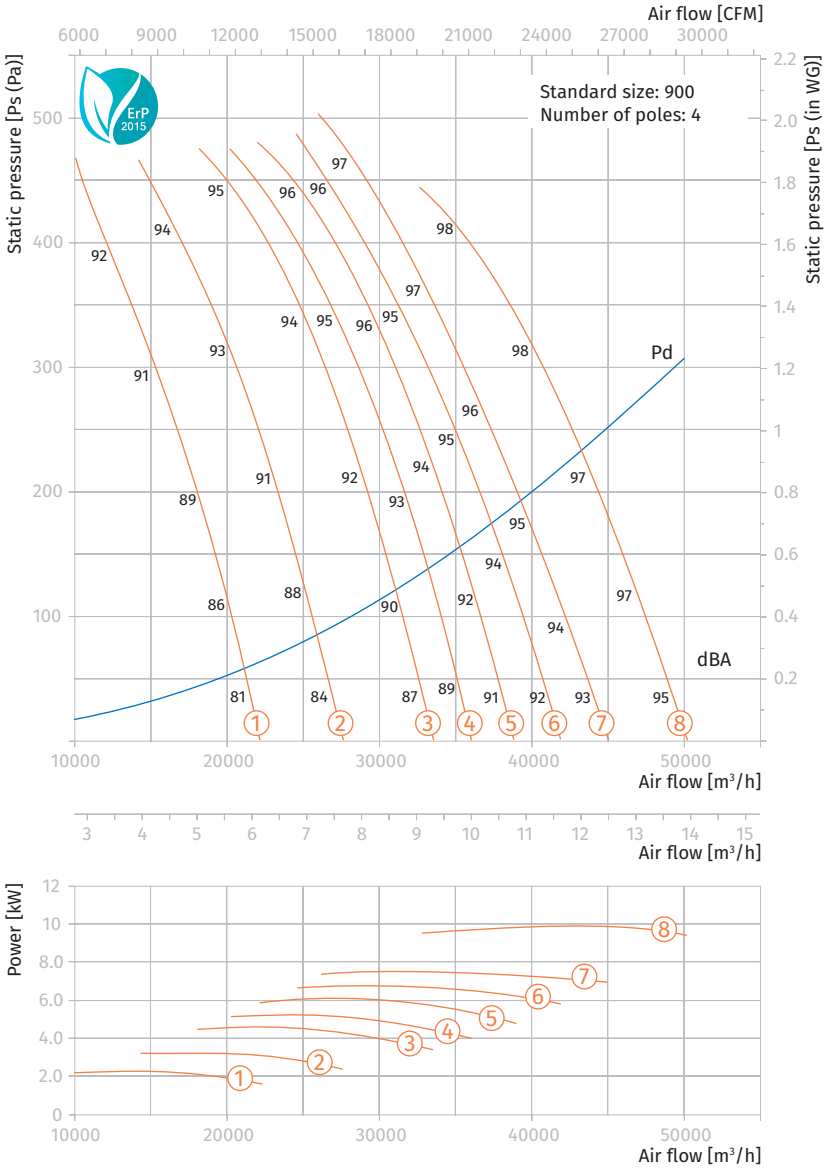
Axis-P 900-6...-K

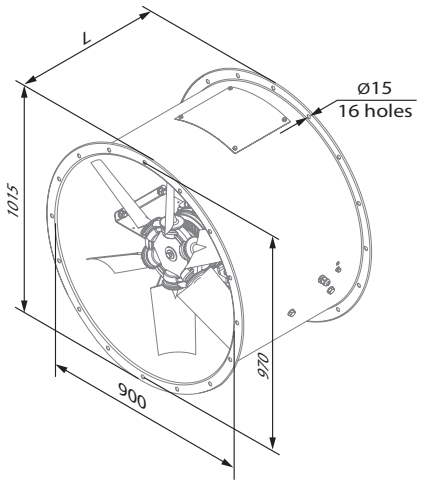
Technical data

AXIS-P 900-4

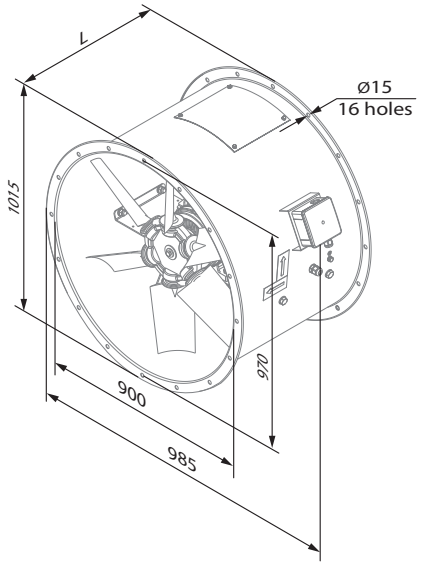
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
900	4	3~400	Axis-P 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



