



P-FWA  
Axial  
Fresh/Exhaust Air  
Fan



## Technical Specifications

### AXIAL FRESH/EXHAUST AIR FAN

P-FWA series axial fresh /exhaust air fans are the ideal fans to meet the fresh air requirement in ventilation systems where high air flow is required. Thanks to their compact construction, they can be installed directly in air ducts, shaft, roof floor, any position required. P-FWA axial fans have high performance, trouble-free operation.

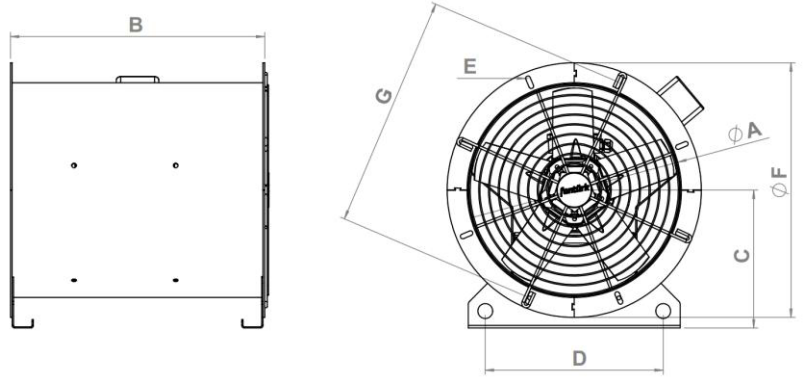
With wide selection of models, P-FWA models offer working range of 4000 m<sup>3</sup>/h – 140.000 m<sup>3</sup>/h in different pressure range.

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.

Optionally, it can be manufactured with Ex-Proof feature.

#### Usage Areas

Can be used in all kinds of industrial, office, shopping mall, hospital, parking and residential ventilation to meet the fresh air requirement.

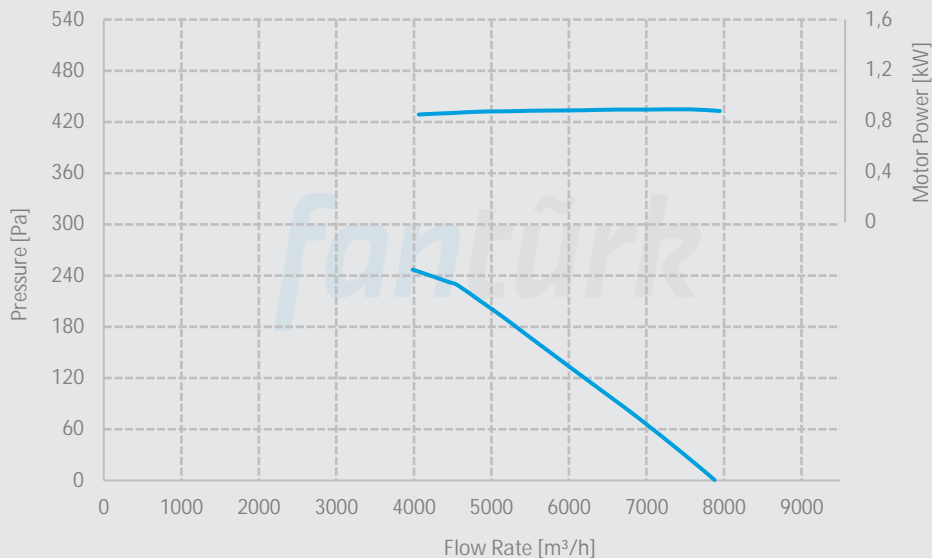


MODEL	A	B	C	D	E	F	G	VOLTAGE	FREQUENCY
	mm	mm	mm	mm	mm	mm	mm	V	Hz
P-FWA 400	400	500	275	320	8x11x31	500	450	380	50
P-FWA 450	450	500	300	370	8x11x31	550	500	380	50
P-FWA 500	500	600	325	420	8x11x31	600	550	380	50
P-FWA 560	560	600	355	480	8x11x31	660	610	380	50
P-FWA 630	630	600	390	550	8x11x31	730	680	380	50
P-FWA 710	710	600	430	630	16x11x31	810	760	380	50
P-FWA 800	800	650	475	720	16x11x31	900	850	380	50
P-FWA 900	900	750	525	720	16x11x31	1000	950	380	50
P-FWA 1000	1000	800	595	820	16x11x31	1100	1050	380	50
P-FWA 1120	1120	900...950	655	920	16x11x31	1220	1170	380	50
P-FWA 1250	1250	950	720	1020	16x11x31	1350	1300	380	50

# Performance Curves of Devices with Axial Fan

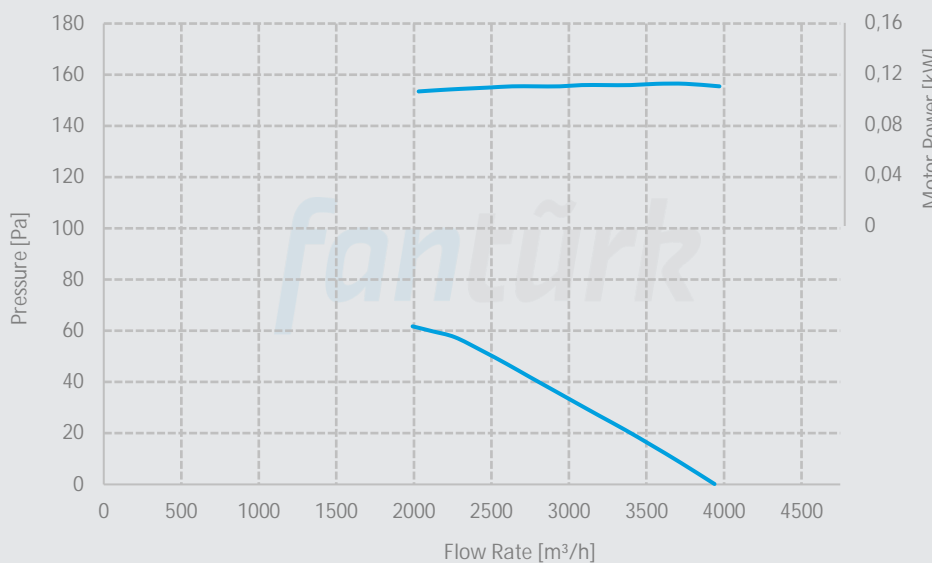
P-FWA 400  
Y-FWA 400  
H-FWA 400  
Ç-FWA 400

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



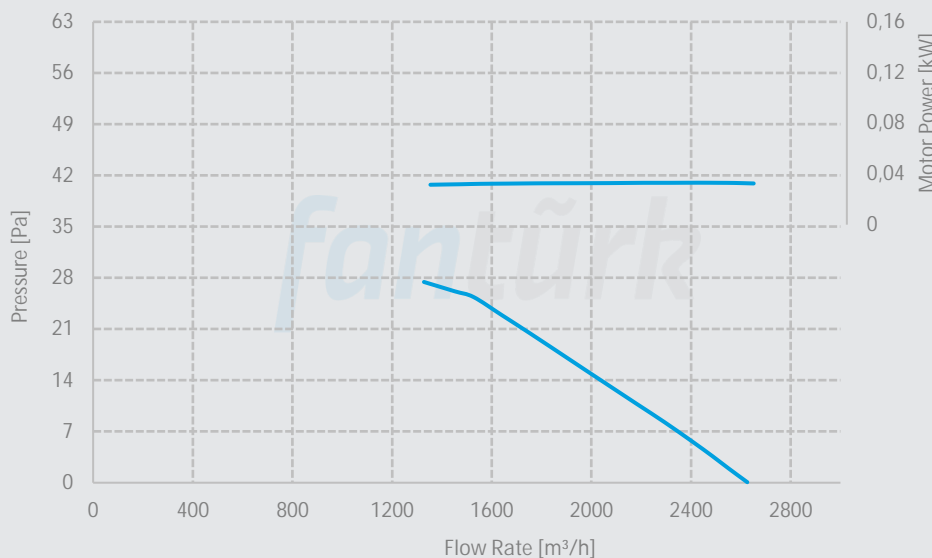
P-FWA 400  
Y-FWA 400  
H-FWA 400  
Ç-FWA 400

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

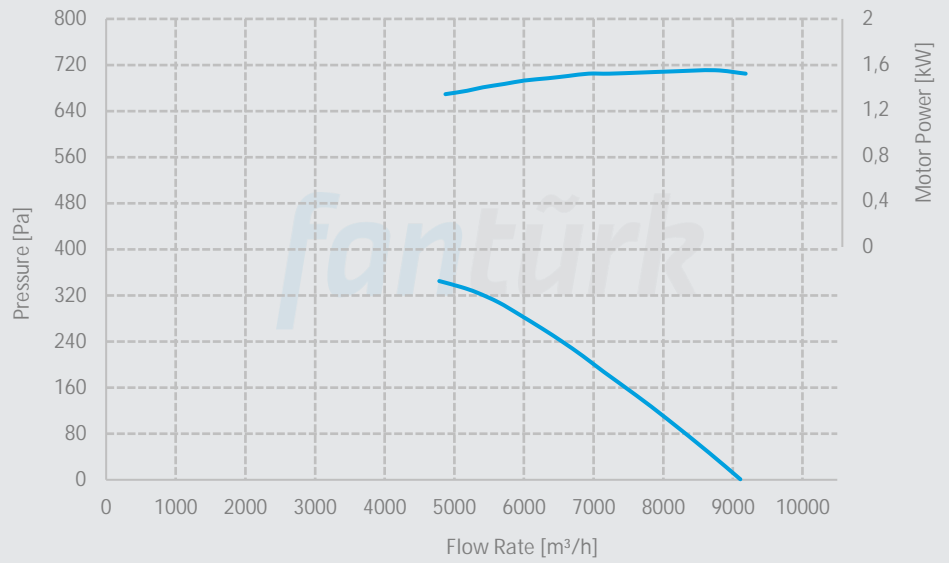
Nos. of Blades 3  
Hub Size 6  
Pitch Angle 45°  
Nos. of Poles 6  
Material Aluminum



# Performance Curves

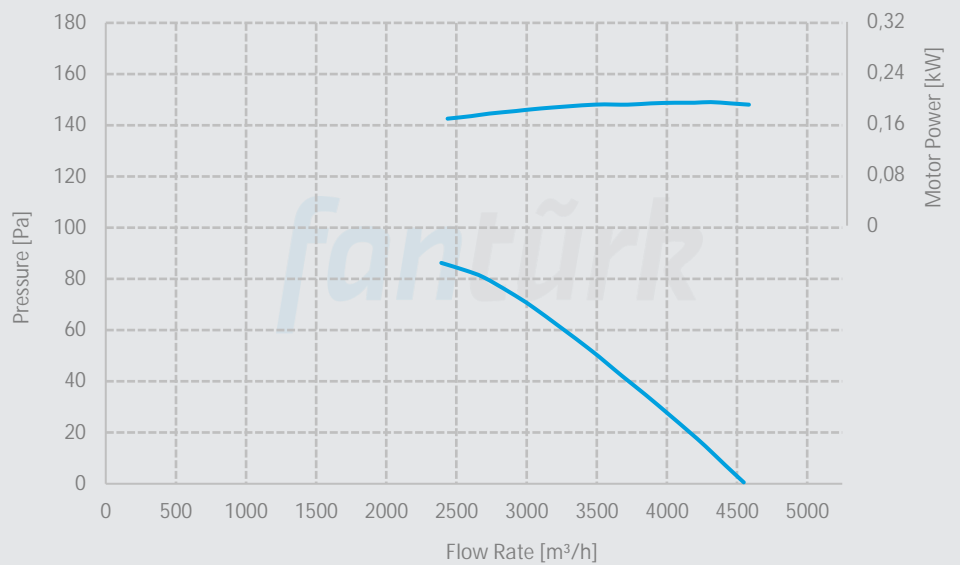
P-FWA 400  
Y-FWA 400  
H-FWA 400  
Ç-FWA 400

