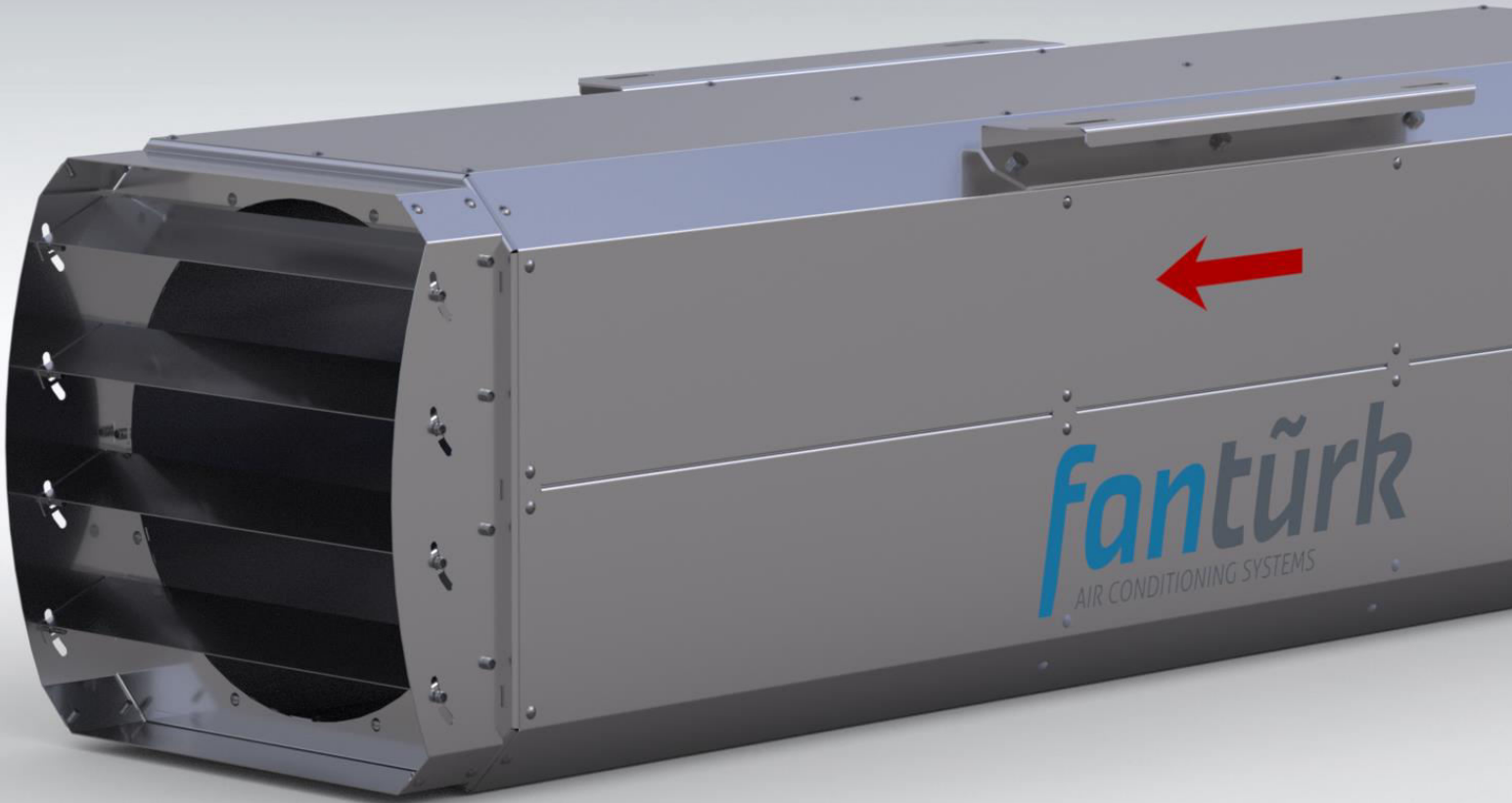




Product Catalogue



J-FWA
Axial Jet Fan



General Features

The products have fire-resistant certificate and tested for working for 2 hours at 400 °C in international accredited organizations according to EN 12101-3 standard.

It is manufactured between Ø315mm and Ø630mm diameters.

According to the project, uni-directional or reversible and two-speed or single-speed options are available.

Fan Body

J-FWA Axial Jet Fan models are manufactured from high quality galvanized steel.

Propeller

The propellers are made of special aluminum alloy with adjustable blade angles or ST 52 steel blades. According to the project, it can operate in the same performance in both blowing directions thanks to its reversible blade structure. Complies with international standards.

Motor

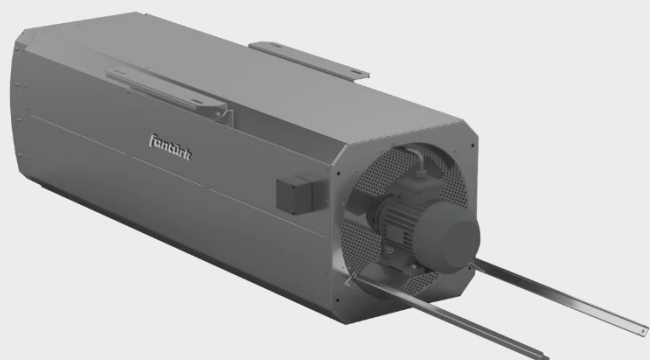
It is manufactured as standard (380 V - 50 Hz) or other voltages and frequencies (400/415/440 V -50 Hz) on request. As a standard, Class H, S1+S2, IP55 single-speed or double-speed motors with a resistance of 2 hours to 400 degrees or 2 hours to 3000 degrees are used

Accessories

In this series, the sound volume increases due to the high air outlet velocities and therefore jet fans are used as standard with the silencer.

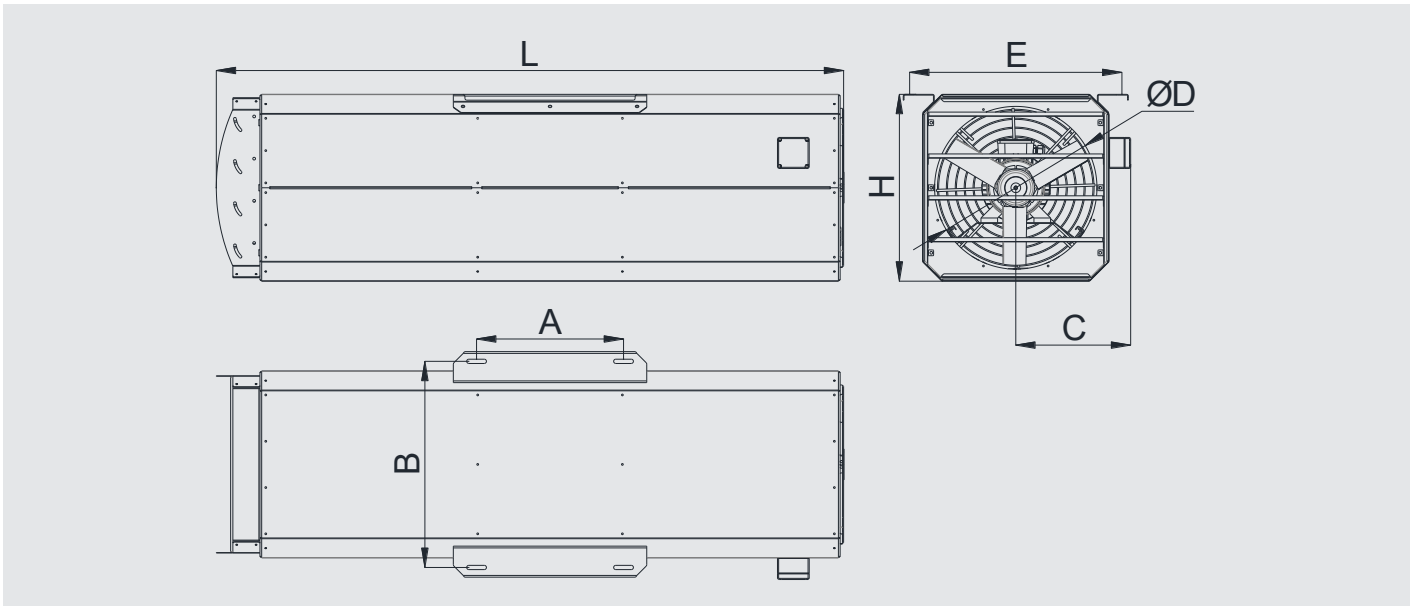
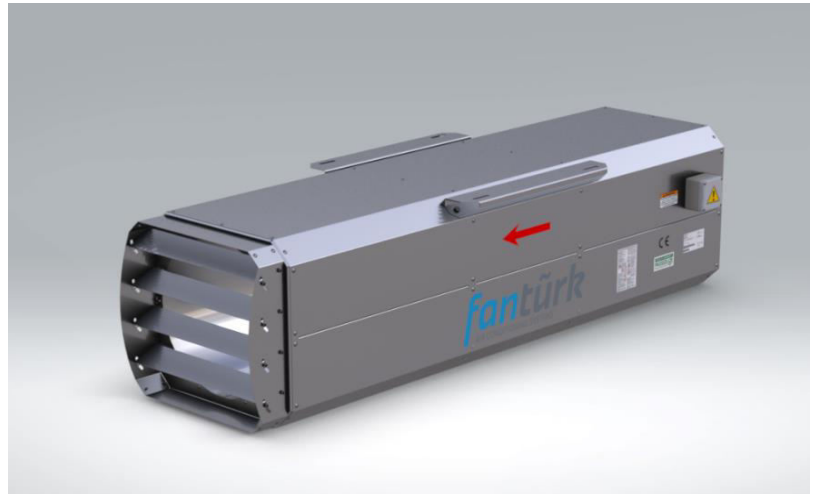
Sliding System

Thanks to its unique sliding system design, disassembly or maintenance time is minimized with easy intervention to the motor



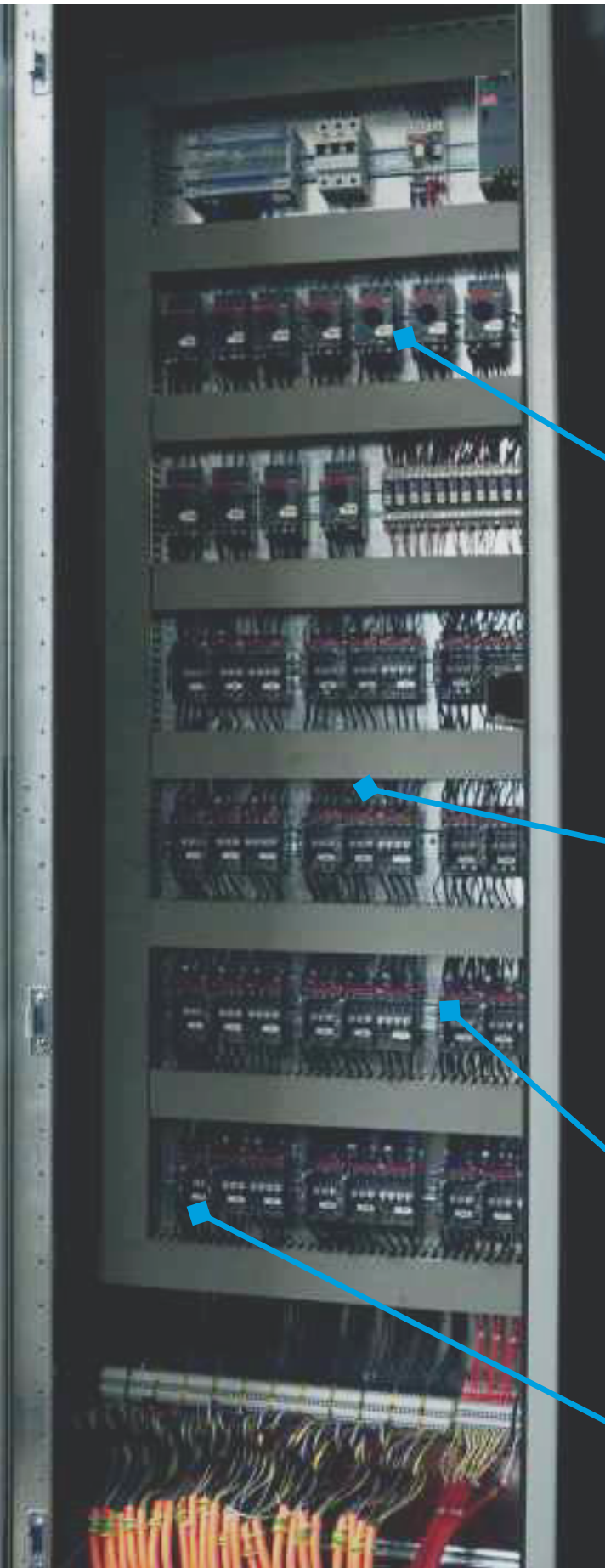
Technical Specifications

AXIAL JET FAN



MODEL	A	B	C	D	E	H	L	THRUST	MAX. FLOW RATE	POWER	MOTOR SPEED	MAX. AIR VELOCITY	SOUND PRESSURE LEVEL	WEIGHT
	mm	mm	mm	mm	mm	mm	mm	N	m ³ /h	kW	rpm	m/s	dB(A)	kg
J-FWA 315	380	445	250	335	495	395	1615	24	4500	0,8/0,2	3000/1500	16	69/54	65
J-FWA 355	380	485	270	375	535	435	1625	40	6500	1,1/0,25	3000/1500	18	74/59	85
J-FWA 400	380	530	290	420	580	480	1635	60	9000	1,5/0,37	3000/1500	20	75/60	100
J-FWA 450	380	580	320	470	630	530	1845	85	12000	2,2/0,5	3000/1500	21	82/67	140
J-FWA 500	380	630	340	520	680	580	2060	150	17500	3,8/1	3000/1500	25	90/75	170
J-FWA 560	380	690	370	580	740	640	2180	235	24000	6/1,5	3000/1500	28	91/76	230

Automation Panel and Control System



Automation panel is responsible for operating in accordance with the ventilation scenarios processed. PLC (Programmable Logic Card) which is carried by all mechanical devices (axial fans, jet fans, air / smoke dampers, doors etc.) in the system according to the signals coming from the carbon monoxide detection system and / or fire / smoke detection system which analyzes the situation in the parking lot.



Jet fans operate at 1. Motor Speed for daily ventilation according to the signals from the gas sensors or 2. Motor Speed according to the signals from the fire / smoke detection system.

Floor dampers are closed and opened according to the scenario written in order to prevent harmful gas and smoke from reaching the other floors in case of fire.



Fresh air and smoke exhaust fans are activated according to the signals from the gas and fire / smoke detection systems and exhaust of harmful gas is provided.

It works fully compatible with gas sensors and smoke / fire detection systems used in the parking lot.



CFD Analysis

Car park ventilation projects with jet fans should be supported by computational fluid dynamics analysis. The CFD analysis is very important for the accuracy of the project work, the precise determination of the jet fan locations, and the control of the position of the exhaust and fresh air shafts.

After the 3D modeling of the car park, the analysis should be prepared with fire simulation and boundary conditions prepared in accordance with BS 7346-7 standard. The situation of the car park in case of a possible fire or evacuation of the exhaust gases formed in the building is examined with this simulation.

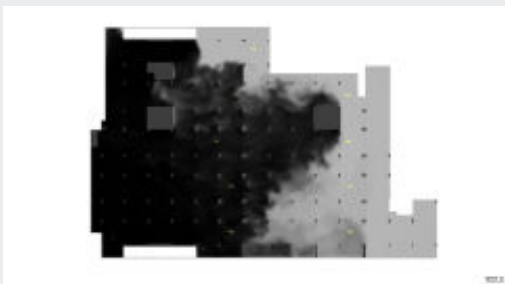
This provides preliminary information on how the air flow and smoke evacuation will actually behave.

These analyzes should be performed by CFX, Flow Simulation, PyroSim or similar internationally recognized software. The number and layout of the jet fans should be optimized according to the simulation result.

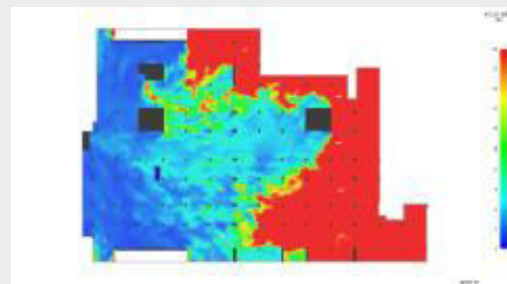
By CFD Analysis;

- 1.7m above ground density, visibility and air movement
- Temperature distribution in the parking lot in case of fire,
- Details of the air flow in the parking lot,
- Air velocity profiles are examined.

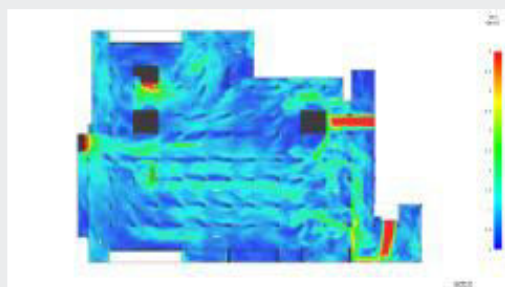
Smoke Analysis



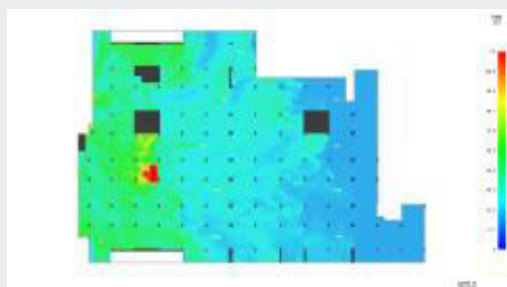
Visibility Range Analysis



Air Velocity Analysis



Temperature Analysis



The analyzes are performed according to ASHRAE, BS 7346-7, NFPA 130 standards.

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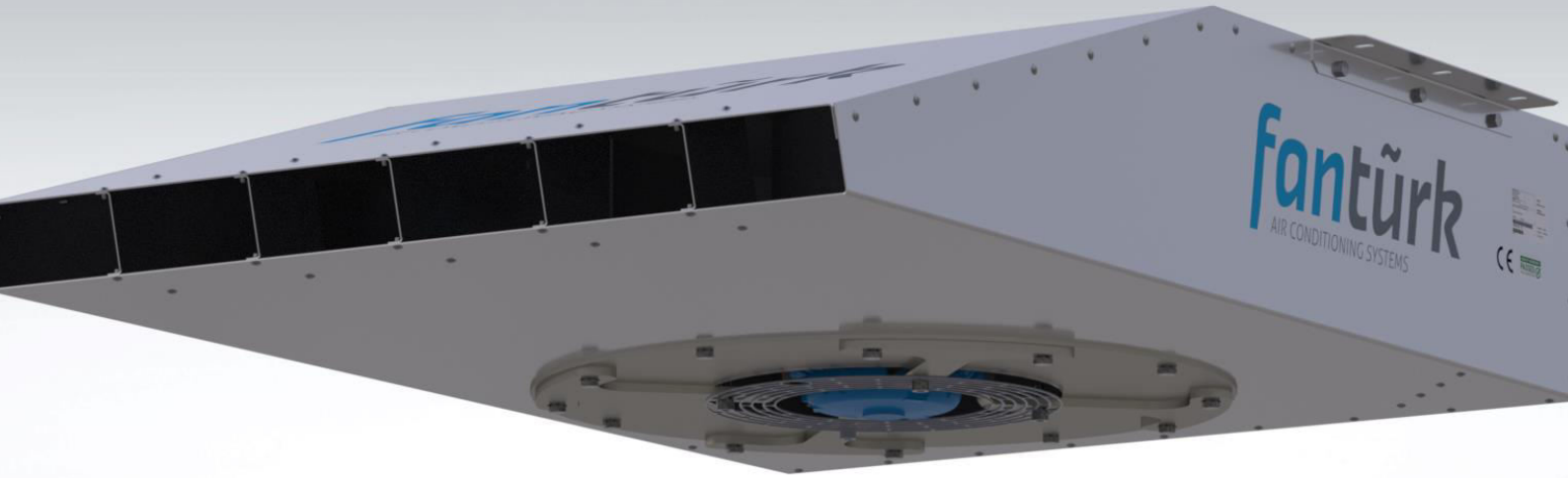
fanturk.com.tr



Product Catalogue



R-FWA *Radial Jet Fan*



Technical Specifications

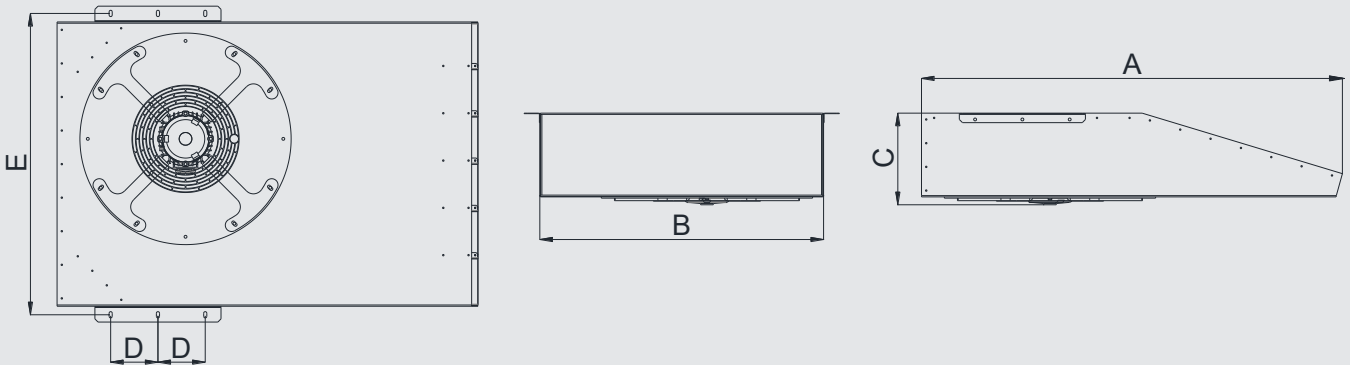
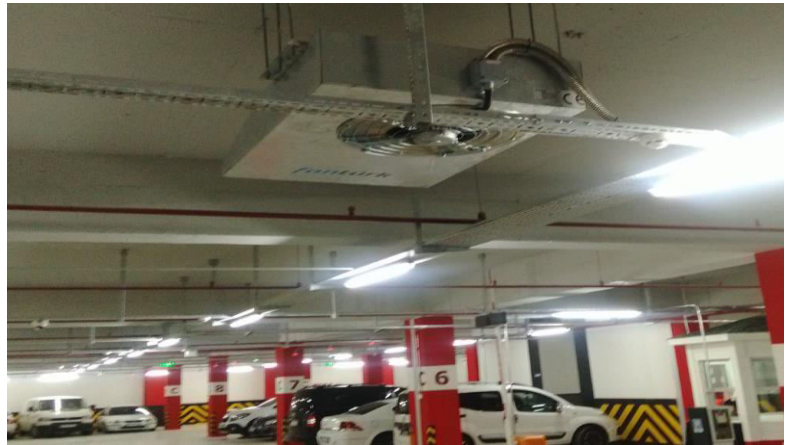
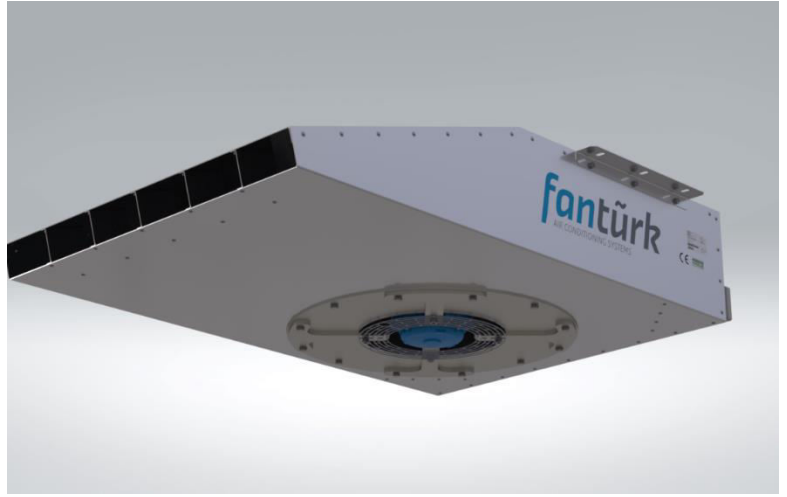
RADIAL JET FAN

The R-FWA Series radial jet fans have fire-resistant certificate and tested for working for 2 hours at 400 °C in international accredited organizations according to EN 12101-3 standard.

