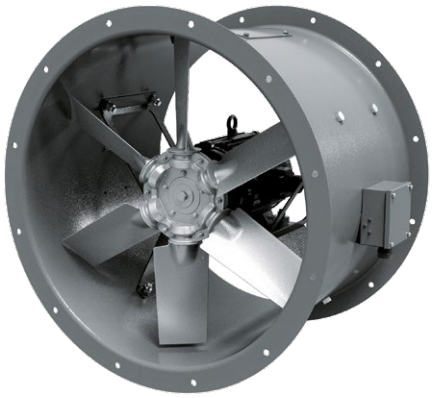
Axis-FP...300/2

Axial smoke extraction fans



Air flow:
up to 114 000 m³/h

Transported air temperature:
300 °C/2 hours

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 +300 °C.
- The fans with a fire resistance class of 200 °C/2 hours can be produced on request. The characteristics of the 200 °C/2 hours fans are completely identical to 300 °C/2 hours fans.

Design

- The fan consists of a casing, an impeller and a 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.
- 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) motors. Motor ingress protection rating is IP55. 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-, 4/6- or 4/8-pole motors.

Impeller

- Depending on the size and the required air capacity the fans are equipped with impellers with 6, 7, 8 or 9 blades angled from 20° to 50° 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, the 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.

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 (duct diameter) [mm]

Modification:
_: standard casing
K: shortened casing

Number of motor poles

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

Motor power [kW]

Number of impeller blades [items]

Blade setting angle [°]

Blade material:
AL: aluminium

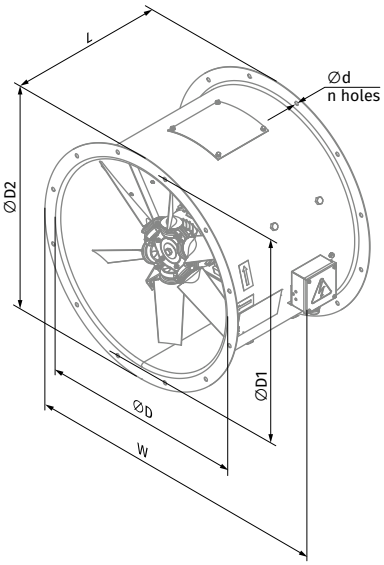
Climatic category:
U: moderate climate (-40 … +40 °C)
HL: cold climate (-60 … +40 °C)
UHL: moderate and cold climate (-60 … +40 °C)
T: tropical climate (-10 … +50 °C)
M: maritime moderately cold climate (-40 … +40 °C)
O: general climatic modification (except maritime climate) (-60 … +50 °C)
OM: general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

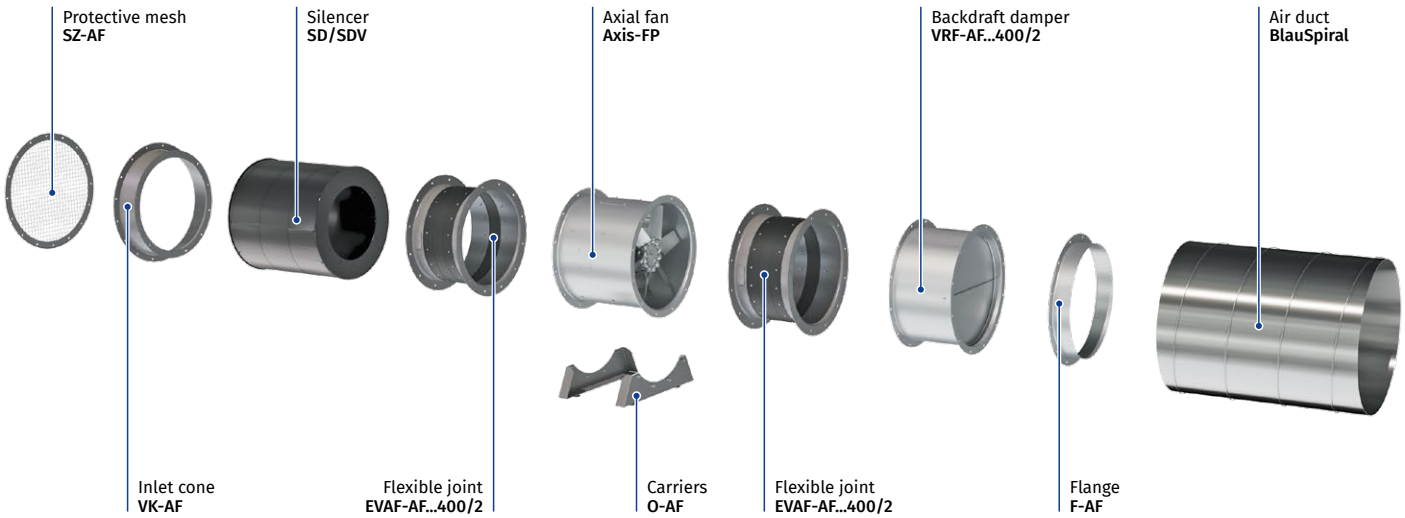
Fire resistance rating:
300/2: 300 °C, 2 hours
200/2: 200 °C, 2 hours (upon request)

Overall dimensions [mm]

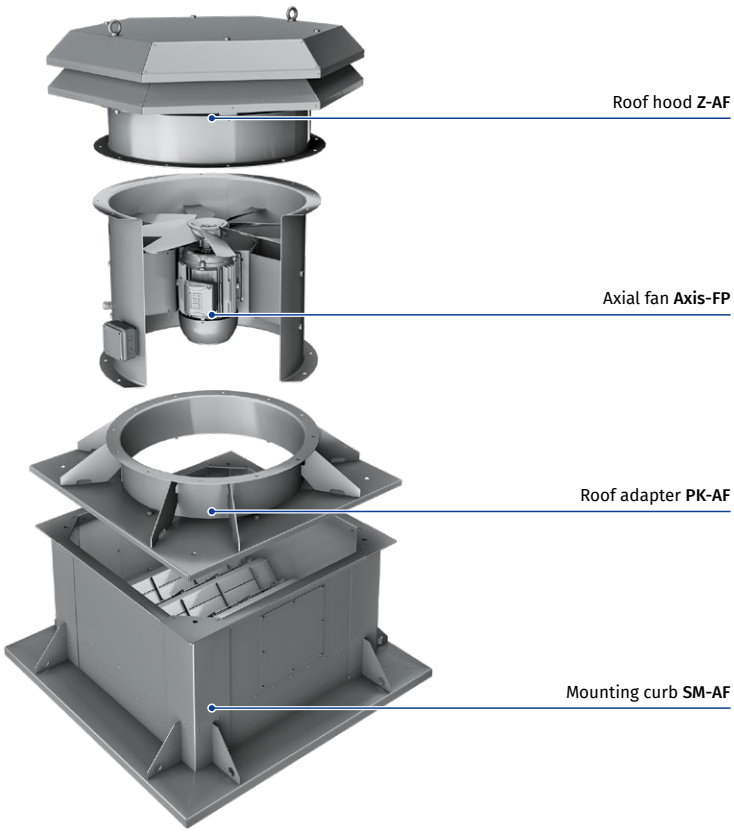
Model	Ø D	Ø D1	Ø D2	Ø d	n	W
Axis-FP 400...	400	450	490	8	12	525
Axis-FP 450...	450	500	540	8	12	580
Axis-FP 500...	500	560	600	12	12	620
Axis-FP 560...	560	620	660	12	12	680
Axis-FP 630...	630	690	730	12	12	750
Axis-FP 700...	710	770	810	12	16	845
Axis-FP 800...	800	860	900	12	16	925
Axis-FP 900...	900	970	1015	15	16	1025
Axis-FP 1000...	1000	1070	1115	15	16	1140
Axis-FP 1120...	1120	1190	1270	15	20	1280
Axis-FP 1250...	1250	1320	1400	15	20	1450



Complete solutions for axial fans



Installation example of axial fans on rooftop

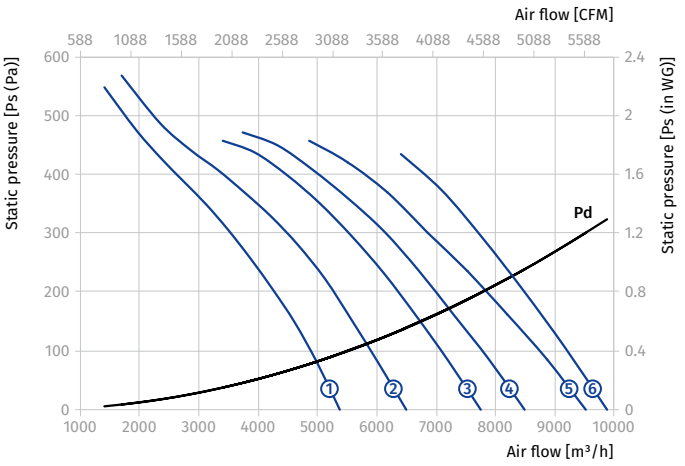


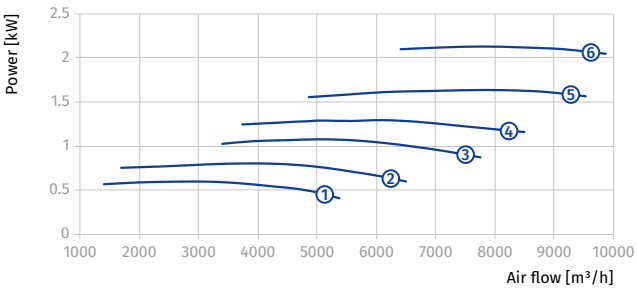
Technical data

AXIS-FP 400...300/2

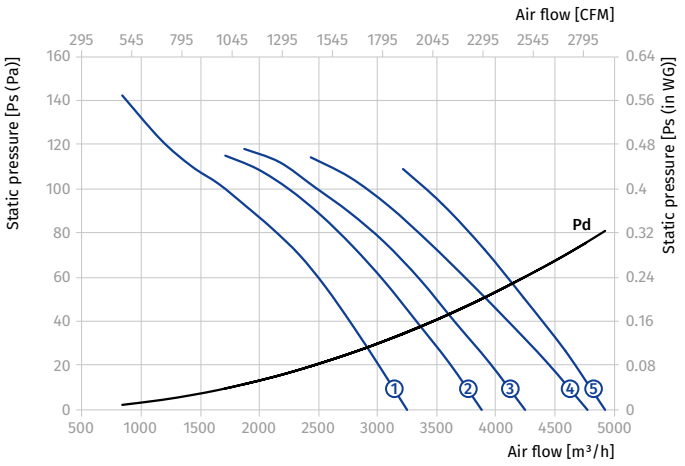
Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 400-2D...300/2										
400	2	3~400	Axis-FP 400-2D/0.55-6/25/AL	0.55	2880	6	25	23	400	①
			Axis-FP 400-2D/0.75-6/30/AL	0.75	2880	6	30	24.6	400	②
			Axis-FP 400-2D/1.1-6/35/AL	1.1	2880	6	35	28.6	400	③
			Axis-FP 400-2D/1.5-6/40/AL	1.5	2880	6	40	30.1	400	④
			Axis-FP 400-2D/1.5-6/45/AL	1.5	2880	6	45	30.1	400	⑤
			Axis-FP 400-2D/2.2-8/45/AL	2.2	2880	8	45	32.6	400	⑥
Axis-FP 400-4D...300/2										
400	4	3~400	Axis-FP 400-4D/0.55-6/30/AL	0.55	1440	6	30	24.5	400	①
			Axis-FP 400-4D/0.55-6/35/AL	0.55	1440	6	35	24.5	400	②
			Axis-FP 400-4D/0.55-6/40/AL	0.55	1440	6	40	24.5	400	③
			Axis-FP 400-4D/0.55-6/45/AL	0.55	1440	6	45	24.5	400	④
			Axis-FP 400-4D/0.55-8/45/AL	0.55	1440	8	45	25.0	400	⑤

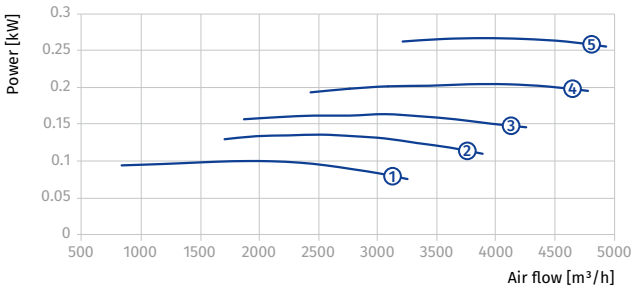
Standard size: **400**
Number of poles: **2**
Fire resistance rating: **300/2**





Standard size: **400**
Number of poles: **4**
Fire resistance rating: **300/2**

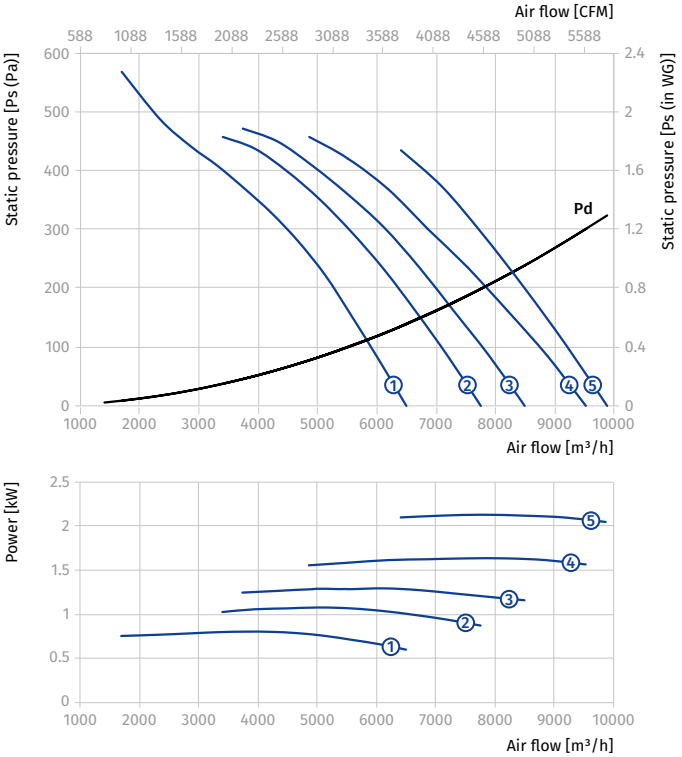




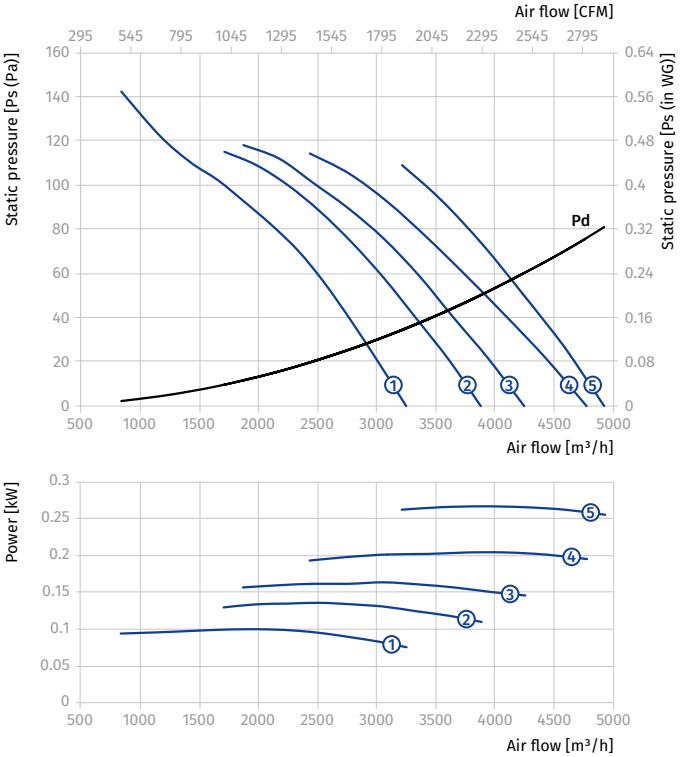
AXIS-FP 400...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 400-2/4D...300/2										
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	29.1	400	①
			Axis-FP 400-2/4D/1.1/0.25-6/35/AL	1.1/0.25	2880/1440	6	35	30.1	400	②
			Axis-FP 400-2/4D/1.5/0.37-6/40/AL	1.5/0.37	2880/1440	6	40	35.8	400	③
			Axis-FP 400-2/4D/1.5/0.37-6/45/AL	1.5/0.37	2880/1440	6	45	35.8	400	④
			Axis-FP 400-2/4D/2.2/0.5-8/45/AL	2.2/0.5	2880/1440	8	45	38	400	⑤

Standard size: **400**
Number of poles: **2**
Fire resistance rating: **300/2**



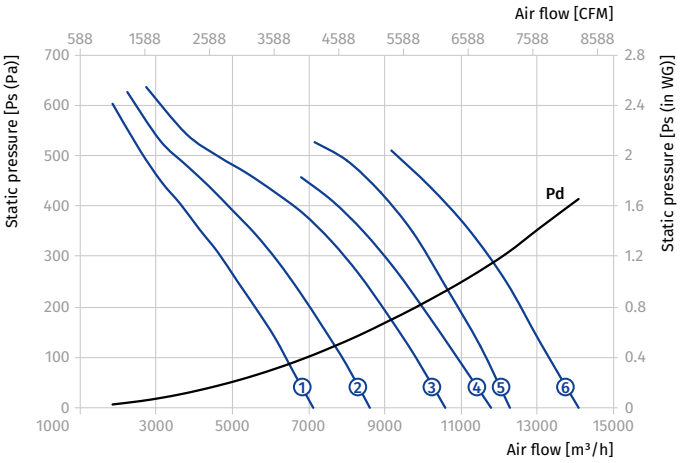
Standard size: **400**
Number of poles: **4**
Fire resistance rating: **300/2**