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



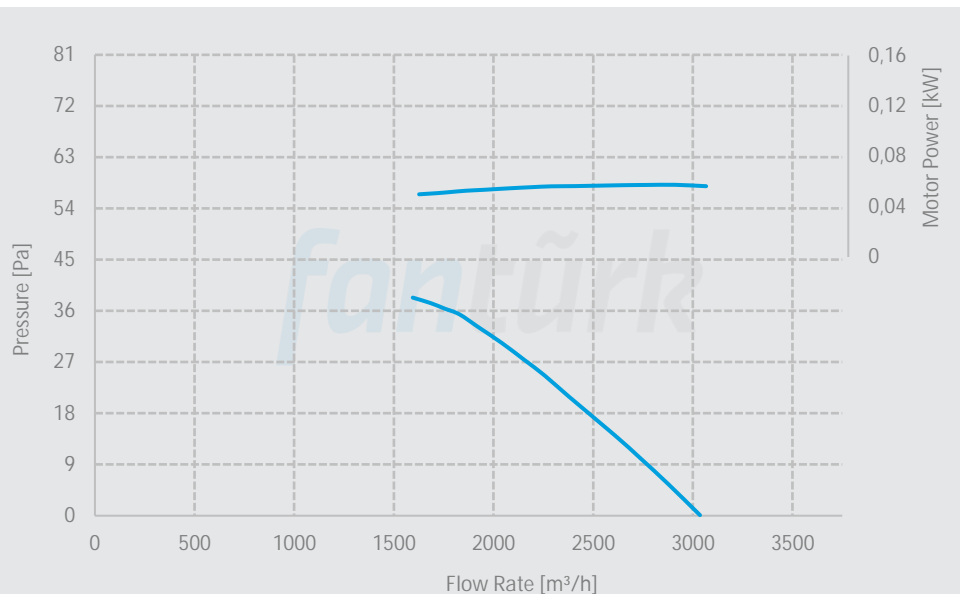
P-FWA 400  
Y-FWA 400  
H-FWA 400  
Ç-FWA 400

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

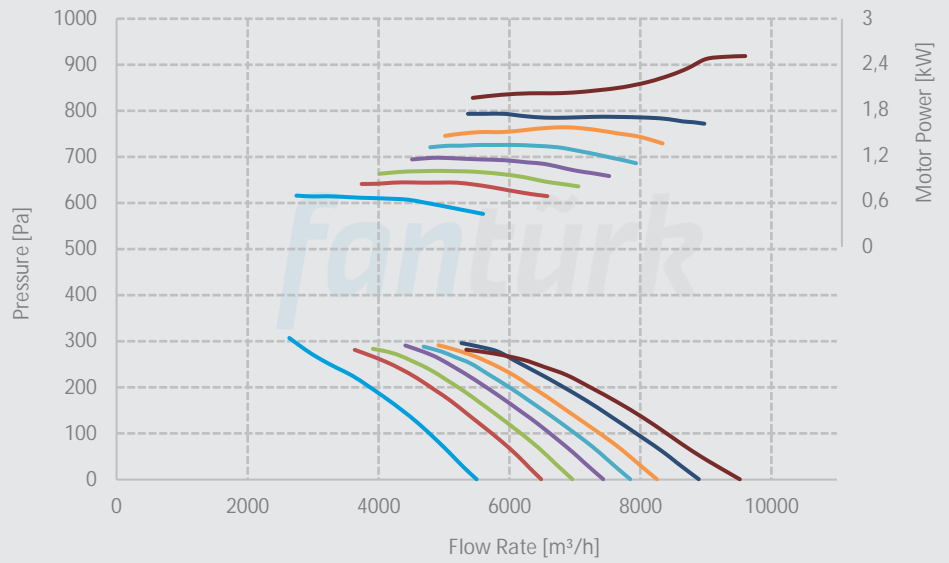


# Performance Curves

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

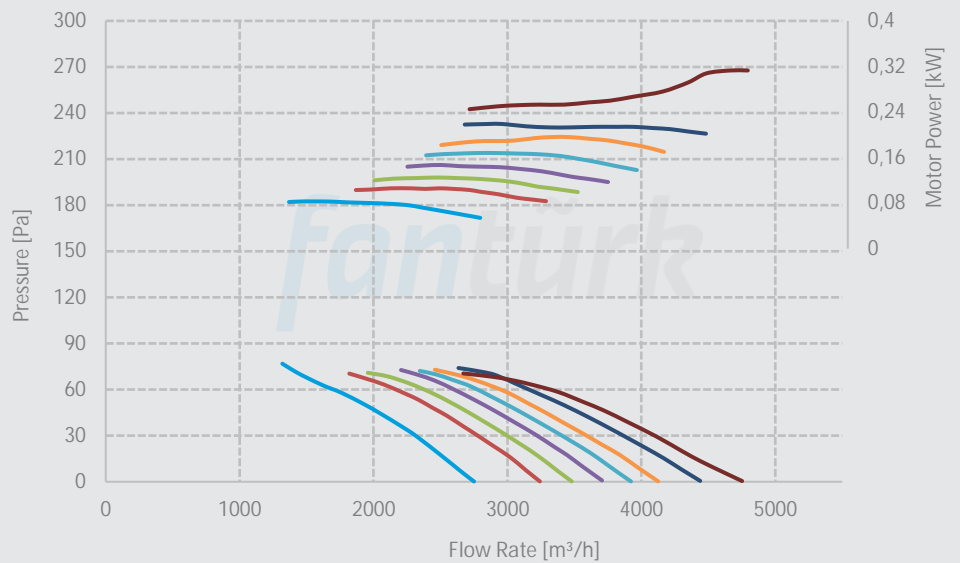
— 25° — 30° — 32,5°  
— 35° — 37,5° — 40°  
— 45° — 50°



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

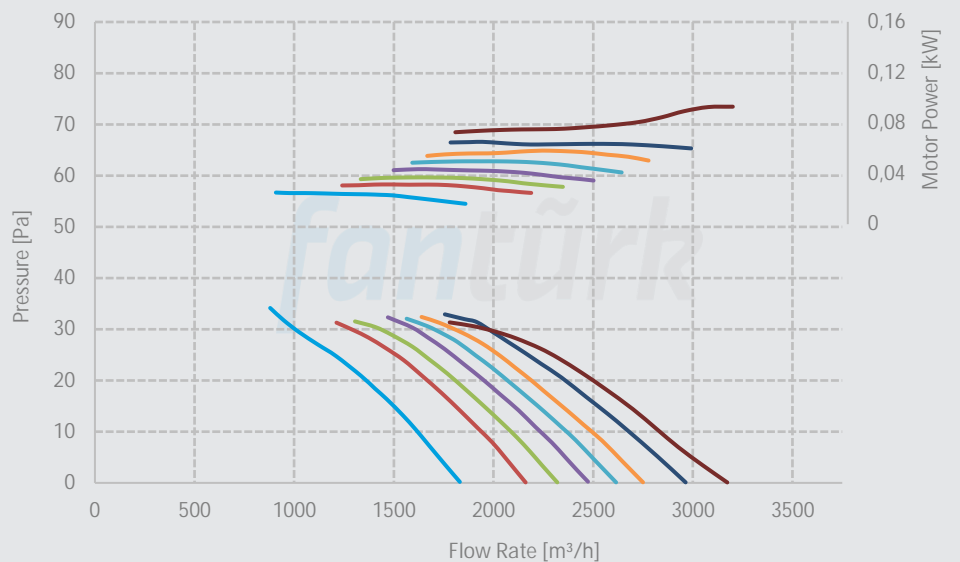
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— 35° — 37,5° — 40°  
— 45° — 50°



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

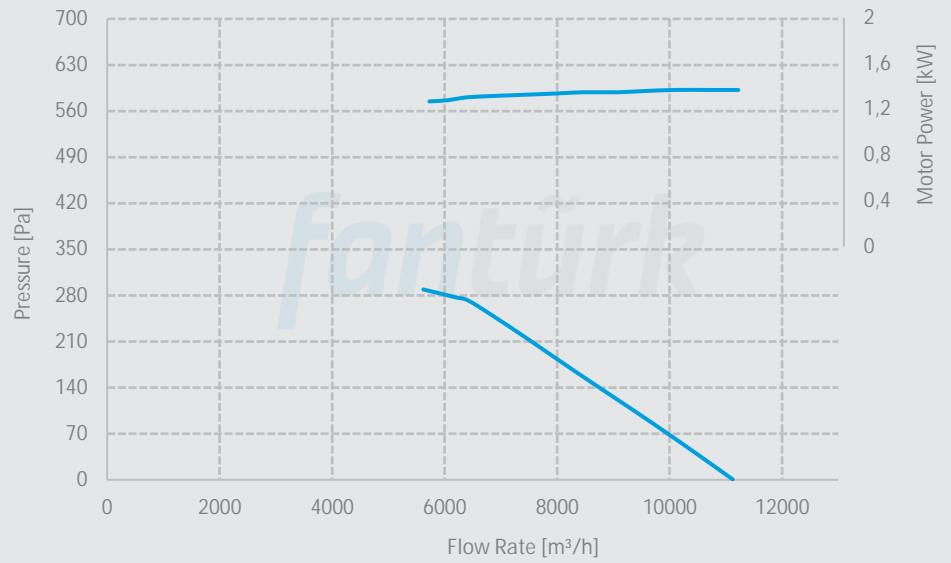
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— 35° — 37,5° — 40°  
— 45° — 50°



# Performance Curves

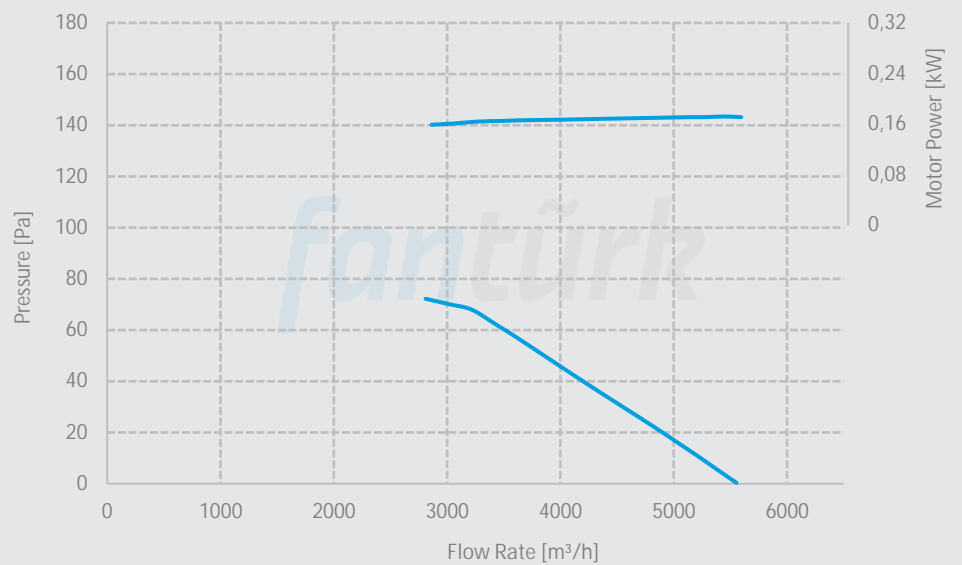
P-FWA 450  
Y-FWA 450  
H-FWA 450  
Ç-FWA 450