J-FWA Axial Jet Fan models are manufactured from high quality galvanized steel. The radial induction fan inside the case is made of S235 quality steel. It is manufactured as standard(380 V - 50 Hz) or other voltages and frequencies (400/415/440 V - 50 Hz) on request. As a standard, Class H, S1+S2, IP55 single-speed or double-speed motors with a resistance of 2 hours to 400 degrees are used. In the motor mounting, a special pad-mounted connection type is used.

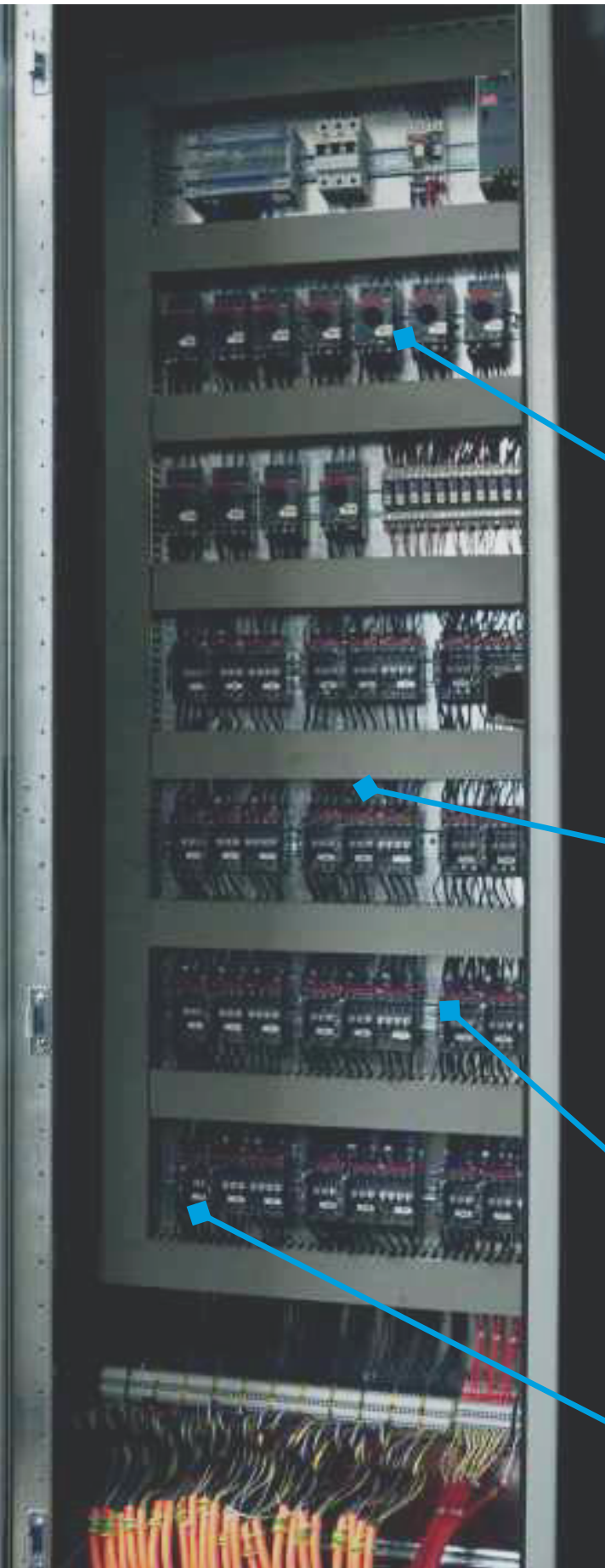
Usage Areas

Can be used in car park ventilation systems with low ceiling heights.



	A	B	C	D	E	THRUST	MAX. FLOW RATE	MOTOR POWER	MOTOR SPEED	MAX. AIR VELOCITY	SOUND PRESSURE LEVEL	WEIGHT
MODEL	mm	mm	mm	mm	mm	N	m ³ /h	kW	rpm	m/s	dBA	kg
R-FWA 400	1335	900	290	154	954	63/28	6680	1,4/0,33	1500/750	24	73/56	83

Automation Panel and Control System



Automation panel is responsible for operating in accordance with the ventilation scenarios processed. PLC (Programmable Logic Card) which is carried by all mechanical devices (axial fans, jet fans, air / smoke dampers, doors etc.) in the system according to the signals coming from the carbon monoxide detection system and / or fire / smoke detection system which analyzes the situation in the parking lot.



Jet fans operate at 1. Motor Speed for daily ventilation according to the signals from the gas sensors or 2. Motor Speed according to the signals from the fire / smoke detection system.

Floor dampers are closed and opened according to the scenario written in order to prevent harmful gas and smoke from reaching the other floors in case of fire.



Fresh air and smoke exhaust fans are activated according to the signals from the gas and fire / smoke detection systems and exhaust of harmful gas is provided.

It works fully compatible with gas sensors and smoke / fire detection systems used in the parking lot.



CFD Analysis

Car park ventilation projects with jet fans should be supported by computational fluid dynamics analysis. The CFD analysis is very important for the accuracy of the project work, the precise determination of the jet fan locations, and the control of the position of the exhaust and fresh air shafts.

After the 3D modeling of the car park, the analysis should be prepared with fire simulation and boundary conditions prepared in accordance with BS 7346-7 standard. The situation of the car park in case of a possible fire or evacuation of the exhaust gases formed in the building is examined with this simulation.

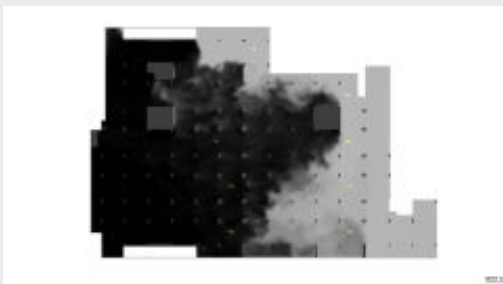
This provides preliminary information on how the air flow and smoke evacuation will actually behave.

These analyzes should be performed by CFX, Flow Simulation, PyroSim or similar internationally recognized software. The number and layout of the jet fans should be optimized according to the simulation result.

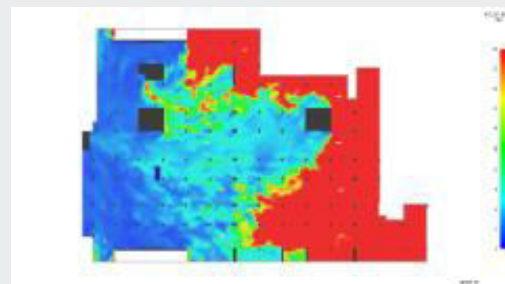
By CFD Analysis;

- 1.7m above ground density, visibility and air movement
- Temperature distribution in the parking lot in case of fire,
- Details of the air flow in the parking lot,
- Air velocity profiles are examined.

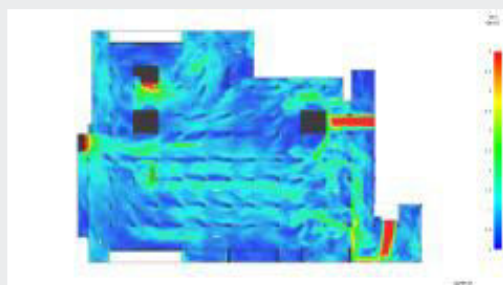
Smoke Analysis



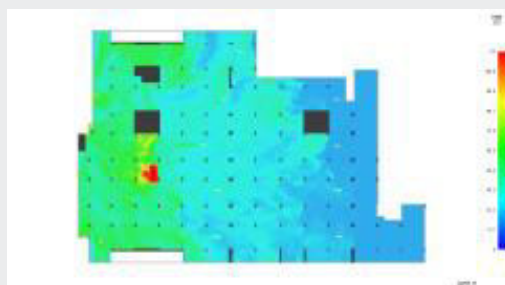
Visibility Range Analysis



Air Velocity Analysis



Temperature Analysis



The analyzes are performed according to ASHRAE, BS 7346-7, NFPA 130 standards.

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Product Catalogue



Y-FWA Axial Smoke Exhaust Fan



Technical Specifications

AXIAL SMOKE EXHAUST FAN

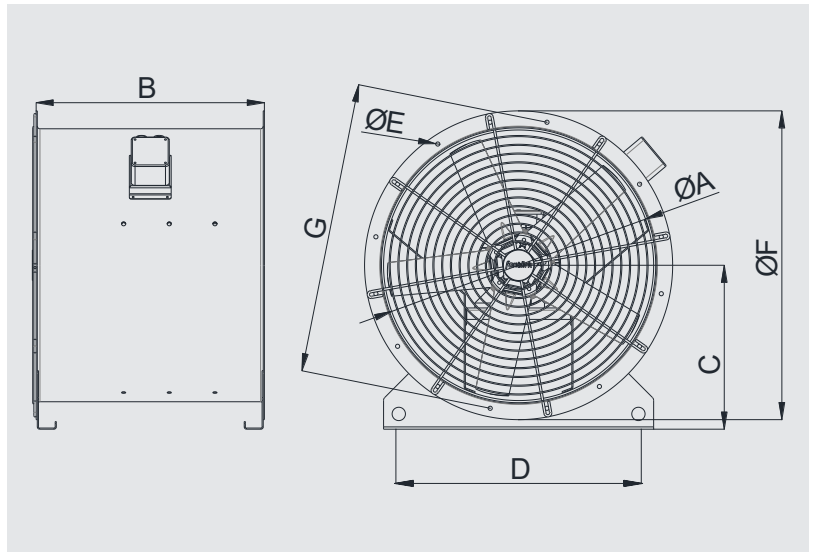
Y-FWA series axial smoke exhaust fans are the ideal fans to meet the need to exhaust fire smoke in ventilation systems. Thanks to their compact construction, they can be installed directly in air ducts, shaft, roof floor, any position required. The products have fire-resistant certificate and tested for working for 2 hours at 400 °C. and 2 hours at 300 °C in international accredited organizations according to EN 12101-3 standard.

With wide selection of models, Y-FWA models offer working range of 4000 m³/h – 140.000 m³/h in different pressure range.

It is manufactured between Ø400mm and Ø1250mm diameters. The body is made of high quality, corrosion-resistant galvanized steel. The propellers are made of special aluminum alloy with adjustable blade angles. It is manufactured as standard (380 V - 50 Hz) or other voltages and frequencies (400/415/440 V - 50 Hz) on request. Motors can be single-speed or double speed and have Class H, S1, IP55 insulation. The sound level can be controlled by adding a silencer at the sensitive points.

Usage Areas

Can be used to meet the smoke exhaust requirement in ventilations systems of all kinds of industrial buildings, shopping malls, residences, hotels, hospitals, schools, offices, car parks and residences.

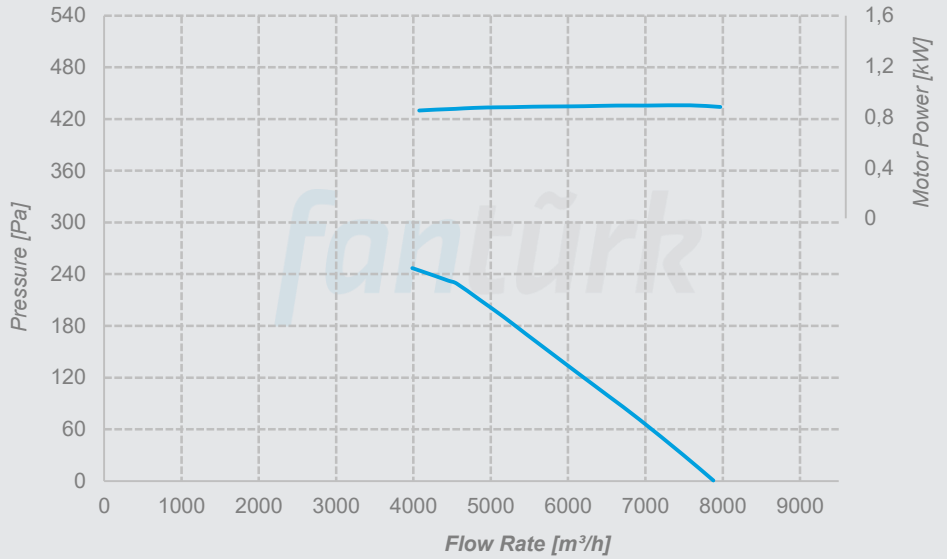


	A	B	C	D	E	F	G	VOLTAGE	FREQUENCY	WORKING ENVIRONMENT
MODEL	mm	mm	mm	mm	mm	mm	mm	V	Hz	
Y-FWA 400	400	500	275	335	Ø9x8	500	450	380	50	300 °C / 2 Saat
Y-FWA 450	450	500	300	385	Ø9x8	550	500	380	50	300 °C / 2 Saat
Y-FWA 500	500	600	325	435	Ø9x8	600	550	380	50	300 °C / 2 Saat
Y-FWA 560	560	600	355	495	Ø9x8	660	610	380	50	300 °C / 2 Saat
Y-FWA 630	630	600	390	565	Ø9x8	730	680	380	50	300 °C / 2 Saat
Y-FWA 710	710	600	430	645	Ø11x16	810	760	380	50	300 °C / 2 Saat
Y-FWA 800	800	600	475	735	Ø11x16	900	850	380	50	300 °C / 2 Saat
Y-FWA 900	900	750	525	735	Ø11x16	1000	950	380	50	300 °C / 2 Saat
Y-FWA 1000	1000	800	595	835	Ø11x16	1100	1050	380	50	300 °C / 2 Saat
Y-FWA 1120	1120	1000	655	935	Ø11x16	1220	1170	380	50	300 °C / 2 Saat
Y-FWA 1250	1250	1000	720	1035	Ø11x16	1330	1280	380	50	300 °C / 2 Saat

Performance Curves of Devices with Axial Fan

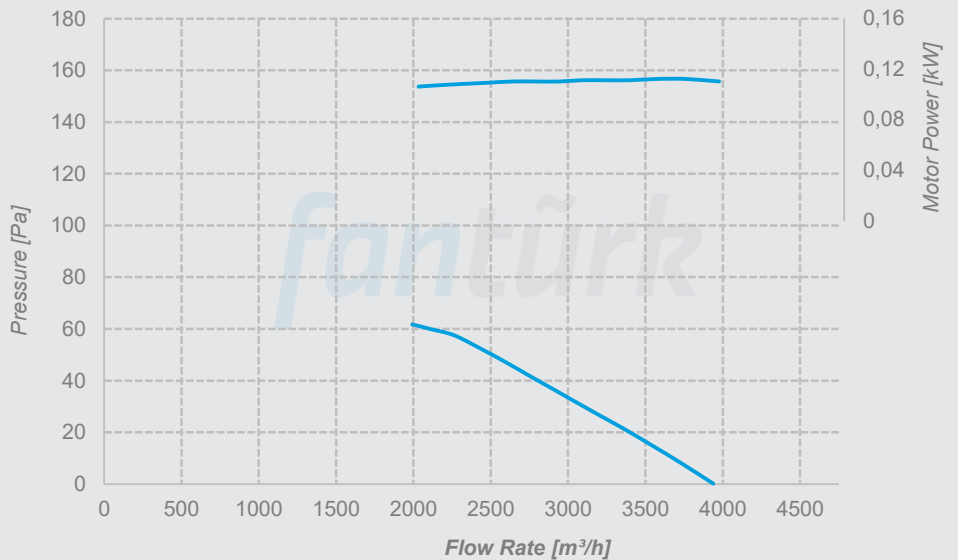
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



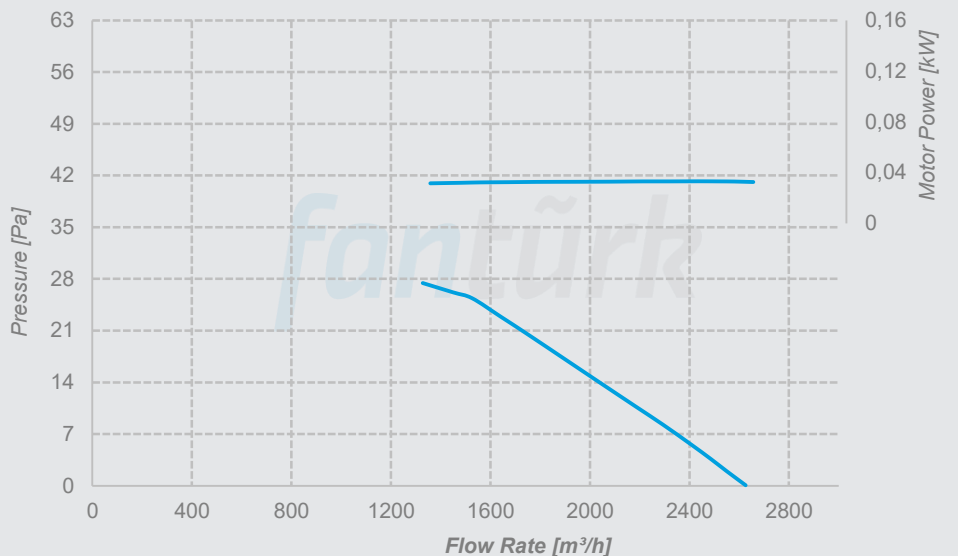
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

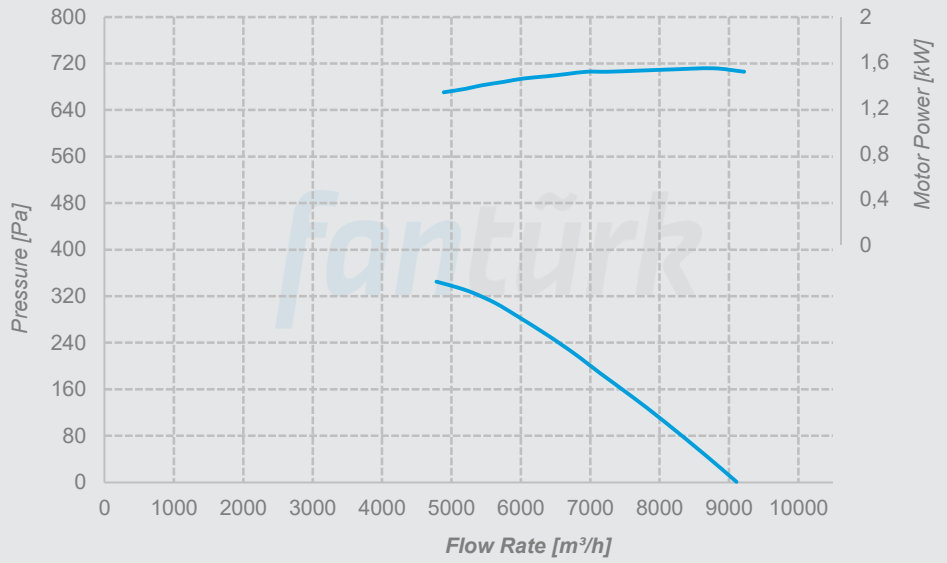
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

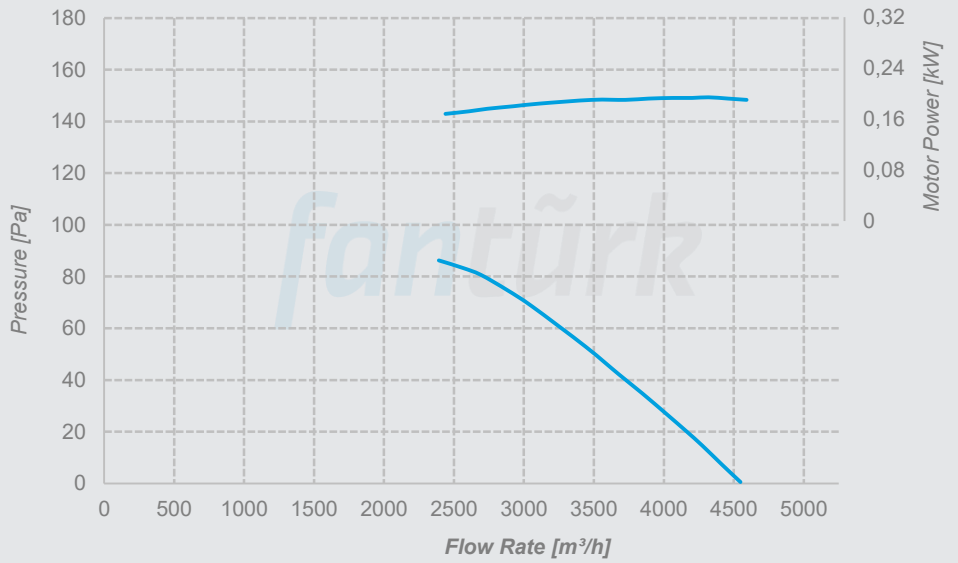
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