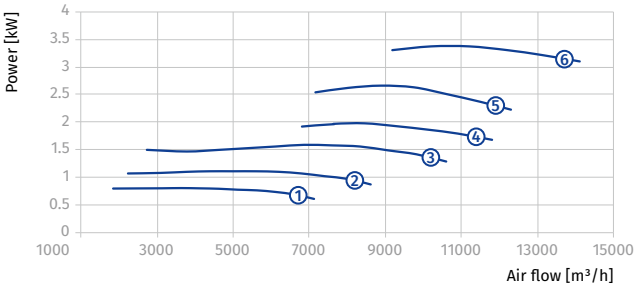


AXIS-FP 450...300/2

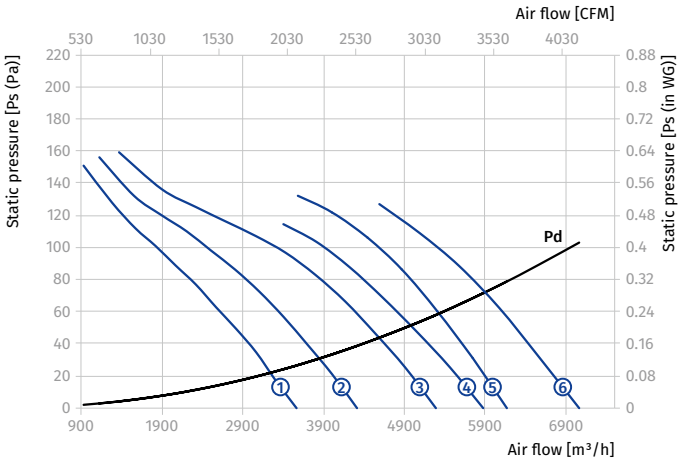
Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 450-2D...300/2										
450	2	3~400	Axis-FP 450-2D/0.75-6/25/AL	0.75	2880	6	25	26.1	400	①
			Axis-FP 450-2D/1.1-6/30/AL	1.1	2880	6	30	30.1	400	②
			Axis-FP 450-2D/1.5-6/35/AL	1.5	2880	6	35	31.6	400	③
			Axis-FP 450-2D/2.2-6/40/AL	2.2	2880	6	40	34	400	④
			Axis-FP 450-2D/3-8/40/AL	3	2880	8	40	41	400	⑤
			Axis-FP 450-2D/4-8/45/AL	4	2880	8	45	52.8	500	⑥
Axis-FP 450-4D...300/2										
450	4	3~400	Axis-FP 450-4D/0.55-6/25/AL	0.55	1440	6	25	24.6	400	①
			Axis-FP 450-4D/0.55-6/30/AL	0.55	1440	6	30	24.6	400	②
			Axis-FP 450-4D/0.55-6/35/AL	0.55	1440	6	35	24.6	400	③
			Axis-FP 450-4D/0.55-6/40/AL	0.55	1440	6	40	24.6	400	④
			Axis-FP 450-4D/0.55-8/40/AL	0.55	1440	8	40	24.6	400	⑤
			Axis-FP 450-4D/0.55-8/45/AL	0.55	1440	8	45	25	400	⑥

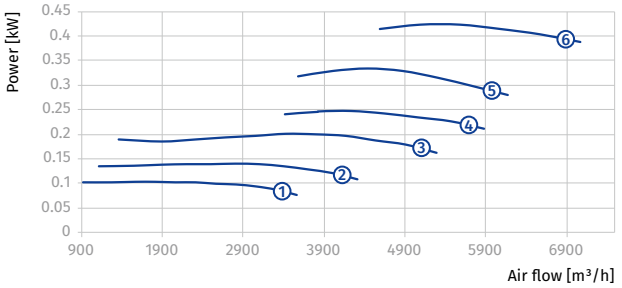
Standard size: **450**
Number of poles: **2**
Fire resistance rating: **300/2**





Standard size: **450**
Number of poles: **4**
Fire resistance rating: **300/2**

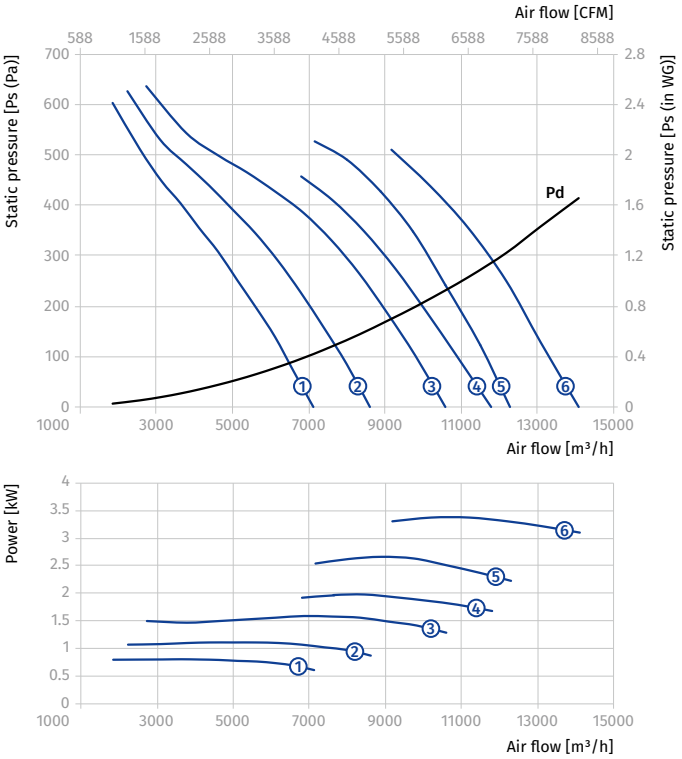




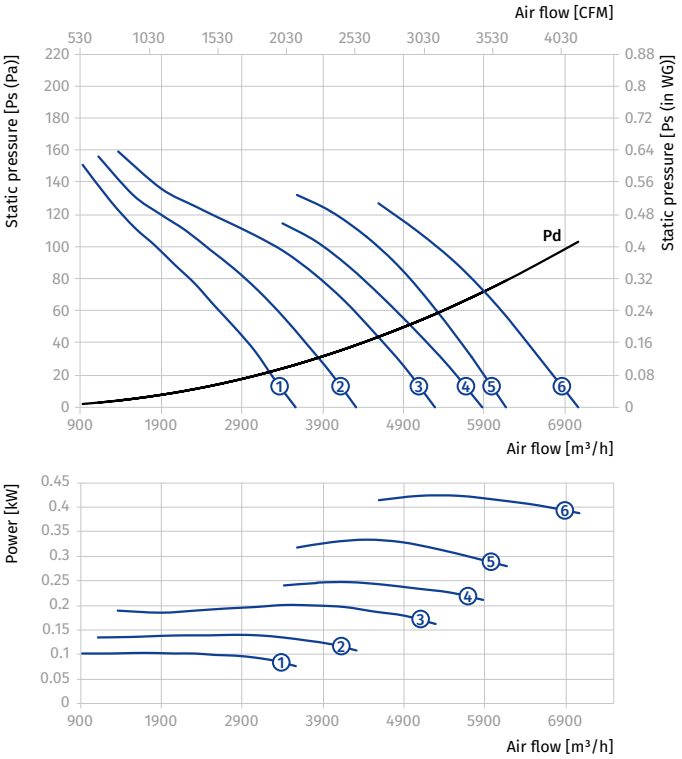
AXIS-FP 450...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 450-2/4D...300/2										
450	2/4	3~400	Axis-FP 450-2/4D/0.8/0.2-6/25/AL	0.8/0.2	2880/1440	6	25	30.6	400	①
			Axis-FP 450-2/4D/1.1/0.25-6/30/AL	1.1/0.25	2880/1440	6	30	31.6	400	②
			Axis-FP 450-2/4D/1.5/0.37-6/35/AL	1.5/0.37	2880/1440	6	35	37.3	400	③
			Axis-FP 450-2/4D/2.2/0.5-6/40/AL	2.2/0.5	2880/1440	6	40	39.3	400	④
			Axis-FP 450-2/4D/3.1/0.8-8/40/AL	3.1/0.8	2880/1440	8	40	51.9	500	⑤
			Axis-FP 450-2/4D/4.4/1.1-8/45/AL	4.4/1.1	2880/1440	8	45	63.8	500	⑥

Standard size: **450**
Number of poles: **2**
Fire resistance rating: **300/2**



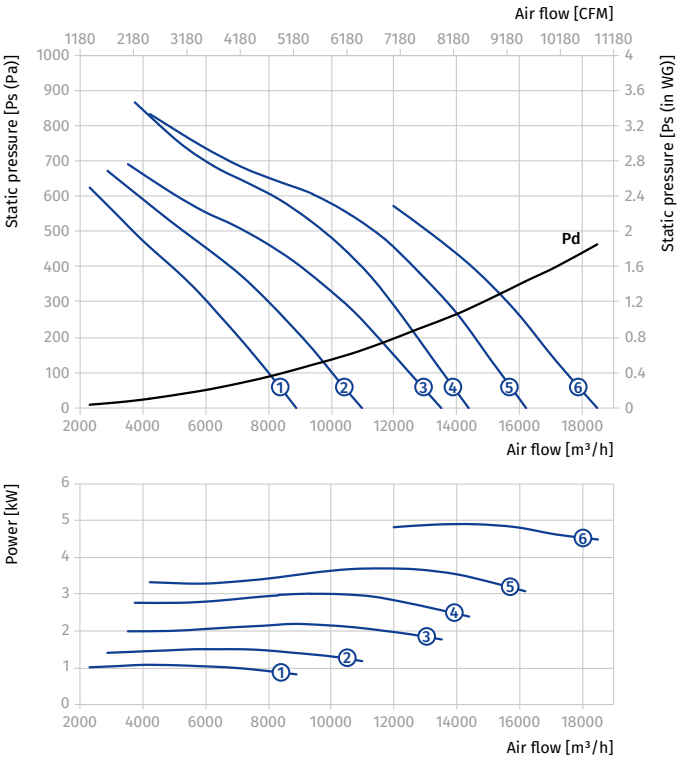
Standard size: **450**
Number of poles: **4**
Fire resistance rating: **300/2**



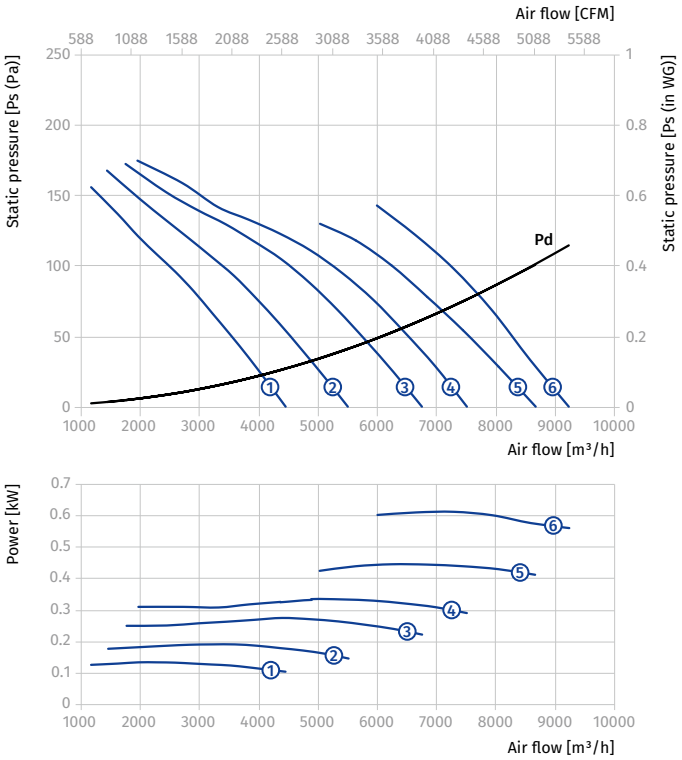
AXIS-FP 500...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 500-2D...300/2										
500	2	3~400	Axis-FP 500-2D/1.1-6/25/AL	1.1	2880	6	25	32.0	400	①
			Axis-FP 500-2D/1.5-6/30/AL	1.5	2880	6	30	33.5	400	②
			Axis-FP 500-2D/2.2-6/35/AL	2.2	2880	6	35	36.0	400	③
			Axis-FP 500-2D/3-8/35/AL	3	2880	8	35	43.0	400	④
			Axis-FP 500-2D/4-8/40/AL	4	2880	8	40	55.0	500	⑤
			Axis-FP 500-2D/5.5-8/45/AL	5.5	2880	8	45	63	500	⑥
Axis-FP 500-4D...300/2										
500	4	3~400	Axis-FP 500-4D/0.55-6/25/AL	0.55	1440	6	25	28.0	400	①
			Axis-FP 500-4D/0.55-6/30/AL	0.55	1440	6	30	28.0	400	②
			Axis-FP 500-4D/0.55-6/35/AL	0.55	1440	6	35	28.0	400	③
			Axis-FP 500-4D/0.55-6/40/AL	0.55	1440	6	40	28.0	400	④
			Axis-FP 500-4D/0.55-6/45/AL	0.55	1440	6	45	28.0	400	⑤
			Axis-FP 500-4D/0.75-8/45/AL	0.75	1440	8	45	29.5	400	⑥

Standard size: **500**
Number of poles: **2**
Fire resistance rating: **300/2**



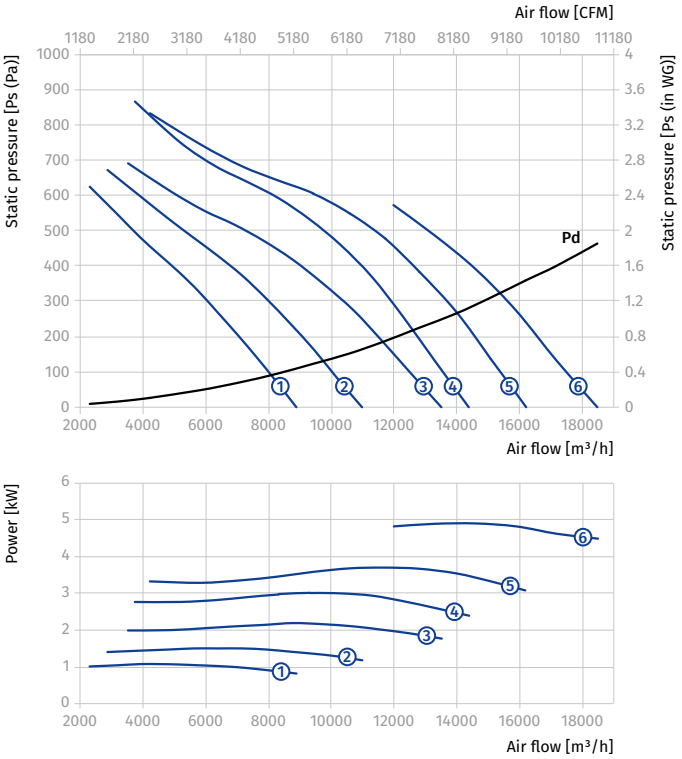
Standard size: **500**
Number of poles: **4**
Fire resistance rating: **300/2**



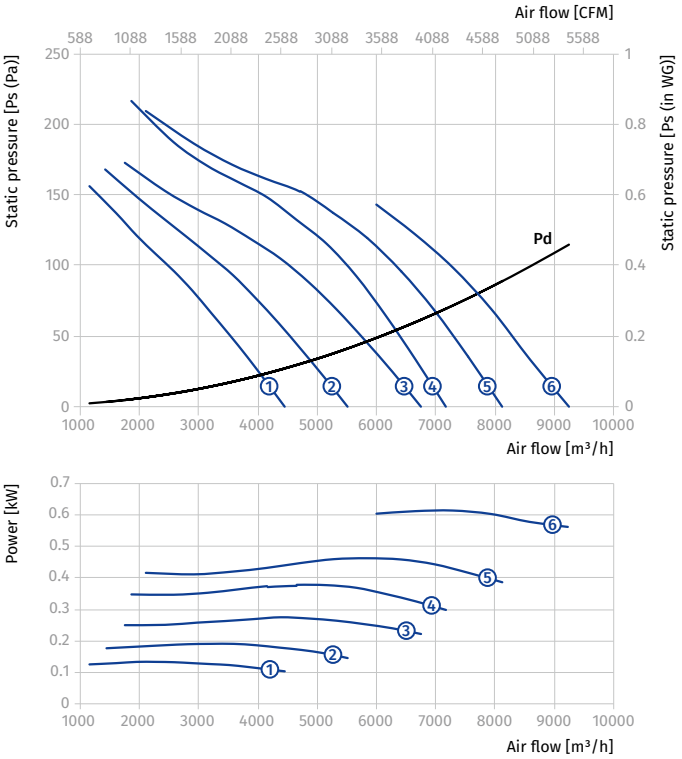
AXIS-FP 500...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 500-2/4D...300/2										
500	2/4	3~400	Axis-FP 500-2/4D/1.1/0.25-6/25/AL	1.1/0.25	2880/1440	6	25	33.5	400	①
			Axis-FP 500-2/4D/1.5/0.37-6/30/AL	1.5/0.37	2880/1440	6	30	39	400	②
			Axis-FP 500-2/4D/2.2/0.5-6/35/AL	2.2/0.5	2880/1440	6	35	41	400	③
			Axis-FP 500-2/4D/3.1/0.8-8/35/AL	3.1/0.8	2880/1440	8	35	54	500	④
			Axis-FP 500-2/4D/4.4/1.1-8/40/AL	4.4/1.1	2880/1440	8	40	66	500	⑤
			Axis-FP 500-2/4D/6/1.5-8/45/AL	6/1.5	2880/1440	8	45	85	550	⑥

Standard size: **500**
Number of poles: **2**
Fire resistance rating: **300/2**



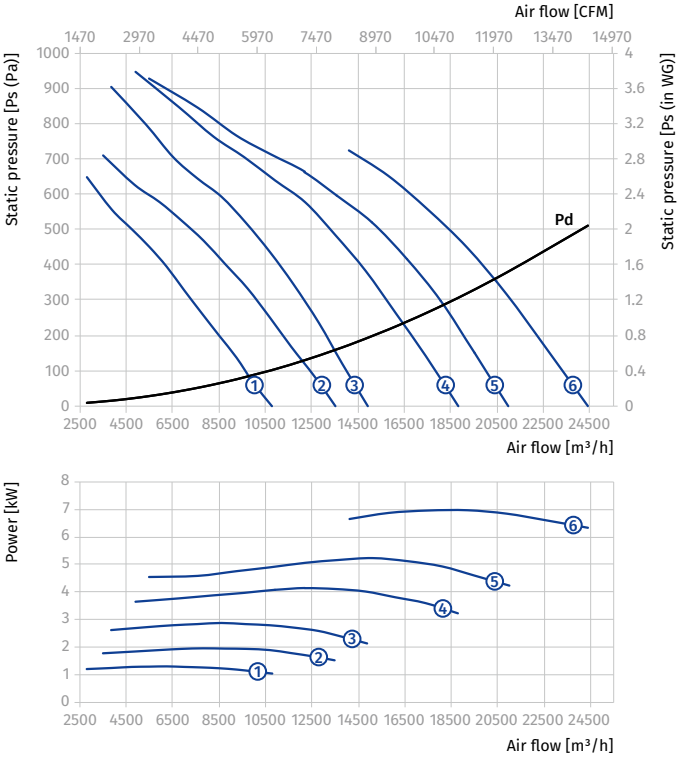
Standard size: **500**
Number of poles: **4**
Fire resistance rating: **300/2**