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



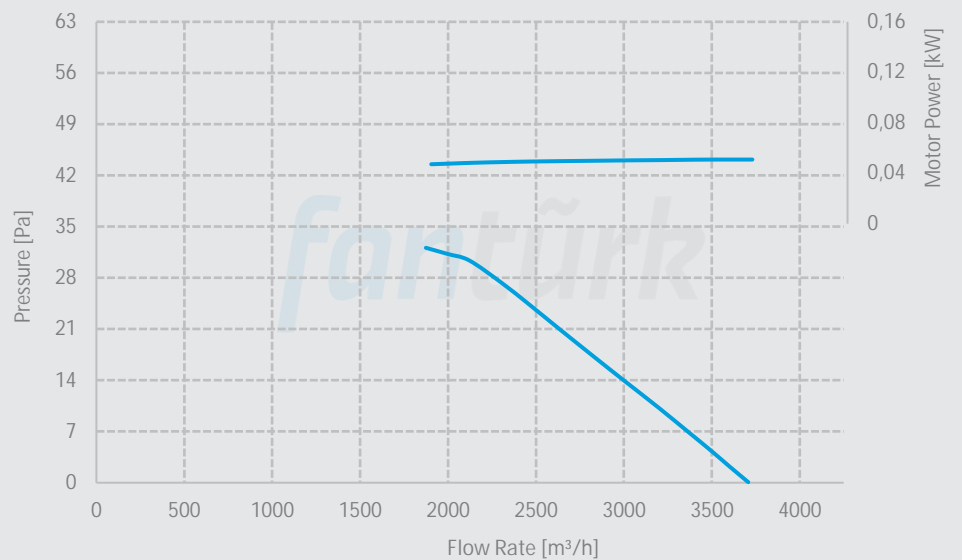
P-FWA 450  
Y-FWA 450  
H-FWA 450  
Ç-FWA 450

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

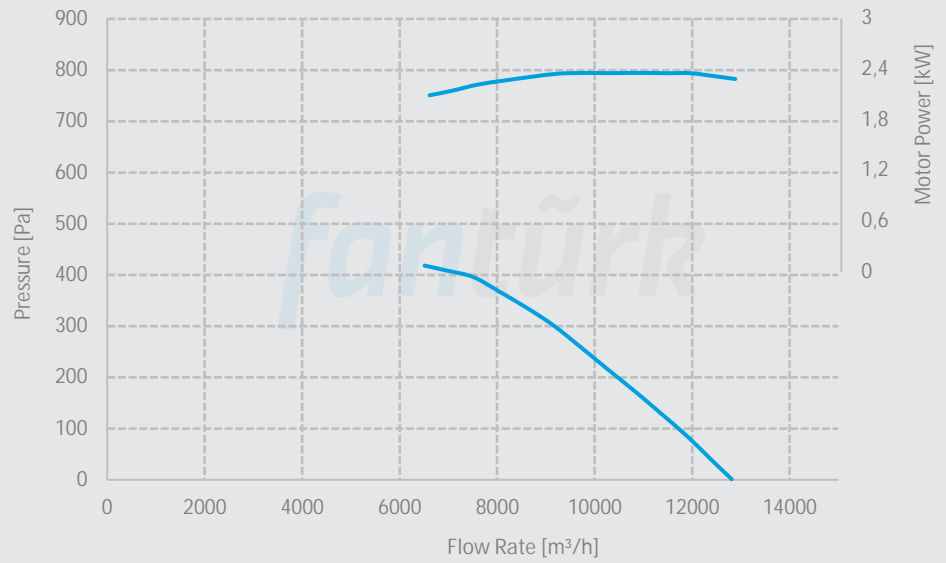
Nos. of Blades 3  
Hub Size 6  
Pitch Angle 45°  
Nos. of Poles 6  
Material Aluminum



# Performance Curves

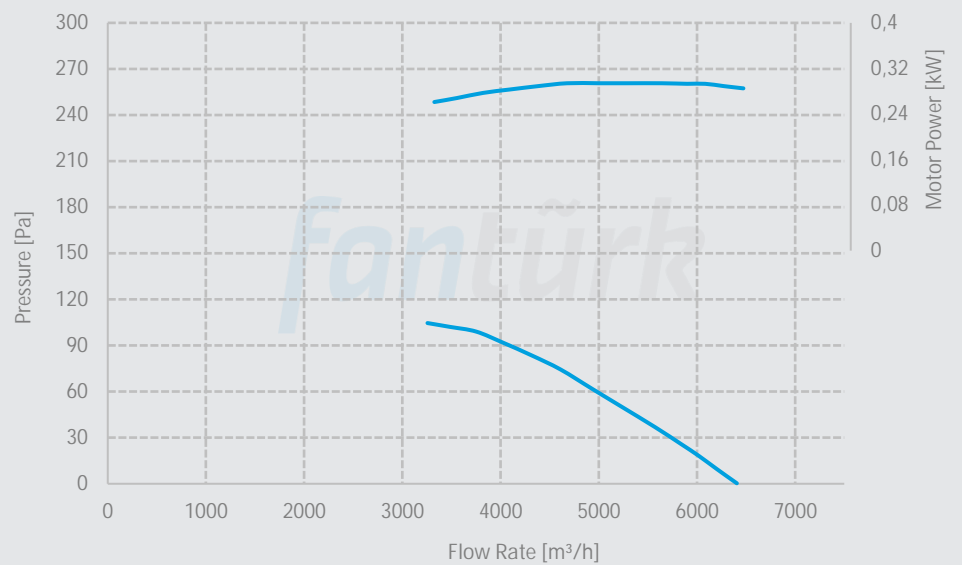
P-FWA 450  
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 H-FWA 450  
 Ç-FWA 450

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



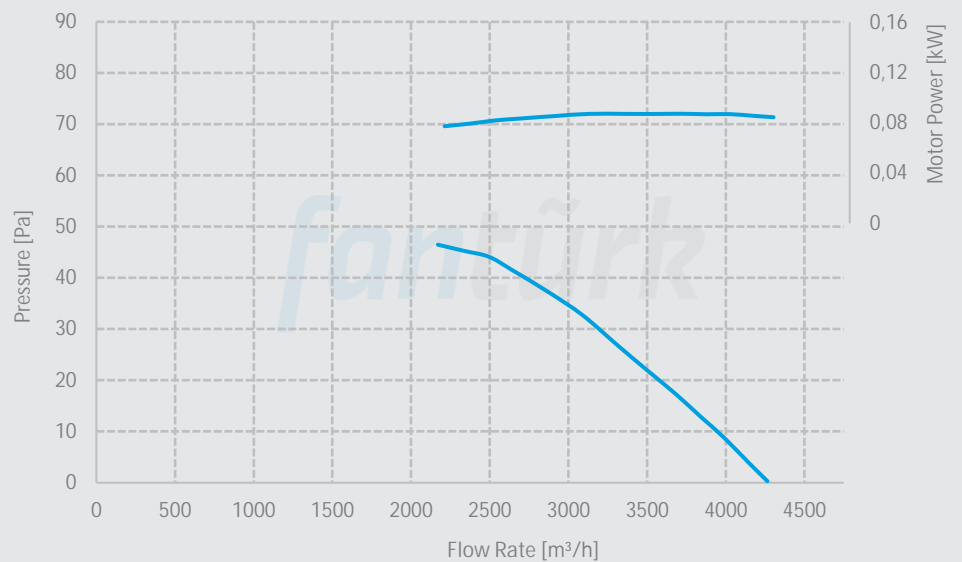
P-FWA 450  
 Y-FWA 450  
 H-FWA 450  
 Ç-FWA 450

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

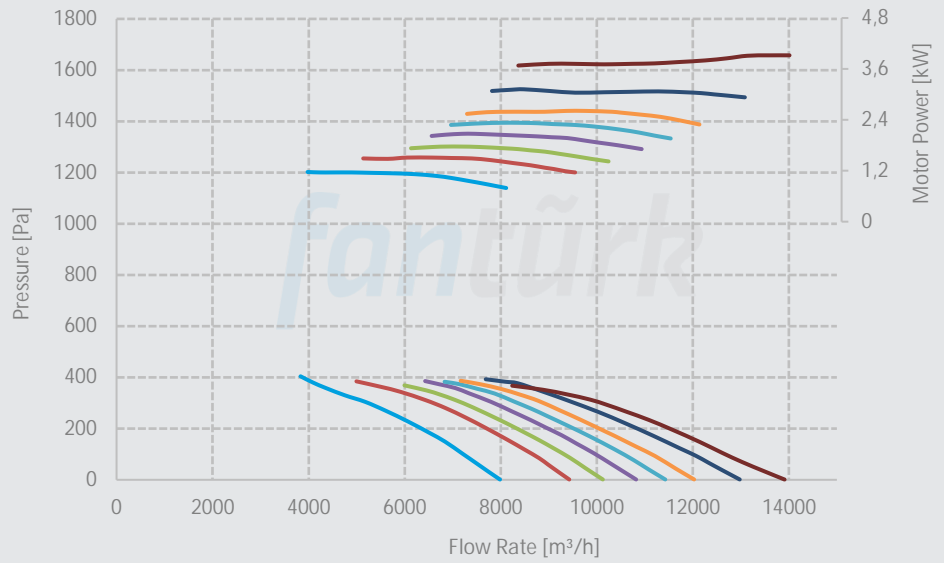


# Performance Curves

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

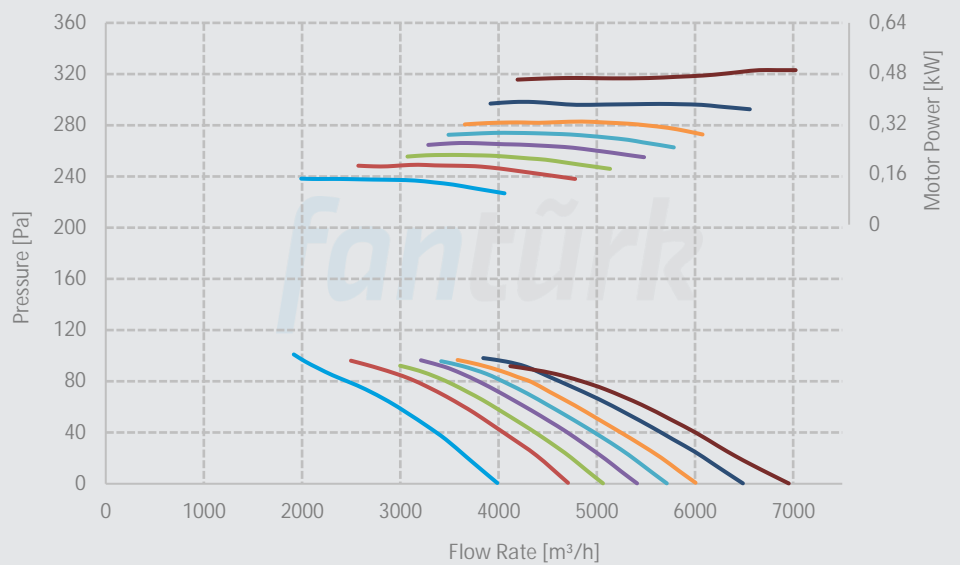
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— 35° — 37,5° — 40°  
— 45° — 50°



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

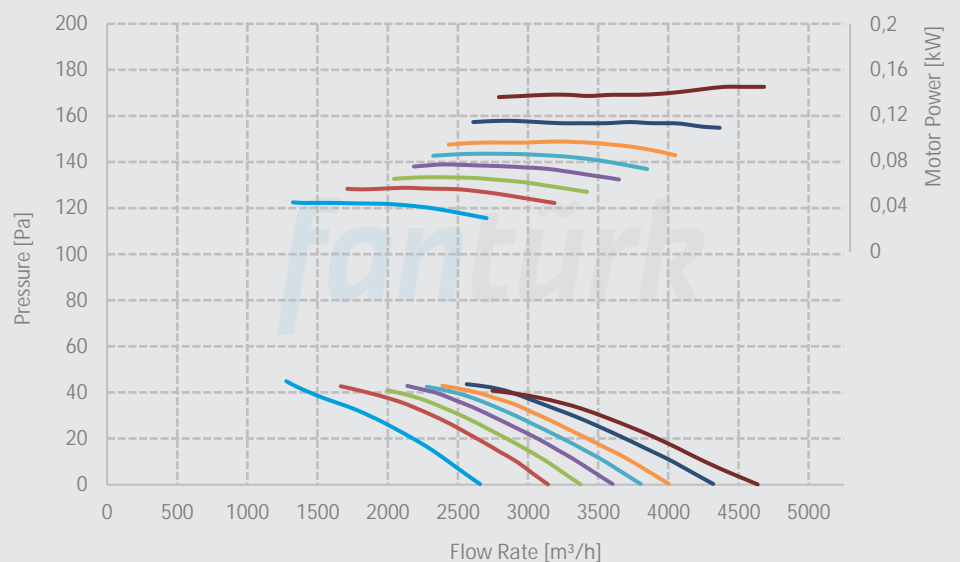
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— 35° — 37,5° — 40°  
— 45° — 50°