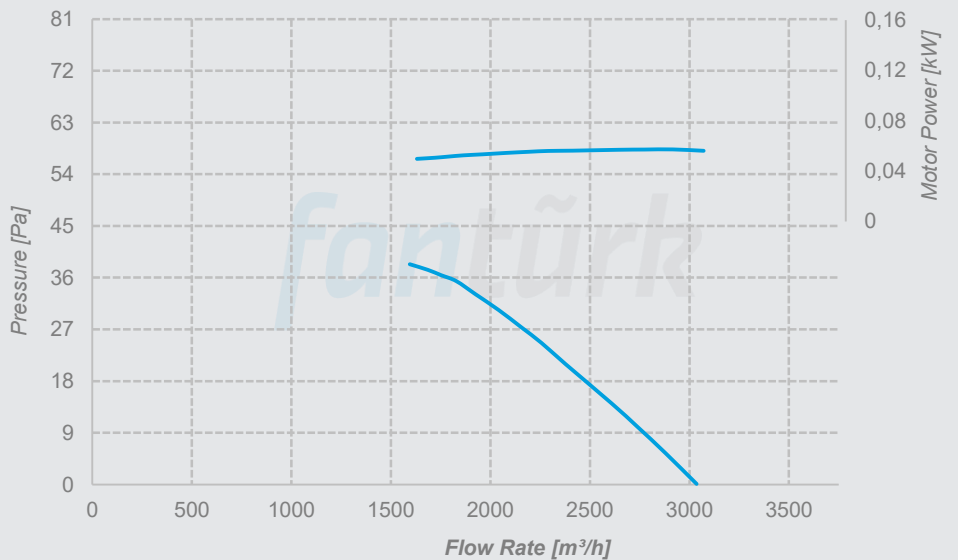
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum

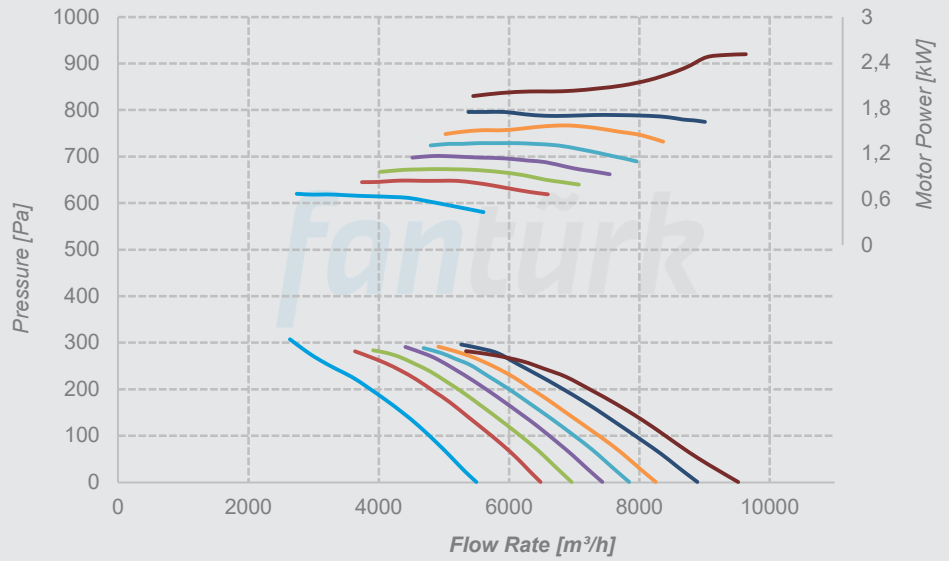


Performance Curves

P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 2
 Material Aluminum
 Pitch Angle

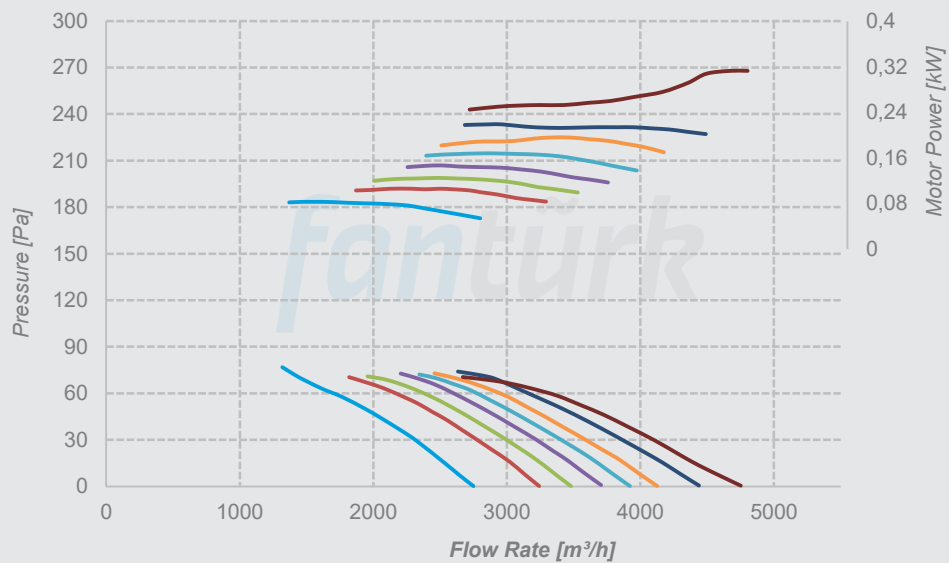
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

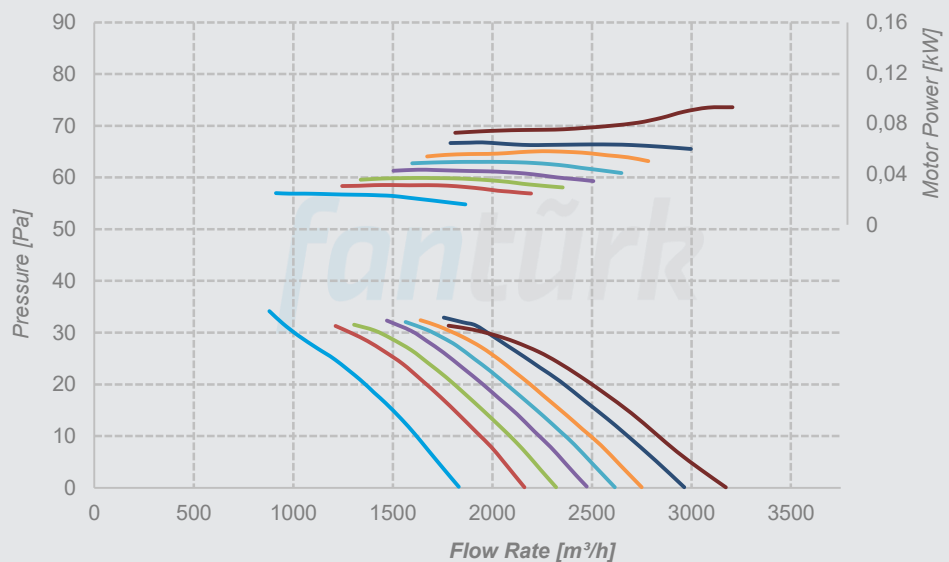
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

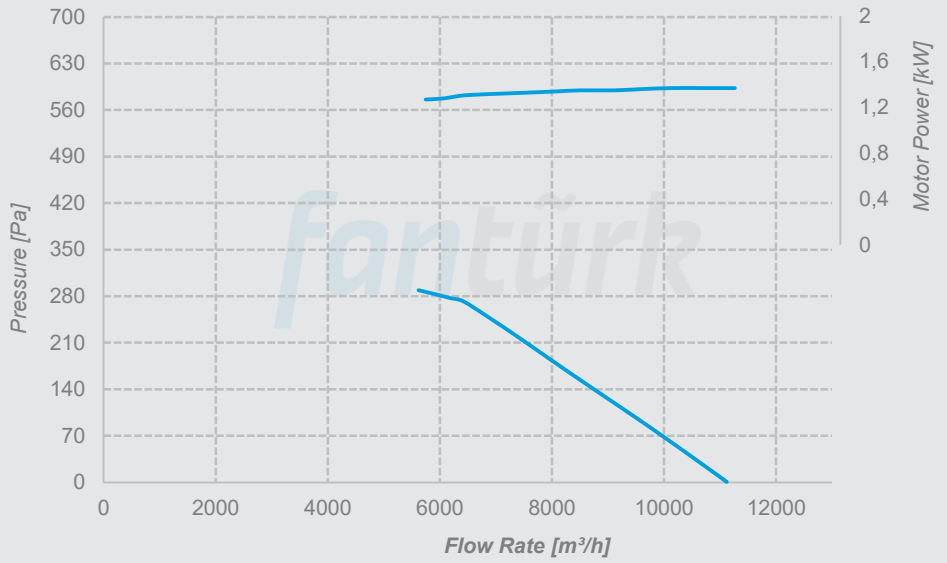
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- 35° — 37,5° — 40°
- 45° — 50°



Performance Curves

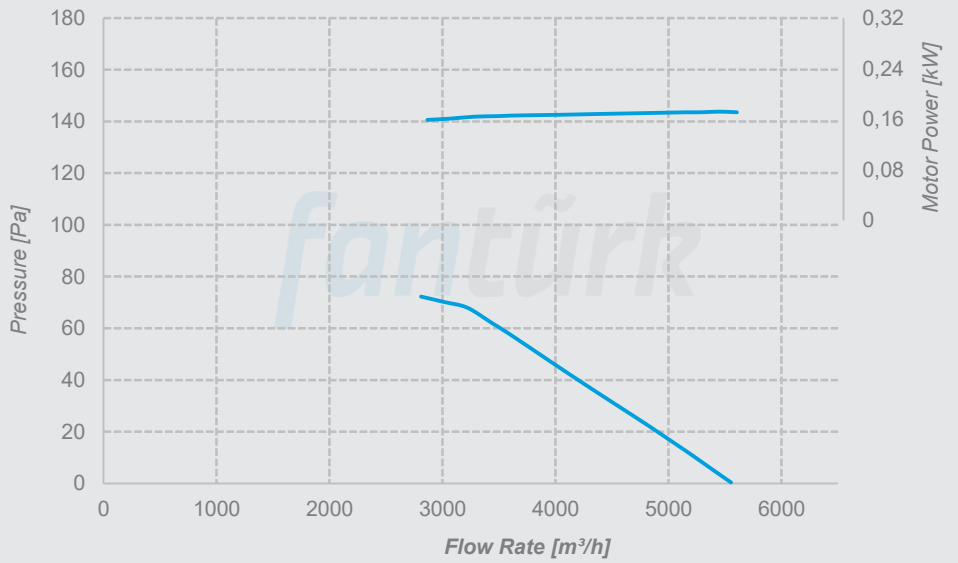
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



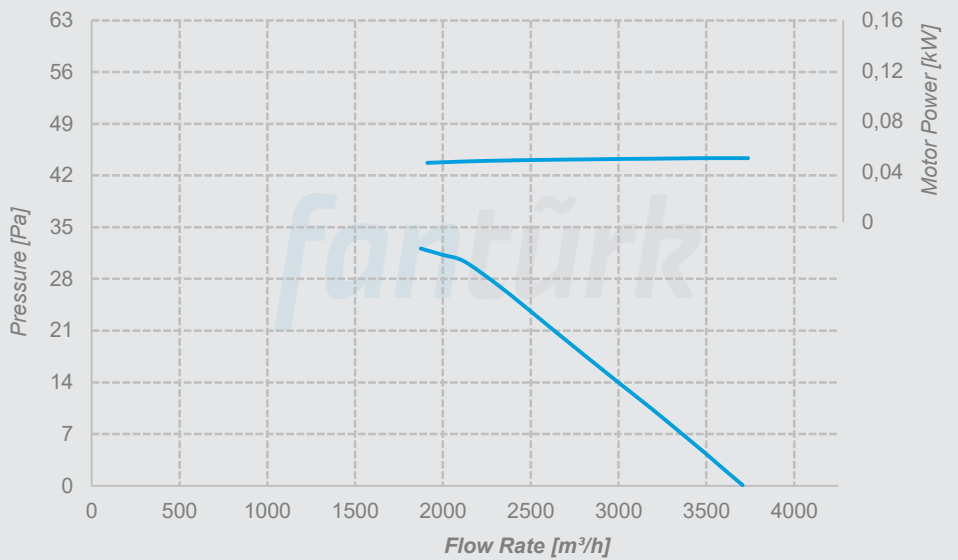
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

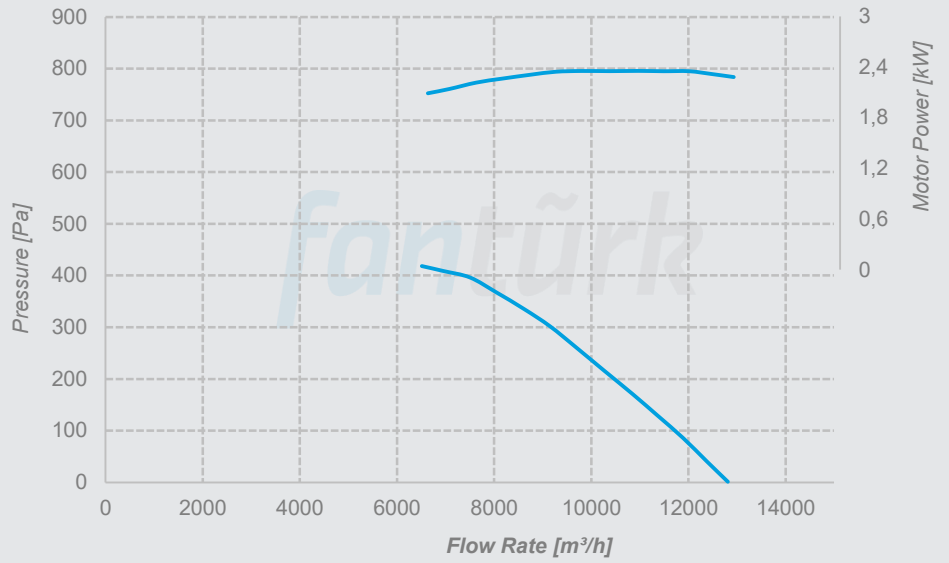
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

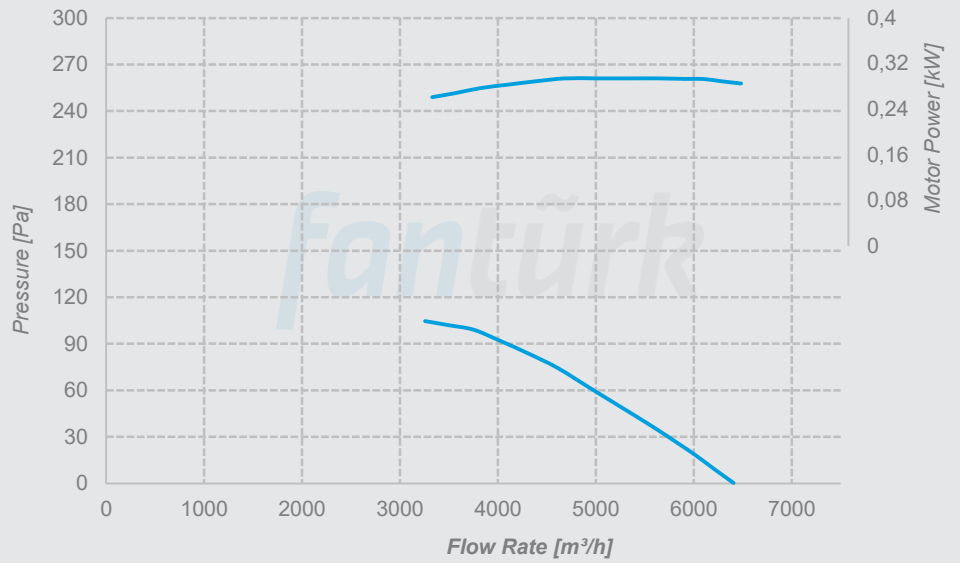
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



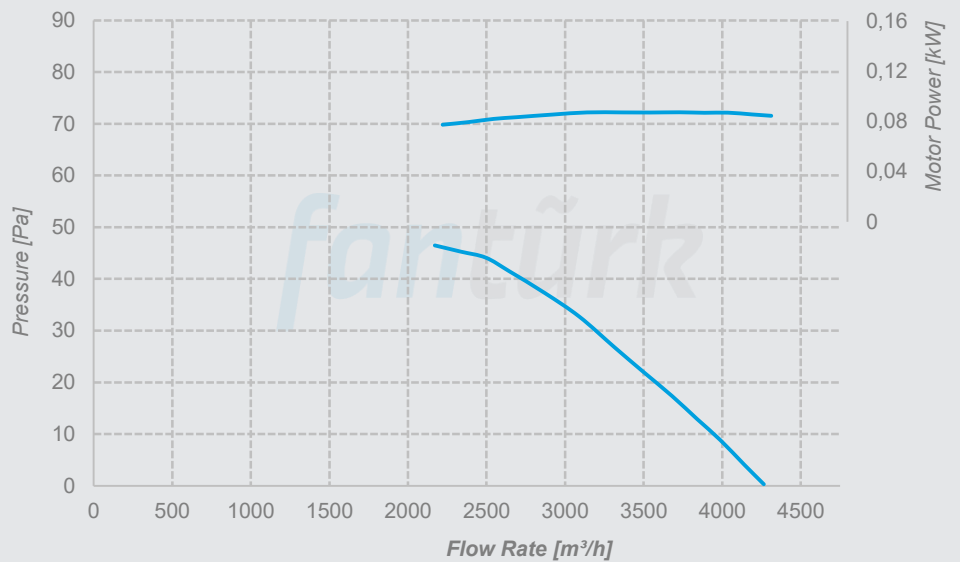
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum

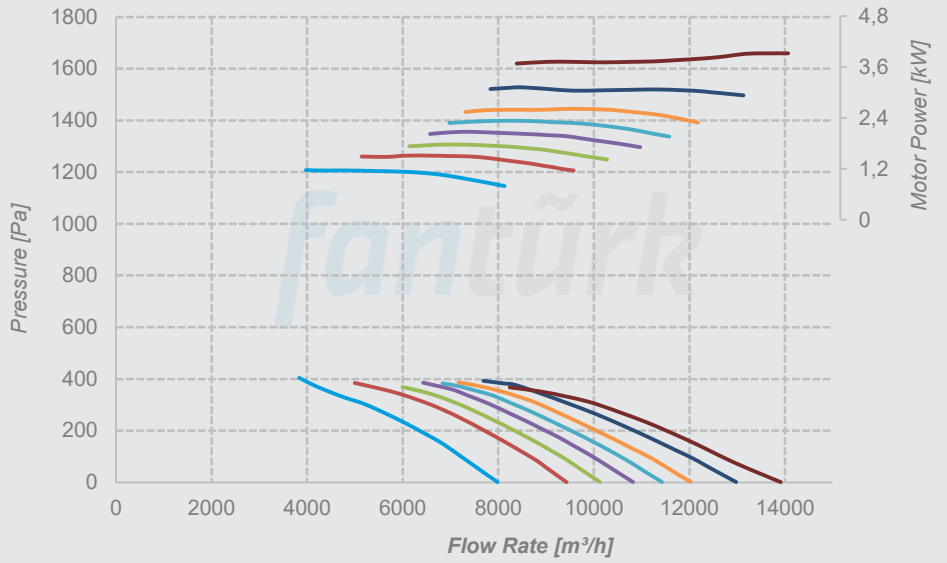


Performance Curves

P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 2
 Material Aluminum
 Pitch Angle

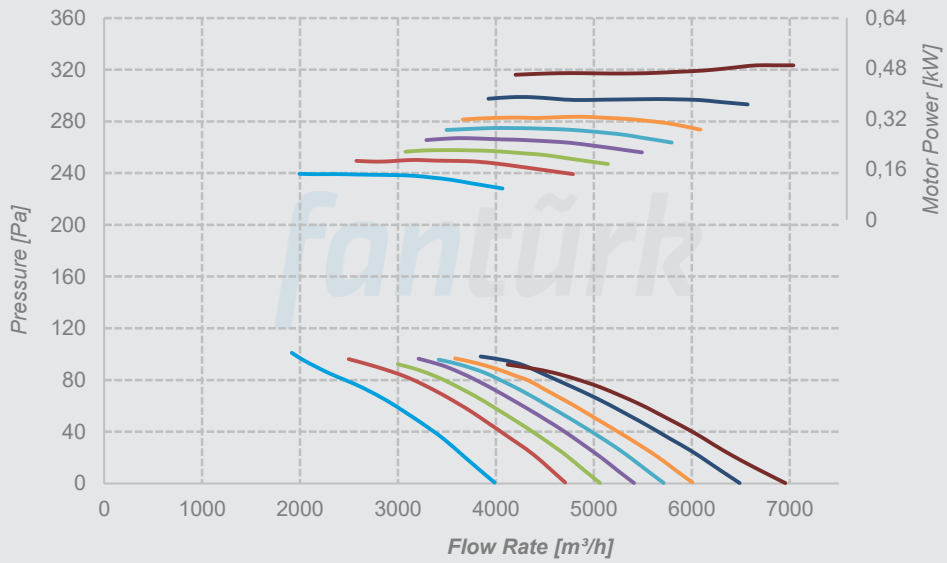
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

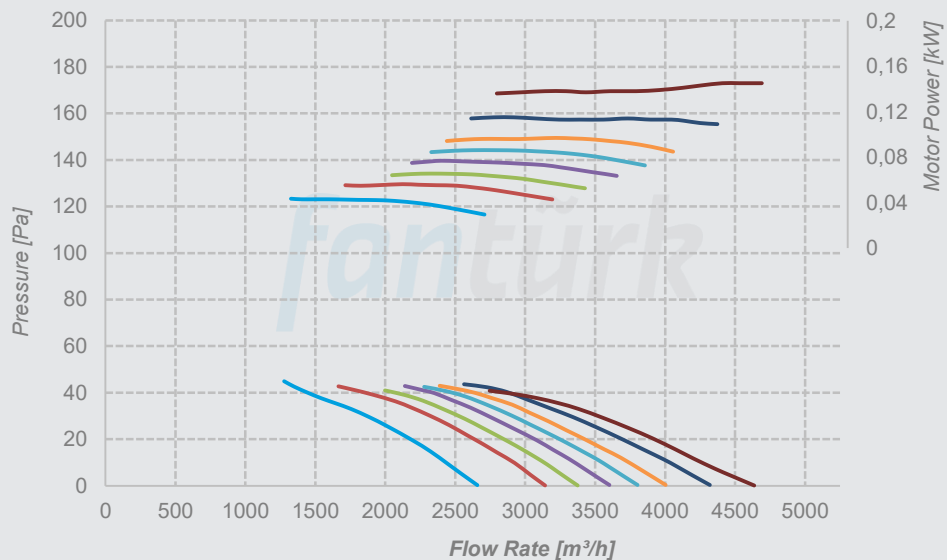
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