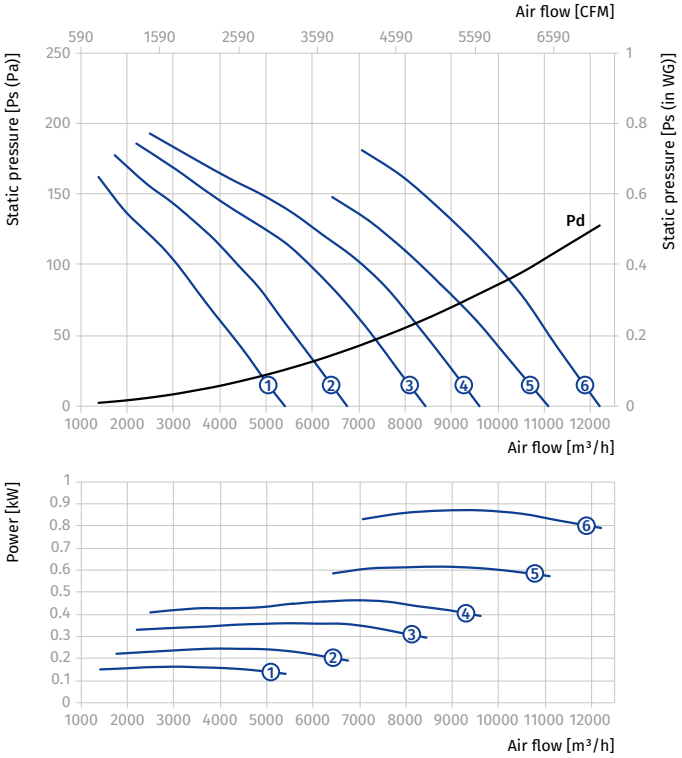
AXIS-FP 560...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 560-2D...300/2										
560	2	3~400	Axis-FP 560-2D/1.1-6/25/AL	1.1	2880	6	25	34	400	①
			Axis-FP 560-2D/1.5-6/30/AL	1.5	2880	6	30	35.5	400	②
			Axis-FP 560-2D/2.2-8/30/AL	2.2	2880	8	30	38	400	③
			Axis-FP 560-2D/4-8/35/AL	4	2880	8	35	57.5	500	④
			Axis-FP 560-2D/5.5-8/40/AL	5.5	2880	8	40	65.5	500	⑤
			Axis-FP 560-2D/7.5-8/45/AL	7.5	2880	8	45	67.5	500	⑥
Axis-FP 560-4D...300/2										
560	4	3~400	Axis-FP 560-4D/0.55-6/25/AL	0.55	1440	6	25	30	400	①
			Axis-FP 560-4D/0.55-6/30/AL	0.55	1440	6	30	30	400	②
			Axis-FP 560-4D/0.55-6/35/AL	0.55	1440	6	35	30	400	③
			Axis-FP 560-4D/0.55-6/40/AL	0.55	1440	6	40	30	400	④
			Axis-FP 560-4D/0.55-6/45/AL	0.55	1440	6	45	30	400	⑤
			Axis-FP 560-4D/0.75-8/45/AL	0.75	1440	8	45	31.5	400	⑥

Standard size: **560**
Number of poles: **2**
Fire resistance rating: **300/2**



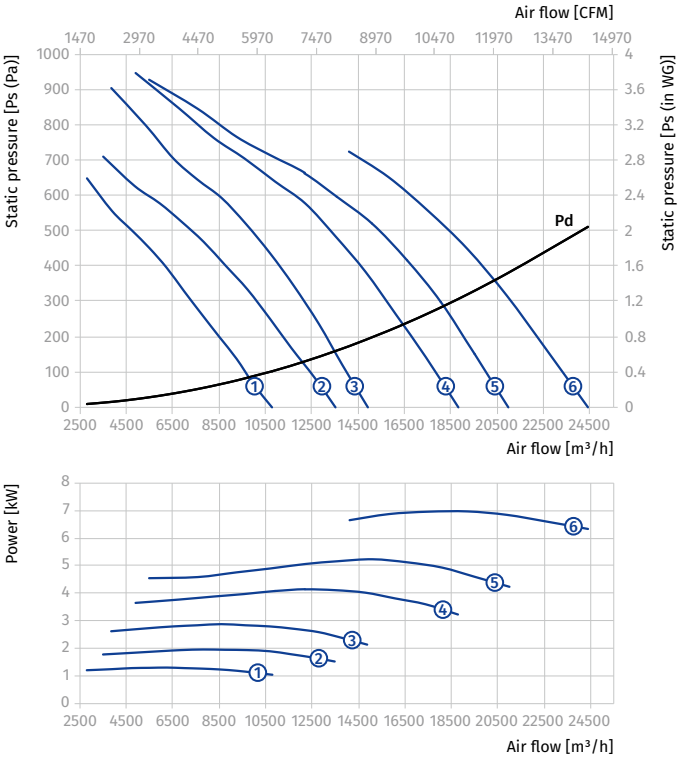
Standard size: **560**
Number of poles: **4**
Fire resistance rating: **300/2**



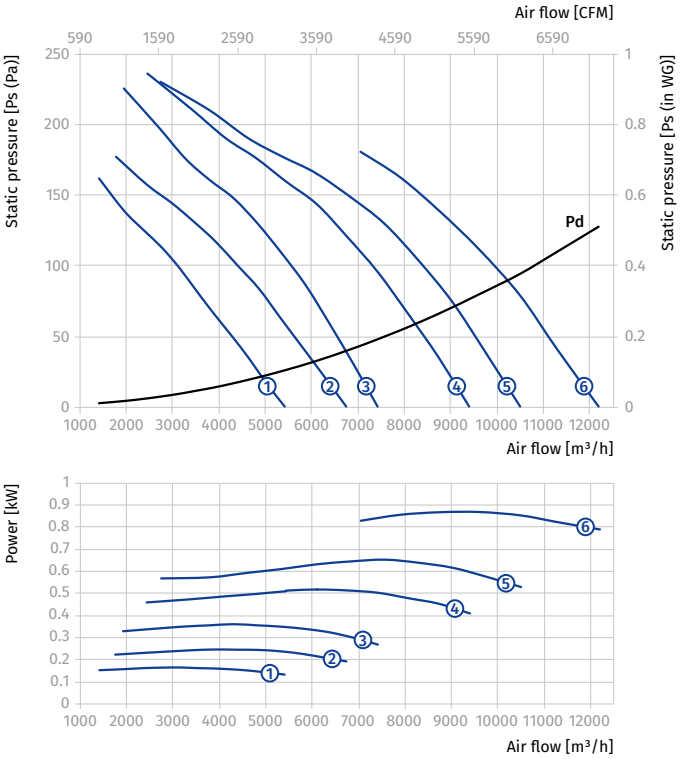
AXIS-FP 560...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 560-2/4D...300/2										
560	2/4	3~400	Axis-FP 560-2/4D/1.1/0.25-6/25/AL	1.1/0.25	2880/1440	6	25	35.5	400	①
			Axis-FP 560-2/4D/1.5/0.37-6/30/AL	1.5/0.37	2880/1440	6	30	41	400	②
			Axis-FP 560-2/4D/2.2/0.5-8/30/AL	2.2/0.5	2880/1440	8	30	43.5	400	③
			Axis-FP 560-2/4D/4.4/1.1-8/35/AL	4.4/1.1	2880/1440	8	35	68.5	500	④
			Axis-FP 560-2/4D/6/1.5-8/40/AL	6/1.5	2880/1440	8	40	96.5	550	⑤
			Axis-FP 560-2/4D/8/2-8/45/AL	8/2	2880/1440	8	45	105.5	550	⑥

Standard size: **560**
Number of poles: **2**
Fire resistance rating: **300/2**



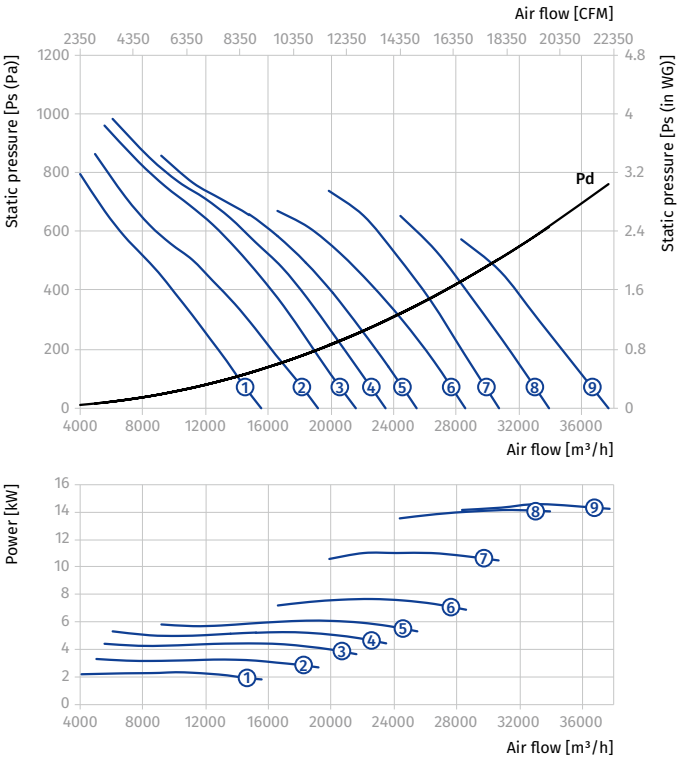
Standard size: **560**
Number of poles: **4**
Fire resistance rating: **300/2**



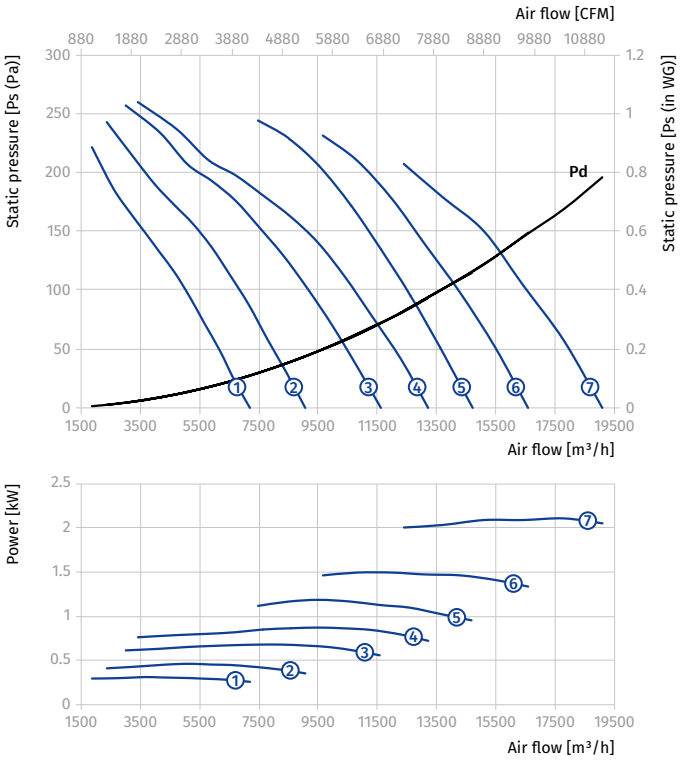
AXIS-FP 630...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 630-2D...300/2										
630	2	3~400	Axis-FP 630-2D/2.2-6/25/AL	2.2	2880	6	25	41.5	400	①
			Axis-FP 630-2D/3-6/30/AL	3	2880	6	30	48	400	②
			Axis-FP 630-2D/4-7/32.5/AL	4	2880	7	32.5	61.5	500	③
			Axis-FP 630-2D/5.5-7/35/AL	5.5	2880	7	35	70	500	④
			Axis-FP 630-2D/5.5-7/37.5/AL	5.5	2880	7	37.5	70	500	⑤
			Axis-FP 630-2D/7.5-7/41.5/AL	7.5	2880	7	41.5	71.5	500	⑥
			Axis-FP 630-2D/11-8/41.5/AL	11	2880	8	41.5	119.5	550	⑦
			Axis-FP 630-2D/15-8/46.5/AL	15	2880	8	46.5	167	700	⑧
			Axis-FP 630-2D/15-9/48.5/AL	15	2880	9	48.5	166	700	⑨
Axis-FP 630-4D...300/2										
630	4	3~400	Axis-FP 630-4D/0.55-8/25/AL	0.55	1440	8	25	31.5	400	①
			Axis-FP 630-4D/0.55-8/30/AL	0.55	1440	8	30	31.5	400	②
			Axis-FP 630-4D/0.75-8/35/AL	0.75	1440	8	35	32.5	400	③
			Axis-FP 630-4D/1.1-8/40/AL	1.1	1440	8	40	36.5	400	④
			Axis-FP 630-4D/1.1-6/32.5/AL	1.1	1440	6	32.5	38.5	400	⑤
			Axis-FP 630-4D/1.5-6/37.5/AL	1.5	1440	6	37.5	42.5	400	⑥
			Axis-FP 630-4D/2.2-6/45/AL	2.2	1440	6	45	48.5	400	⑦

Standard size: **630**
Number of poles: **2**
Fire resistance rating: **300/2**



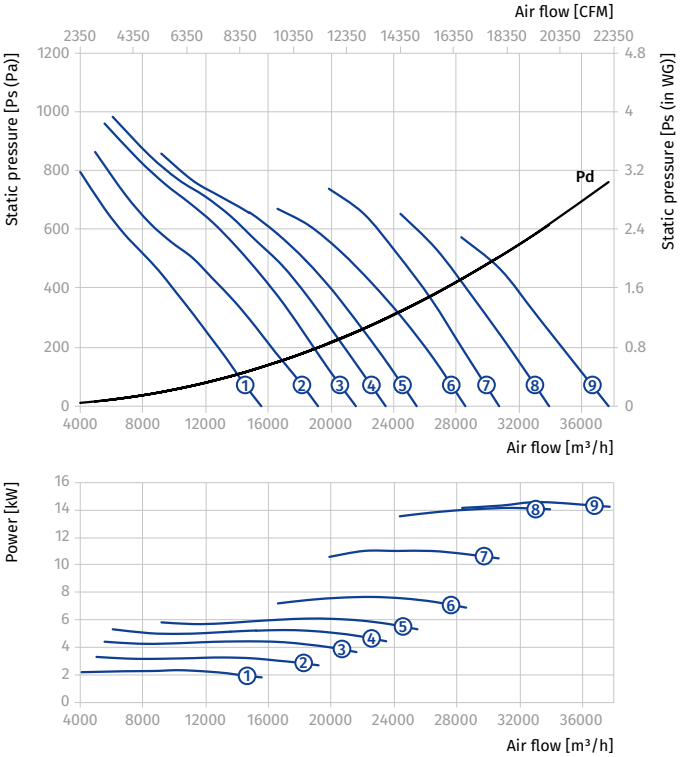
Standard size: **630**
Number of poles: **4**
Fire resistance rating: **300/2**



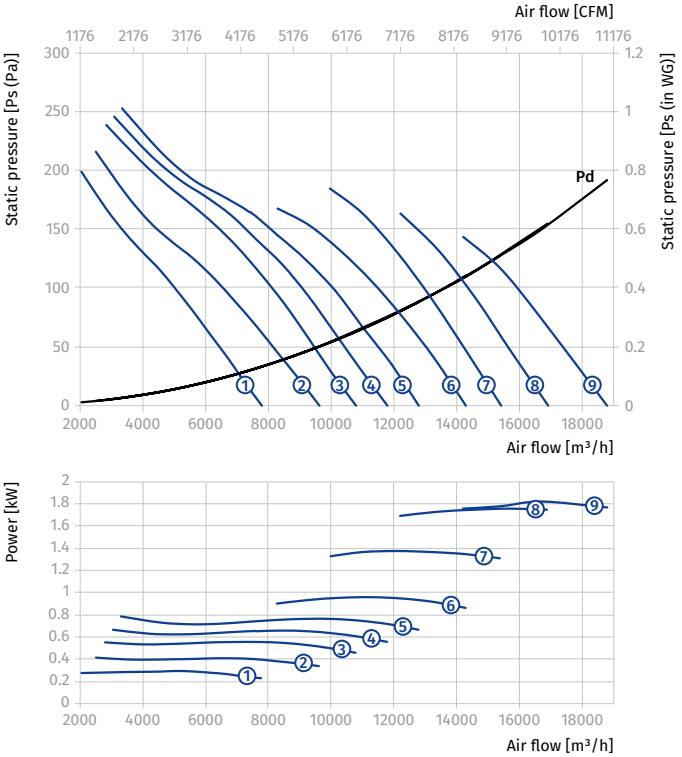
AXIS-FP 630...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 630-2/4D...300/2										
630	2/4	3~400	Axis-FP 630-2/4D/2.2/0.5-6/25/AL	2.2/0.5	2880/1440	6	25	46.5	400	①
			Axis-FP 630-2/4D/3.1/0.8-6/30/AL	3.1/0.8	2880/1440	6	30	60	500	②
			Axis-FP 630-2/4D/4.4/1.1-7/32.5/AL	4.4/1.1	2880/1440	7	32.5	72.5	500	③
			Axis-FP 630-2/4D/6/1.5-7/35/AL	6/1.5	2880/1440	7	35	102	550	④
			Axis-FP 630-2/4D/6/1.5-7/37.5/AL	6/1.5	2880/1440	7	37.5	102	550	⑤
			Axis-FP 630-2/4D/8/2-7/41.5/AL	8/2	2880/1440	7	41.5	111	550	⑥
			Axis-FP 630-2/4D/12/3-8/41.5/AL	12/3	2880/1440	8	41.5	177	700	⑦
			Axis-FP 630-2/4D/16/4-8/46.5/AL	16/4	2880/1440	8	46.5	194	700	⑧
			Axis-FP 630-2/4D/16/4-9/48.5/AL	16/4	2880/1440	9	48.5	195	700	⑨