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

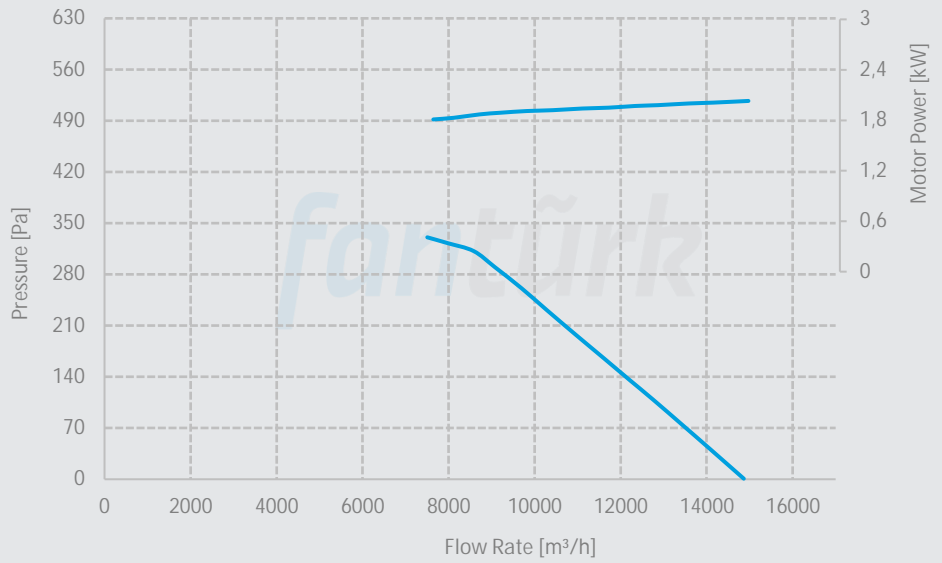
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— 35° — 37,5° — 40°  
— 45° — 50°



# Performance Curves

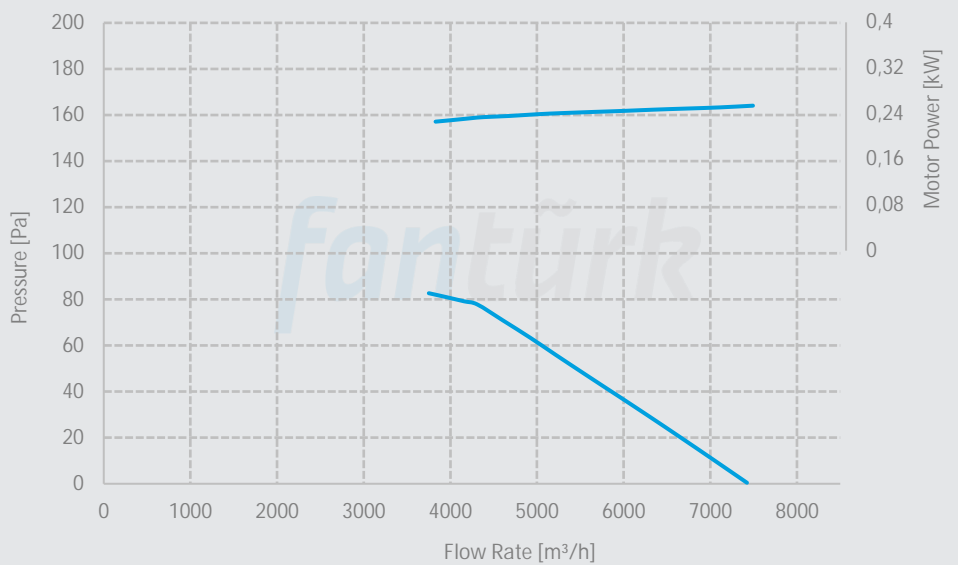
P-FWA 500  
Y-FWA 500  
H-FWA 500  
Ç-FWA 500

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



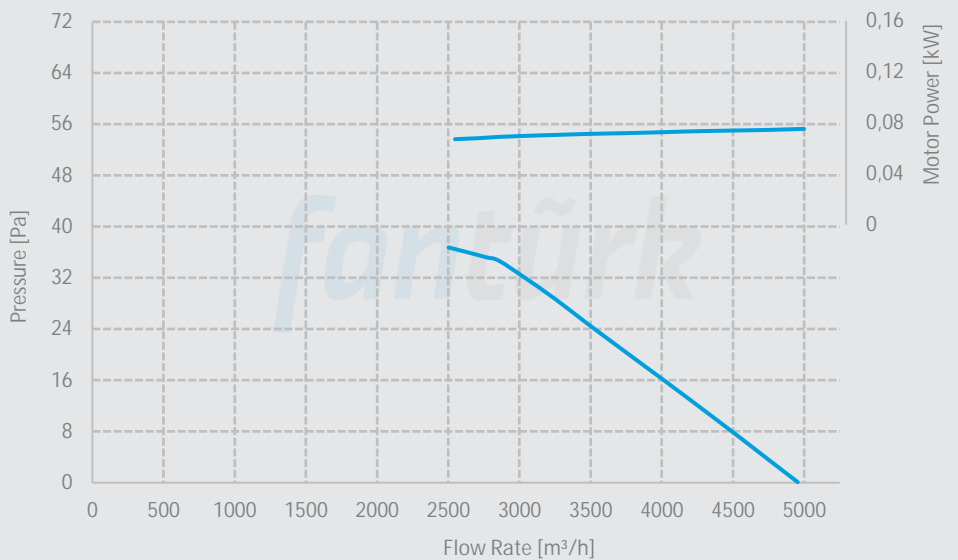
P-FWA 500  
Y-FWA 500  
H-FWA 500  
Ç-FWA 500

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

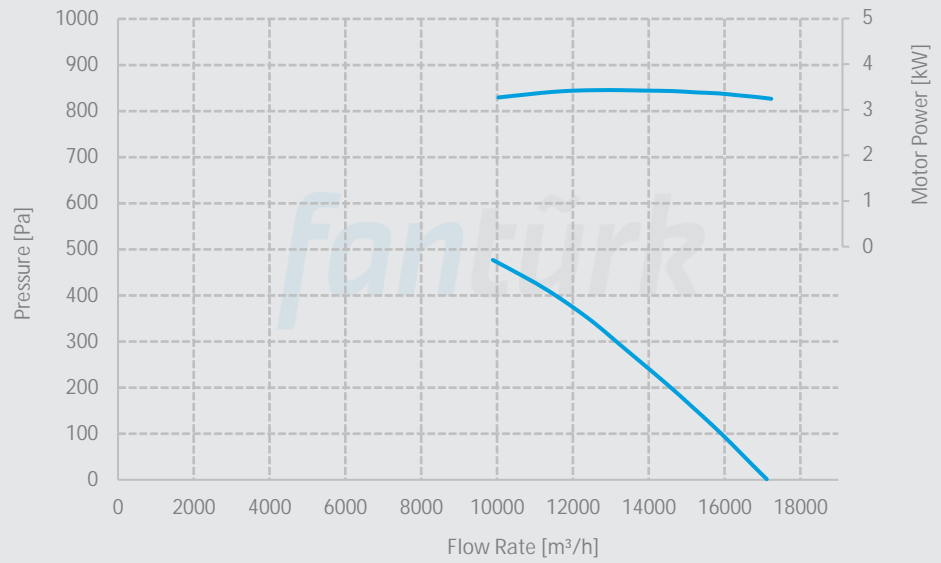
Nos. of Blades 3  
Hub Size 6  
Pitch Angle 45°  
Nos. of Poles 6  
Material Aluminum



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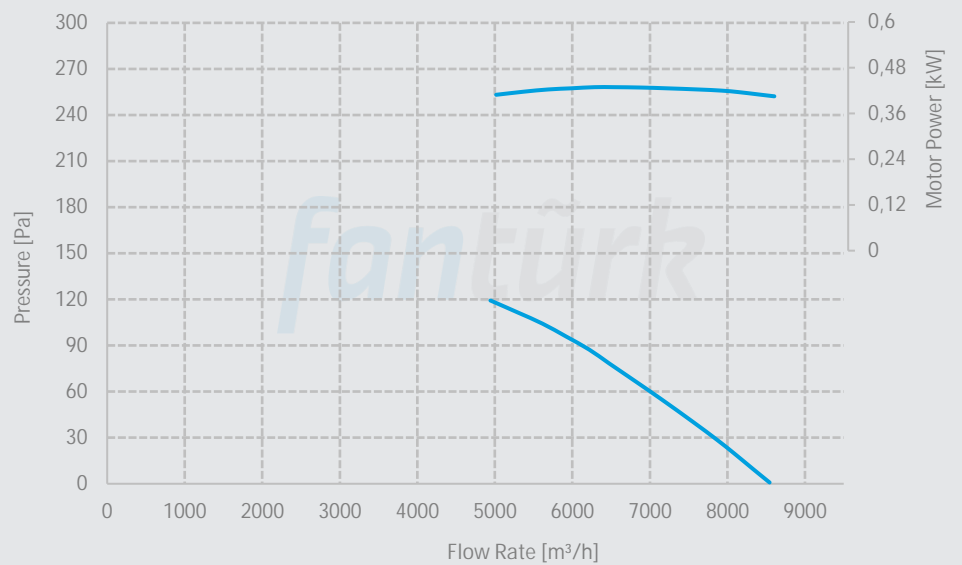
P-FWA 500  
Y-FWA 500  
H-FWA 500  
Ç-FWA 500

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



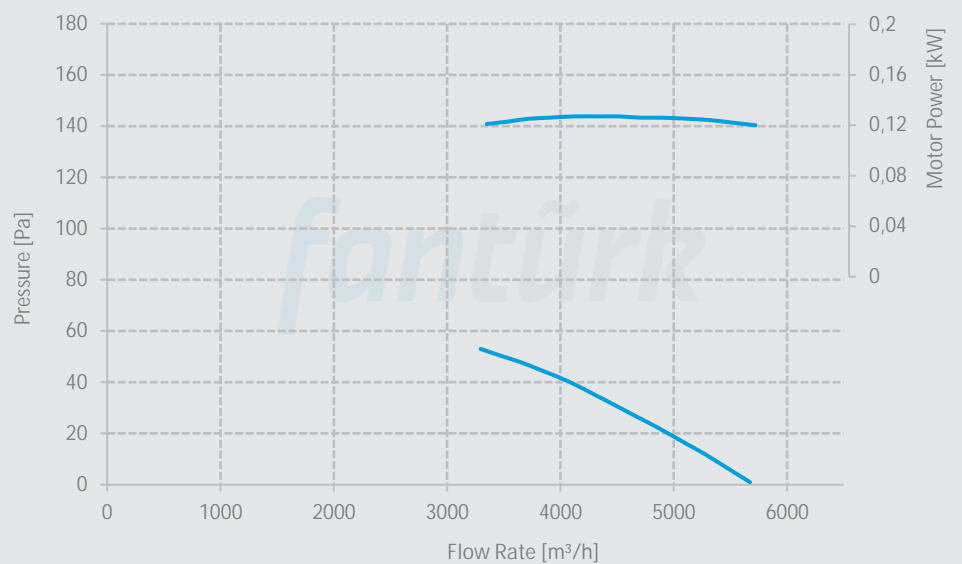
P-FWA 500  
Y-FWA 500  
H-FWA 500  
Ç-FWA 500