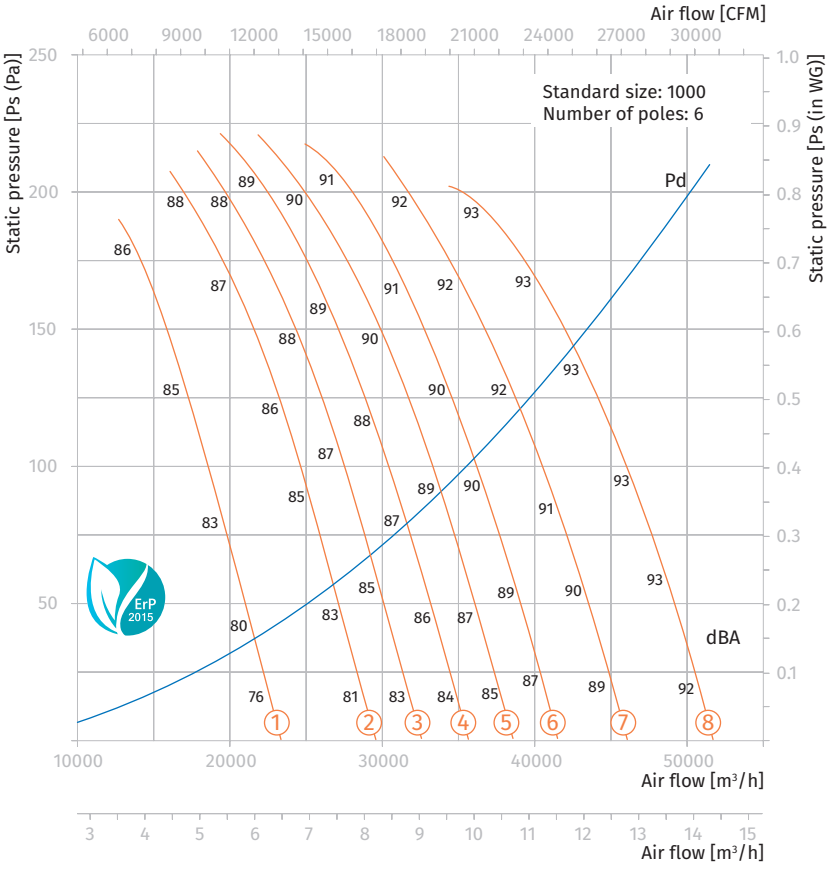
Axis-P 900-4...-K

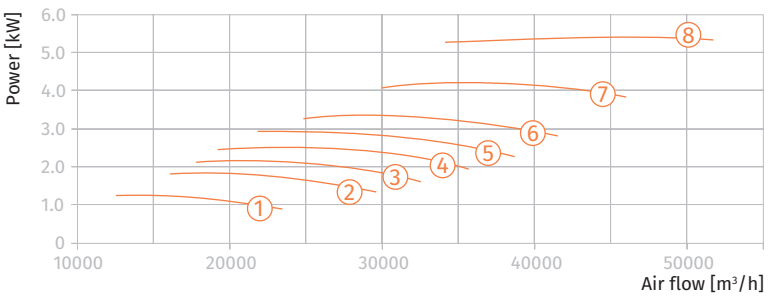
Technical data

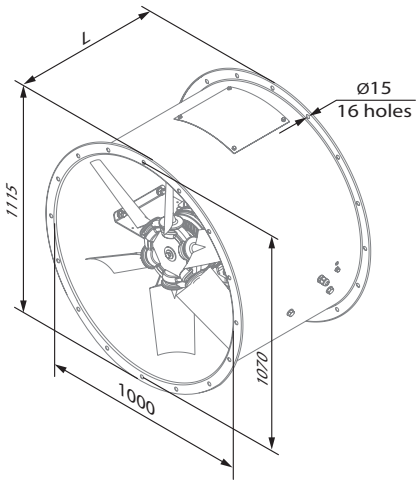
AXIS-P 1000-6

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

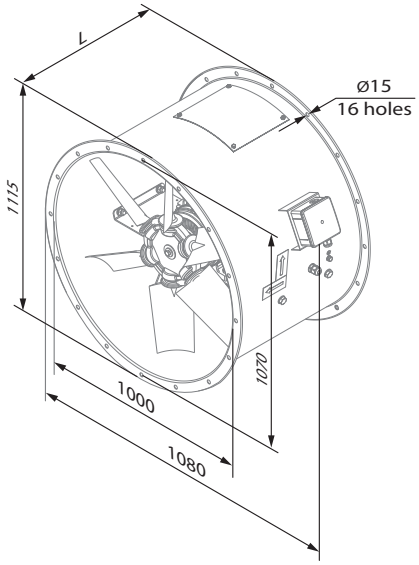