Standard size: **630**
Number of poles: **2**
Fire resistance rating: **300/2**



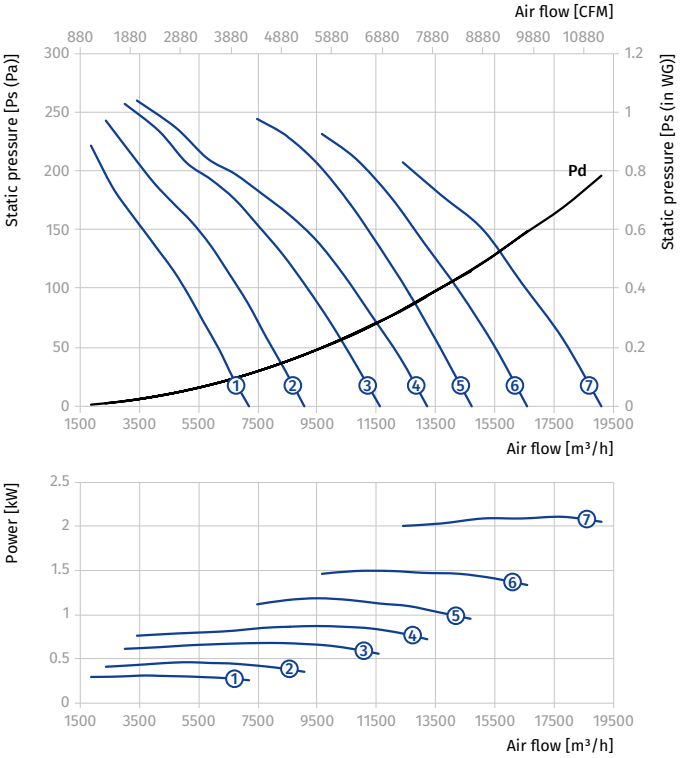
Standard size: **630**
Number of poles: **4**
Fire resistance rating: **300/2**



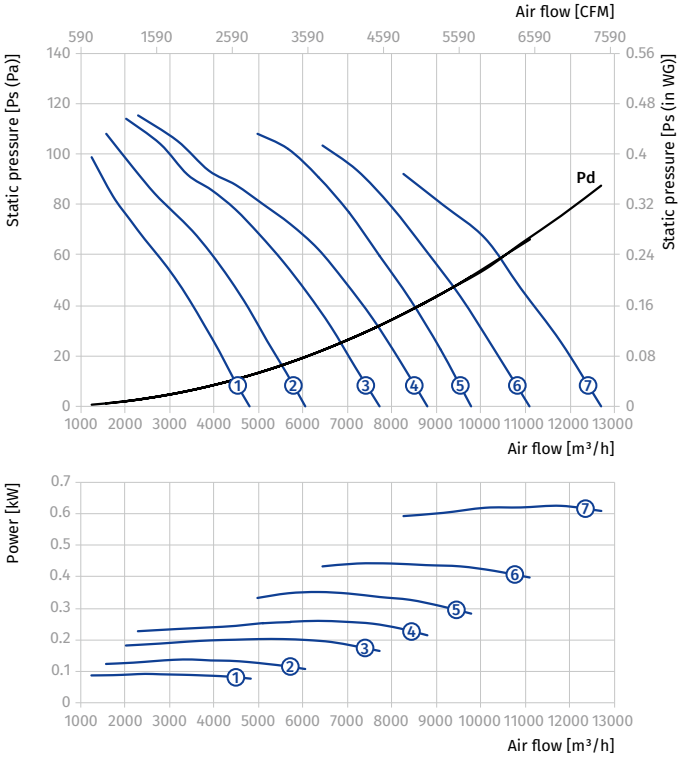
AXIS-FP 630...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 630-4/6D...300/2										
630	4/6	3~400	Axis-FP 630-4/6D/0.55/0.2-8/25/AL	0.55/0.2	1440/960	8	25	34	400	①
			Axis-FP 630-4/6D/0.55/0.2-8/30/AL	0.55/0.2	1440/960	8	30	34	400	②
			Axis-FP 630-4/6D/0.75/0.25-8/35/AL	0.75/0.25	1440/960	8	35	34	400	③
			Axis-FP 630-4/6D/1.1/0.3-8/40/AL	1.1/0.3	1440/960	8	40	39.5	400	④
			Axis-FP 630-4/6D/1.1/0.3-6/32.5/AL	1.1/0.3	1440/960	6	32.5	42	400	⑤
			Axis-FP 630-4/6D/1.5/0.37-6/37.5/AL	1.5/0.37	1440/960	6	37.5	46	400	⑥
			Axis-FP 630-4/6D/2.2/0.7-6/45/AL	2.2/0.7	1440/960	6	45	57	500	⑦

Standard size: **630**
Number of poles: **4**
Fire resistance rating: **300/2**



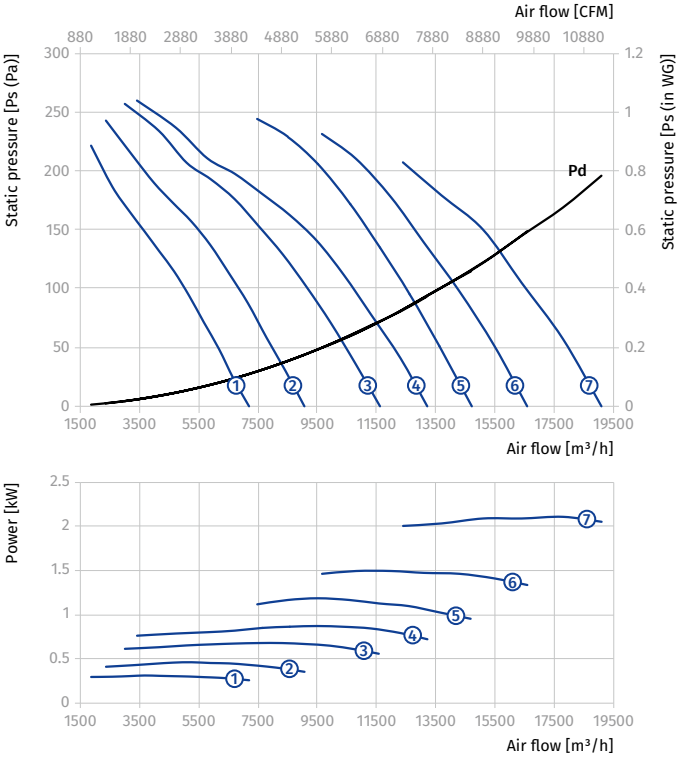
Standard size: **630**
Number of poles: **6**
Fire resistance rating: **300/2**



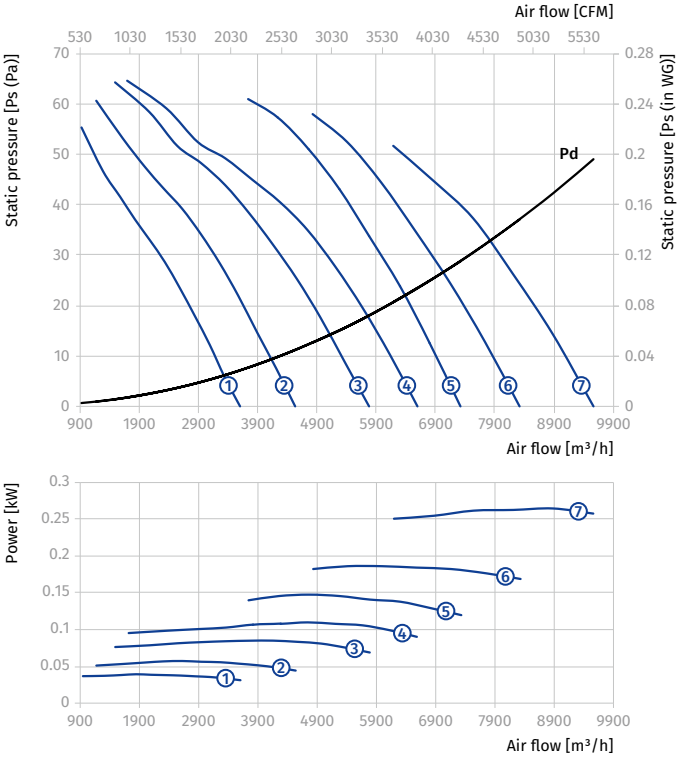
AXIS-FP 630...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 630-4/8D...300/2										
630	4/8	3~400	Axis-FP 630-4/8D/0.6/0.15-8/25/AL	0.6/0.15	1440/720	8	25	38	400	①
			Axis-FP 630-4/8D/0.6/0.15-8/30/AL	0.6/0.15	1440/720	8	30	38	400	②
			Axis-FP 630-4/8D/0.8/0.2-8/35/AL	0.8/0.2	1440/720	8	35	38	400	③
			Axis-FP 630-4/8D/1.2/0.3-8/40/AL	1.2/0.3	1440/720	8	40	43.5	400	④
			Axis-FP 630-4/8D/1.2/0.3-6/32.5/AL	1.2/0.3	1440/720	6	32.5	46	400	⑤
			Axis-FP 630-4/8D/1.6/0.4-6/37.5/AL	1.6/0.4	1440/720	6	37.5	49	400	⑥
			Axis-FP 630-4/8D/2.2/0.55-6/45/AL	2.2/0.55	1440/720	6	45	60	500	⑦

Standard size: **630**
Number of poles: **4**
Fire resistance rating: **300/2**



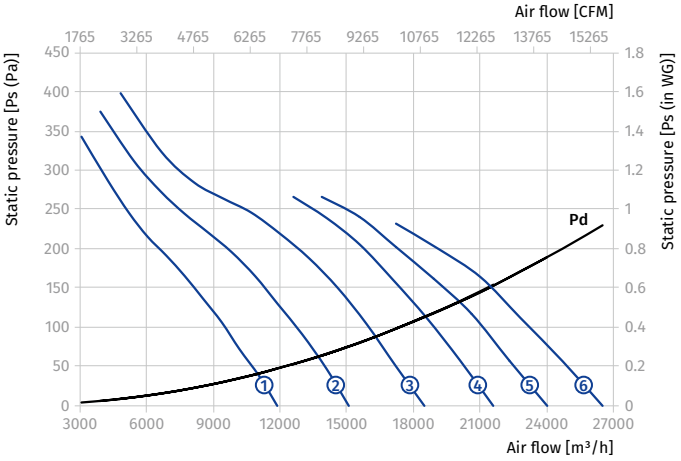
Standard size: **630**
Number of poles: **8**
Fire resistance rating: **300/2**

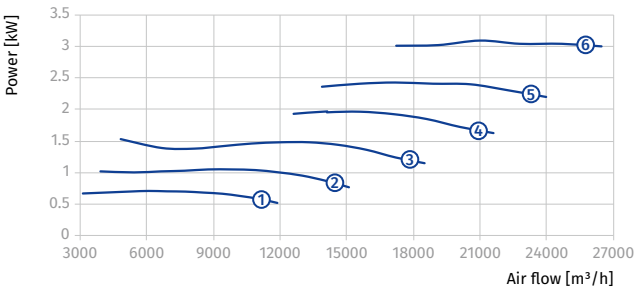


AXIS-FP 710...300/2

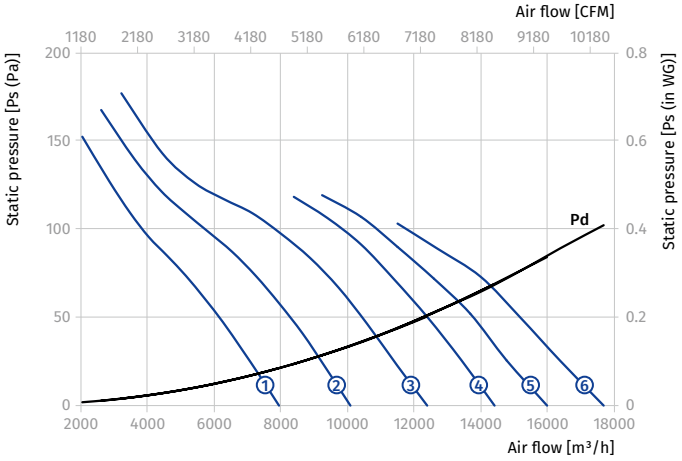
Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 710-4D...300/2										
710	4	3~400	Axis-FP 710-4D/0.75-6/20/AL	0.75	1440	6	20	47.5	400	①
			Axis-FP 710-4D/1.1-6/25/AL	1.1	1440	6	25	51.5	400	②
			Axis-FP 710-4D/1.5-6/30/AL	1.5	1440	6	30	55	400	③
			Axis-FP 710-4D/2.2-6/35/AL	2.2	1440	6	35	61	400	④
			Axis-FP 710-4D/2.2-6/40/AL	2.2	1440	6	40	61	400	⑤
			Axis-FP 710-4D/3-6/45/AL	3	1440	6	45	75	500	⑥
Axis-FP 710-6D...300/2										
710	6	3~400	Axis-FP 710-6D/0.25-6/20/AL	0.25	960	6	20	45.5	400	①
			Axis-FP 710-6D/0.25-6/25/AL	0.25	960	6	25	45.5	400	②
			Axis-FP 710-6D/0.37-6/30/AL	0.37	960	6	30	49.5	400	③
			Axis-FP 710-6D/0.55-6/35/AL	0.55	960	6	35	53	400	④
			Axis-FP 710-6D/0.75-6/40/AL	0.75	960	6	40	56	400	⑤
			Axis-FP 710-6D/1.1-6/45/AL	1.1	960	6	45	60	400	⑥

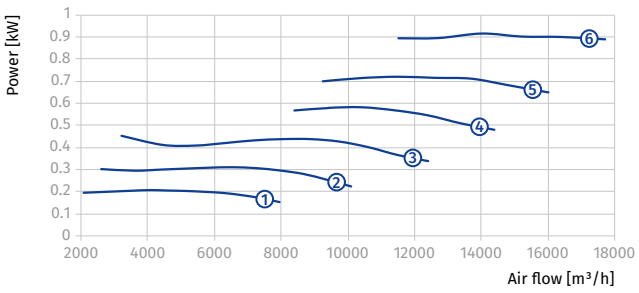
Standard size: **710**
Number of poles: **4**
Fire resistance rating: **300/2**





Standard size: **710**
Number of poles: **6**
Fire resistance rating: **300/2**

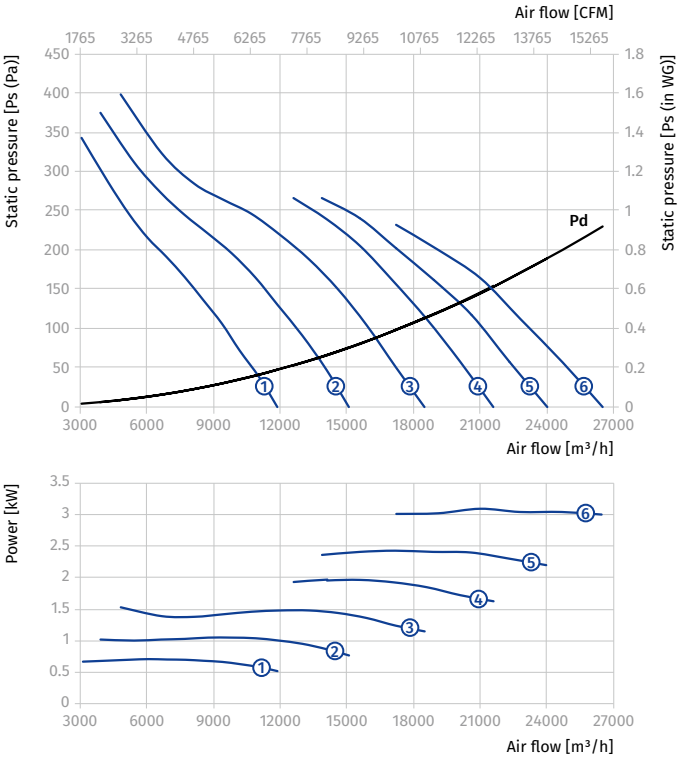




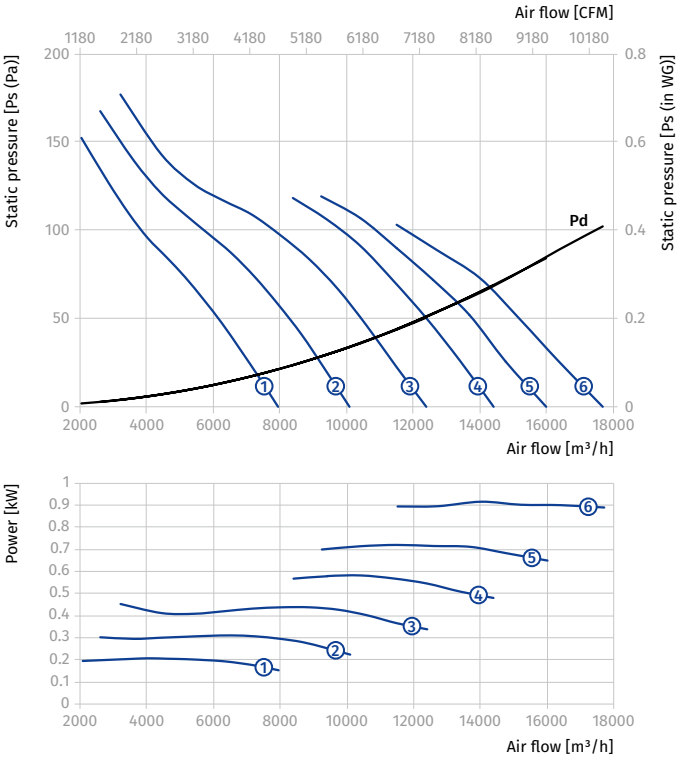
AXIS-FP 710...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 710-4/6D...300/2										
710	4/6	3~400	Axis-FP 710-4/6D/0.75/0.25-6/20/AL	0.75/0.25	1440/960	6	20	49	400	①
			Axis-FP 710-4/6D/1.1/0.3-6/25/AL	1.1/0.3	1440/960	6	25	54	400	②
			Axis-FP 710-4/6D/1.5/0.37-6/30/AL	1.5/0.37	1440/960	6	30	58	400	③
			Axis-FP 710-4/6D/2.2/0.7-6/35/AL	2.2/0.7	1440/960	6	35	72	500	④
			Axis-FP 710-4/6D/2.2/0.7-6/40/AL	2.2/0.7	1440/960	6	40	72	500	⑤
			Axis-FP 710-4/6D/3/1-6/45/AL	3/1	1440/960	6	45	81	500	⑥