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

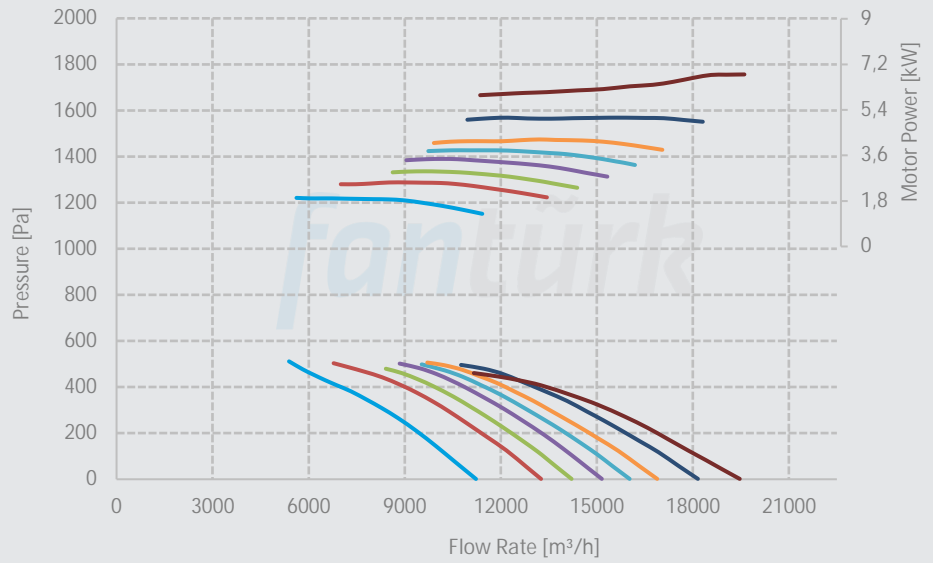


# Performance Curves

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

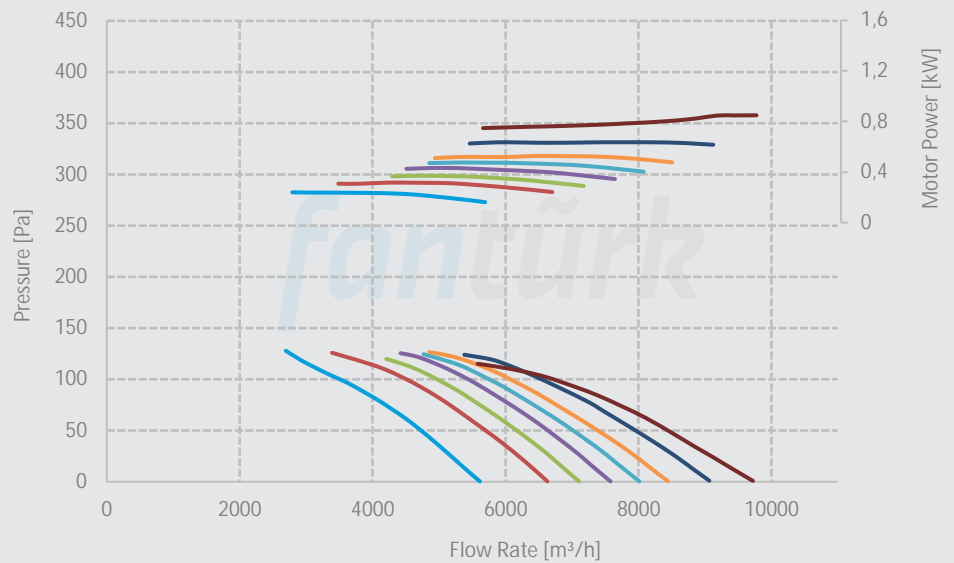
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- 35°    — 37,5°    — 40°
- 45°    — 50°



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

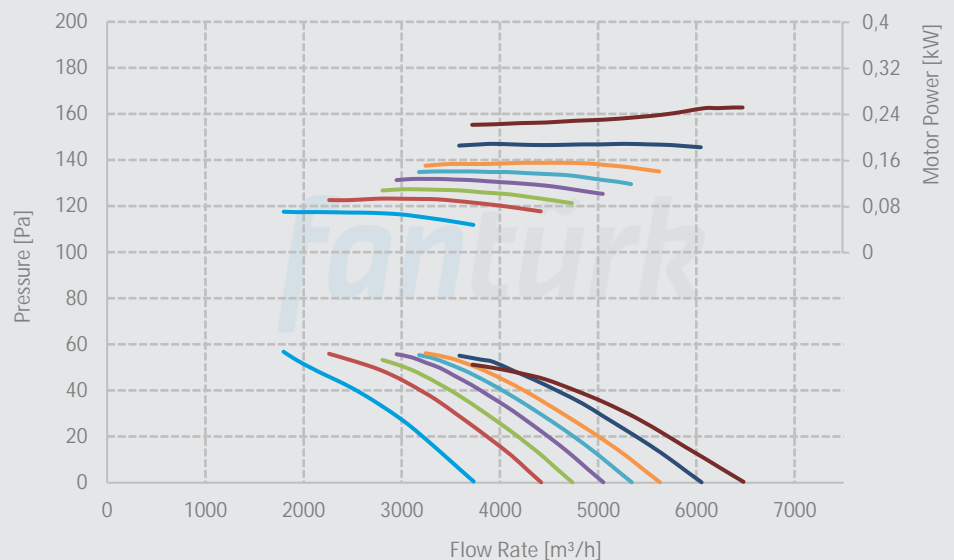
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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

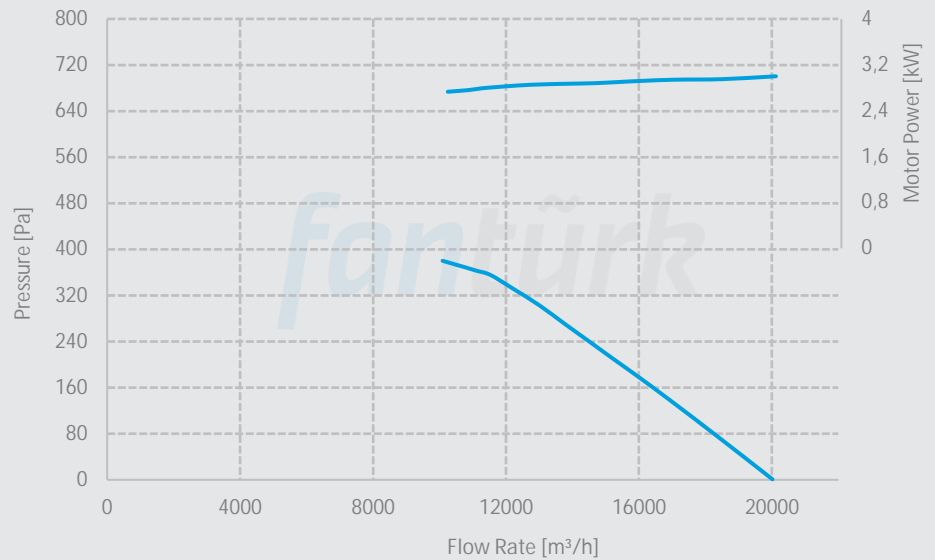
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- 35°    — 37,5°    — 40°
- 45°    — 50°



# Performance Curves

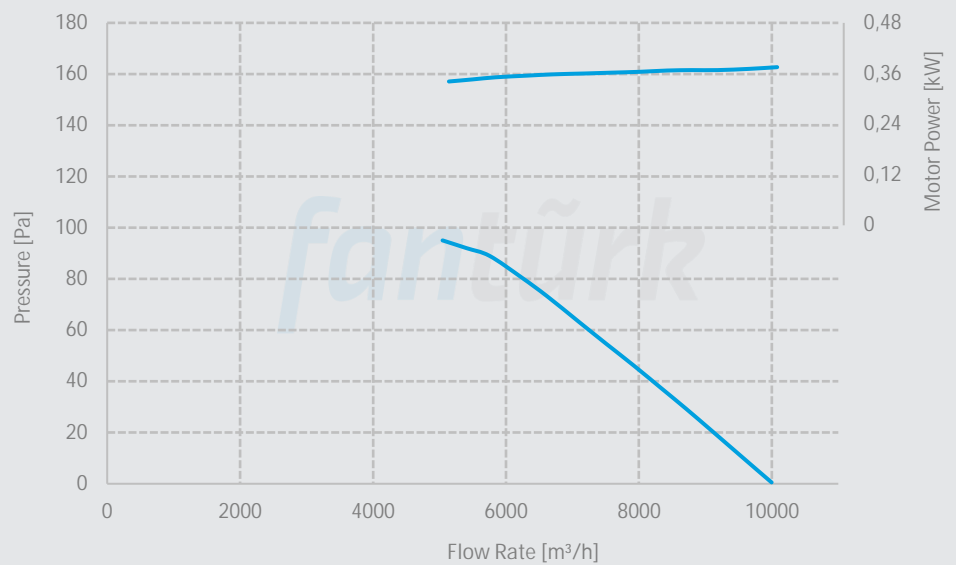
P-FWA 560  
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H-FWA 560  
Ç-FWA 560

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



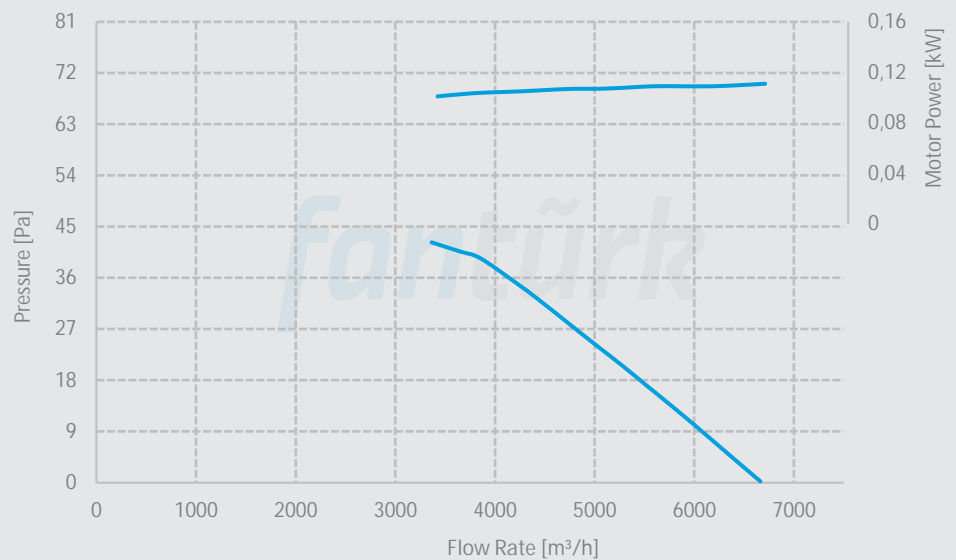
P-FWA 560  
Y-FWA 560  
H-FWA 560  
Ç-FWA 560