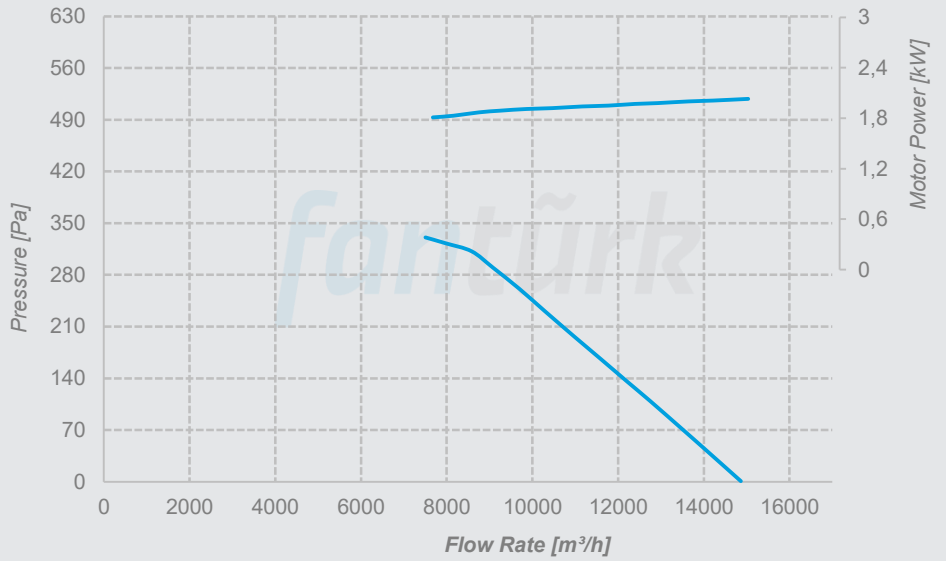
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



Performance Curves

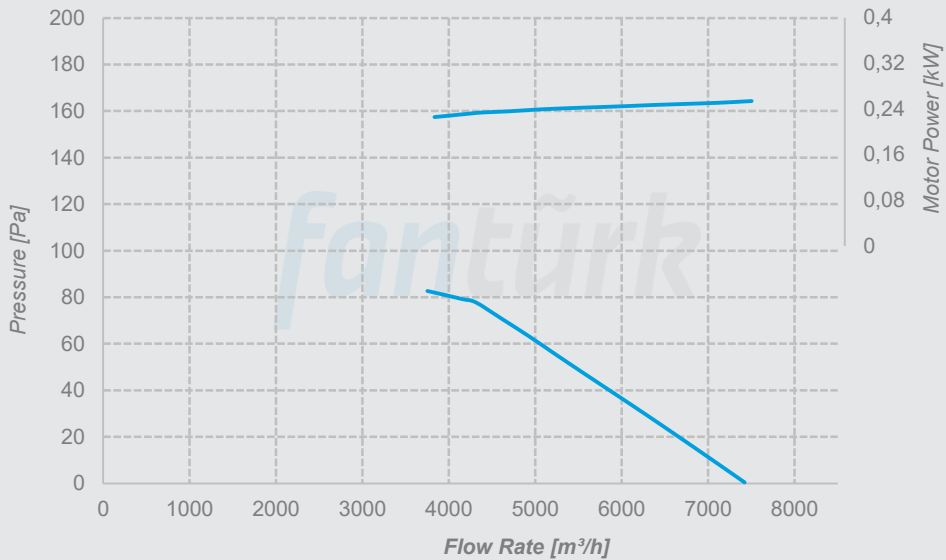
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



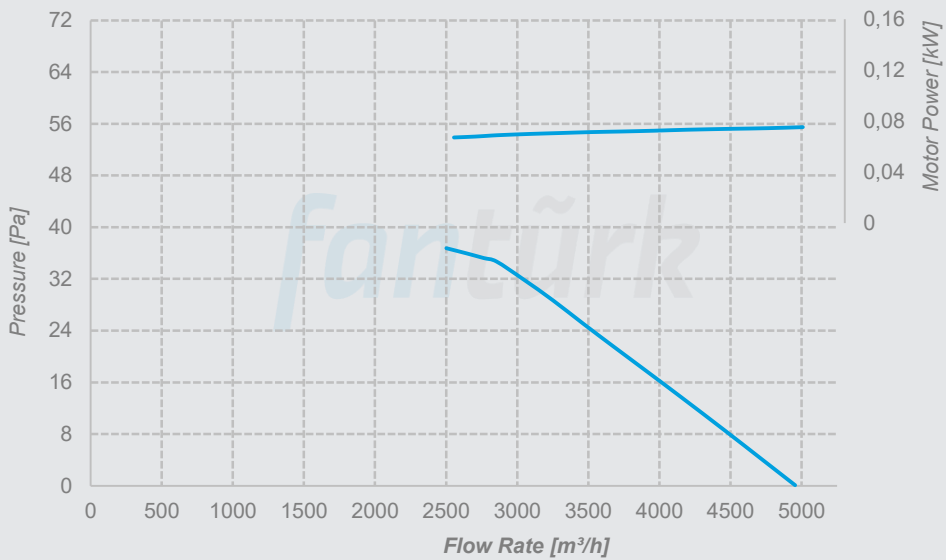
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

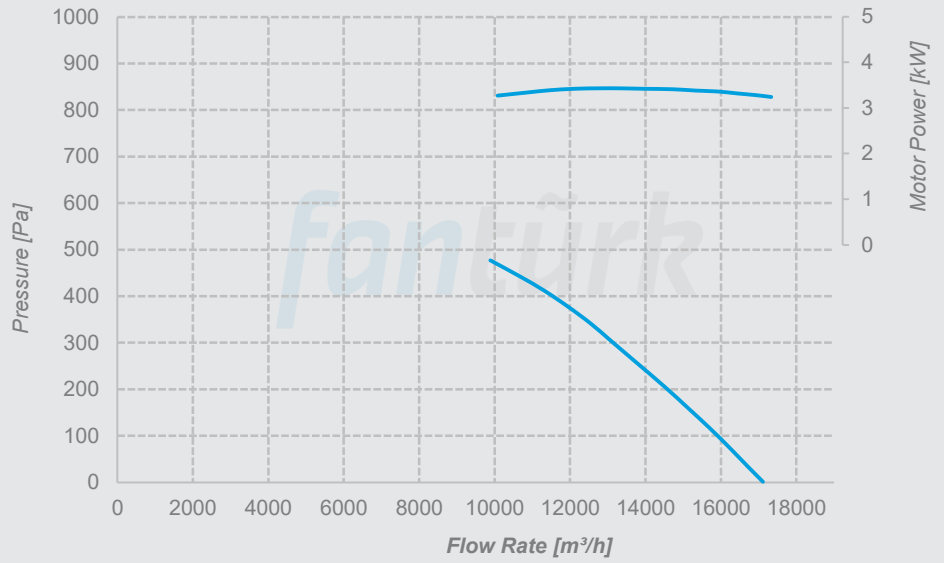
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

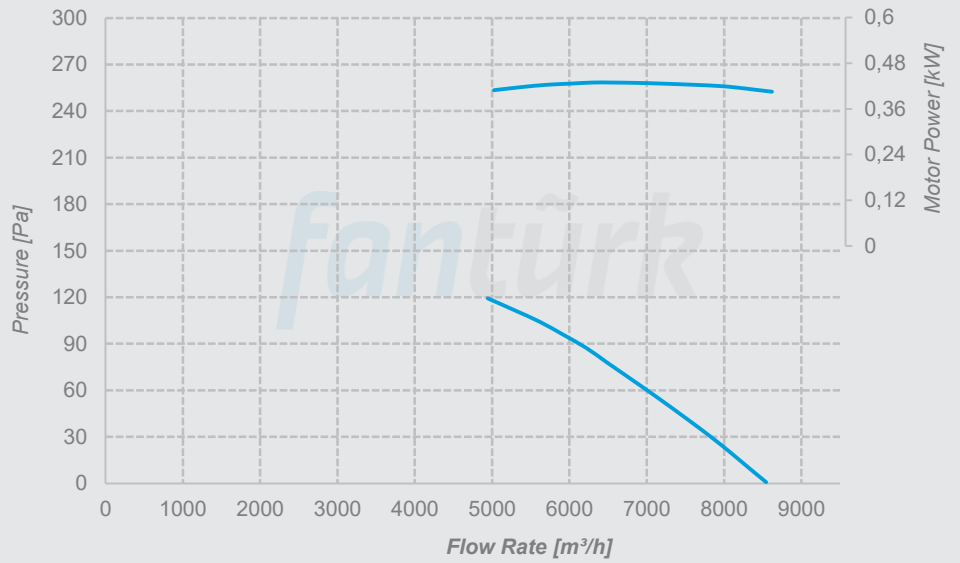
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



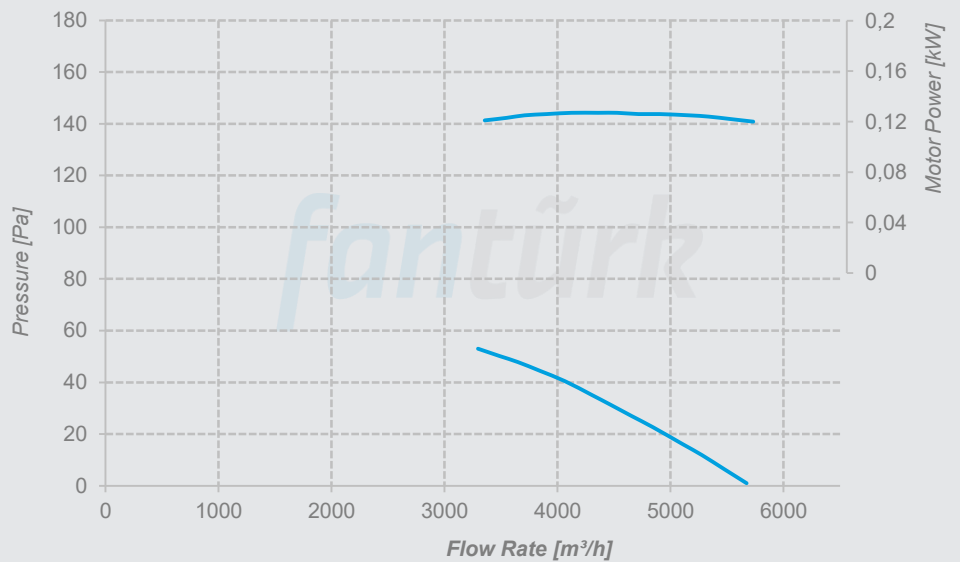
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum

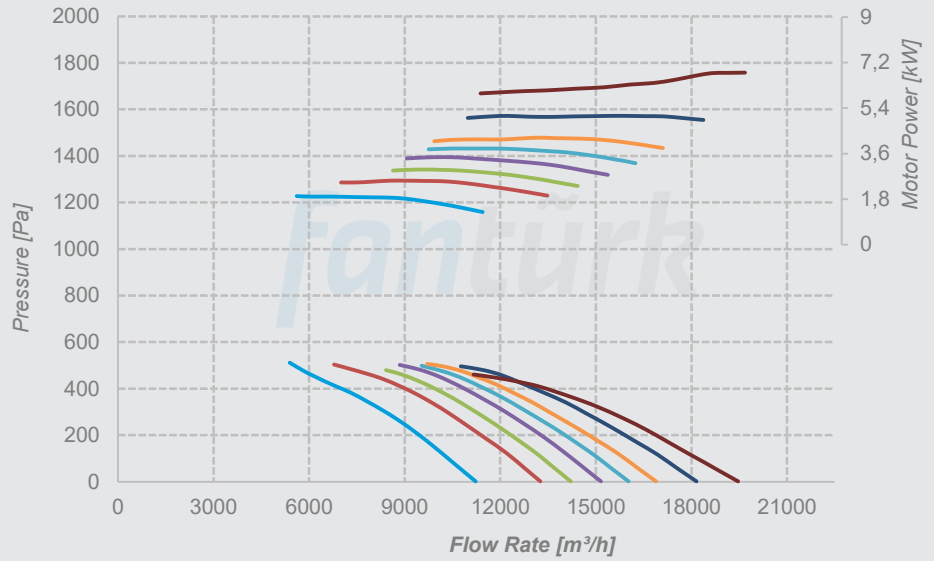


Performance Curves

P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 2
 Material Aluminum
 Pitch Angle

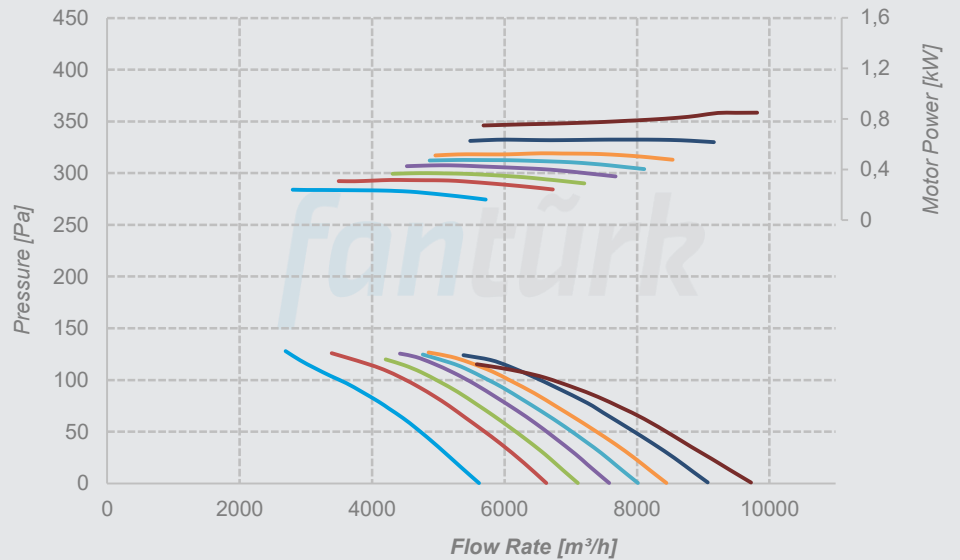
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

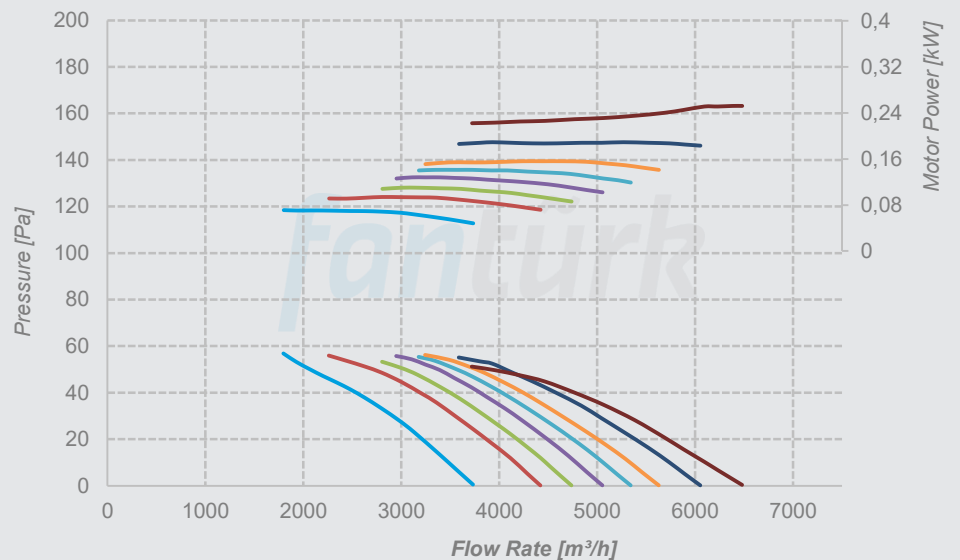
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

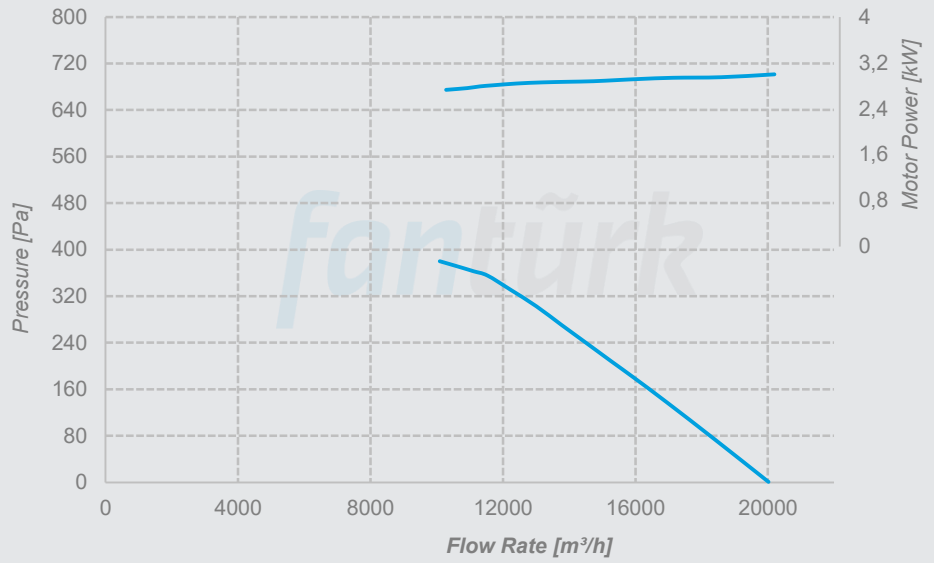
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



Performance Curves

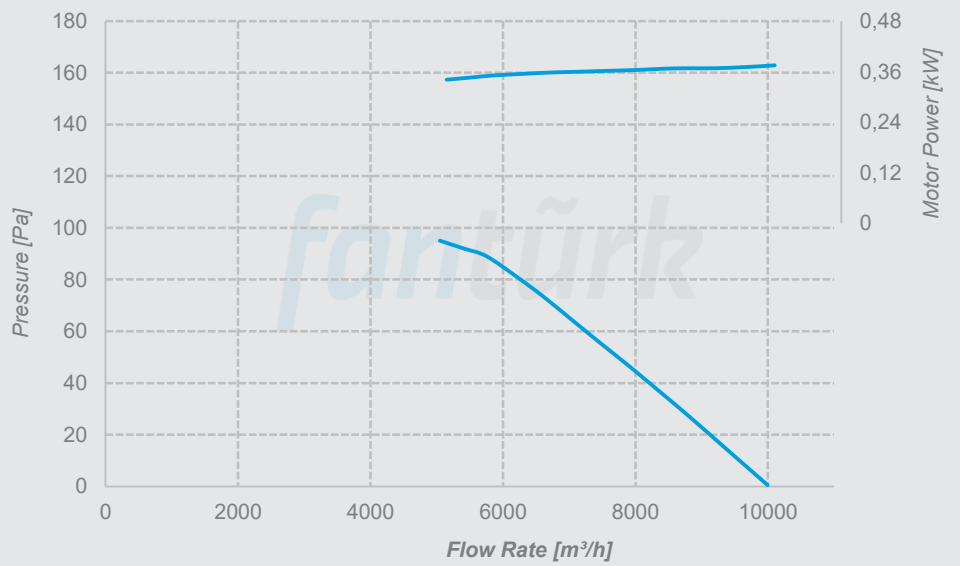
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



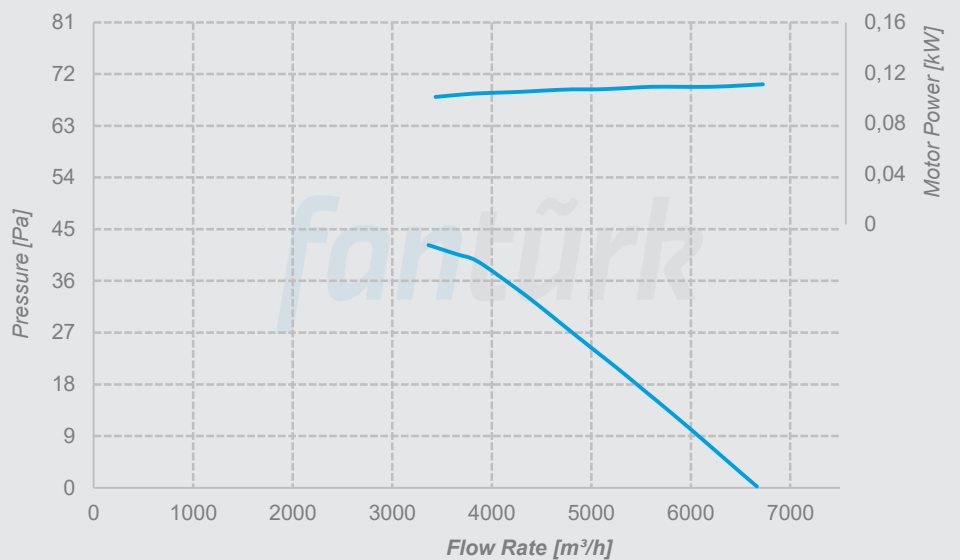
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

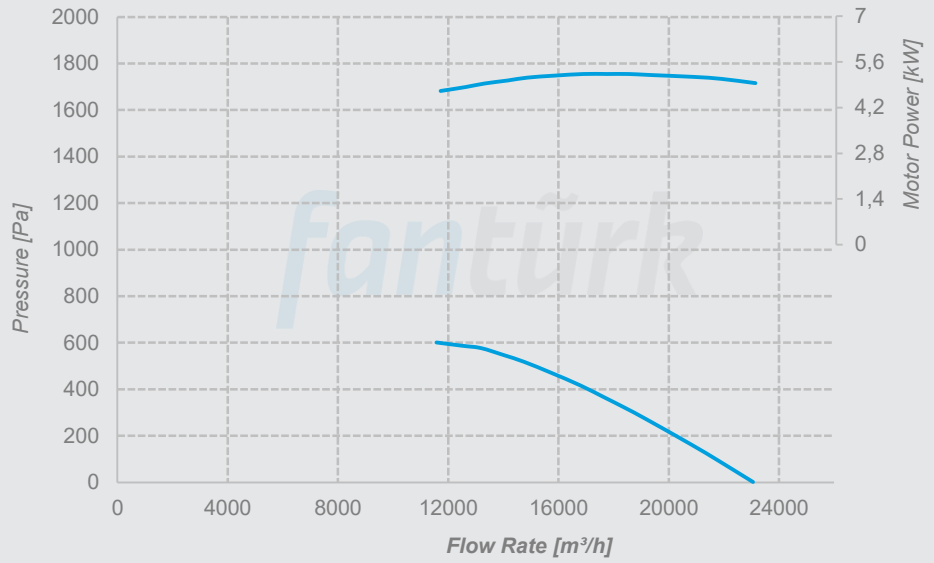
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