Standard size: **710**
Number of poles: **4**
Fire resistance rating: **300/2**



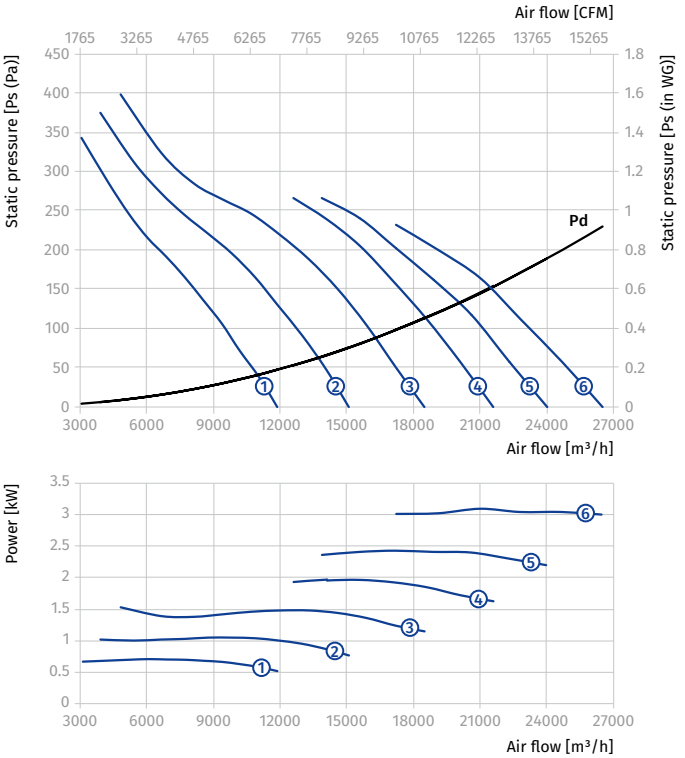
Standard size: **710**
Number of poles: **6**
Fire resistance rating: **300/2**



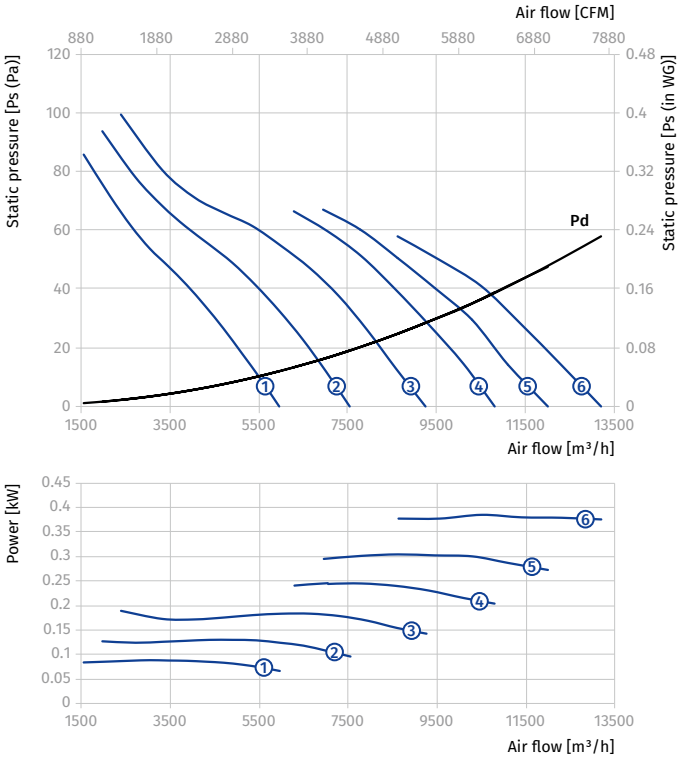
AXIS-FP 710...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 710-4/8D...300/2										
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	52	400	①
			Axis-FP 710-4/8D/1.2/0.3-6/25/AL	1.2/0.3	1440/720	6	25	58	400	②
			Axis-FP 710-4/8D/1.6/0.4-6/30/AL	1.6/0.4	1440/720	6	30	61	400	③
			Axis-FP 710-4/8D/2.2/0.55-6/35/AL	2.2/0.55	1440/720	6	35	75	500	④
			Axis-FP 710-4/8D/2.2/0.55-6/40/AL	2.2/0.55	1440/720	6	40	75	500	⑤
			Axis-FP 710-4/8D/2.8/0.7-6/45/AL	2.8/0.7	1440/720	6	45	78	500	⑥

Standard size: **710**
Number of poles: **4**
Fire resistance rating: **300/2**



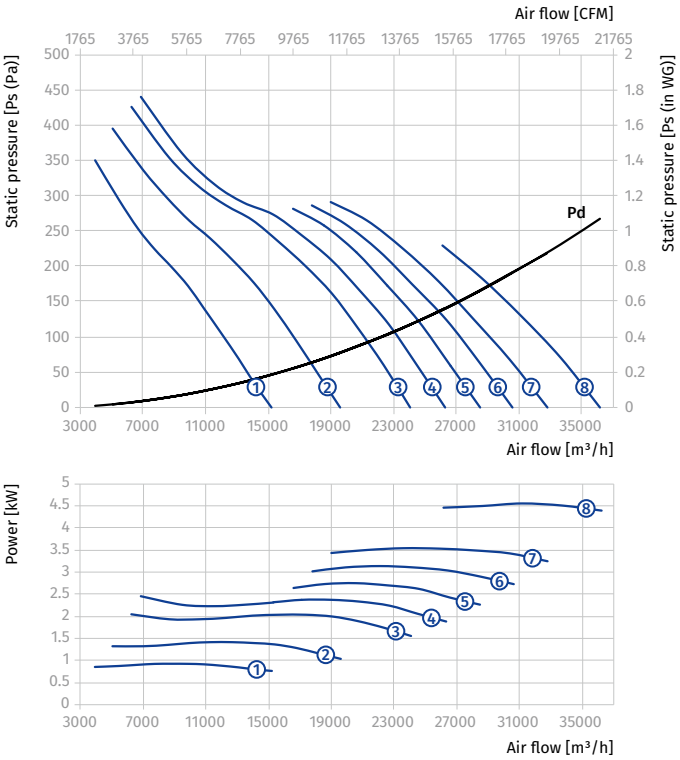
Standard size: **710**
Number of poles: **8**
Fire resistance rating: **300/2**



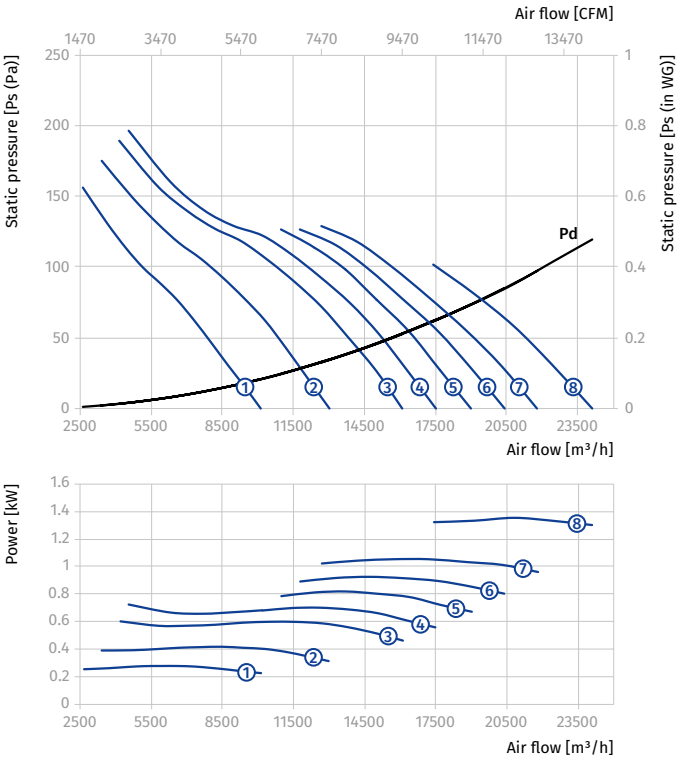
AXIS-FP 800...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 800-4D...300/2										
800	4	3~400	Axis-FP 800-4D/1.1-6/20/AL	1.1	1440	6	20	59.5	400	①
			Axis-FP 800-4D/1.5-6/25/AL	1.5	1440	6	25	65.5	400	②
			Axis-FP 800-4D/2.2-6/30/AL	2.2	1440	6	30	65.5	400	③
			Axis-FP 800-4D/3-6/32.5/AL	3	1440	6	32.5	80	500	④
			Axis-FP 800-4D/3-6/35/AL	3	1440	6	35	80	500	⑤
			Axis-FP 800-4D/4-6/37.5/AL	4	1440	6	37.5	85	500	⑥
			Axis-FP 800-4D/4-6/40/AL	4	1440	6	40	85	500	⑦
			Axis-FP 800-4D/5.5-6/45/AL	5.5	1440	6	45	104	550	⑧
Axis-FP 800-6D...300/2										
800	6	3~400	Axis-FP 800-6D/0.37-6/20/AL	0.37	960	6	20	53.5	400	①
			Axis-FP 800-6D/0.55-6/25/AL	0.55	960	6	25	56.5	400	②
			Axis-FP 800-6D/0.75-6/30/AL	0.75	960	6	30	60.5	400	③
			Axis-FP 800-6D/0.75-6/32.5/AL	0.75	960	6	32.5	60.5	400	④
			Axis-FP 800-6D/1.1-6/35/AL	1.1	960	6	35	64.5	400	⑤
			Axis-FP 800-6D/1.1-6/37.5/AL	1.1	960	6	37.5	64.5	400	⑥
			Axis-FP 800-6D/1.1-6/40/AL	1.1	960	6	40	64.5	400	⑦
			Axis-FP 800-6D/1.5-6/45/AL	1.5	960	6	45	77	500	⑧

Standard size: **800**
Number of poles: **4**
Fire resistance rating: **300/2**



Standard size: **800**
Number of poles: **6**
Fire resistance rating: **300/2**

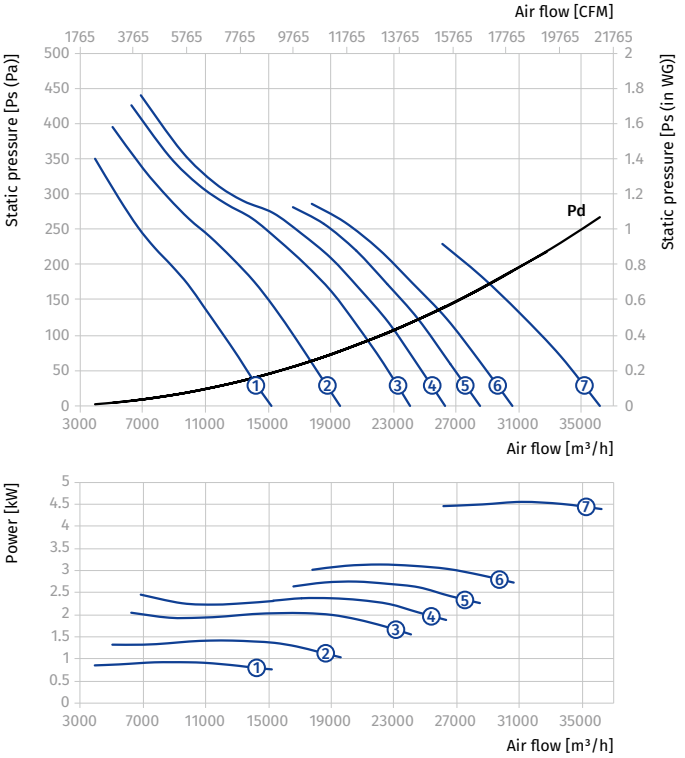


AXIAL SMOKE EXTRACTION FANS

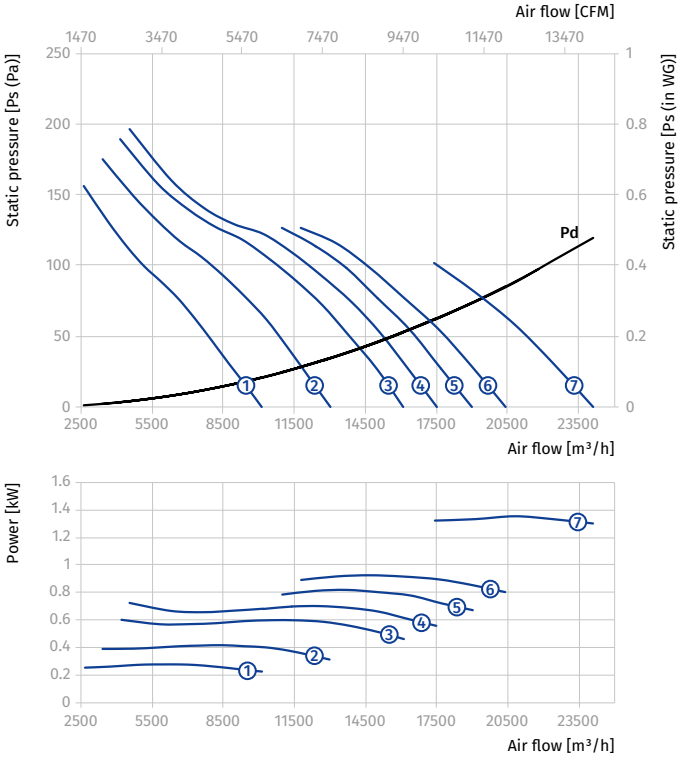
AXIS-FP 800...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 800-4/6D...300/2										
800	4/6	3~400	Axis-FP 800-4/6D/1.1/0.3-6/20/AL	1.1/0.3	1440/960	6	20	58.5	400	①
			Axis-FP 800-4/6D/1.5/0.37-6/25/AL	1.5/0.37	1440/960	6	25	62.5	400	②
			Axis-FP 800-4/6D/2.2/0.7-6/30/AL	2.2/0.7	1440/960	6	30	77	500	③
			Axis-FP 800-4/6D/2.2/0.7-6/32.5/AL	2.2/0.7	1440/960	6	32.5	77	500	④
			Axis-FP 800-4/6D/3/1-6/35/AL	3/1	1440/960	6	35	88	500	⑤
			Axis-FP 800-4/6D/3/1-6/37.5/AL	3/1	1440/960	6	37.5	88	500	⑥
			Axis-FP 800-4/6D/4.5/1.5-6/45/AL	4.5/1.5	1440/960	6	45	125	550	⑦

Standard size: **800**
Number of poles: **4**
Fire resistance rating: **300/2**



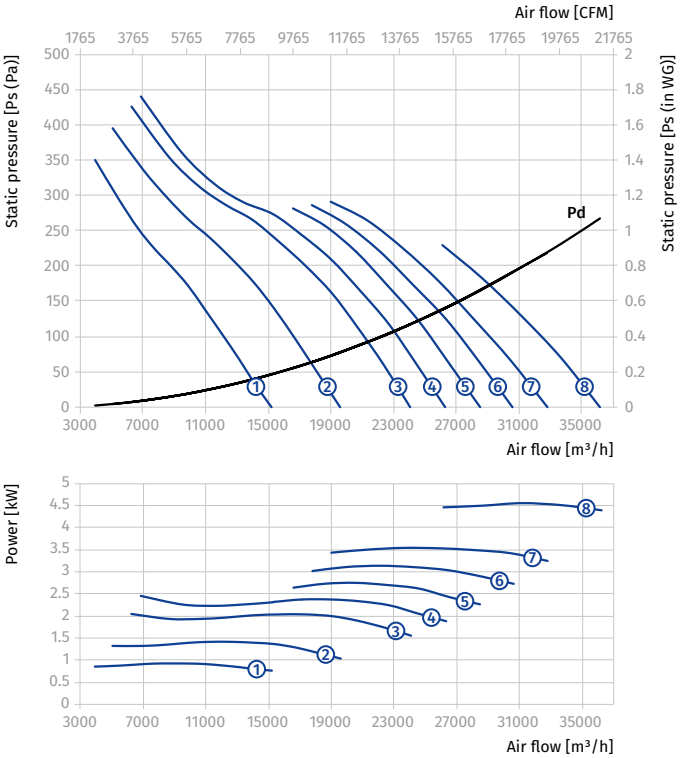
Standard size: **800**
Number of poles: **6**
Fire resistance rating: **300/2**