Aerodynamic characteristics







Axis-P 1000-6



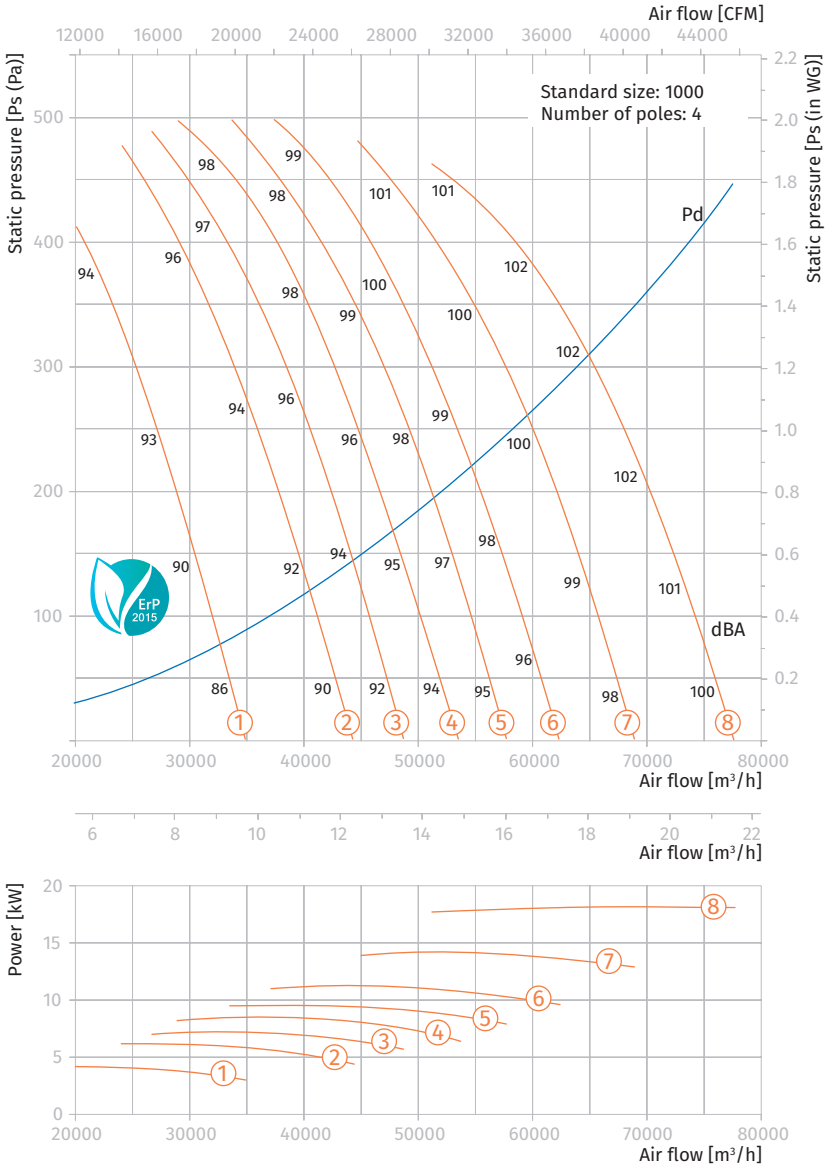
Axis-P 1000-6...-K

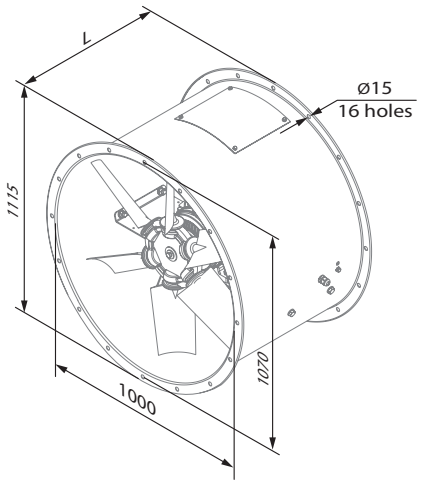
Technical data

AXIS-P 1000-4

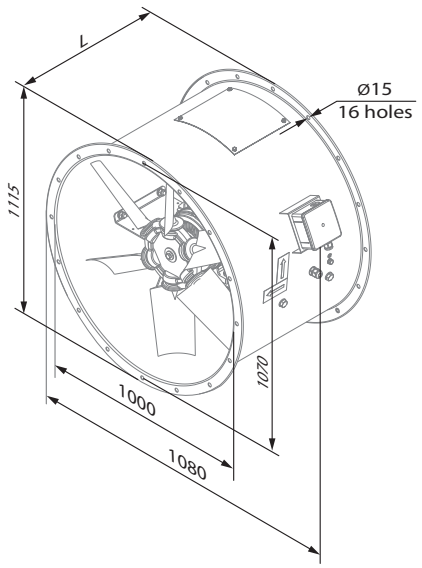
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1000	4	3~400	Axis-P 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	800	⑤
			Axis-P 1000-4D/11-8/40/AL	Axis-P 1000-4D/11-8/40/PAG	11	1440	8	40	237.3	800	⑥
			Axis-P 1000-4D/15-8/45/AL	Axis-P 1000-4D/15-8/45/PAG	15	1440	8	45	256.4	800	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	900	⑧