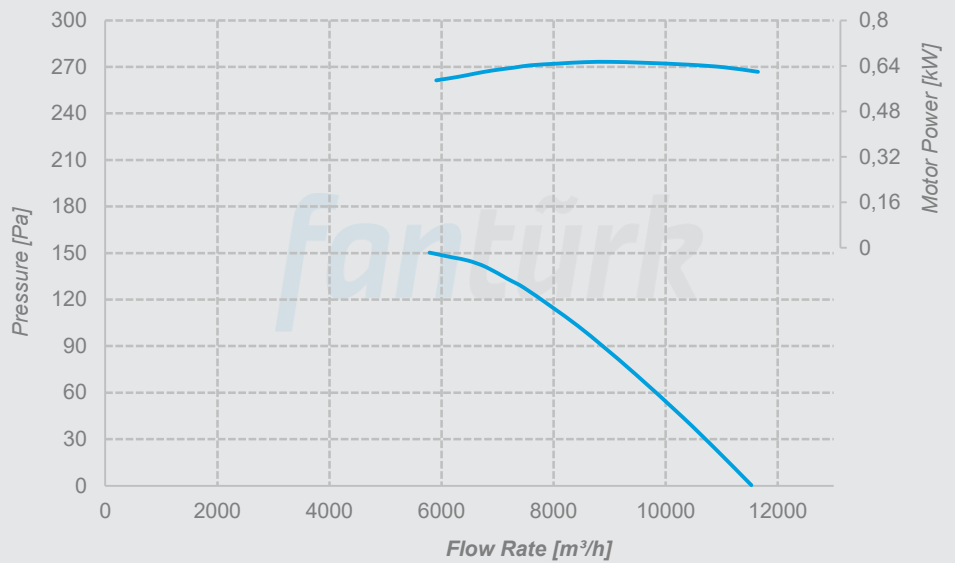
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 2
 Material Aluminum



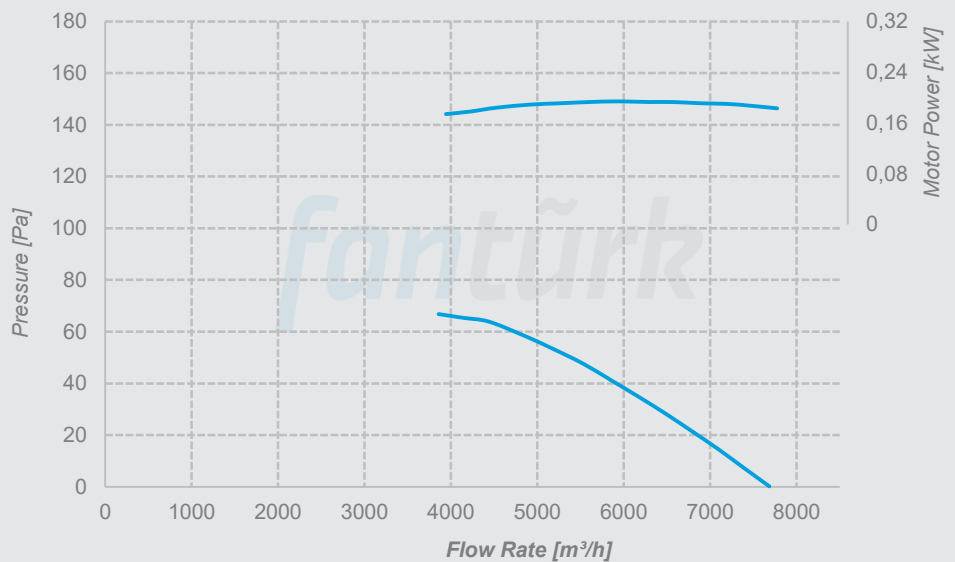
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 4
 Material Aluminum



P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 6
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum

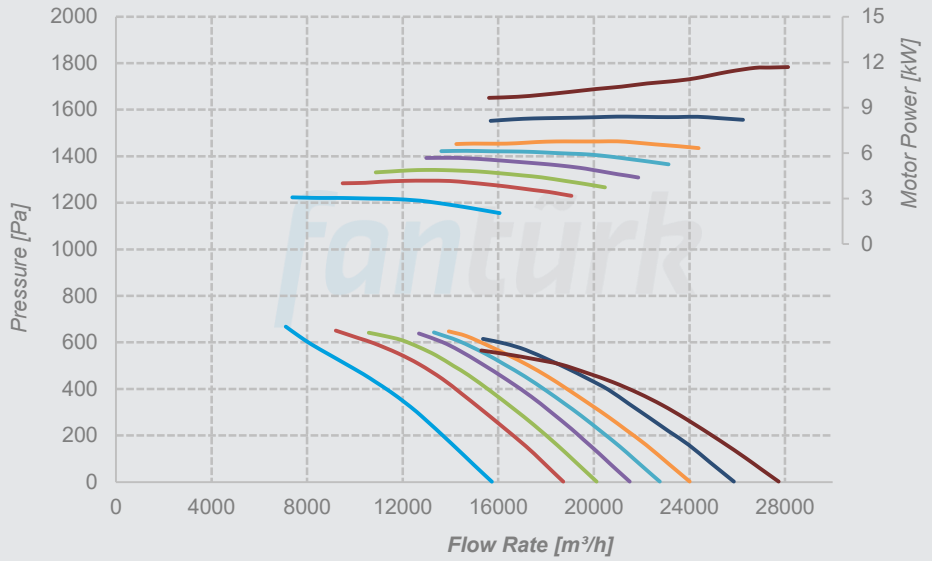


Performance Curves

P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 2
 Material Aluminum
 Pitch Angle

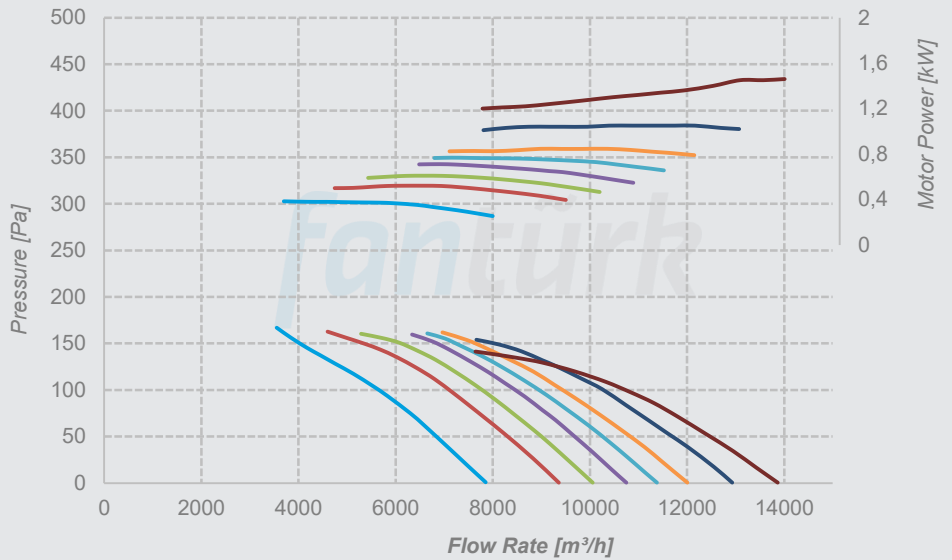
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

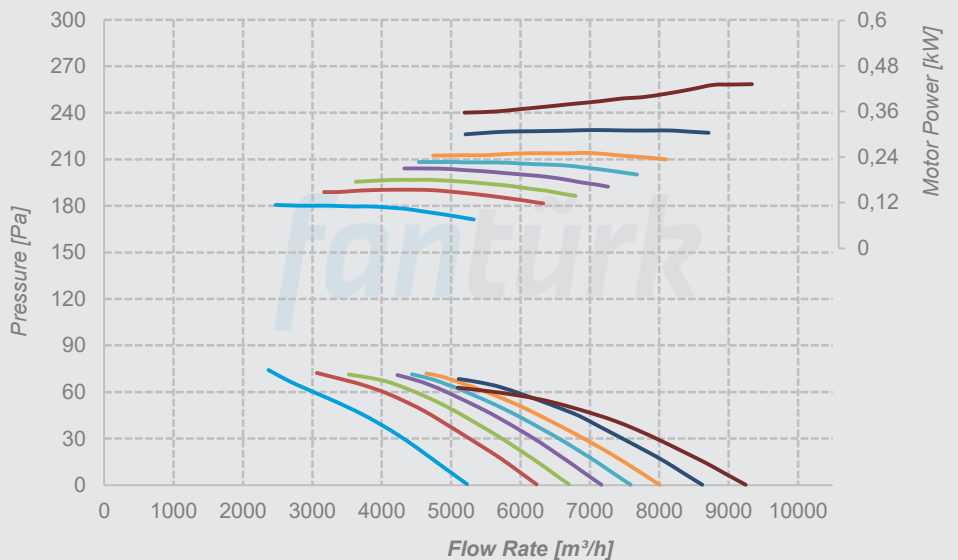
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

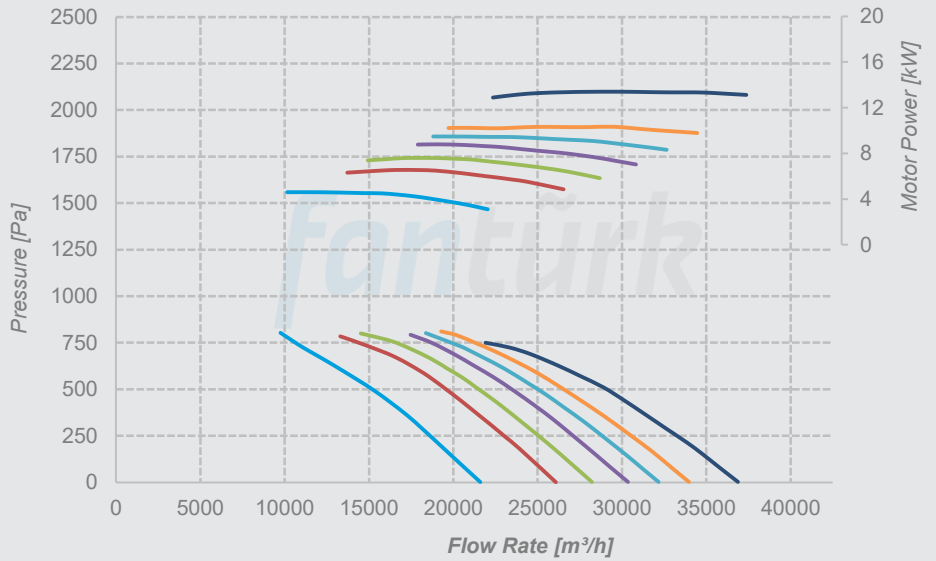


Performance Curves

P-FWA 630
Y-FWA 630
H-FWA 630
Ç-FWA 630

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 2
 Material Aluminum
 Pitch Angle

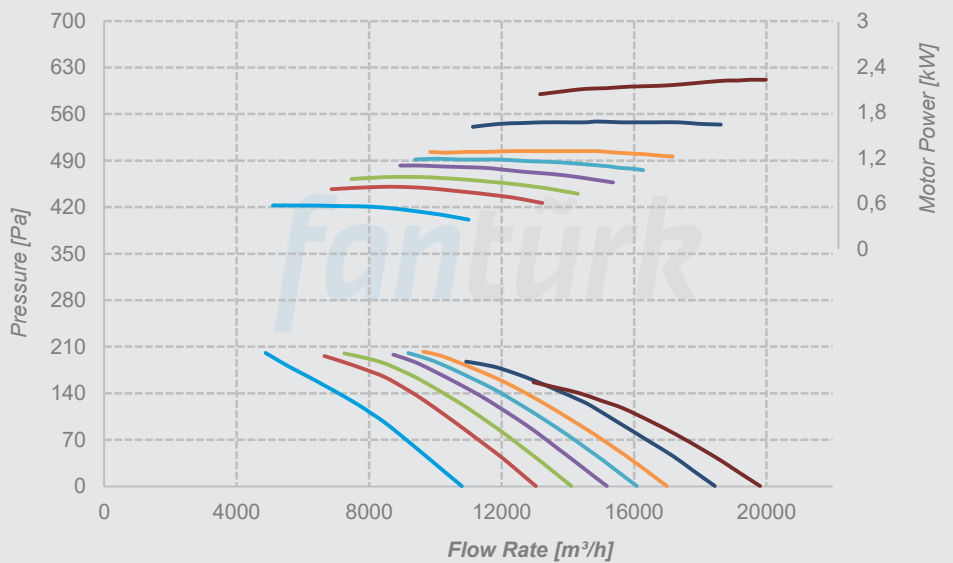
25° 30° 32,5°
 35° 37,5° 40°
 45°



P-FWA 630
Y-FWA 630
H-FWA 630
Ç-FWA 630

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

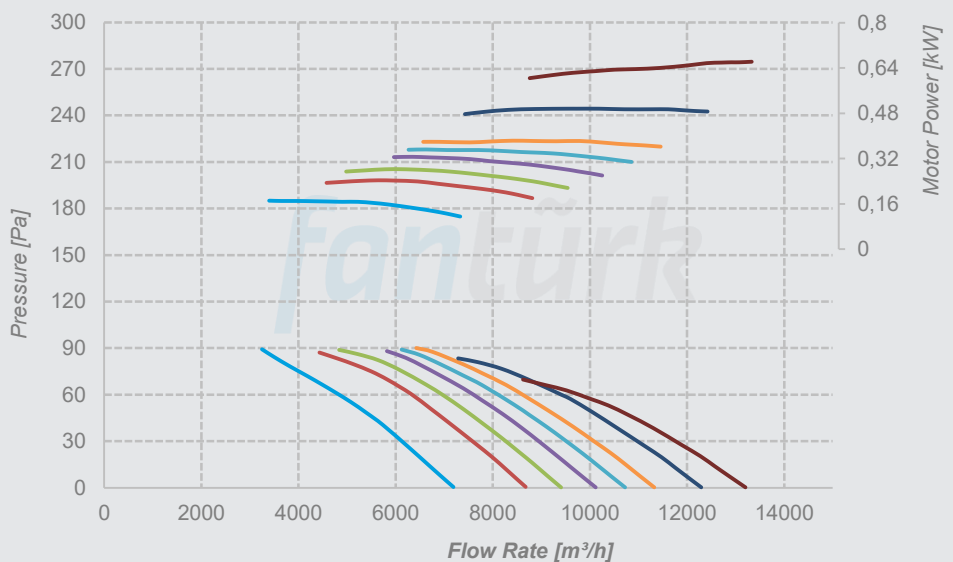
25° 30° 32,5°
 35° 37,5° 40°
 45° 50°



P-FWA 630
Y-FWA 630
H-FWA 630
Ç-FWA 630

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

25° 30° 32,5°
 35° 37,5° 40°
 45° 50°

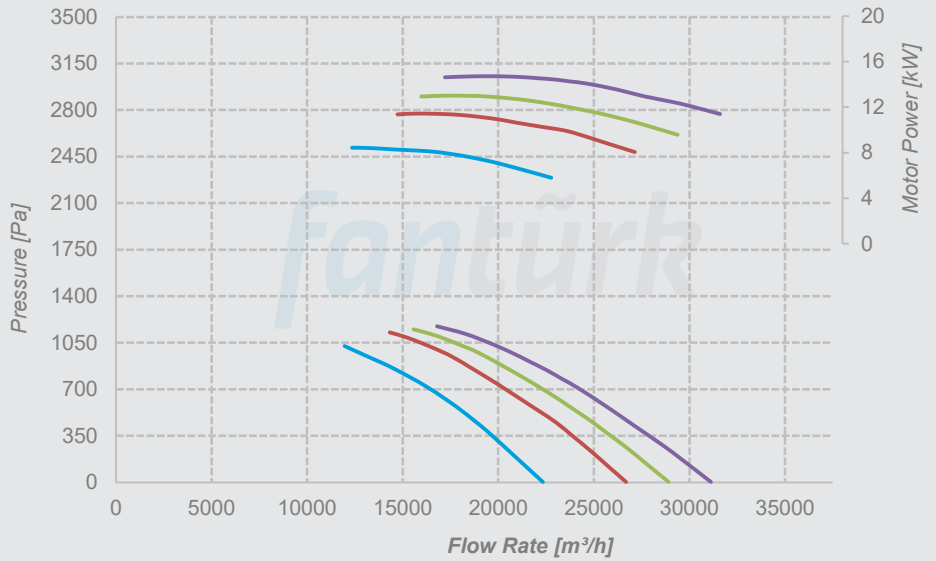


Performance Curves

P-FWA 630
Y-FWA 630
H-FWA 630
Ç-FWA 630

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 2
 Material Aluminum
 Pitch Angle

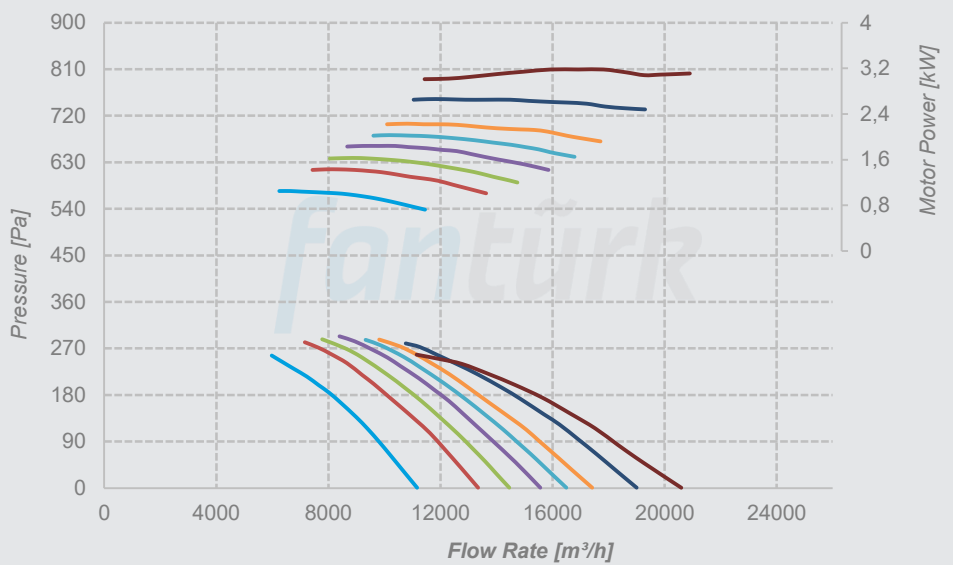
— 25° — 30°
 — 32,5° — 35°



P-FWA 630
Y-FWA 630
H-FWA 630
Ç-FWA 630

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

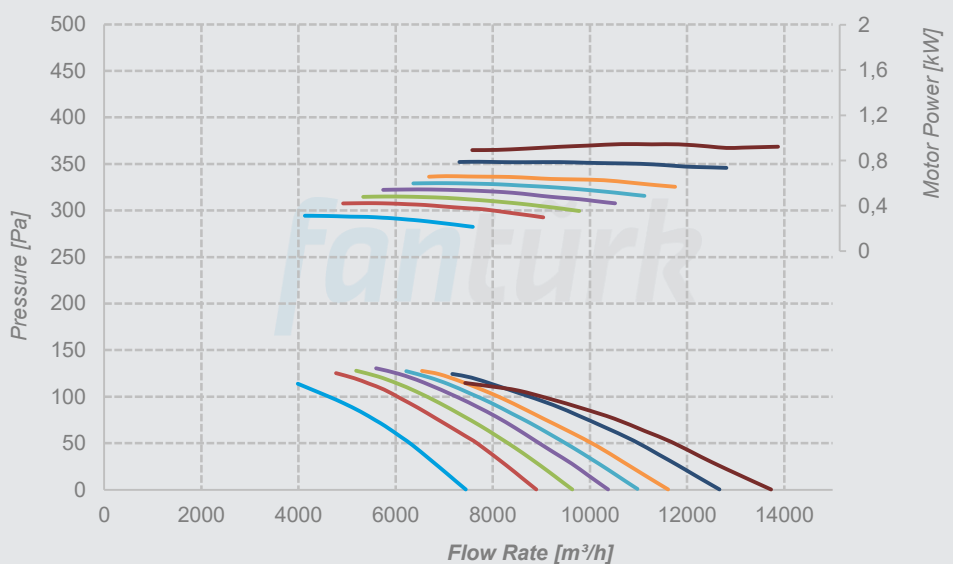
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