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

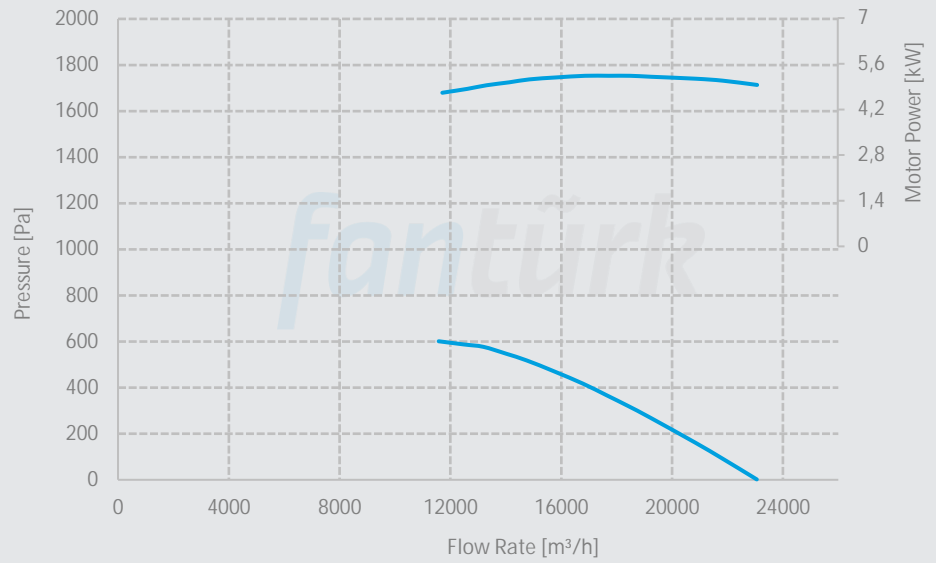
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Hub Size 6  
Pitch Angle 45°  
Nos. of Poles 6  
Material Aluminum



# Performance Curves

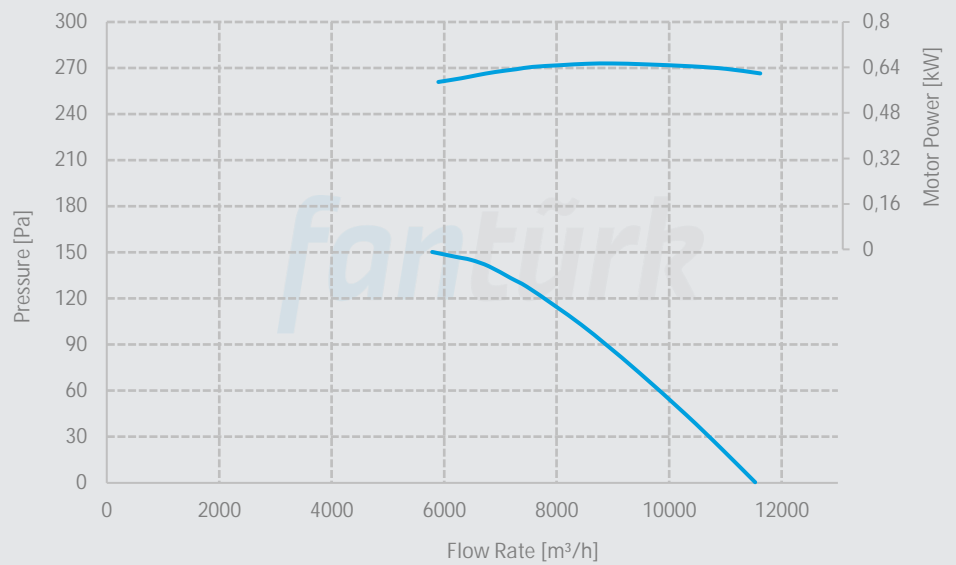
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Y-FWA 560  
H-FWA 560  
Ç-FWA 560

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



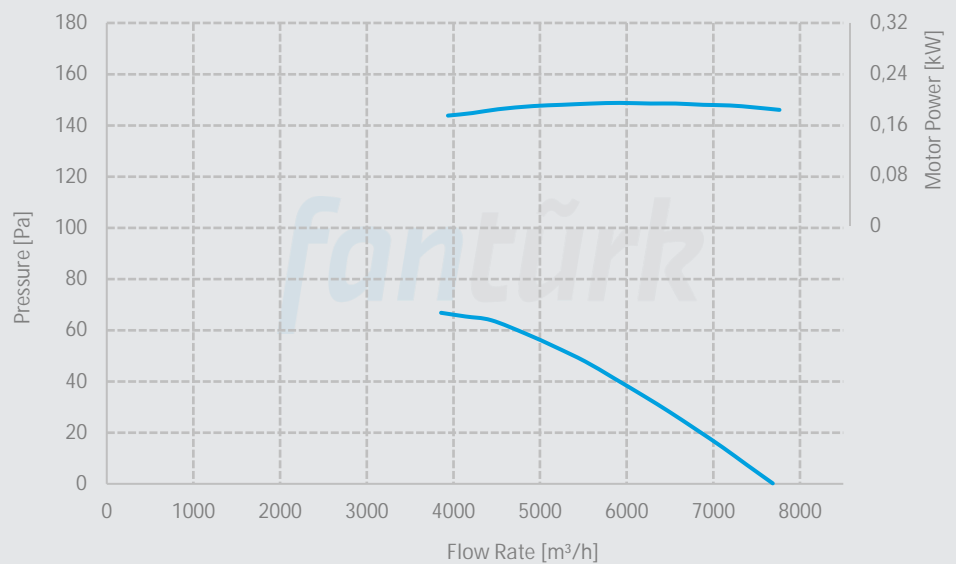
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Y-FWA 560  
H-FWA 560  
Ç-FWA 560

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

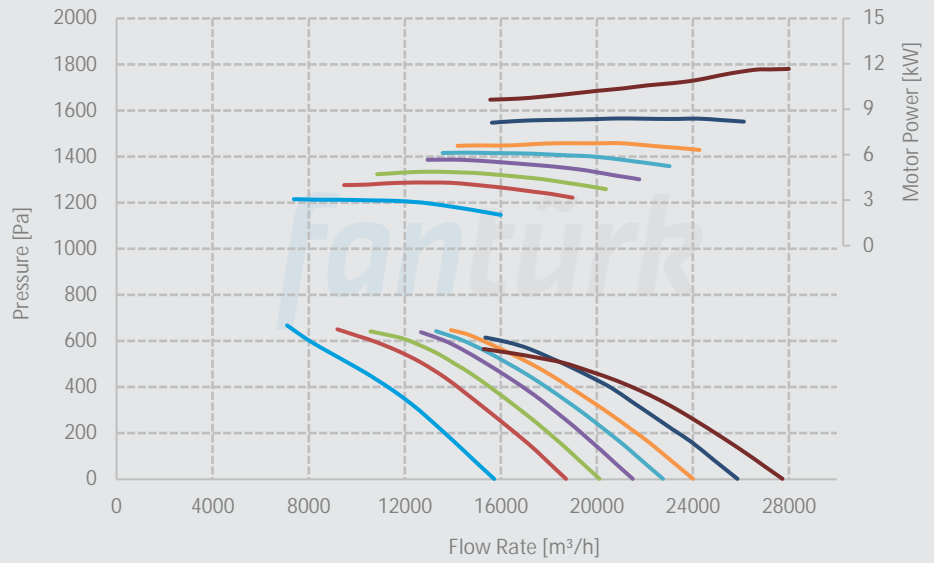


# Performance Curves

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

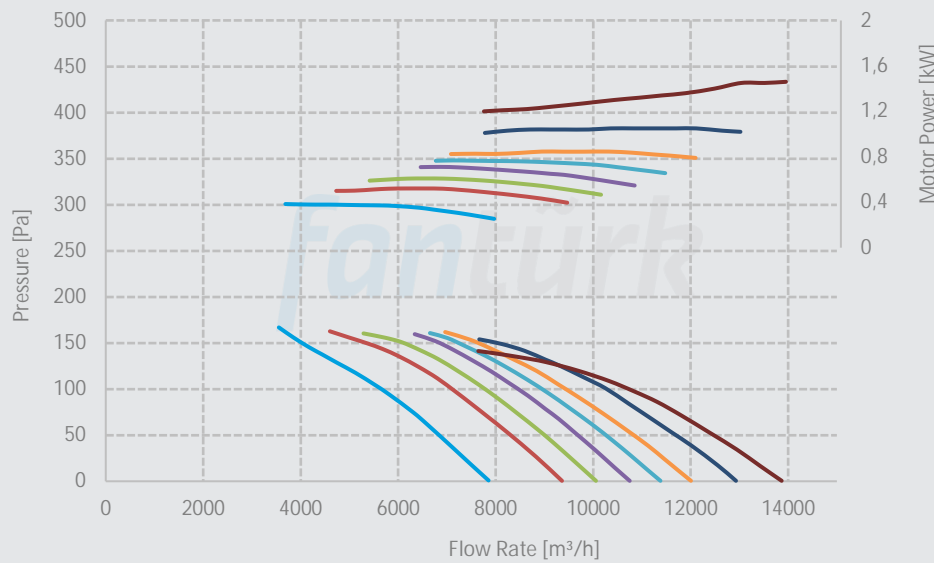
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- 35°    — 37,5°    — 40°
- 45°    — 50°



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

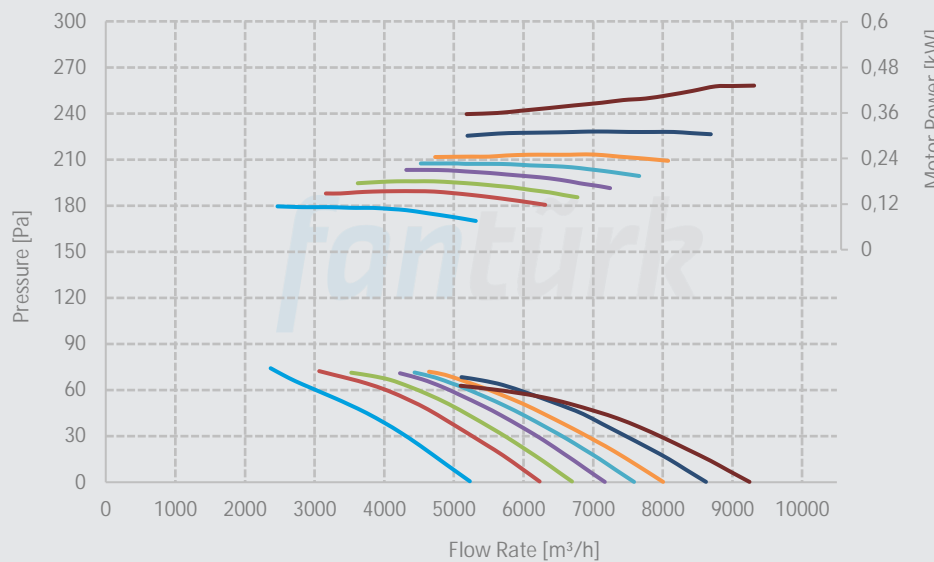
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- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