Aerodynamic characteristics





Axis-P 1000-4



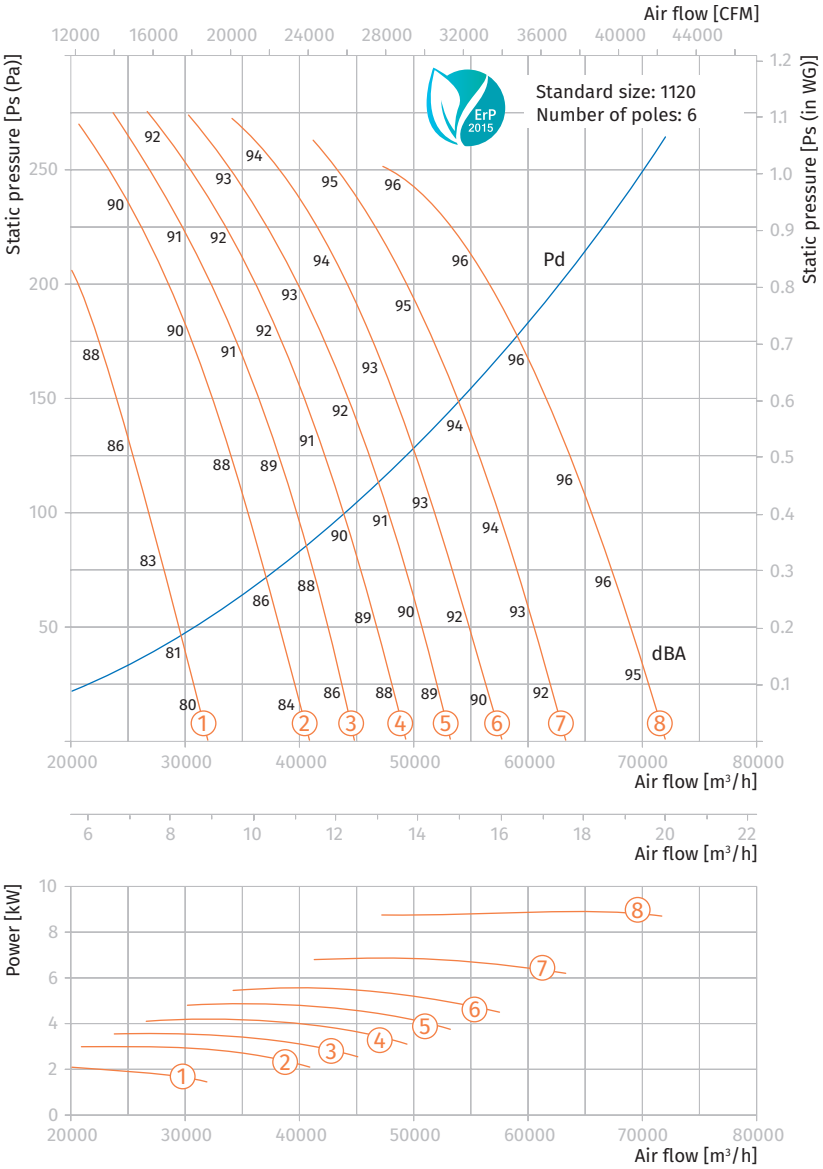
Axis-P 1000-4...-K

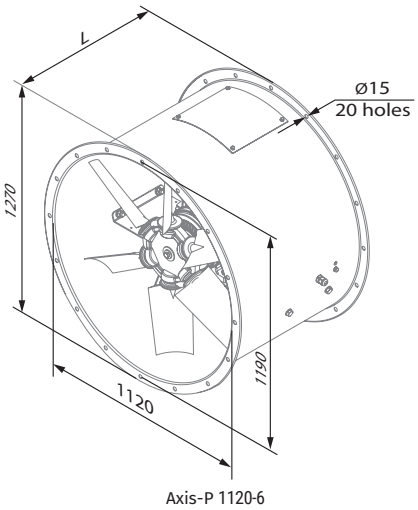
Technical data

AXIS-P 1120-6

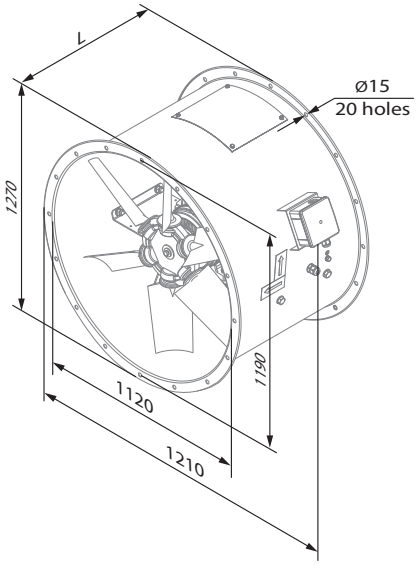
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1120	6	3~400	Axis-P 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	800	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	800	⑧