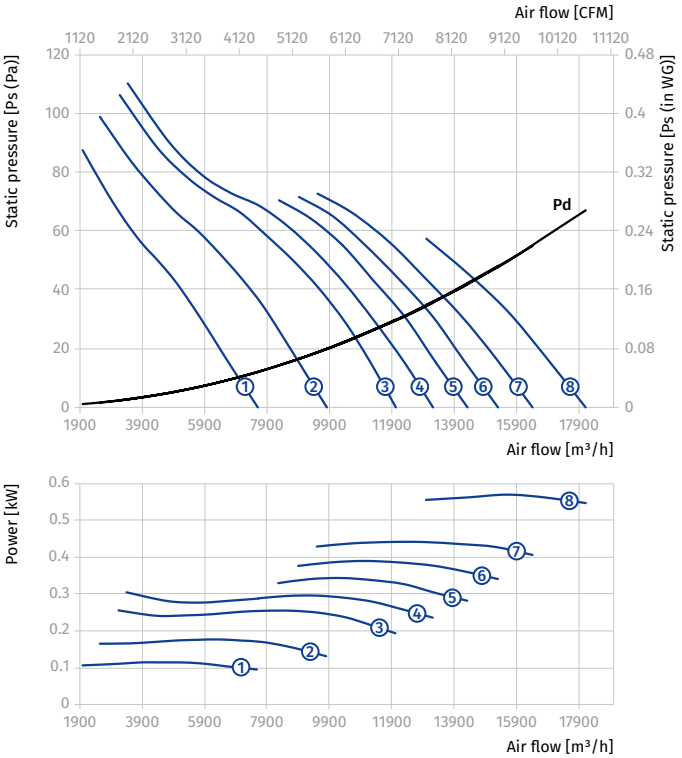
AXIS-FP 800...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 800-4/8D...300/2										
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	62.5	400	①
			Axis-FP 800-4/8D/1.6/0.4-6/25/AL	1.6/0.4	1440/720	6	25	65.5	400	②
			Axis-FP 800-4/8D/2.2/0.55-6/30/AL	2.2/0.55	1440/720	6	30	80	500	③
			Axis-FP 800-4/8D/2.8/0.7-6/32.5/AL	2.8/0.7	1440/720	6	32.5	83	500	④
			Axis-FP 800-4/8D/2.8/0.7-6/35/AL	2.8/0.7	1440/720	6	35	83	500	⑤
			Axis-FP 800-4/8D/3.8/1-6/37.5/AL	3.8/1	1440/720	6	37.5	95	500	⑥
			Axis-FP 800-4/8D/3.8/1-6/40/AL	3.8/1	1440/720	6	40	95	500	⑦
			Axis-FP 800-4/8D/5/1.3-6/45/AL	5/1.3	1440/720	6	45	125	550	⑧

Standard size: **800**
Number of poles: **4**
Fire resistance rating: **300/2**



Standard size: **800**
Number of poles: **8**
Fire resistance rating: **300/2**

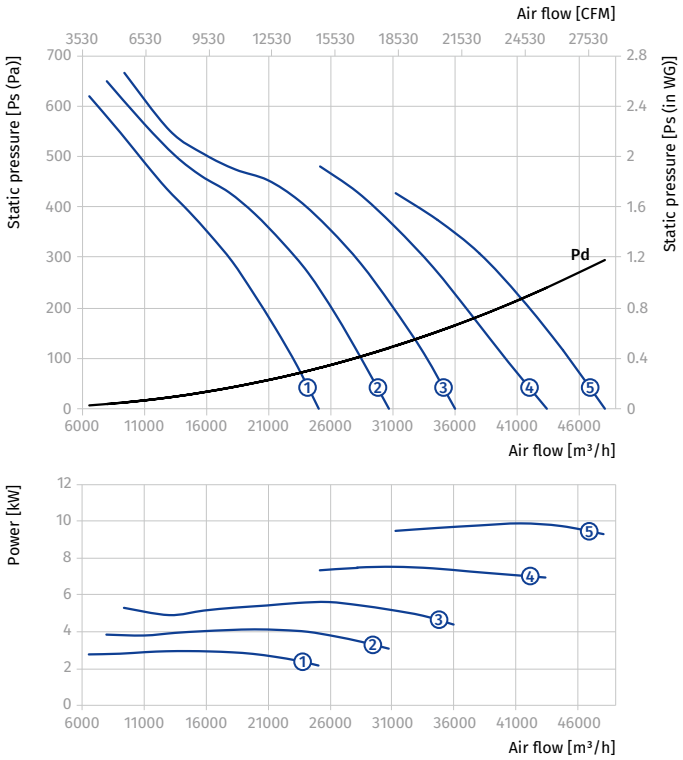


AXIAL SMOKE EXTRACTION FANS

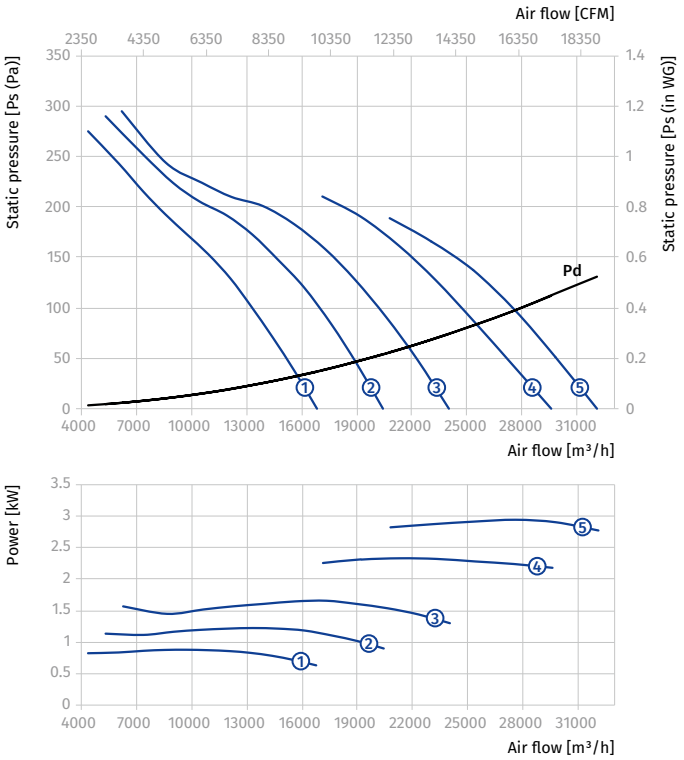
AXIS-FP 900...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 900-4D...300/2										
900	4	3~400	Axis-FP 900-4D/3-8/23.5/AL	3	1440	8	23.5	92	550	①
			Axis-FP 900-4D/4-8/28.5/AL	4	1440	8	28.5	97	550	②
			Axis-FP 900-4D/5.5-8/33.5/AL	5.5	1440	8	33.5	132.5	600	③
			Axis-FP 900-4D/7.5-8/40/AL	7.5	1440	8	40	150	600	④
			Axis-FP 900-4D/11-8/45/AL	11	1440	8	45	168.5	600	⑤
Axis-FP 900-6D...300/2										
900	6	3~400	Axis-FP 900-6D/0.75-8/23.5/AL	0.75	960	8	23.5	71.5	450	①
			Axis-FP 900-6D/1.1-8/28.5/AL	1.1	960	8	28.5	75.5	450	②
			Axis-FP 900-6D/1.5-8/33.5/AL	1.5	960	8	33.5	89	550	③
			Axis-FP 900-6D/2.2-8/41/AL	2.2	960	8	41	101	550	④
			Axis-FP 900-6D/3-8/45/AL	3	960	8	45	104.5	600	⑤

Standard size: **900**
Number of poles: **4**
Fire resistance rating: **300/2**



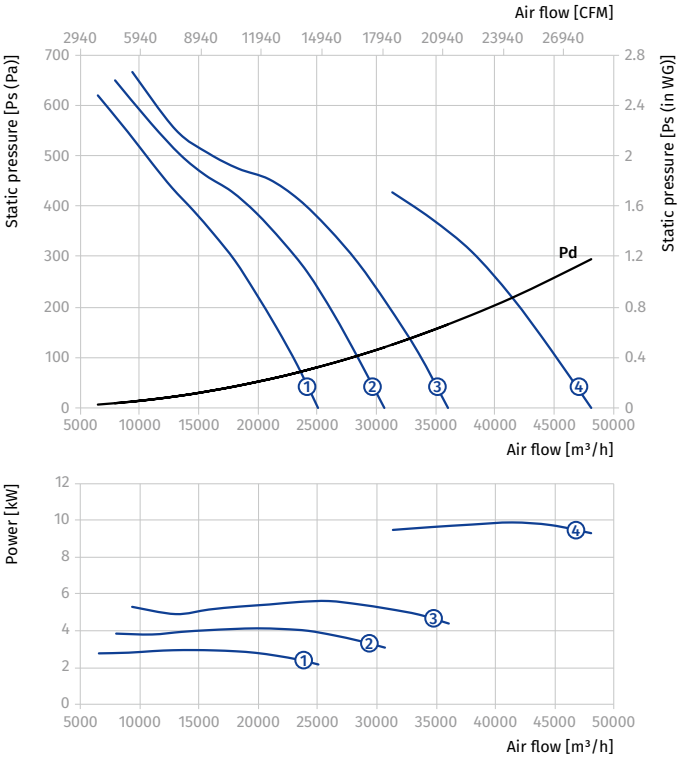
Standard size: **900**
Number of poles: **6**
Fire resistance rating: **300/2**



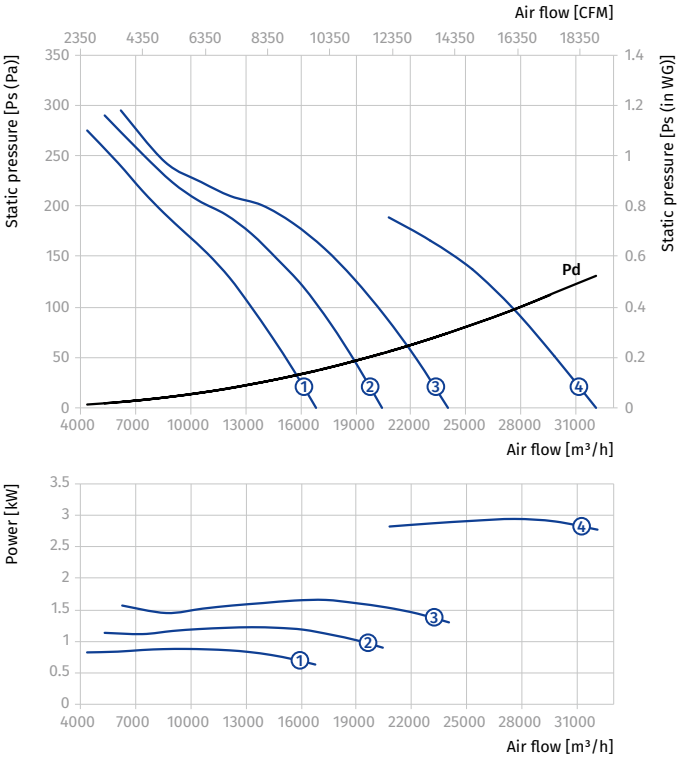
AXIS-FP 900...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 900-4/6D...300/2										
900	4/6	3~400	Axis-FP 900-4/6D/3/1-8/23.5/AL	3/1	1440/960	8	23.5	100	550	①
			Axis-FP 900-4/6D/4.5/1.5-8/28.5/AL	4.5/1.5	1440/960	8	28.5	153.5	600	②
			Axis-FP 900-4/6D/6/2.2-8/33.5/AL	6/2.2	1440/960	8	33.5	164.5	600	③
			Axis-FP 900-4/6D/10/3.3-8/45/AL	10/3.3	1440/960	8	45	227.5	750	④

Standard size: **900**
Number of poles: **4**
Fire resistance rating: **300/2**



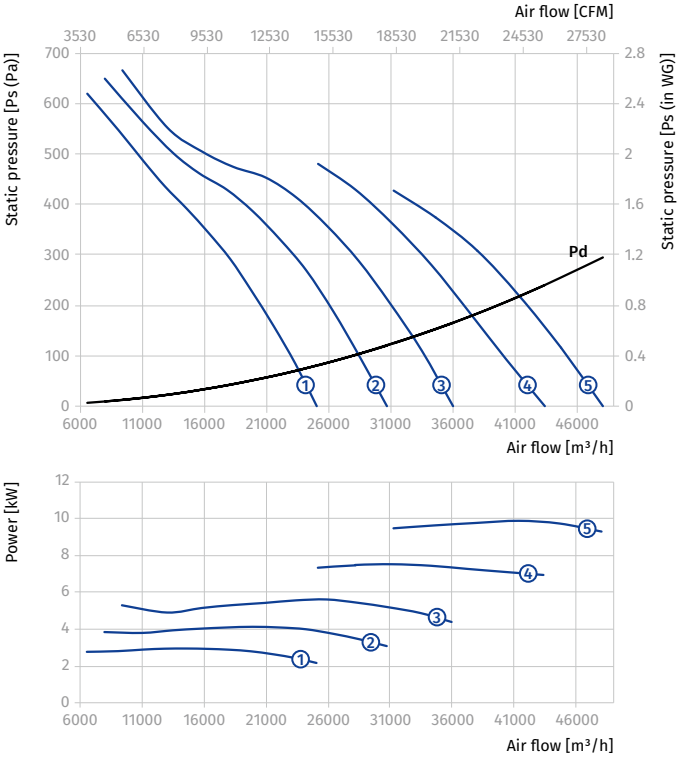
Standard size: **900**
Number of poles: **6**
Fire resistance rating: **300/2**



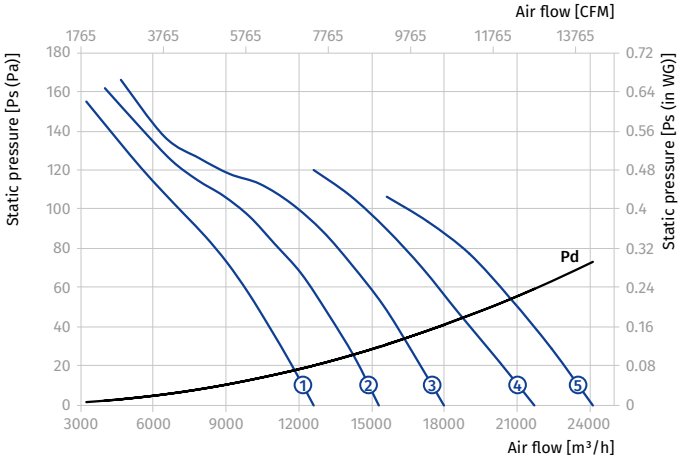
AXIS-FP 900...300/2

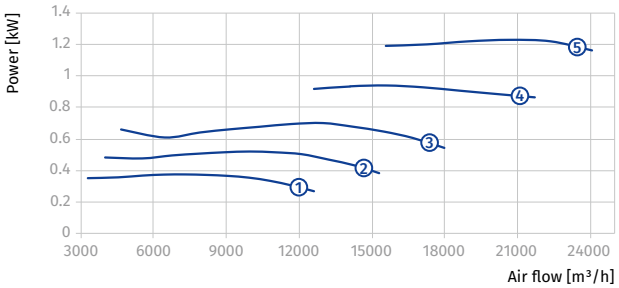
Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 900-4/8D...300/2										
900	4/8	3~400	Axis-FP 900-4/8D/2.8/0.7-8/23.5/AL	2.8/0.7	1440/720	8	23.5	95	550	①
			Axis-FP 900-4/8D/3.8/1-8/28.5/AL	3.8/1	1440/720	8	28.5	107	550	②
			Axis-FP 900-4/8D/5/1.3-8/33.5/AL	5/1.3	1440/720	8	33.5	153.5	600	③
			Axis-FP 900-4/8D/7.2/1.8-8/40/AL	7.2/1.8	1440/720	8	40	165.5	600	④
			Axis-FP 900-4/8D/11/3-8/45/AL	11/3	1440/720	8	45	226.5	750	⑤

Standard size: **900**
Number of poles: **4**
Fire resistance rating: **300/2**



Standard size: **900**
Number of poles: **8**
Fire resistance rating: **300/2**

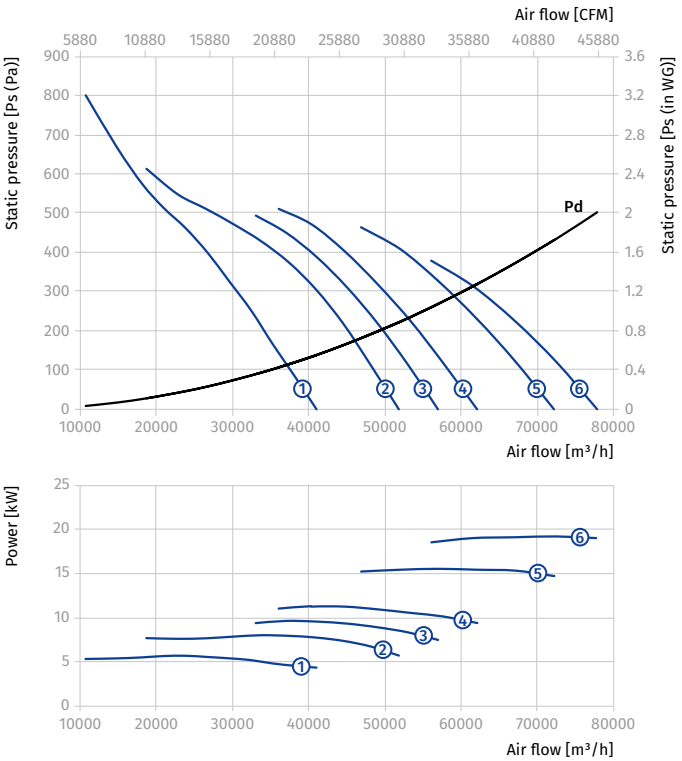




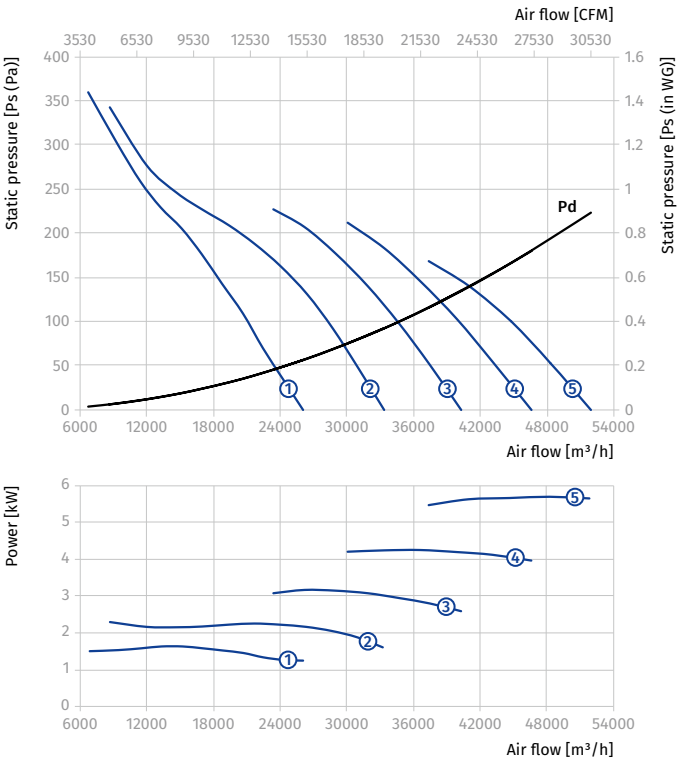
AXIS-FP 1000...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1000-4D...300/2										
1000	4	3~400	Axis-FP 1000-4D/5.5-6/24/AL	5.5	1440	6	24	147.5	600	①
			Axis-FP 1000-4D/7.5-6/30/AL	7.5	1440	6	30	165	600	②
			Axis-FP 1000-4D/9.2-6/33/AL	9.2	1440	6	33	170.5	600	③
			Axis-FP 1000-4D/11-6/36/AL	11	1440	6	36	183.5	600	④
			Axis-FP 1000-4D/15-6/43/AL	15	1440	6	43	244	750	⑤
			Axis-FP 1000-4D/18.5-6/48/AL	18.5	1440	6	48	259	750	⑥
Axis-FP 1000-6D...300/2										
1000	6	3~400	Axis-FP 1000-6D/1.5-6/23/AL	1.5	960	6	23	101	550	①
			Axis-FP 1000-6D/2.2-6/29/AL	2.2	960	6	29	114	550	②
			Axis-FP 1000-6D/3-6/35/AL	3	960	6	35	155.5	600	③
			Axis-FP 1000-6D/4-6/41/AL	4	960	6	41	159.5	600	④
			Axis-FP 1000-6D/5.5-6/48/AL	5.5	960	6	48	172.5	600	⑤