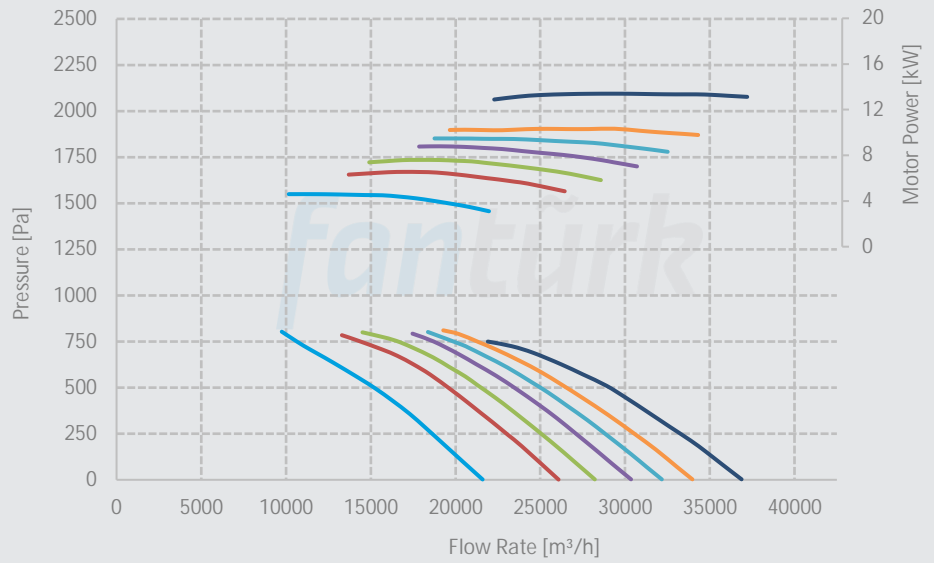


# Performance Curves

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

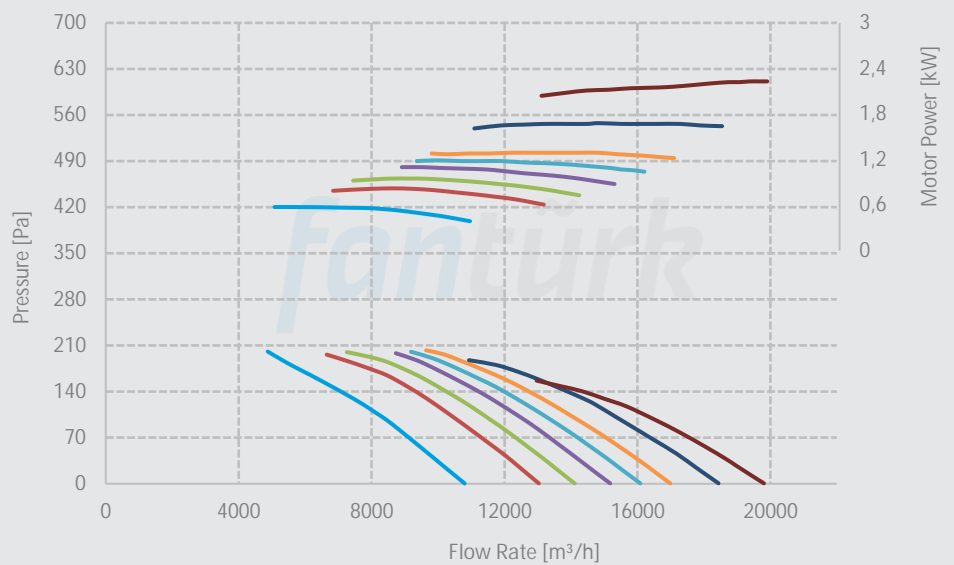
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— 35° — 37,5° — 40°  
— 45°



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

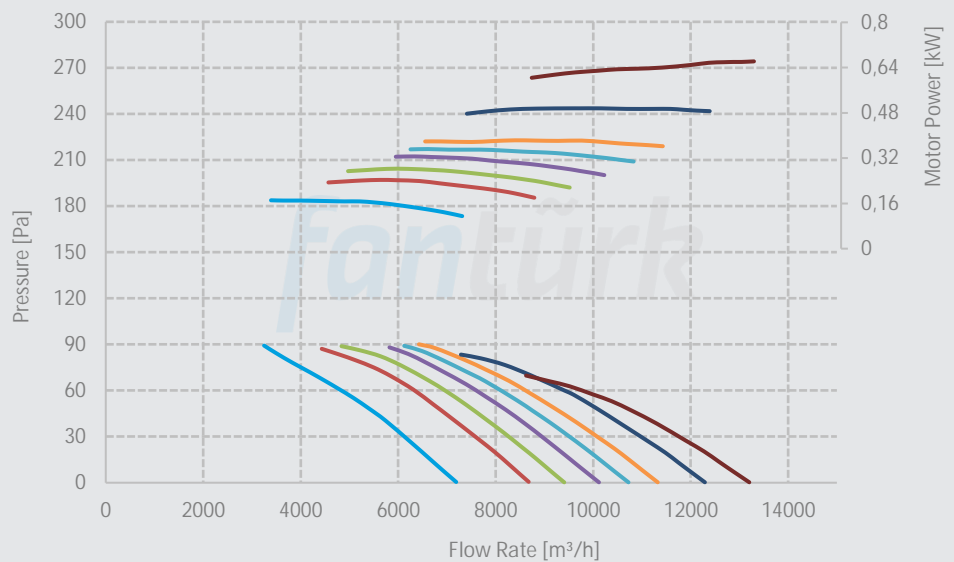
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— 35° — 37,5° — 40°  
— 45° — 50°