P-FWA 630
Y-FWA 630
H-FWA 630
Ç-FWA 630

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°

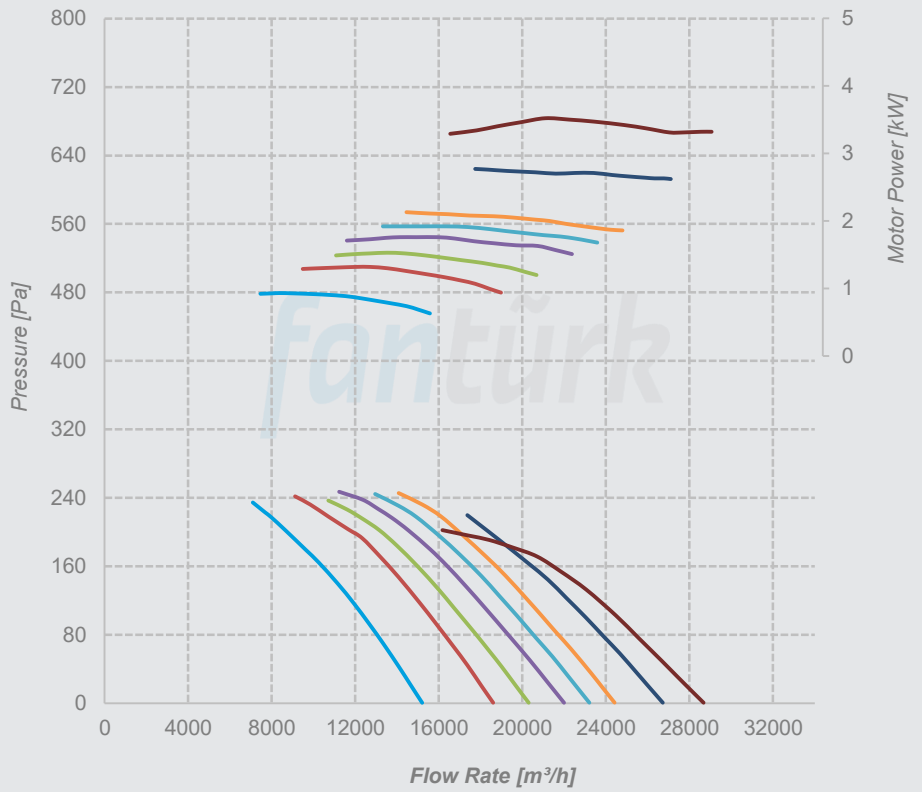


Performance Curves

P-FWA 710
Y-FWA 710
H-FWA 710
Ç-FWA 710

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

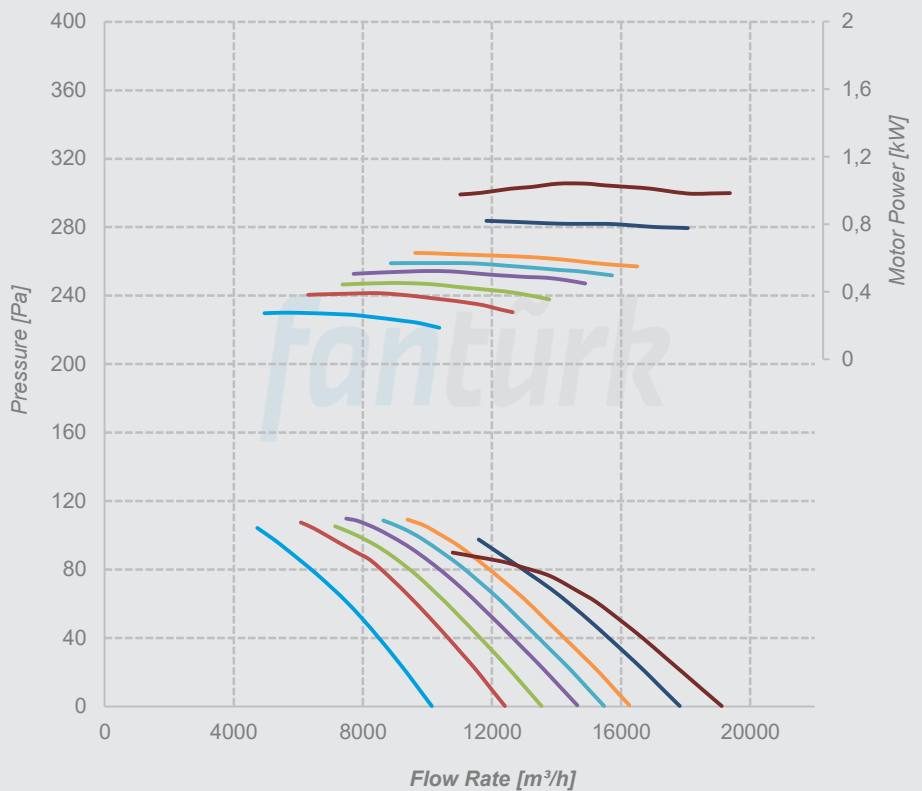
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 710
Y-FWA 710
H-FWA 710
Ç-FWA 710

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

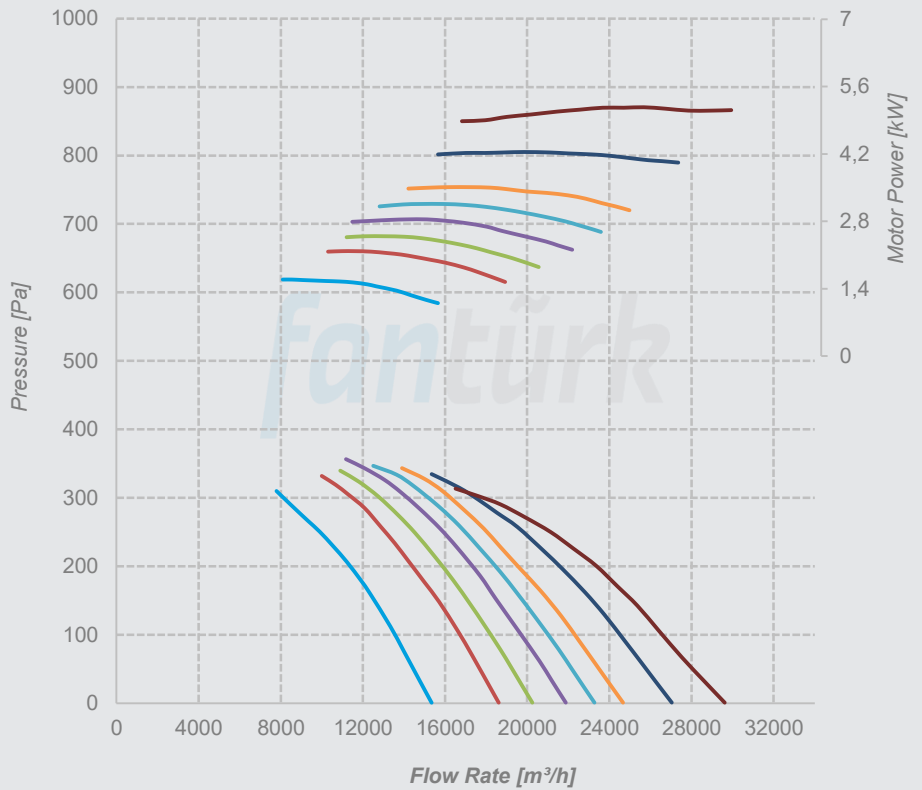


Performance Curves

P-FWA 710
Y-FWA 710
H-FWA 710
Ç-FWA 710

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

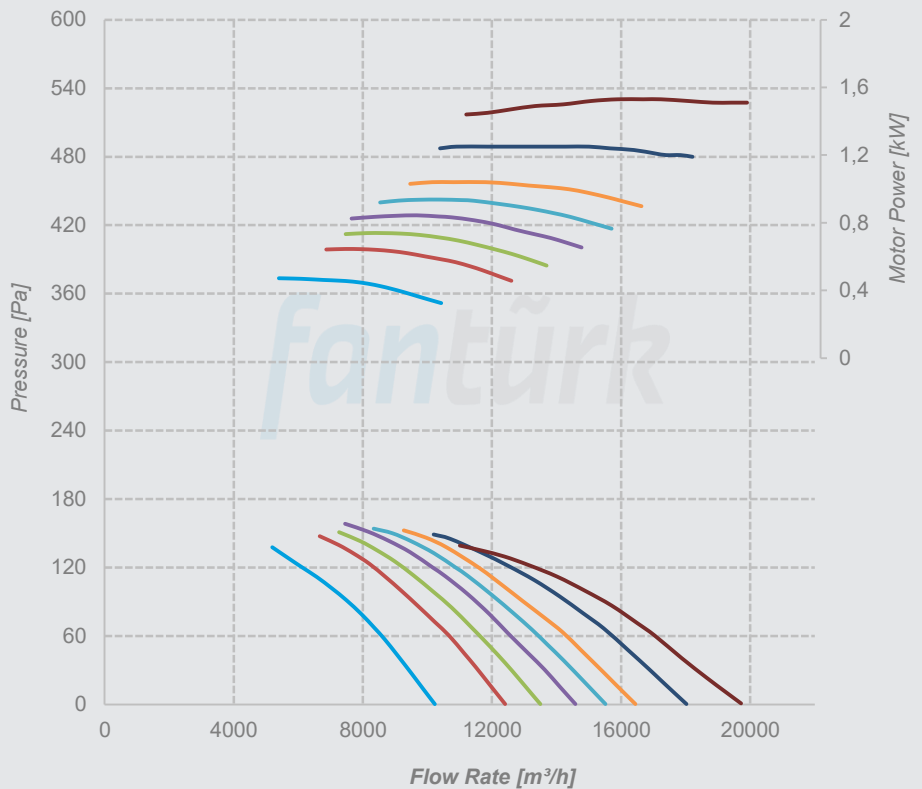
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 710
Y-FWA 710
H-FWA 710
Ç-FWA 710

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

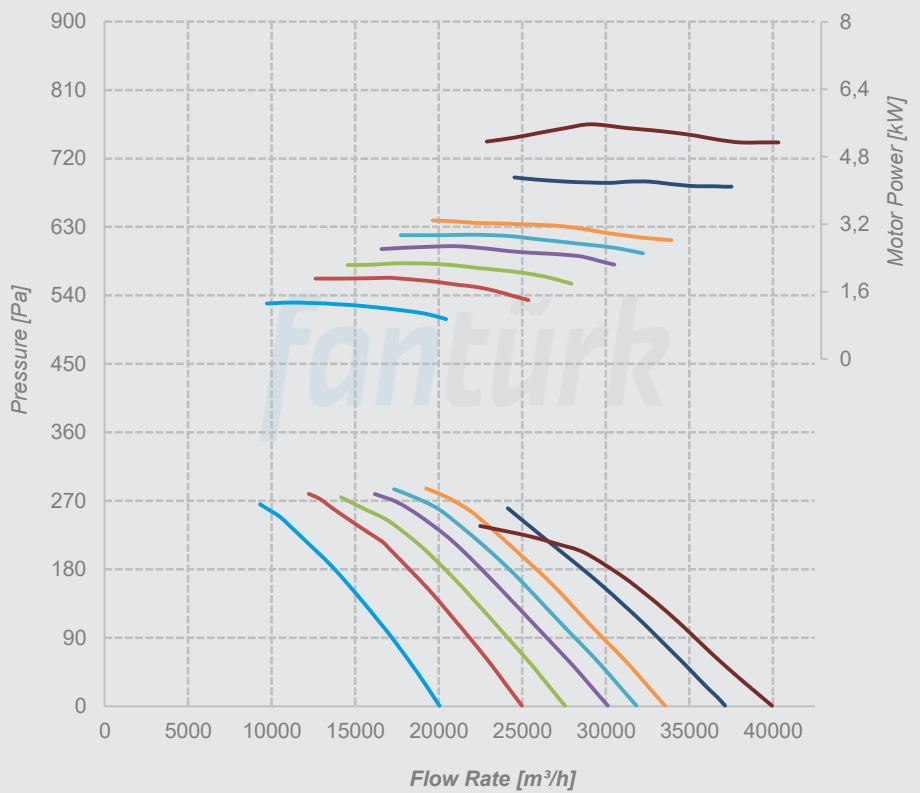


Performance Curves

P-FWA 800
Y-FWA 800
H-FWA 800
Ç-FWA 800

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

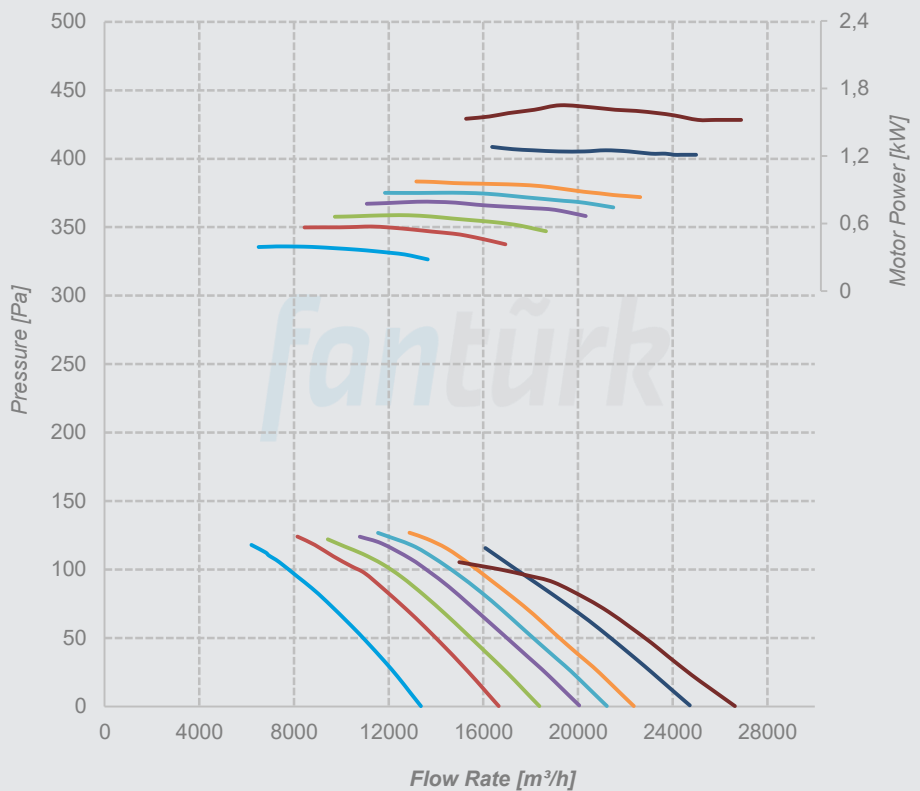
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 800
Y-FWA 800
H-FWA 800
Ç-FWA 800

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

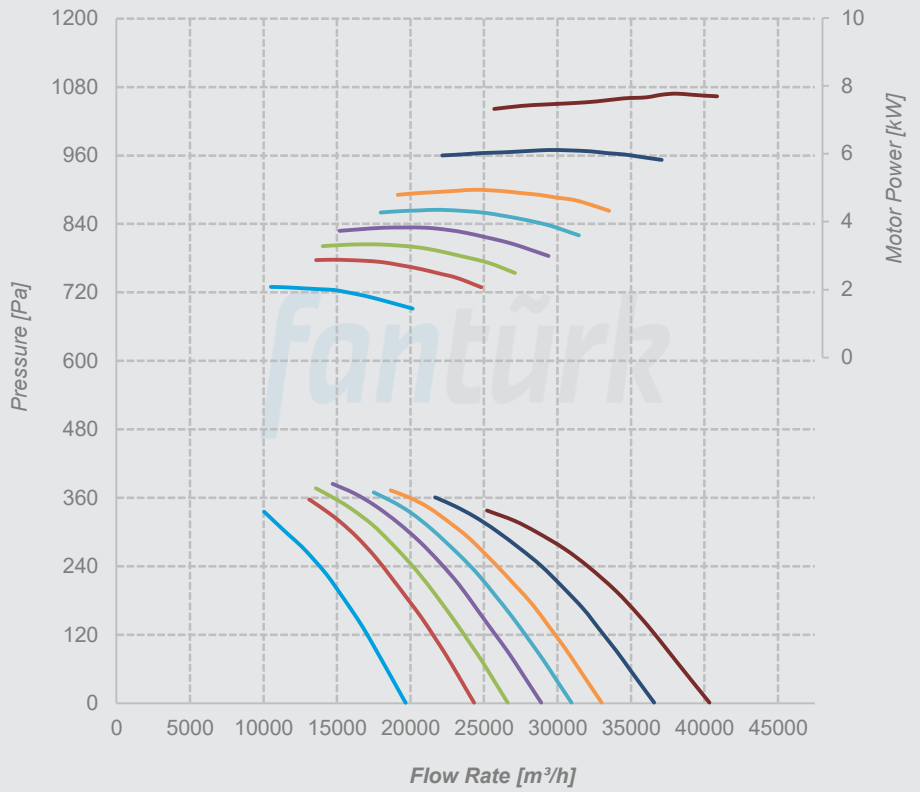


Performance Curves

P-FWA 800
Y-FWA 800
H-FWA 800
Ç-FWA 800

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

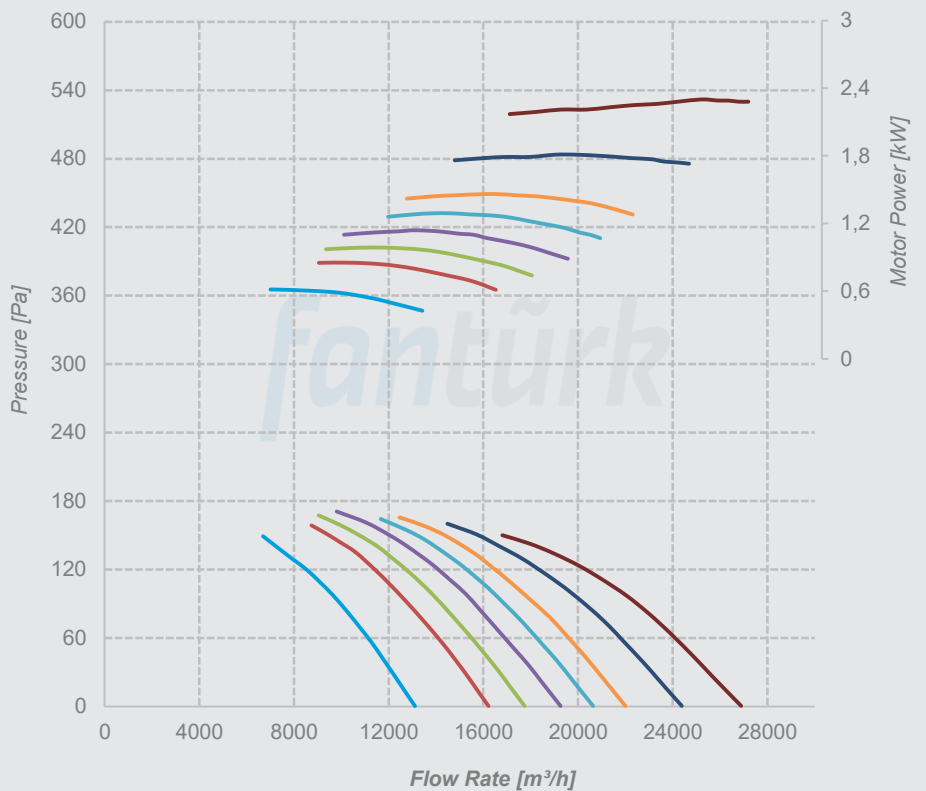
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 800
Y-FWA 800
H-FWA 800
Ç-FWA 800

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

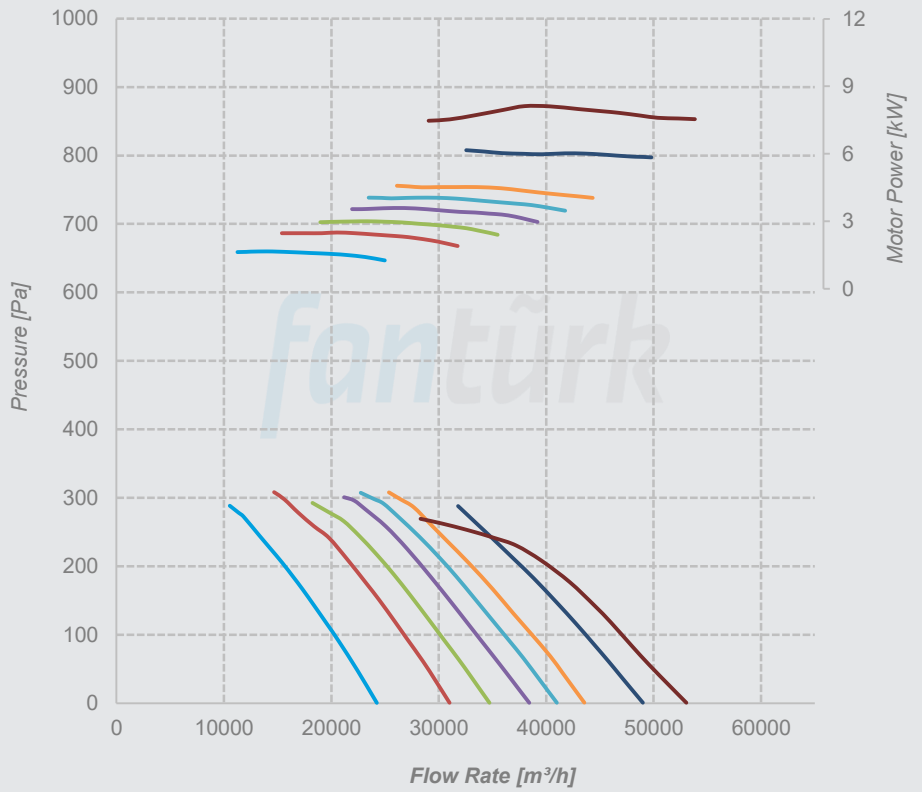


Performance Curves

P-FWA 900
Y-FWA 900
H-FWA 900
Ç-FWA 900

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

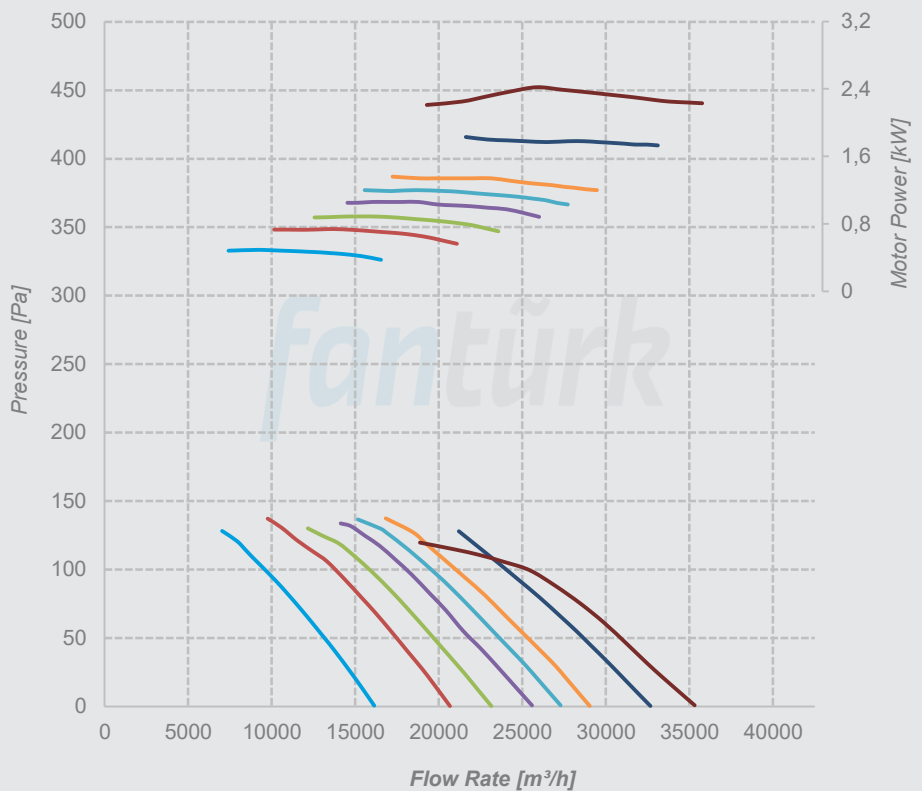
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 900
Y-FWA 900
H-FWA 900
Ç-FWA 900