Standard size: **1000**
Number of poles: **4**
Fire resistance rating: **300/2**



Standard size: **1000**
Number of poles: **6**
Fire resistance rating: **300/2**

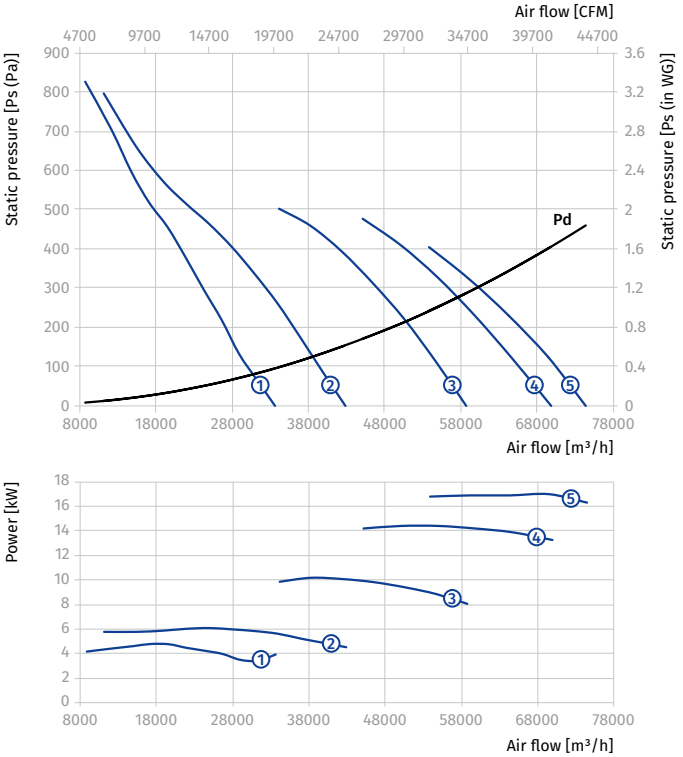


AXIAL SMOKE EXTRACTION FANS

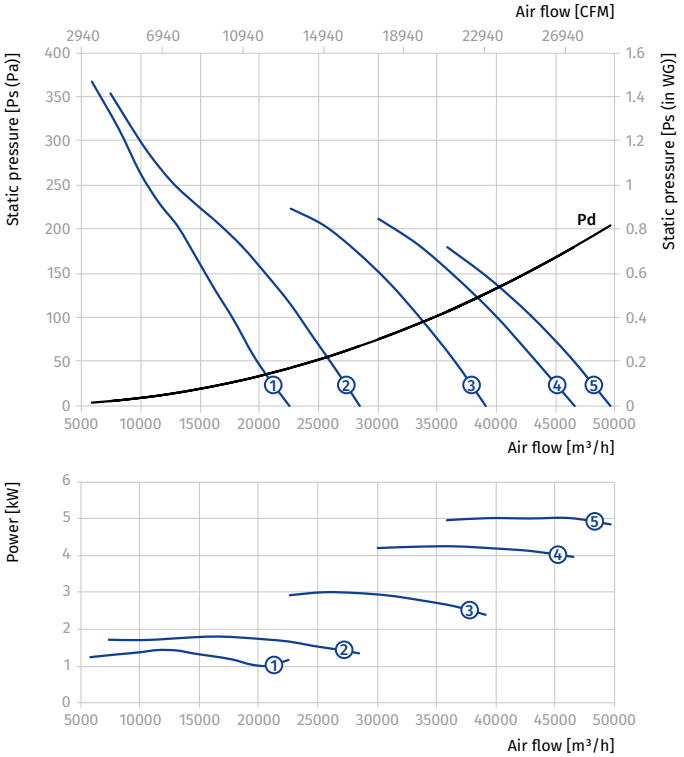
AXIS-FP 1000...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1000-4/6D...300/2										
1000	4/6	3~400	Axis-FP 1000-4/6D/4.5/1.5-6/20/AL	4.5/1.5	1440/960	6	20	168.5	600	①
			Axis-FP 1000-4/6D/6/2.2-6/25/AL	6/2.2	1440/960	6	25	179.5	600	②
			Axis-FP 1000-4/6D/10/3.3-6/34/AL	10/3.3	1440/960	6	34	244.5	750	③
			Axis-FP 1000-4/6D/14/4.5-6/41/AL	14/4.5	1440/960	6	41	259.5	750	④
			Axis-FP 1000-4/6D/16/6.5-6/45/AL	16/6.5	1440/960	6	45	328	800	⑤

Standard size: **1000**
Number of poles: **4**
Fire resistance rating: **300/2**



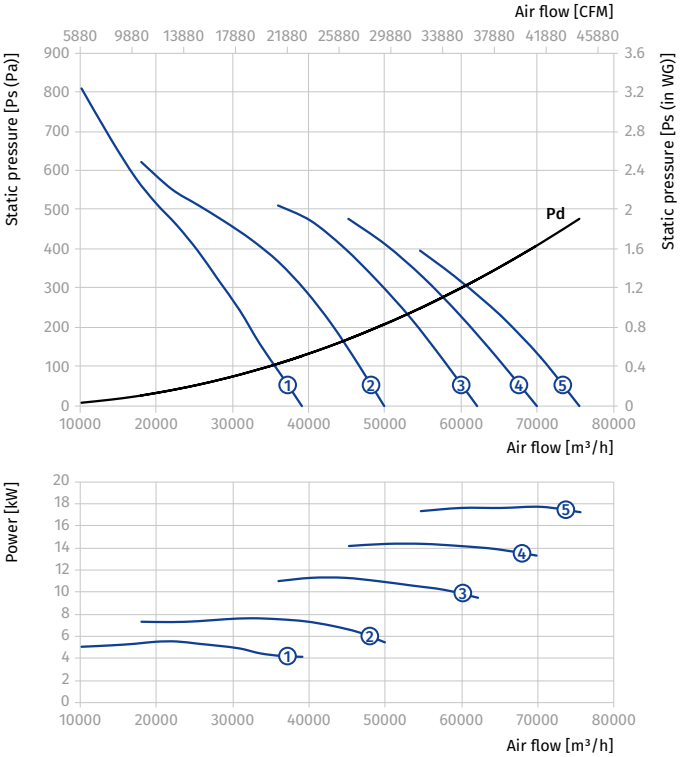
Standard size: **1000**
Number of poles: **6**
Fire resistance rating: **300/2**



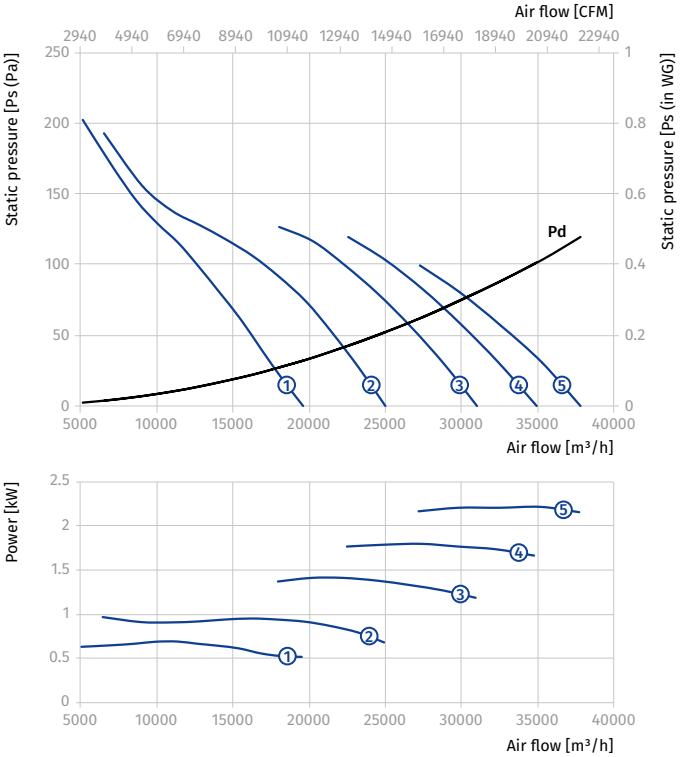
AXIS-FP 1000...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1000-4/8D...300/2										
1000	4/8	3~400	Axis-FP 1000-4/8D/5/1.3-6/23/AL	5/1.3	1440/720	6	23	168.5	600	①
			Axis-FP 1000-4/8D/7.2/1.8-6/29/AL	7.2/1.8	1440/720	6	29	180.5	600	②
			Axis-FP 1000-4/8D/11/3-6/36/AL	11/3	1440/720	6	36	243.5	750	③
			Axis-FP 1000-4/8D/14/3.5-6/41/AL	14/3.5	1440/720	6	41	259.5	750	④
			Axis-FP 1000-4/8D/17/4.3-6/46/AL	17/4.3	1440/720	6	46	295	800	⑤

Standard size: **1000**
Number of poles: **4**
Fire resistance rating: **300/2**



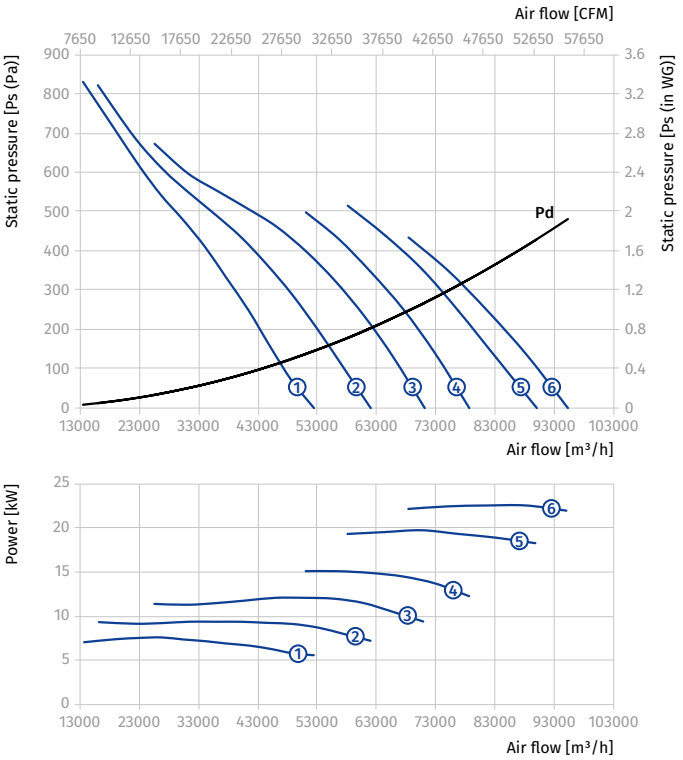
Standard size: **1000**
Number of poles: **8**
Fire resistance rating: **300/2**



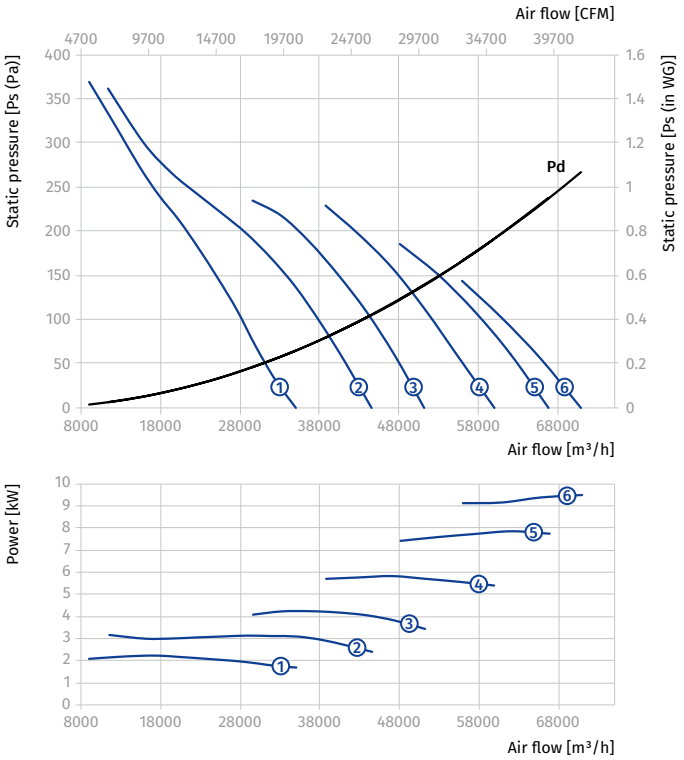
AXIS-FP 1120...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1120-4D...300/2										
1120	4	3~400	Axis-FP 1120-4D/7.5-6/23/AL	7.5	1440	6	23	183	600	①
			Axis-FP 1120-4D/9.2-6/27/AL	9.2	1440	6	27	189	600	②
			Axis-FP 1120-4D/11-6/31/AL	11	1440	6	31	202	600	③
			Axis-FP 1120-4D/15-6/35/AL	15	1440	6	35	296	750	④
			Axis-FP 1120-4D/18.5-6/40/AL	18.5	1440	6	40	312	750	⑤
			Axis-FP 1120-4D/22-6/43/AL	22	1440	6	43	352	800	⑥
Axis-FP 1120-6D...300/2										
1120	6	3~400	Axis-FP 1120-6D/2.2-6/23/AL	2.2	960	6	23	146	550	①
			Axis-FP 1120-6D/3-6/29/AL	3	960	6	29	174	600	②
			Axis-FP 1120-6D/4-6/34/AL	4	960	6	34	178	600	③
			Axis-FP 1120-6D/5.5-6/40/AL	5.5	960	6	40	191	600	④
			Axis-FP 1120-6D/7.5-6/46/AL	7.5	960	6	46	280	750	⑤
			Axis-FP 1120-6D/9.2-6/50/AL	9.2	960	6	50	289	750	⑥

Standard size: **1120**
Number of poles: **4**
Fire resistance rating: **300/2**



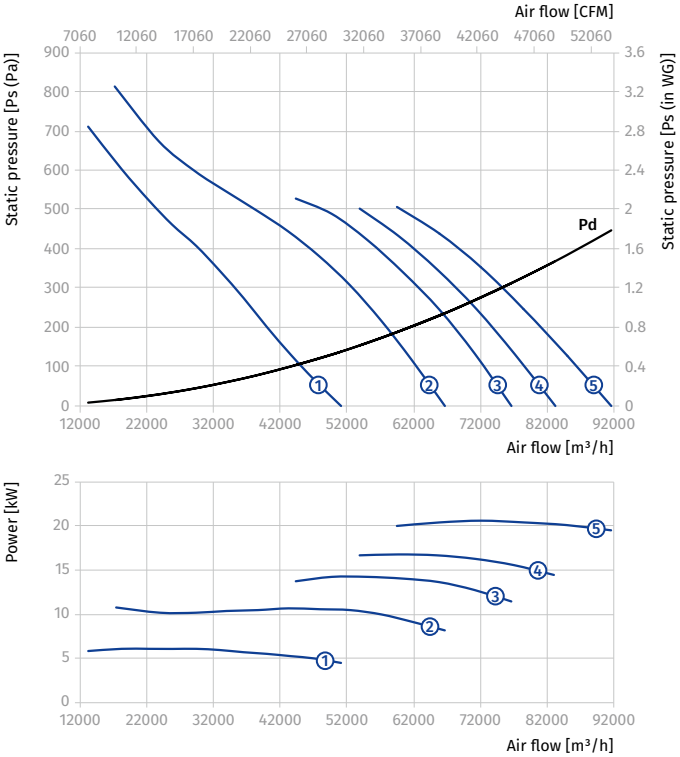
Standard size: **1120**
Number of poles: **6**
Fire resistance rating: **300/2**



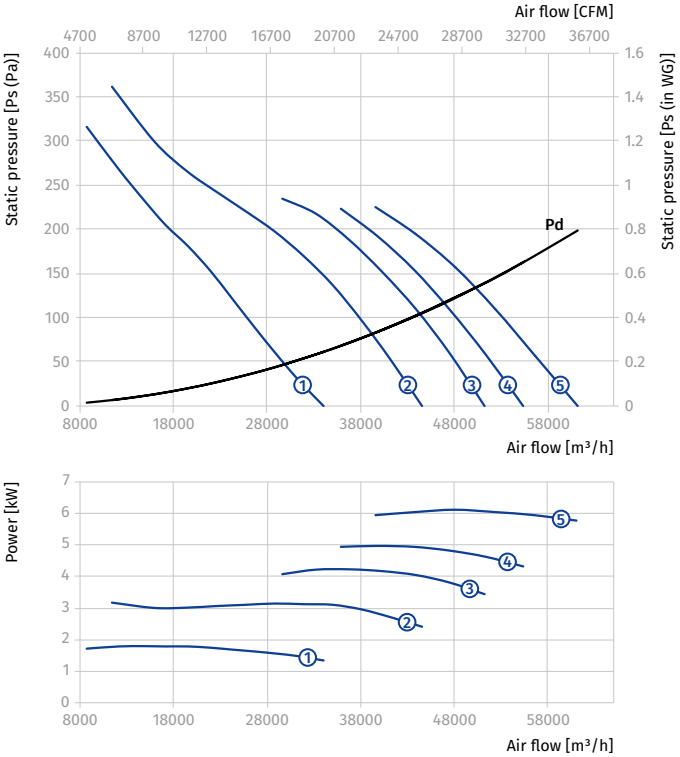
AXIS-FP 1120...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1120-4/6D...300/2										
1120	4/6	3~400	Axis-FP 1120-4/6D/6/2.2-5/24/AL	6/2.2	1440/960	5	24	196	600	①
			Axis-FP 1120-4/6D/10/3.3-6/29/AL	10/3.3	1440/960	6	29	297	750	②
			Axis-FP 1120-4/6D/14/4.5-6/34/AL	14/4.5	1440/960	6	34	312	750	③
			Axis-FP 1120-4/6D/16/6.5-6/37/AL	16/6.5	1440/960	6	37	384	800	④
			Axis-FP 1120-4/6D/20/8.5-6/41/AL	20/8.5	1440/960	6	41	387	800	⑤