Aerodynamic characteristics





Axis-P 1120-6



Axis-P 1120-6...-K

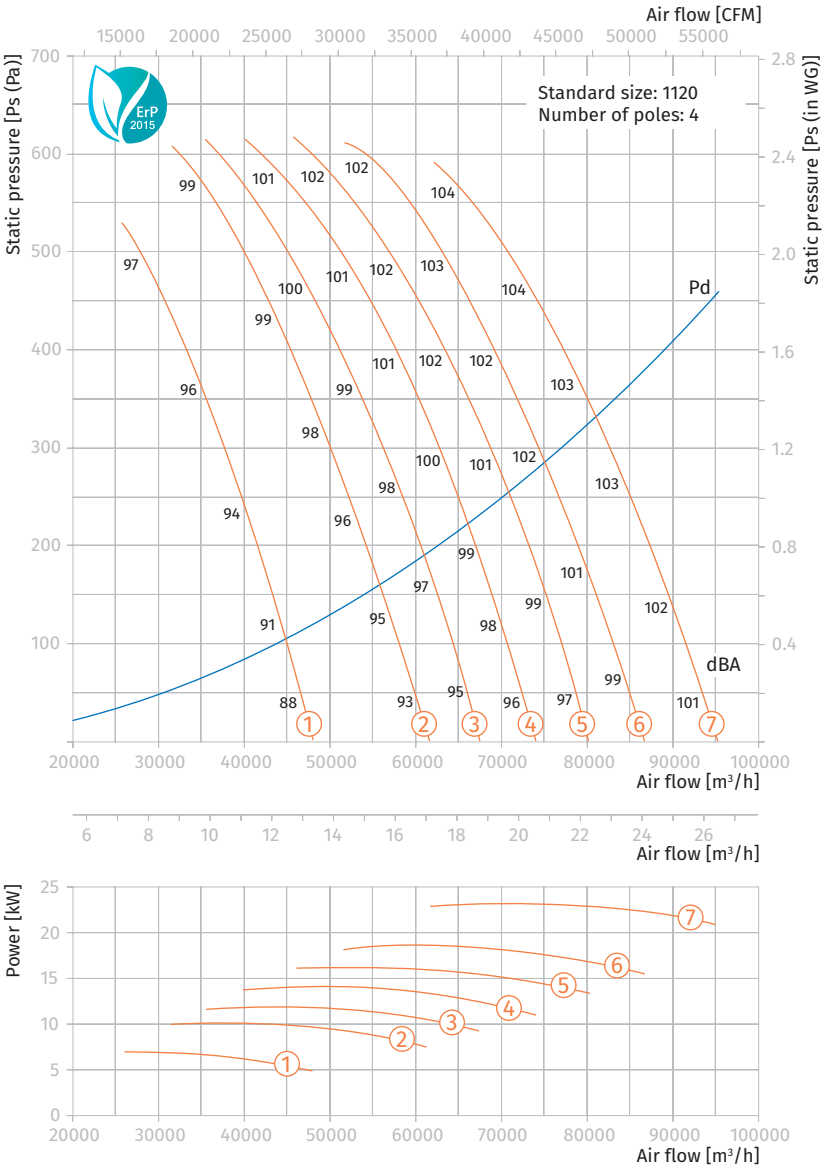
AXIS-P 1120

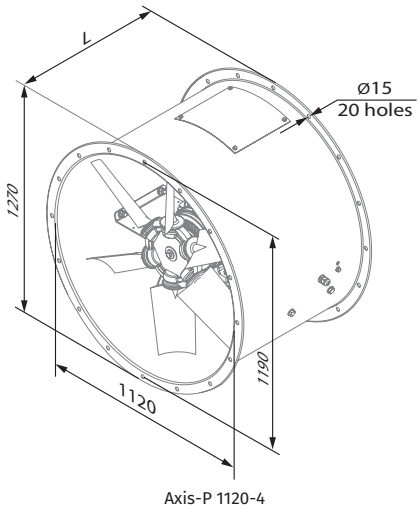
Technical data

AXIS-P 1120-4

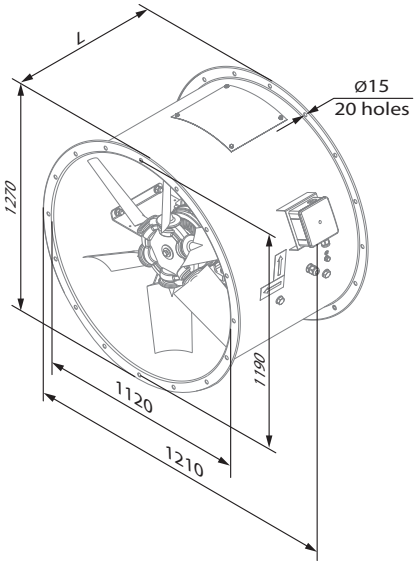
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1120	4	3~400	Axis-P 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	800	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	800	③
			Axis-P 1120-4D/15-8/35/AL	Axis-P 1120-4D/15-8/35/PAG	15	1440	8	35	275.4	800	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	900	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	900	⑥
			Axis-P 1120-4D/22-8/45/AL	Axis-P 1120-4D/22-8/45/PAG	22	1440	8	45	334.2	900	⑦