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

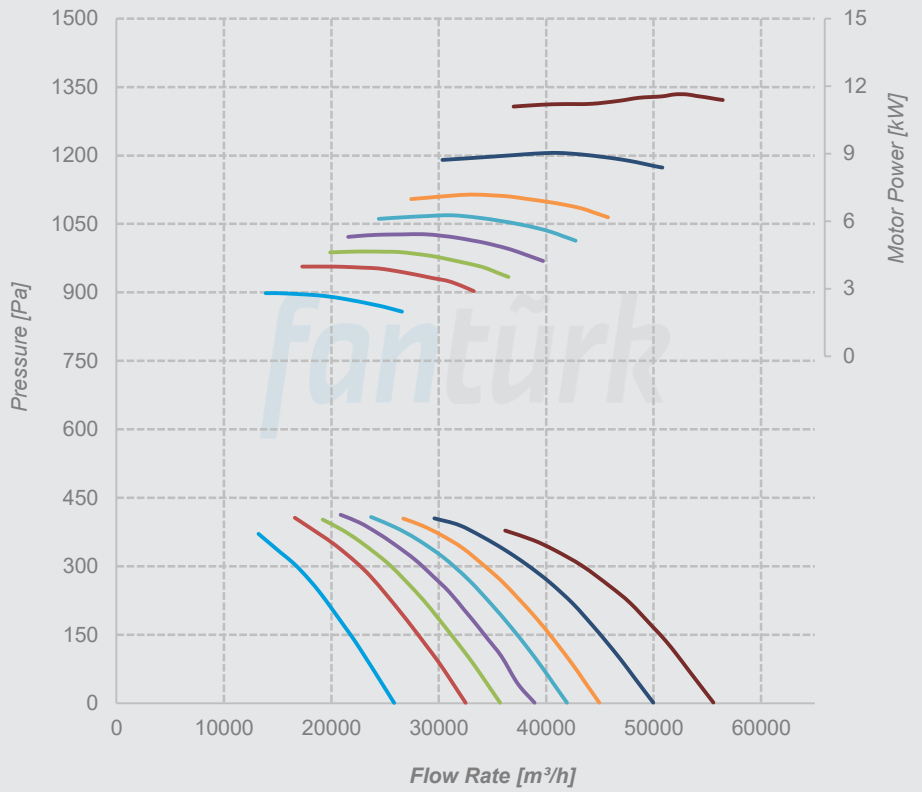


Performance Curves

P-FWA 900
Y-FWA 900
H-FWA 900
Ç-FWA 900

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

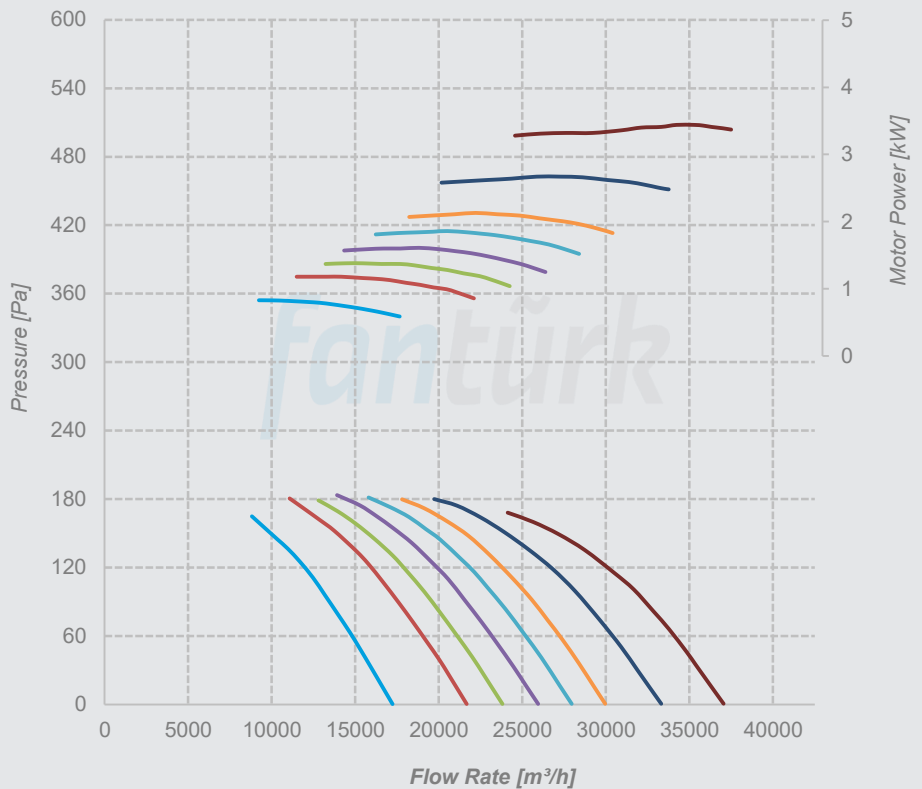
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 900
Y-FWA 900
H-FWA 900
Ç-FWA 900

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

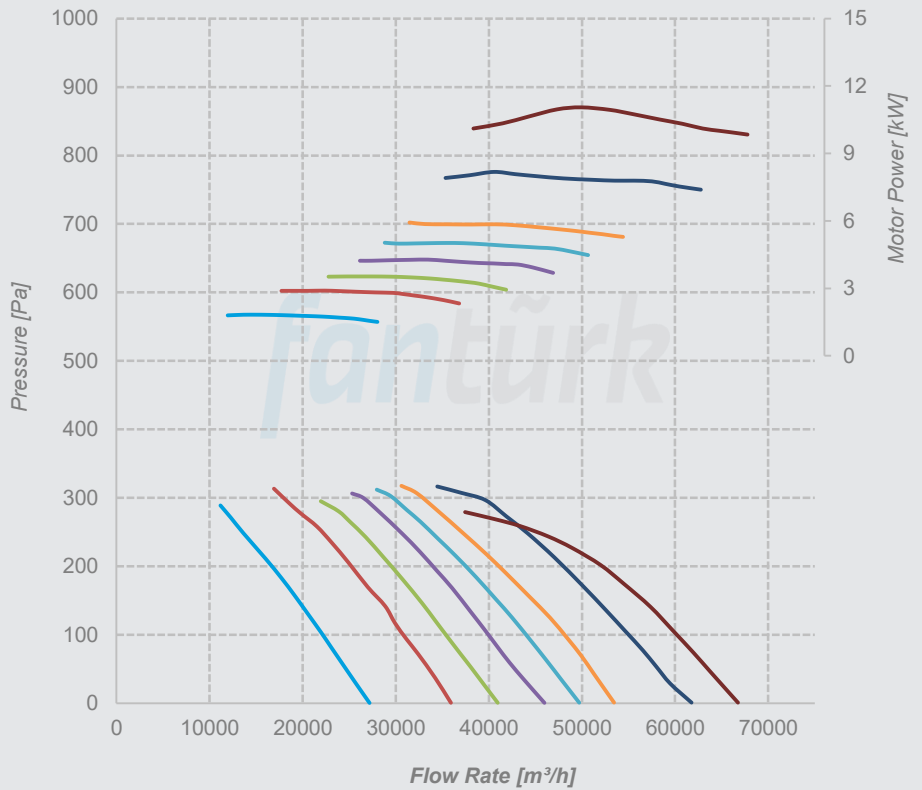


Performance Curves

P-FWA 1000
Y-FWA 1000
H-FWA 1000
Ç-FWA 1000

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

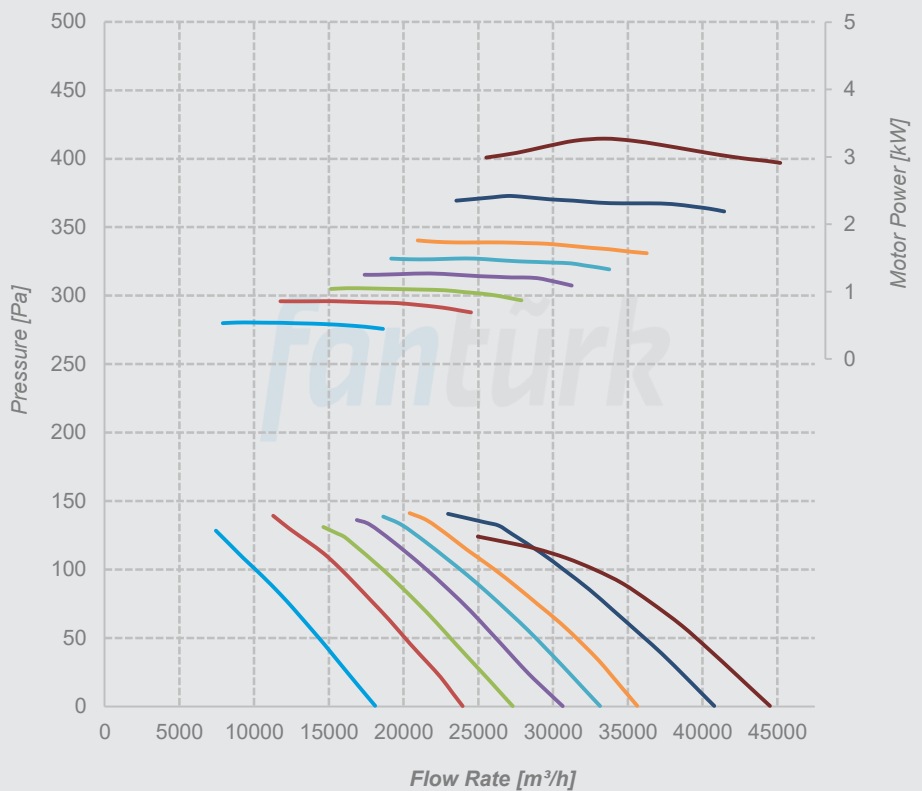
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1000
Y-FWA 1000
H-FWA 1000
Ç-FWA 1000

Nos. of Blades 5
 Hub Size 5
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

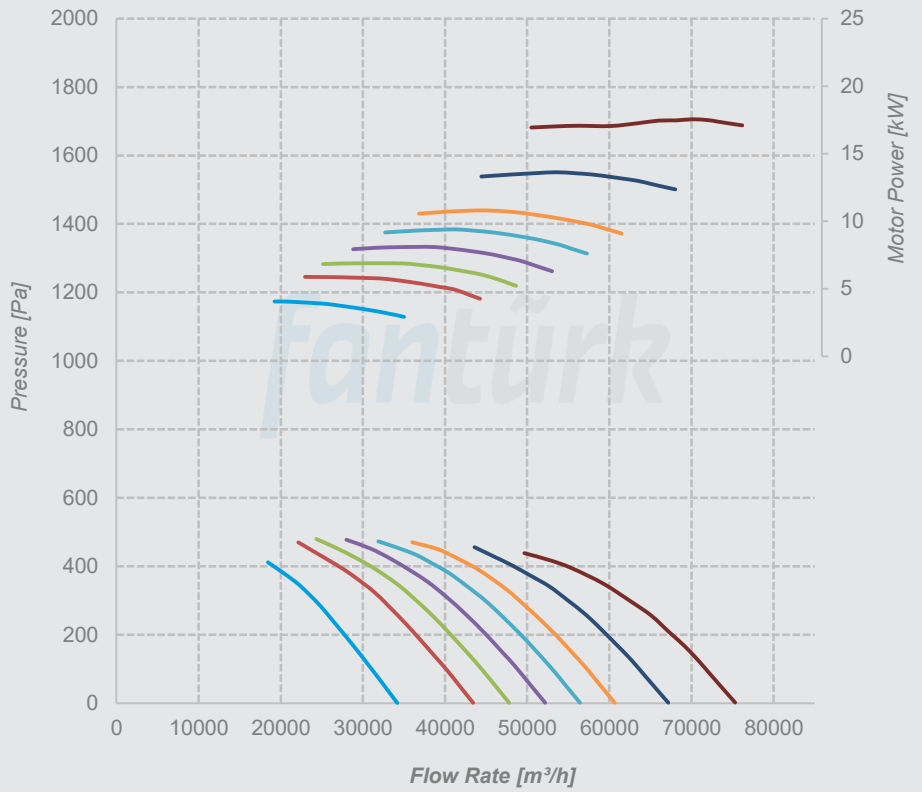


Performance Curves

P-FWA 1000
Y-FWA 1000
H-FWA 1000
Ç-FWA 1000

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

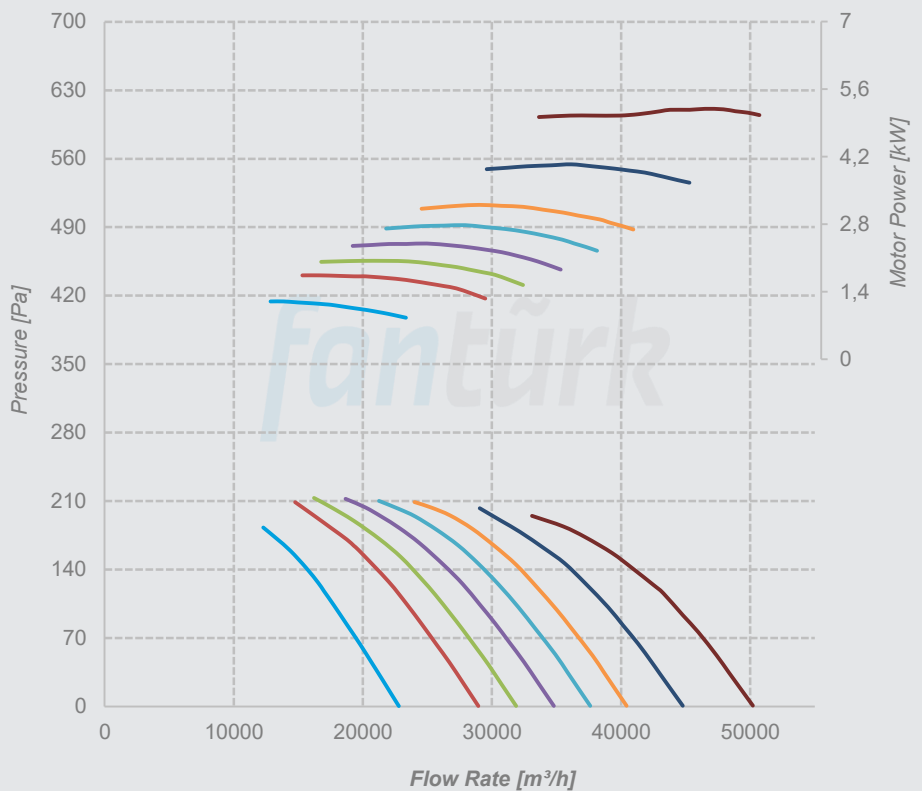
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1000
Y-FWA 1000
H-FWA 1000
Ç-FWA 1000

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

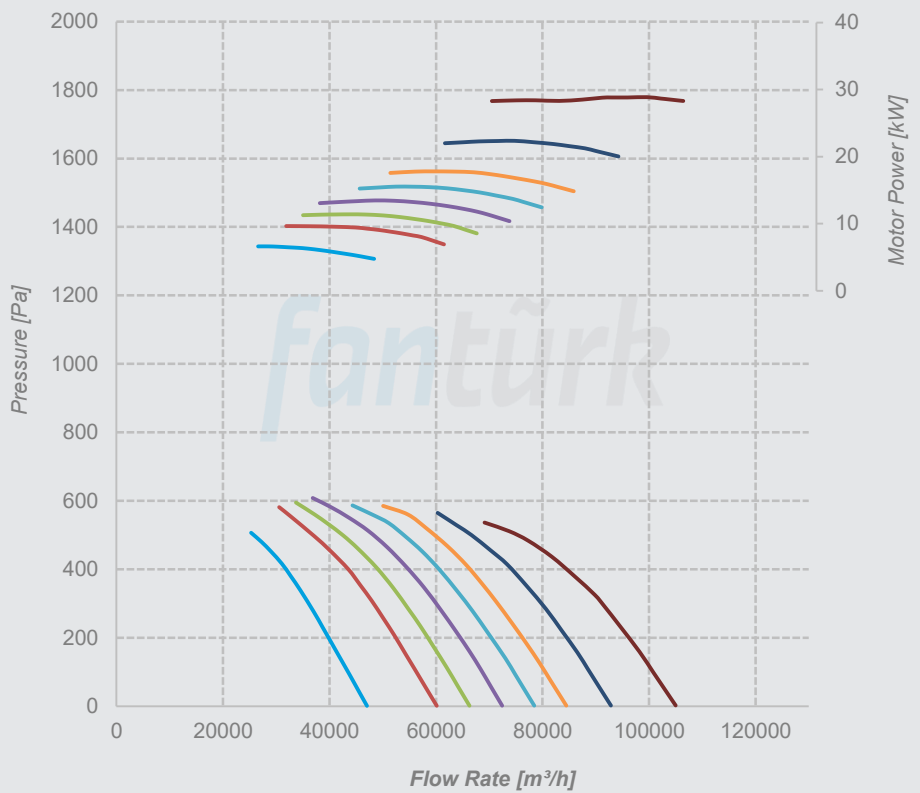


Performance Curves

P-FWA 1120
Y-FWA 1120
H-FWA 1120
Ç-FWA 1120

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

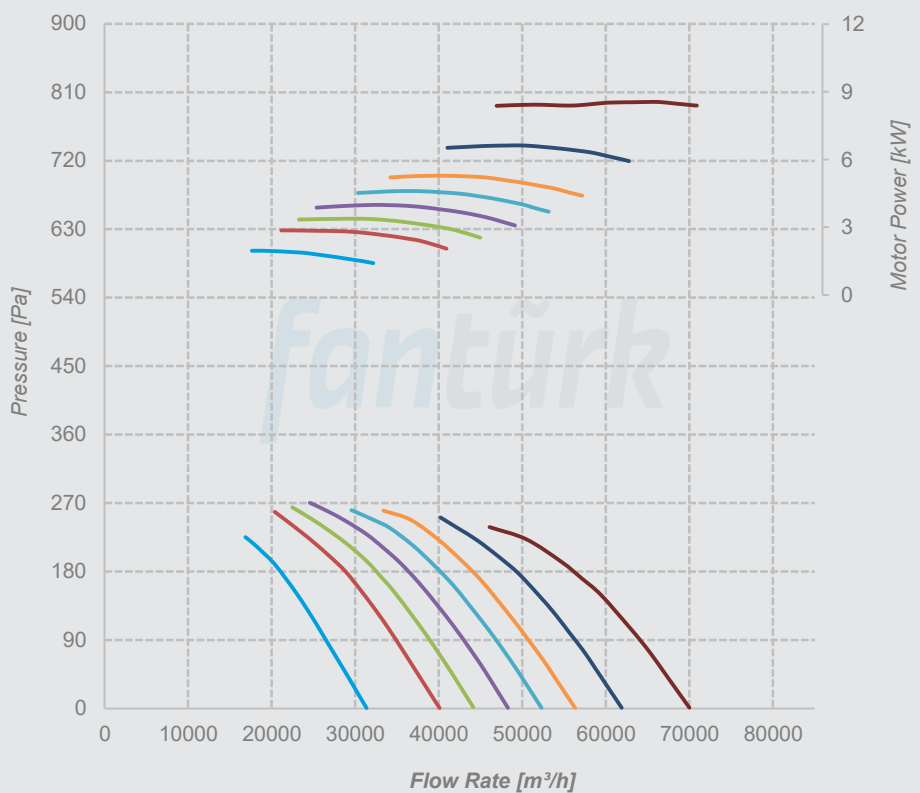
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1120
Y-FWA 1120
H-FWA 1120
Ç-FWA 1120

Nos. of Blades 8
 Hub Size 8
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

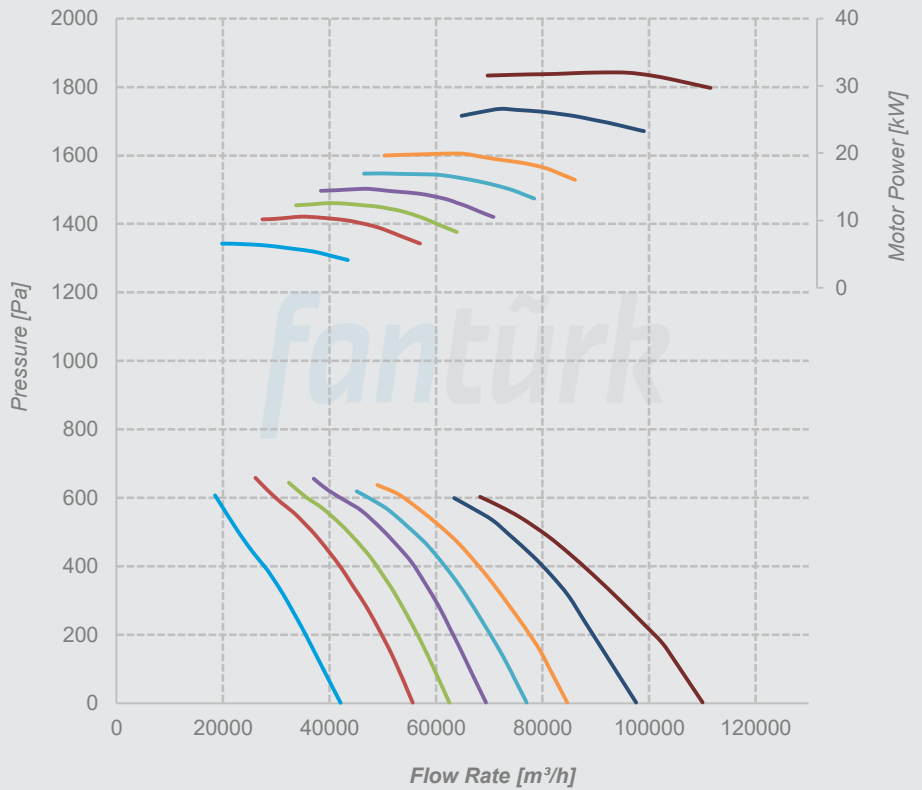


Performance Curves

P-FWA 1120
Y-FWA 1120
H-FWA 1120
Ç-FWA 1120

Nos. of Blades 12
 Hub Size 12
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