Standard size: **1120**
Number of poles: **4**
Fire resistance rating: **300/2**



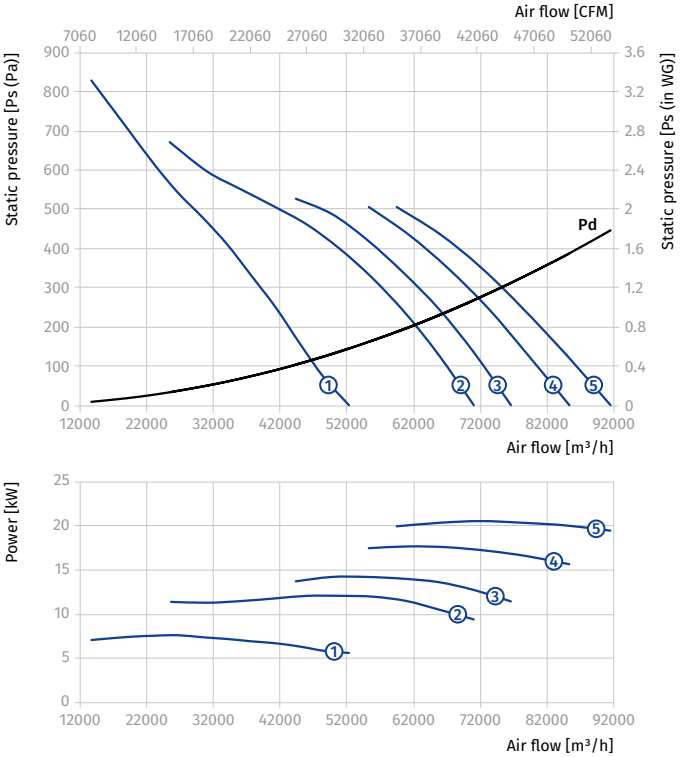
Standard size: **1120**
Number of poles: **6**
Fire resistance rating: **300/2**



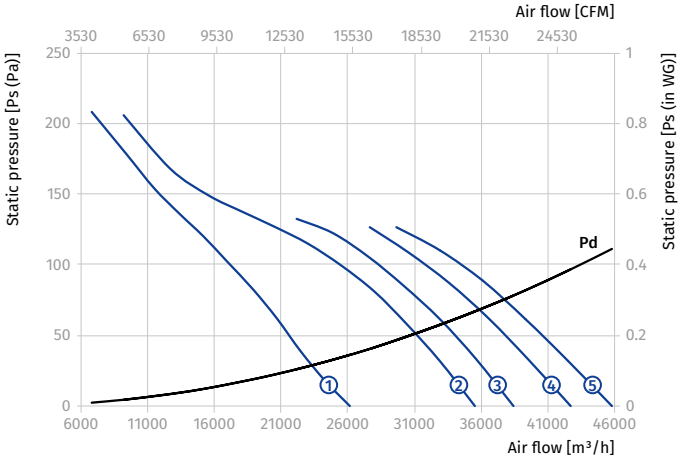
AXIS-FP 1120...300/2

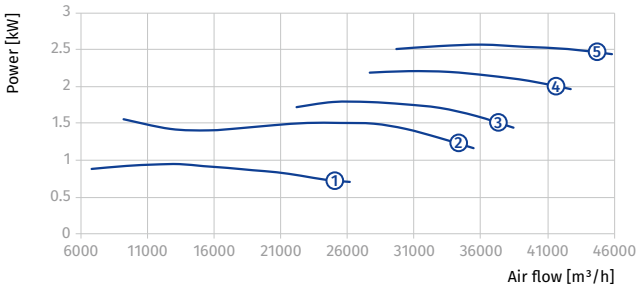
Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1120-4/8D...300/2										
1120	4/8	3~400	Axis-FP 1120-4/8D/7.2/1.8-6/23/AL	7.2/1.8	1440/720	6	23	199	600	①
			Axis-FP 1120-4/8D/11/3-6/31/AL	11/3	1440/720	6	31	296	750	②
			Axis-FP 1120-4/8D/14/3.5-6/34/AL	14/3.5	1440/720	6	34	312	750	③
			Axis-FP 1120-4/8D/17/4.3-6/38/AL	17/4.3	1440/720	6	38	351	800	④
			Axis-FP 1120-4/8D/20/5-6/41/AL	20/5	1440/720	6	41	379	800	⑤

Standard size: **1120**
Number of poles: **4**
Fire resistance rating: **300/2**



Standard size: **1120**
Number of poles: **8**
Fire resistance rating: **300/2**

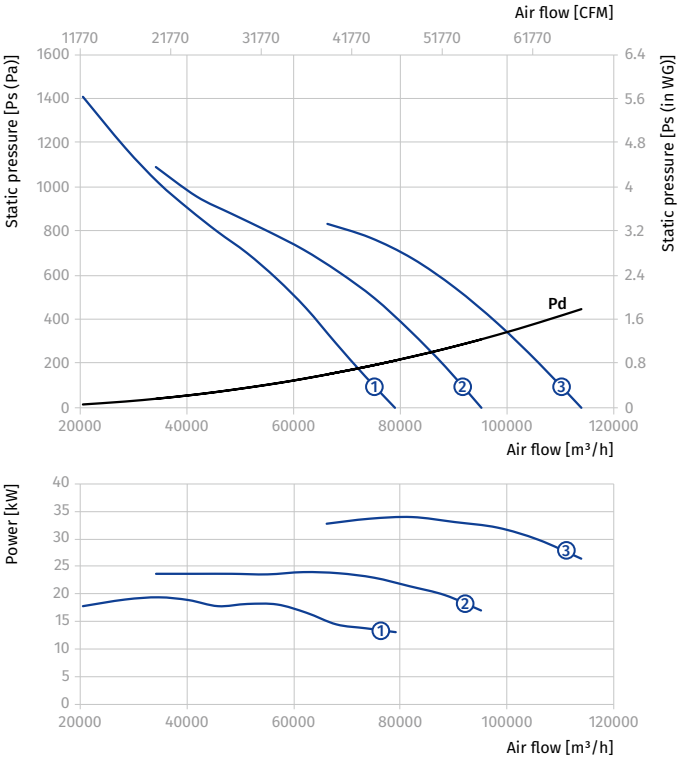




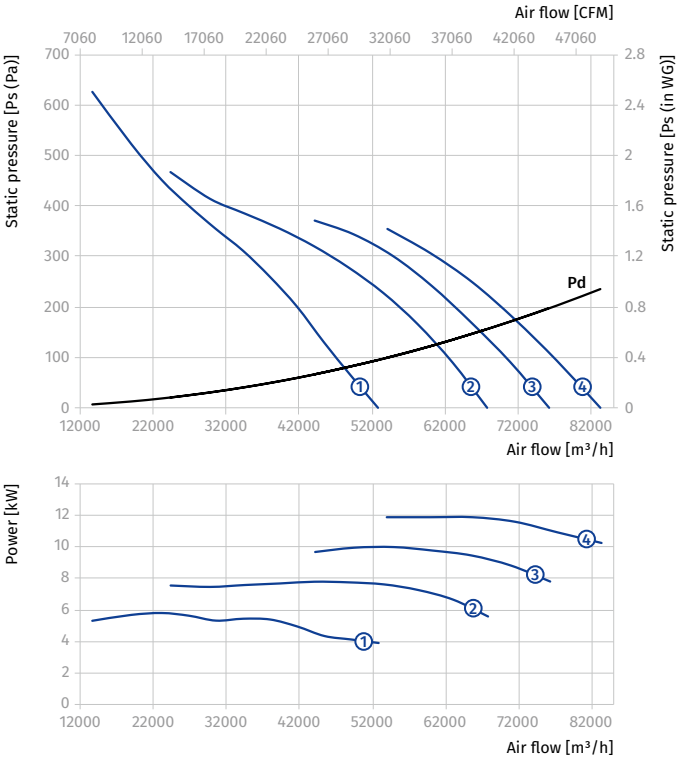
AXIS-FP 1250...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1250-4D...300/2										
1250	4	3~400	Axis-FP 1250-4D/18.5-8/23/AL	18.5	1440	8	23	335	750	①
			Axis-FP 1250-4D/22-8/28/AL	22	1440	8	28	377.5	800	②
			Axis-FP 1250-4D/30-8/34/AL	30	1440	8	34	403.5	800	③
Axis-FP 1250-6D...300/2										
1250	6	3~400	Axis-FP 1250-6D/5.5-8/23/AL	5.5	960	8	23	231	600	①
			Axis-FP 1250-6D/7.5-8/30/AL	7.5	960	8	30	303	750	②
			Axis-FP 1250-6D/9.2-8/34/AL	9.2	960	8	34	303	750	③
			Axis-FP 1250-6D/11-8/38/AL	11	960	8	38	327	750	④

Standard size: **1250**
Number of poles: **4**
Fire resistance rating: **300/2**



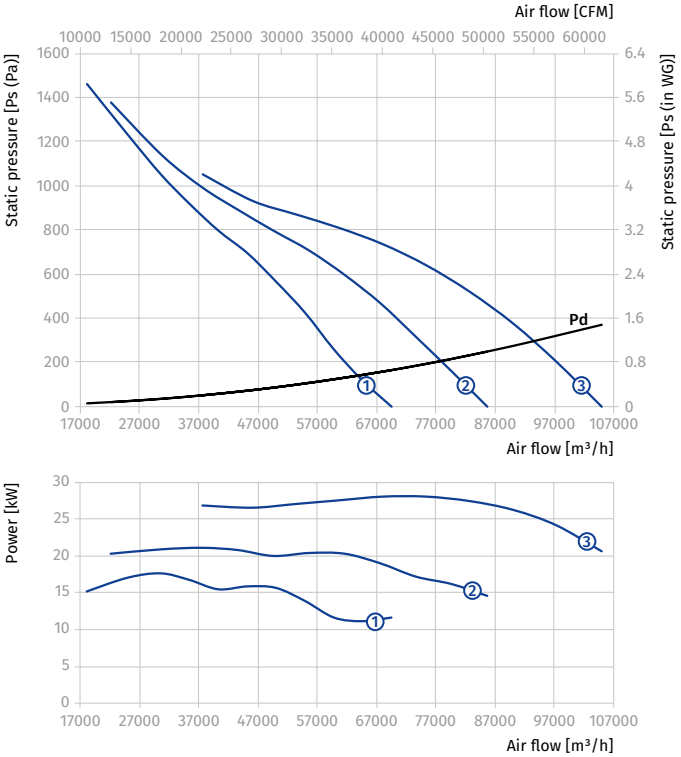
Standard size: **1250**
Number of poles: **6**
Fire resistance rating: **300/2**



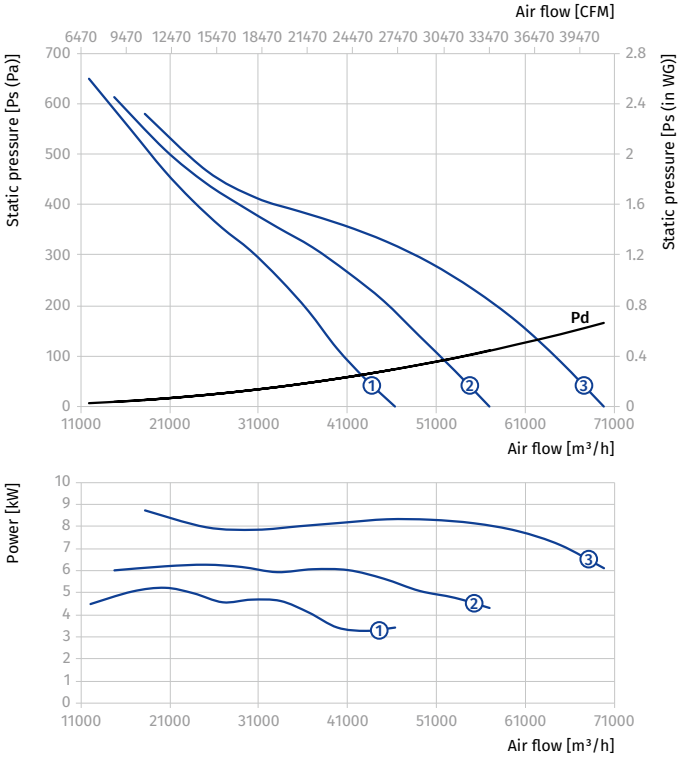
AXIS-FP 1250...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1250-4/6D...300/2										
1250	4/6	3~400	Axis-FP 1250-4/6D/16/6.5-8/20/AL	16/6.5	1440/960	8	20	408.5	800	①
			Axis-FP 1250-4/6D/20/8.5-8/25/AL	20/8.5	1440/960	8	25	411.5	800	②
			Axis-FP 1250-4/6D/26/9-8/31/AL	26/9	1440/960	8	31	510	850	③

Standard size: **1250**
Number of poles: **4**
Fire resistance rating: **300/2**



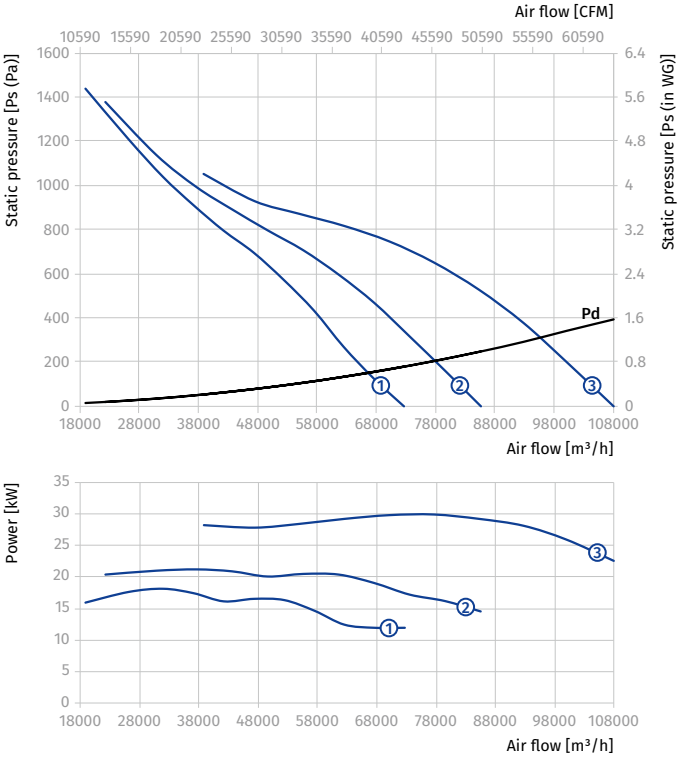
Standard size: **1250**
Number of poles: **6**
Fire resistance rating: **300/2**



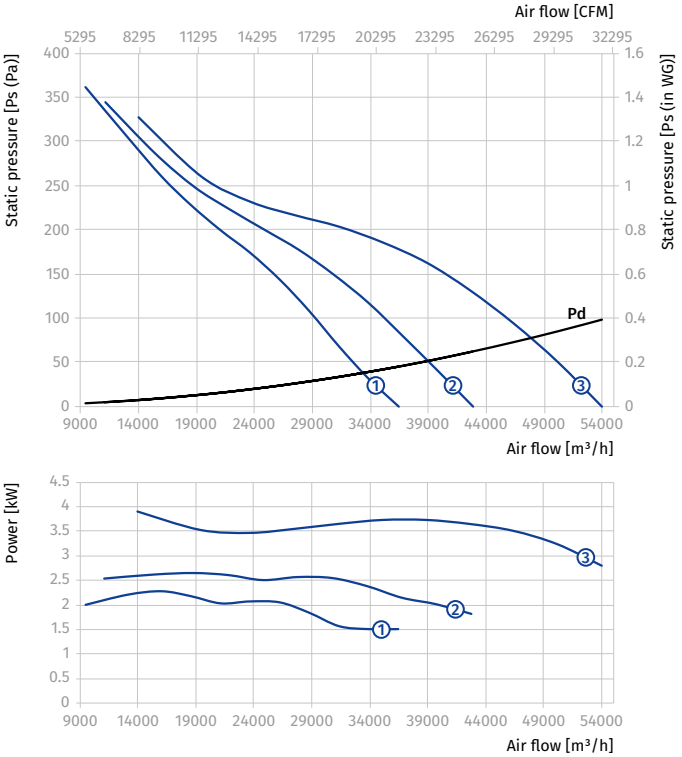
AXIS-FP 1250...300/2

Size	Number of poles	Voltage [V/50 Hz]	Fan model	Installed motor power Ny [kW]	RPM [min⁻¹]	Number of blades	Blade setting angle [°]	Weight [kg]	Length L [mm]	Curve number on graph
Axis-FP 1250-4/8D...300/2										
1250	4/8	3~400	Axis-FP 1250-4/8D/17/4.3-8/21/AL	17/4.3	1440/720	8	21	375.5	800	①
			Axis-FP 1250-4/8D/20/5-8/25/AL	20/5	1440/720	8	25	403.5	800	②
			Axis-FP 1250-4/8D/28/6.5-8/32/AL	28/6.5	1440/720	8	32	465	850	③

Standard size: **1250**
Number of poles: **4**
Fire resistance rating: **300/2**



Standard size: **1250**
Number of poles: **8**
Fire resistance rating: **300/2**



AXIAL SMOKE EXTRACTION FANS