Aerodynamic characteristics





Axis-P 1120-4



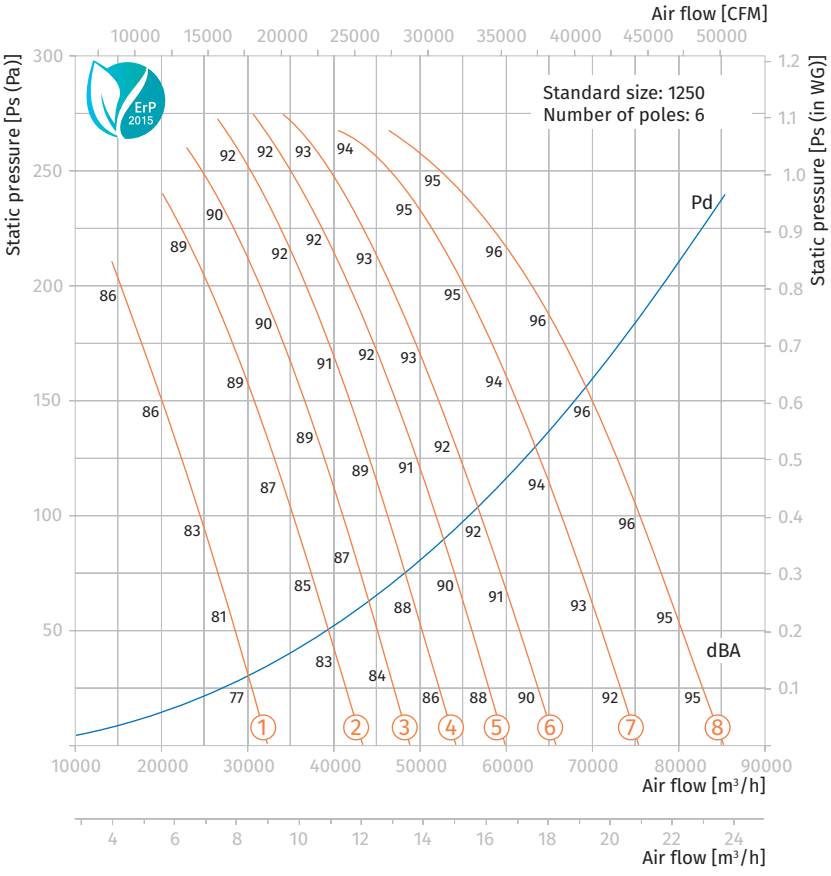
Axis-P 1120-4...-K

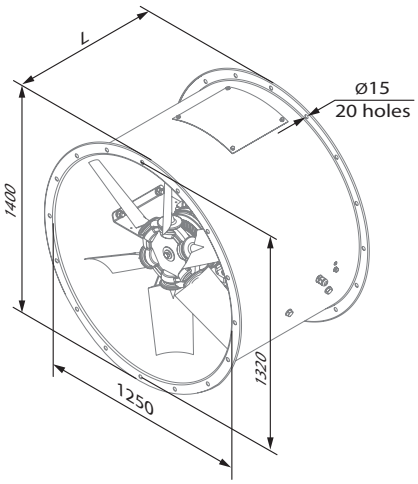
Technical data

AXIS-P 1250-6

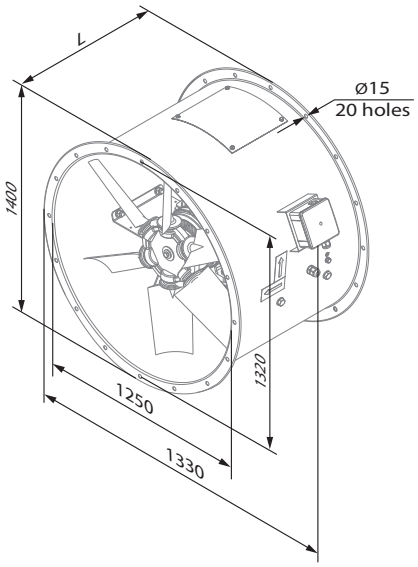
Size	Number of poles	Voltage [V / 50 Hz]	Fan model with aluminum blades impeller (AL)	Fans model with fiberglass reinforced polyamide blades impeller (PAG)	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Lenght L [mm]	Curve number on graph
1250	6	3~400	Axis-P 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	800	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	800	⑦
			Axis-P 1250-6D/11-8/50/AL	Axis-P 1250-6D/11-8/50/PAG	11	960	8	50	299.3	800	⑧