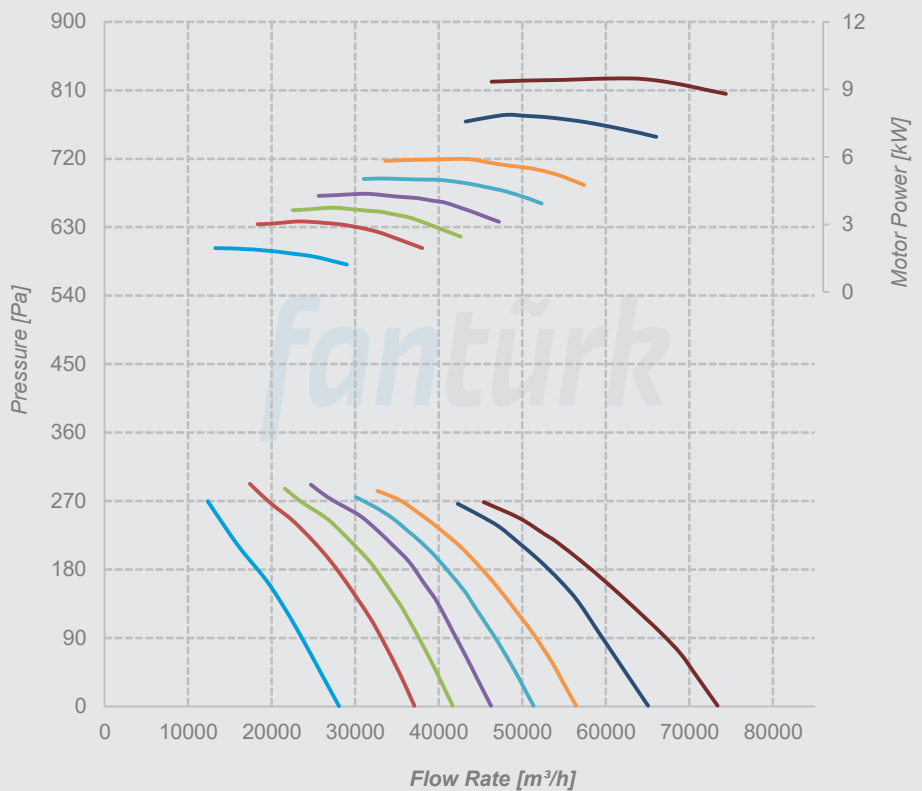
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1120
Y-FWA 1120
H-FWA 1120
Ç-FWA 1120

Nos. of Blades 12
 Hub Size 12
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

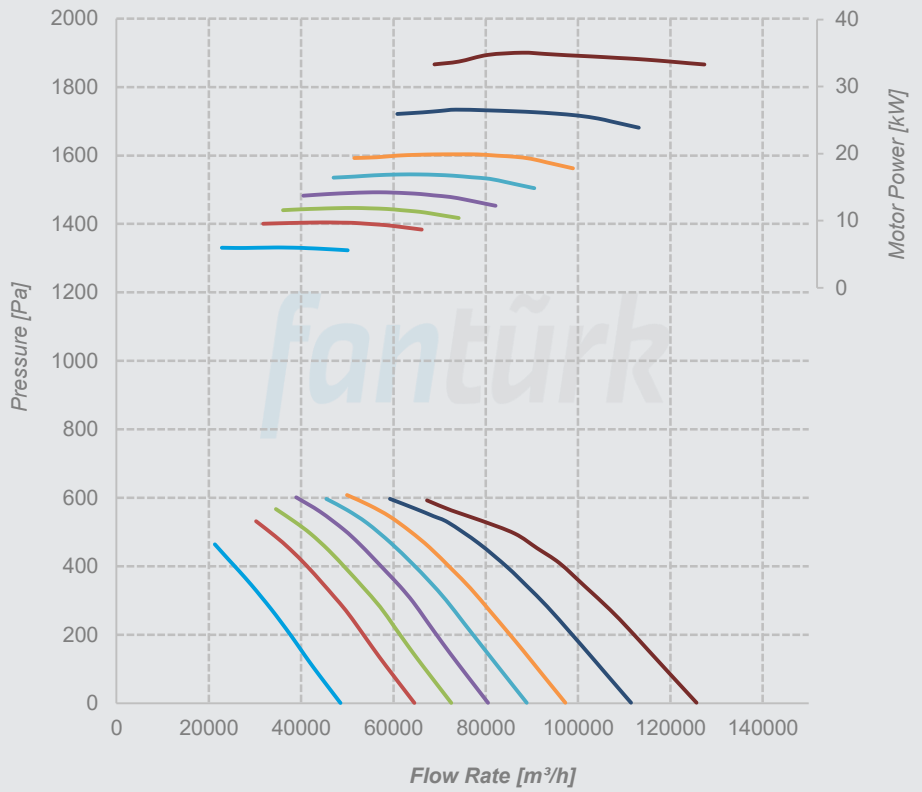


Performance Curves

P-FWA 1250
Y-FWA 1250
H-FWA 1250
Ç-FWA 1250

Nos. of Blades 8
 Hub Size 16
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

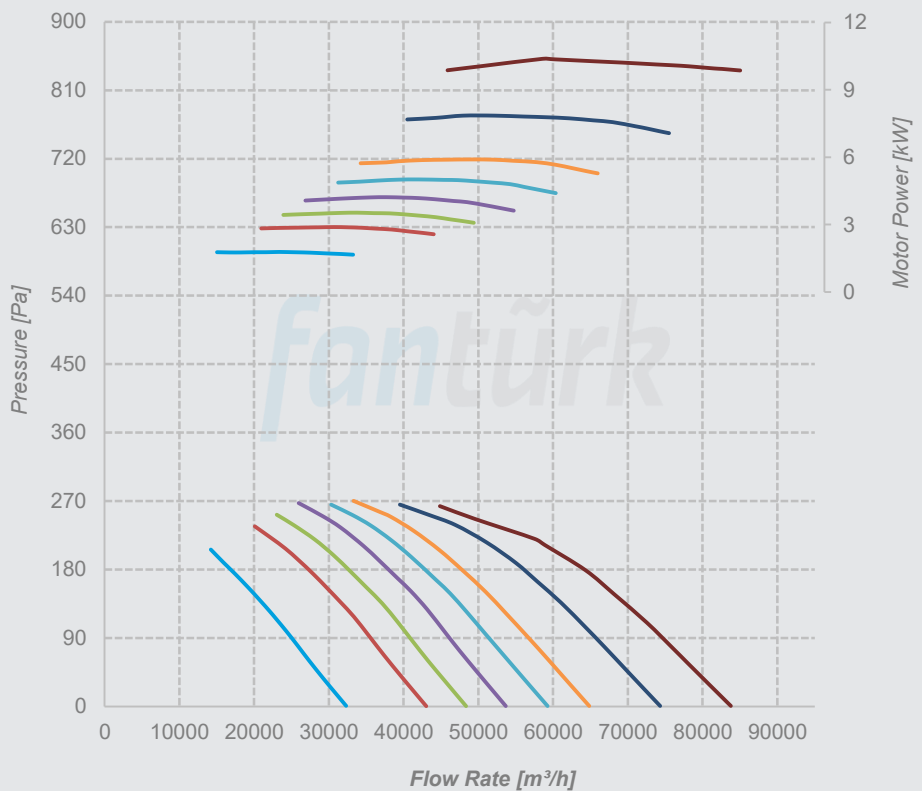
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1250
Y-FWA 1250
H-FWA 1250
Ç-FWA 1250

Nos. of Blades 8
 Hub Size 16
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

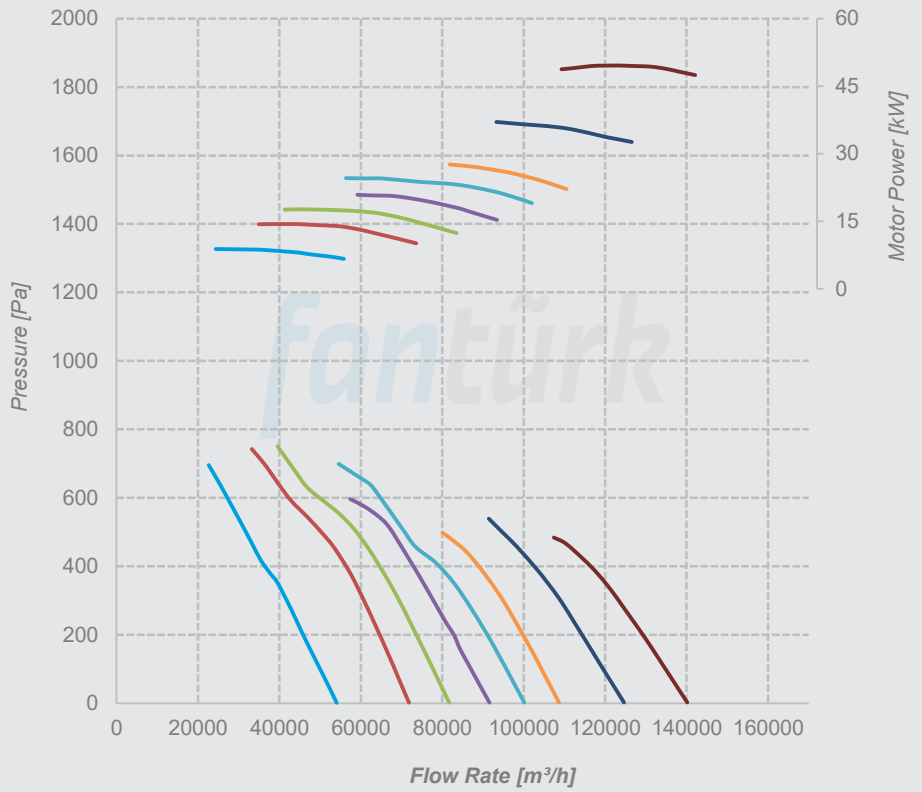


Performance Curves

P-FWA 1250
Y-FWA 1250
H-FWA 1250
Ç-FWA 1250

Nos. of Blades 12
 Hub Size 16
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

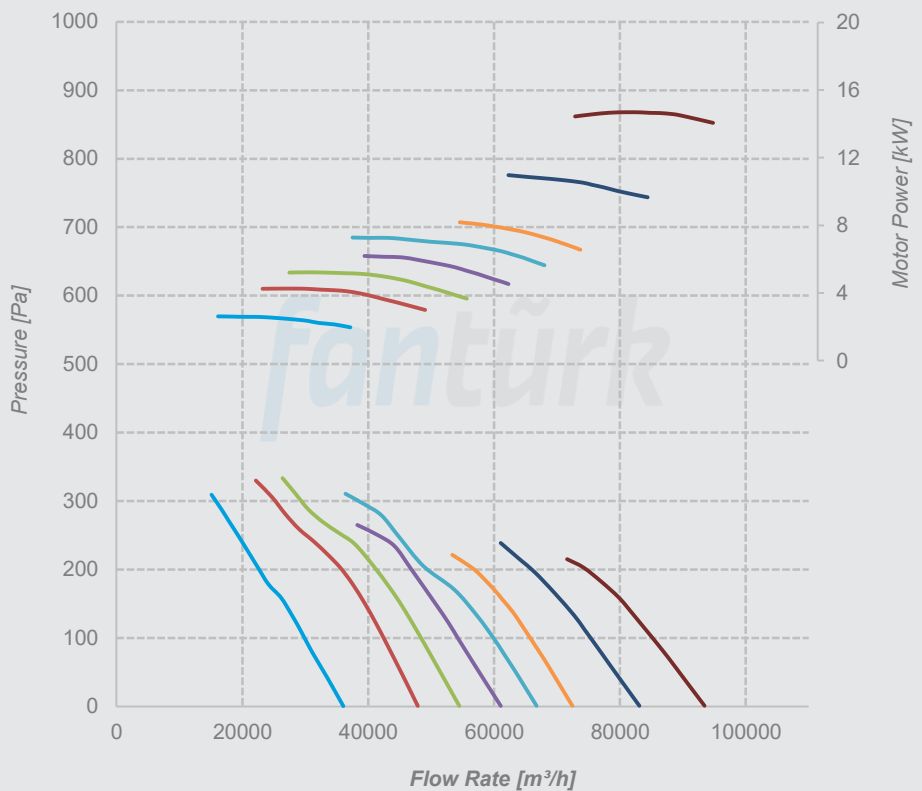
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1250
Y-FWA 1250
H-FWA 1250
Ç-FWA 1250

Nos. of Blades 12
 Hub Size 16
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°

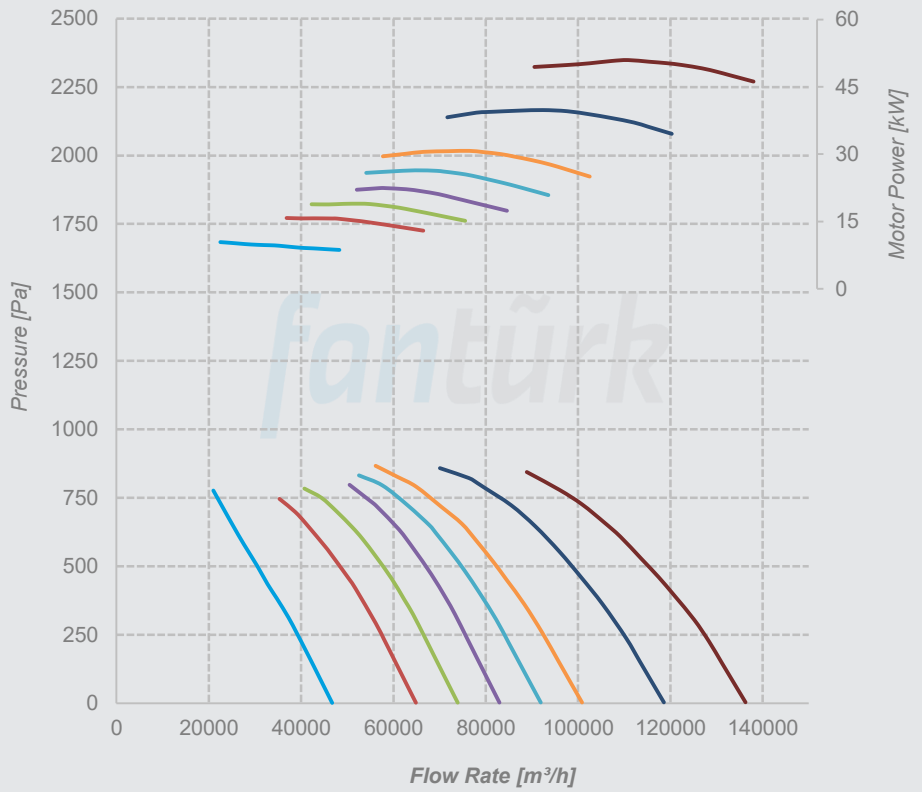


Performance Curves

P-FWA 1250
Y-FWA 1250
H-FWA 1250
Ç-FWA 1250

Nos. of Blades 16
 Hub Size 16
 Nos. of Poles 4
 Material Aluminum
 Pitch Angle

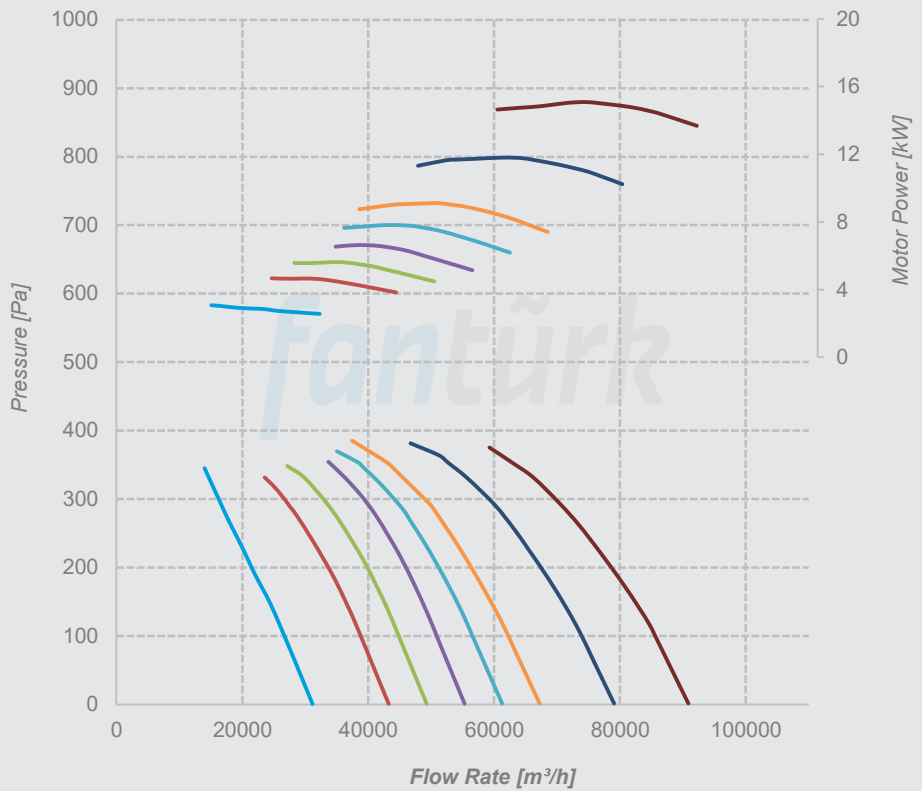
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



P-FWA 1250
Y-FWA 1250
H-FWA 1250
Ç-FWA 1250

Nos. of Blades 16
 Hub Size 16
 Nos. of Poles 6
 Material Aluminum
 Pitch Angle

- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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fanturk.com.tr



Product Catalogue



T-FWA Tunnel Jet Fan



General Features

The products have fire-resistant certificate and tested for working for 2 hours at 400 °C in international accredited organizations according to EN 12101-3 standard.

It is manufactured between Ø560mm and Ø1600mm diameters.

According to the Project two-speed or single-speed options are available. Reversible propeller is standart.

Fan Body

T-FWA Axial Jet Fan models are manufactured from high quality S355 sheet.

Propeller

The propellers are made of special aluminum alloy with adjustable blade angles. According to the project, it can operate in the same performance in both blowing directions thanks to its reversible blade structure. Complies with international standards.

Motor

It is manufactured as standard (380 V - 50 Hz) or other voltages and frequencies (400/415/440 V -50 Hz) on request. As a standard, Class H, S1, IP55 single-speed or double-speed motors with a resistance of 2 hours to 400 degrees are used.

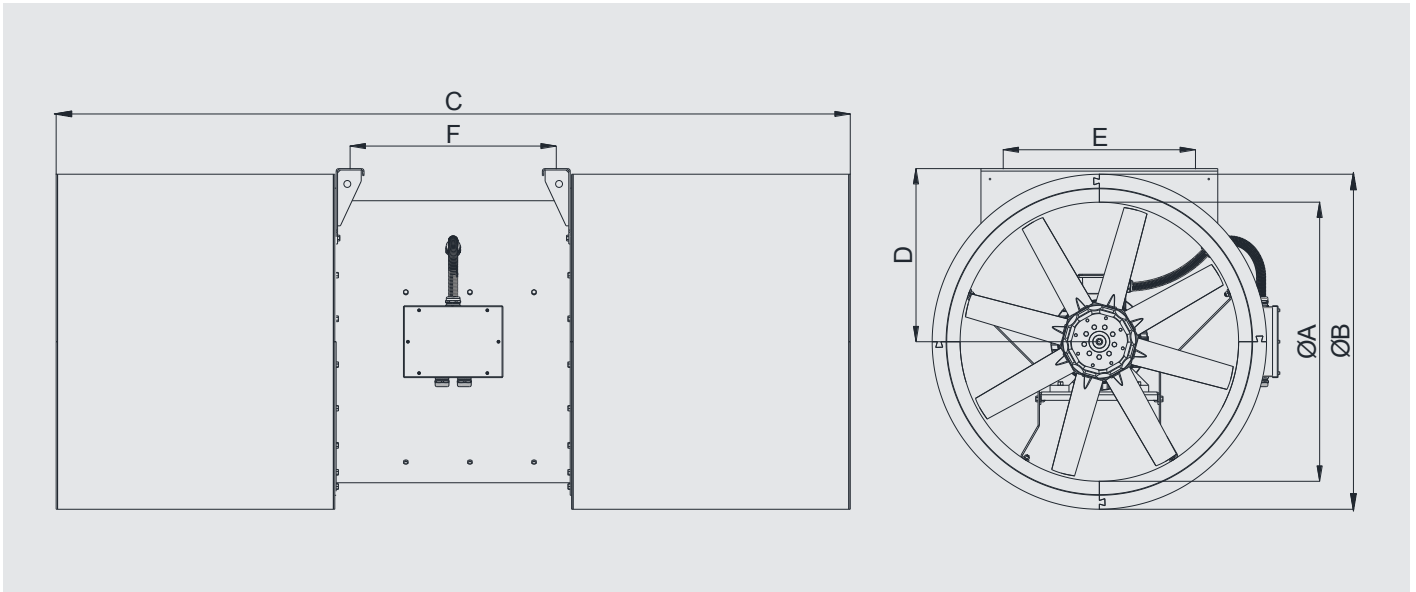
Accessories

In this series, the sound volume increases due to the high air outlet velocities and therefore tunnel jet fans are used as standard with the silencer.



Technical Specifications

TUNNEL JET FAN



MODEL	A	B	C	D	E	F	VOLTAGE	FREQUENCY	MOTOR POWER	NOS. OF POLES	FLOW RATE	MAX. AIR VELOCITY	THRUST	WEIGHT
	mm	mm	mm	mm	mm	mm	V	Hz	kW		m ³ /s	m/s	N	kg
T-FWA 560	560	760	1820	400	390	590	380	50	7,5	2	6,8	27,6	225	256
									11		7,9	32,1	305	305
T-FWA 630	630	830	1960	435	440	590	380	50	15	2	10,2	32,7	399	346
									18,5		10,7	34,4	443	368
T-FWA 710	710	910	2120	475	490	590	380	50	22	2	13,1	33	518	445
									30		14,9	37,6	670	485
T-FWA 800	800	1000	2450	520	590	740	380	50	7,5	4	11,1	22,2	296	396
									11		12,2	24,2	354	445
T-FWA 900	900	1100	2650	570	640	740	380	50	15	4	16,7	26,2	525	514
									18,5		17,9	28,2	605	536
T-FWA 1000	1000	1200	2850	620	690	740	380	50	22	4	22,1	28,2	749	636
									30		24,9	31,7	950	676
T-FWA 1120	1120	1320	3240	680	790	890	380	50	37	4	32,4	32,8	1275	815
									45		33,8	34,4	1395	918
T-FWA 1250	1250	1450	3600	745	890	990	380	50	45	4	38,5	31,4	1450	1043
									55		41,9	34,1	1715	1145
									75		45,6	37,2	2035	1285
T-FWA 1400	1400	1600	3900	820	990	990	380	50	45	6	46	29,9	1648	1169
									55		48,1	31,2	1802	1271
T-FWA 1600	1600	1800	4300	920	1190	1190	380	50	45	6	54,1	26,9	1748	1356
									55		59	29,3	2075	1458

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