Aerodynamic characteristics





Axis-P 1250-6



Axis-P 1250-6...-K

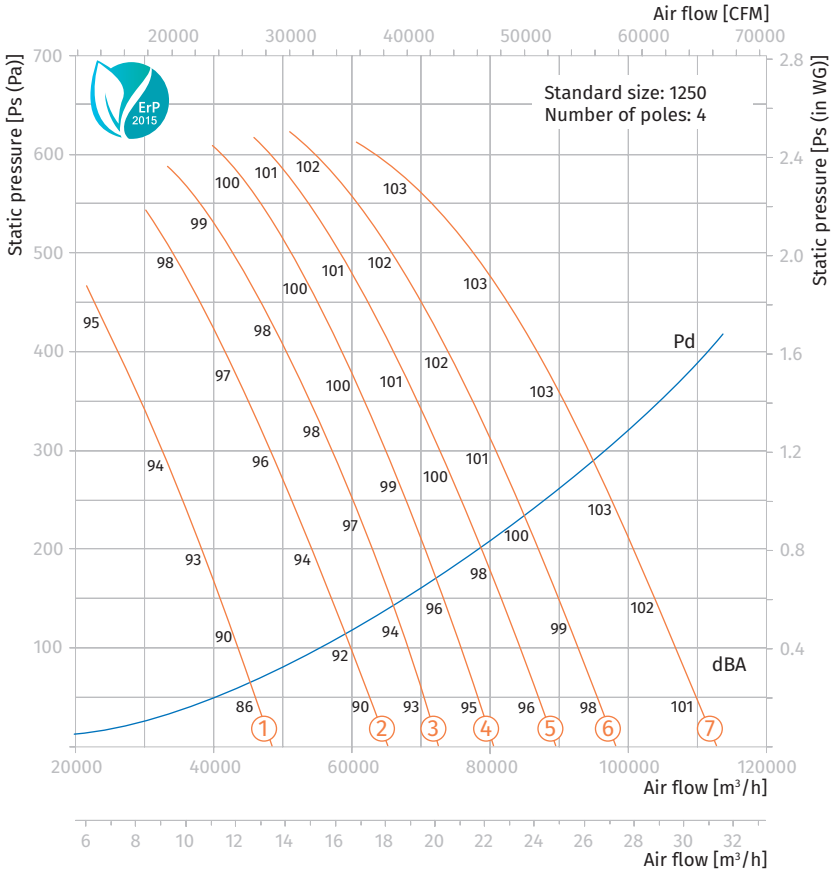
AXIS-P 1250

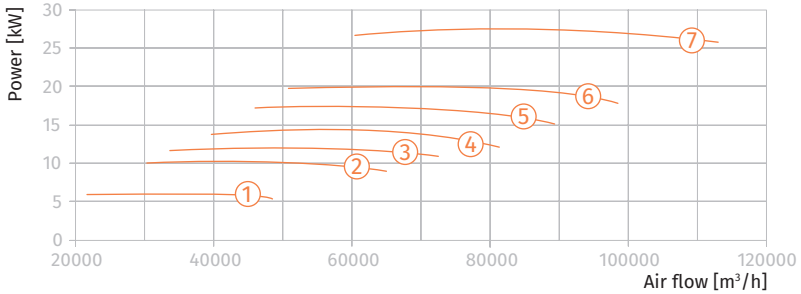
Technical data

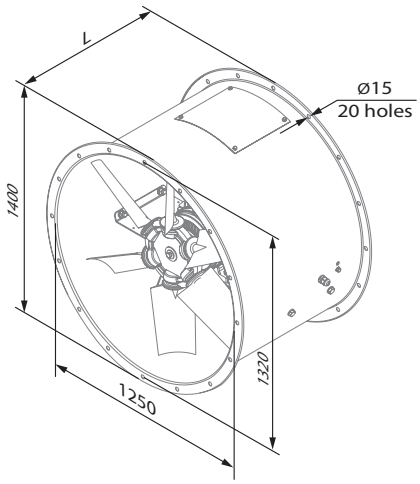
AXIS-P 1250-4

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	800	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	800	③
			Axis-P 1250-4D/15-8/35/AL	Axis-P 1250-4D/15-8/35/PAG	15	1440	8	35	294.4	800	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	900	⑤
			Axis-P 1250-4D/22-8/40/AL	Axis-P 1250-4D/22-8/40/PAG	22	1440	8	40	353.2	900	⑥
			Axis-P 1250-4D/30-8/45/AL	Axis-P 1250-4D/30-8/45/PAG	30	1440	8	45	416.2	900	⑦

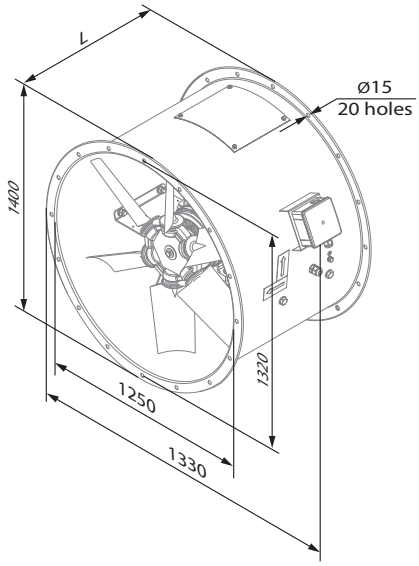
Aerodynamic characteristics







Axis-P 1250-4



Axis-P 1250-4...-K