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°

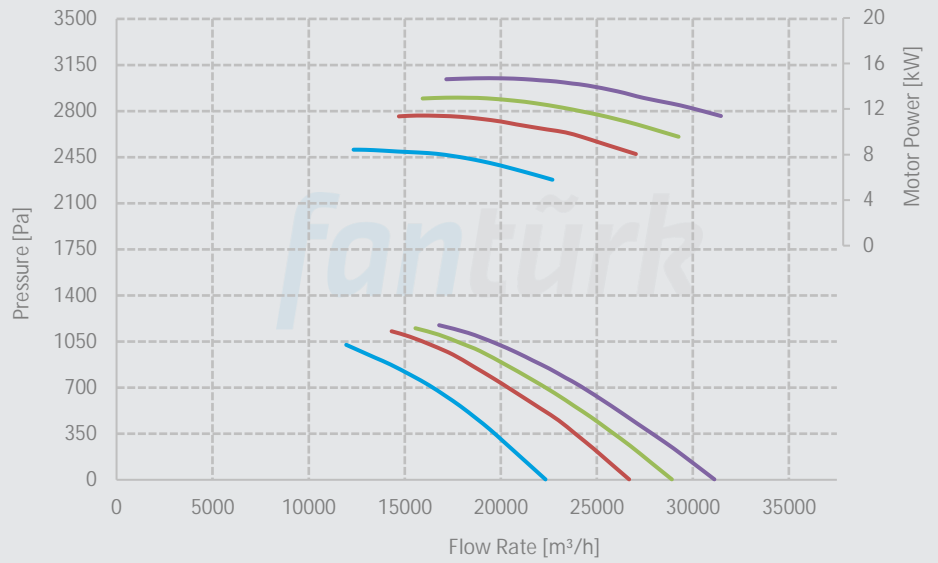


# Performance Curves

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

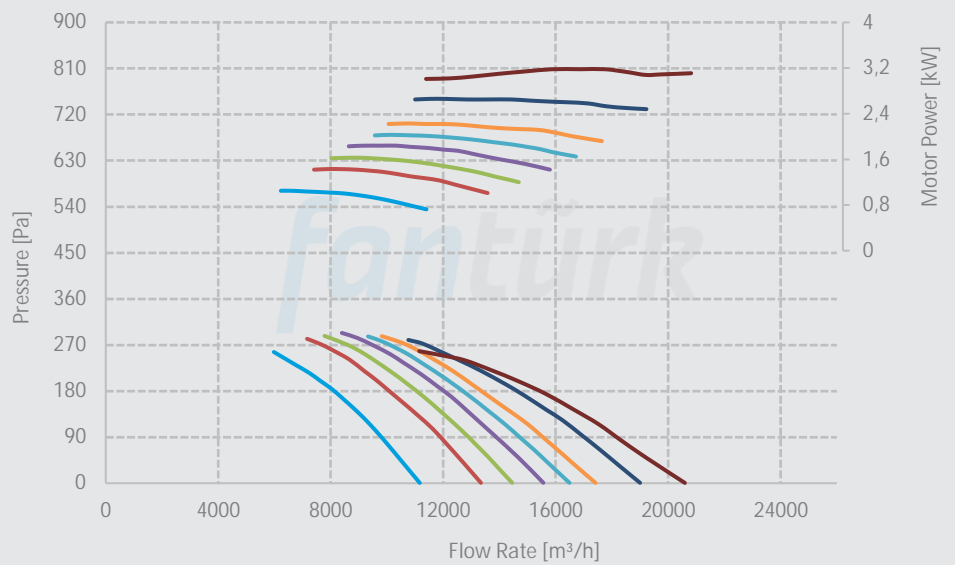
25° 30°  
32,5° 35°



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

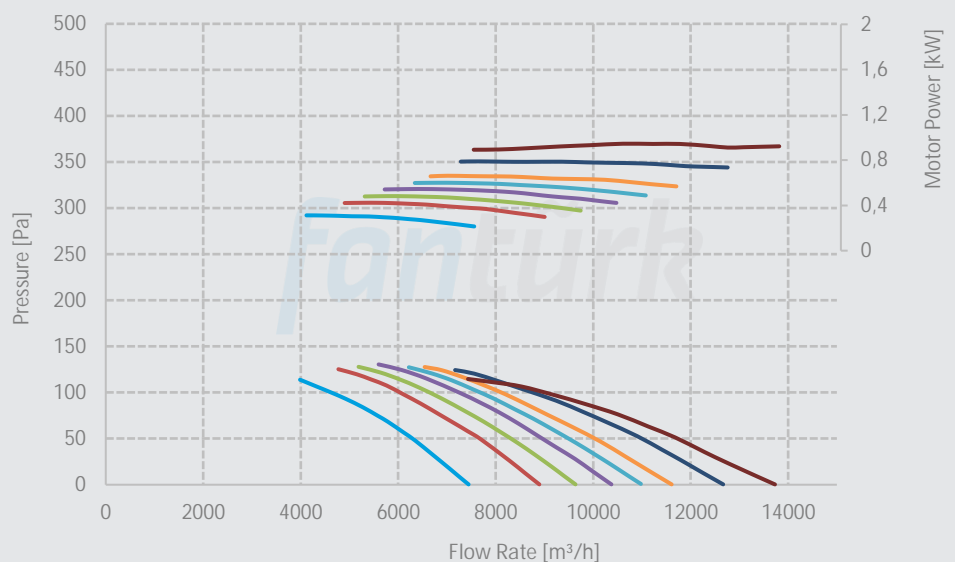
25° 30° 32,5°  
35° 37,5° 40°  
45° 50°



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°

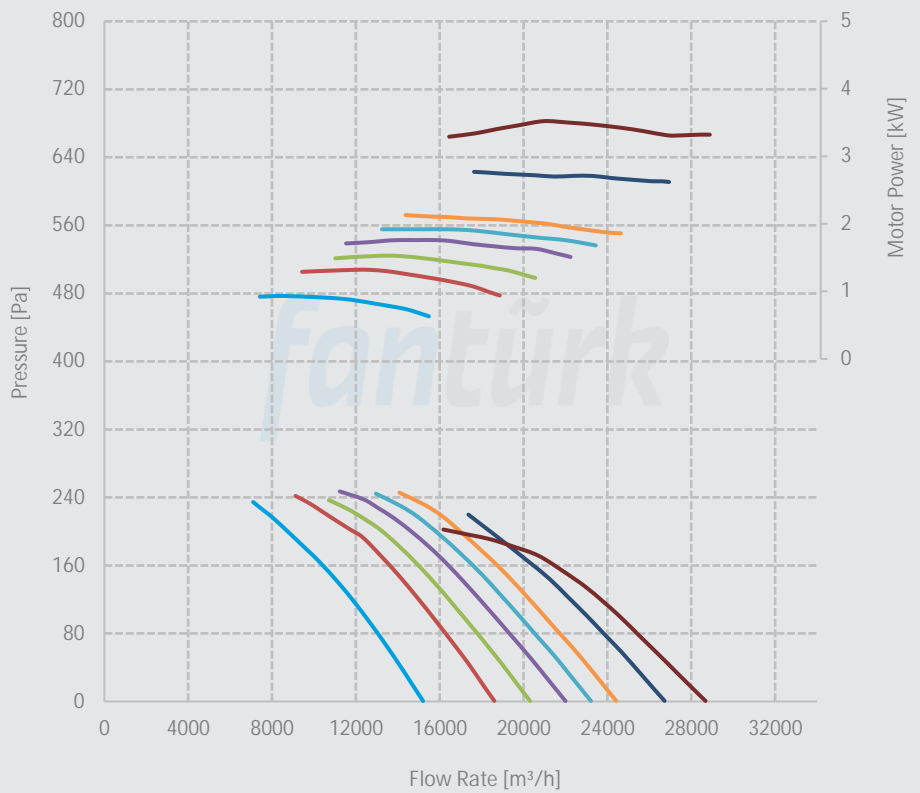


# Performance Curves

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

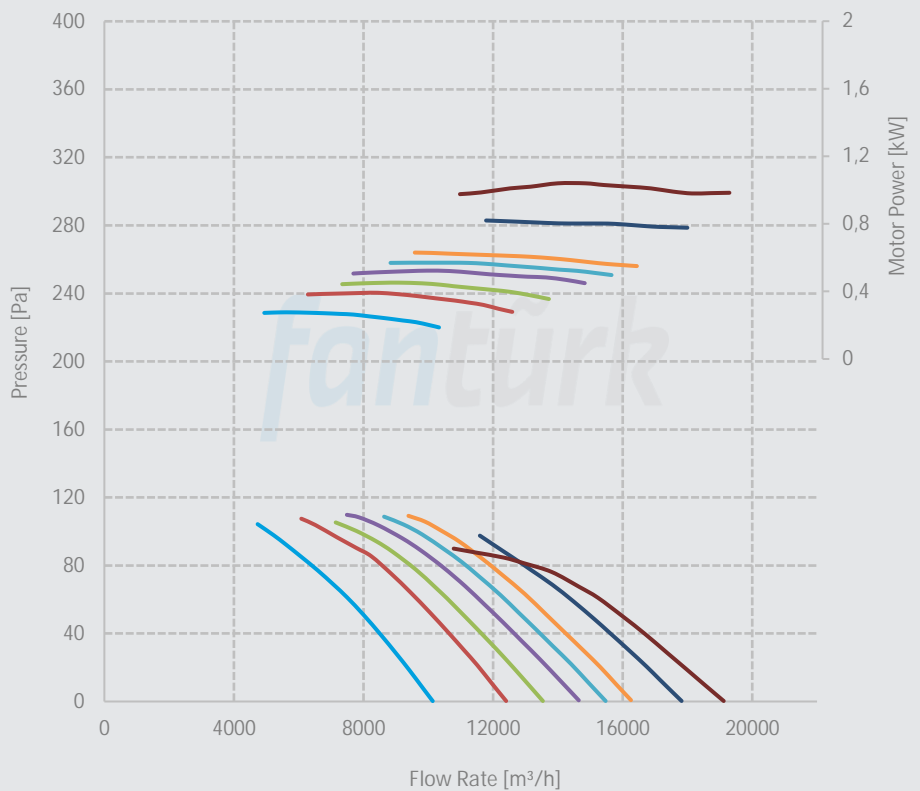
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

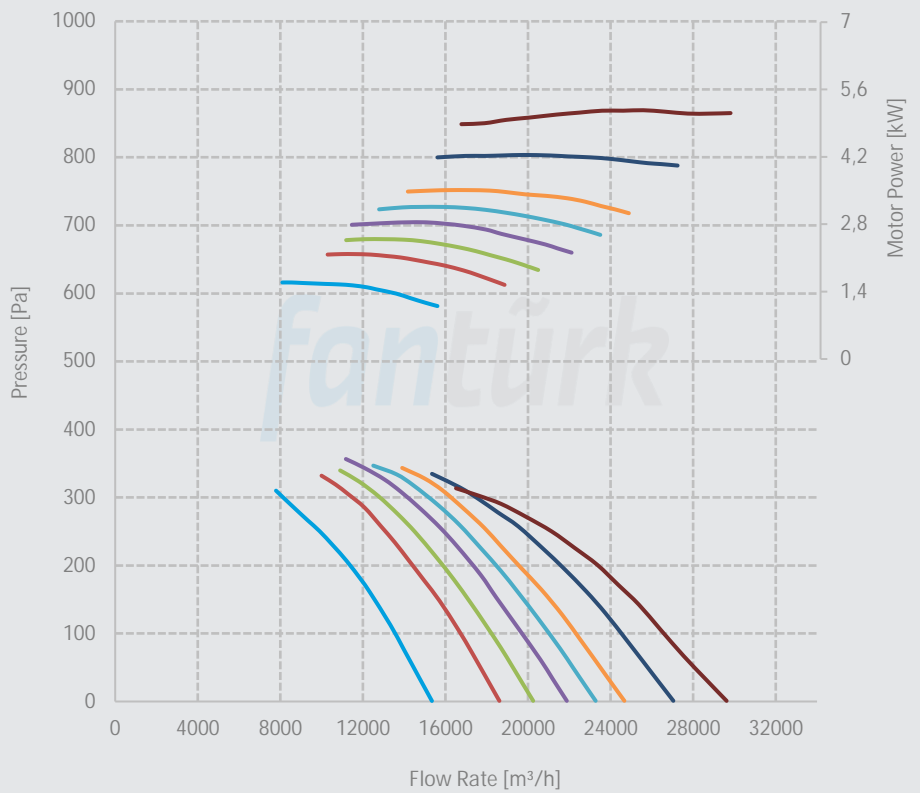


# Performance Curves

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

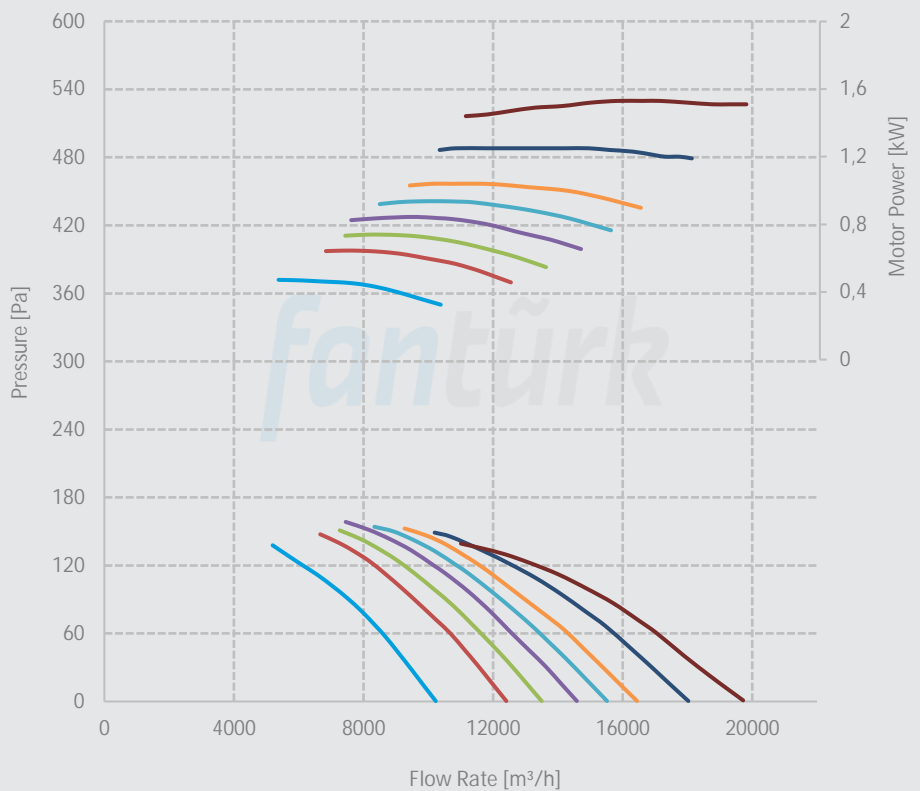
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

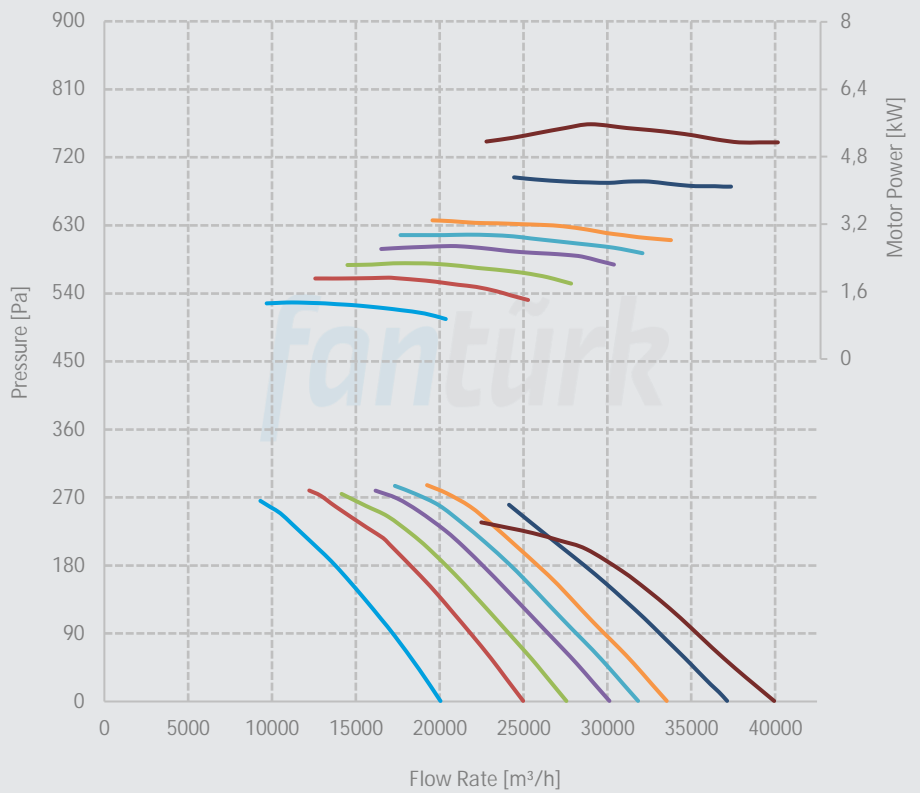


# Performance Curves

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

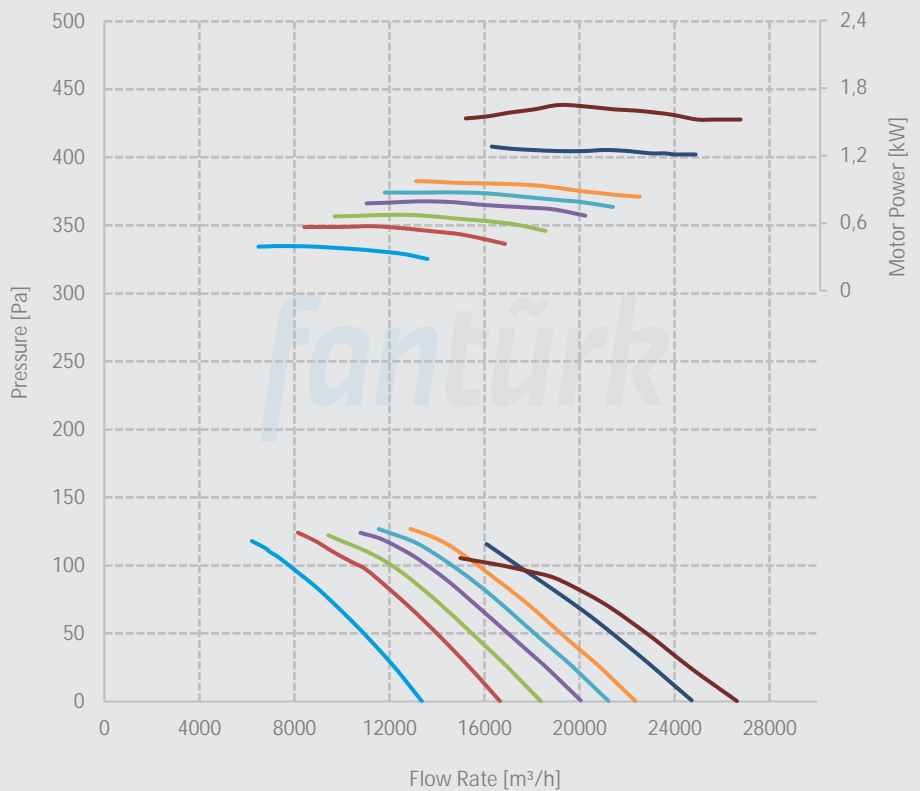
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

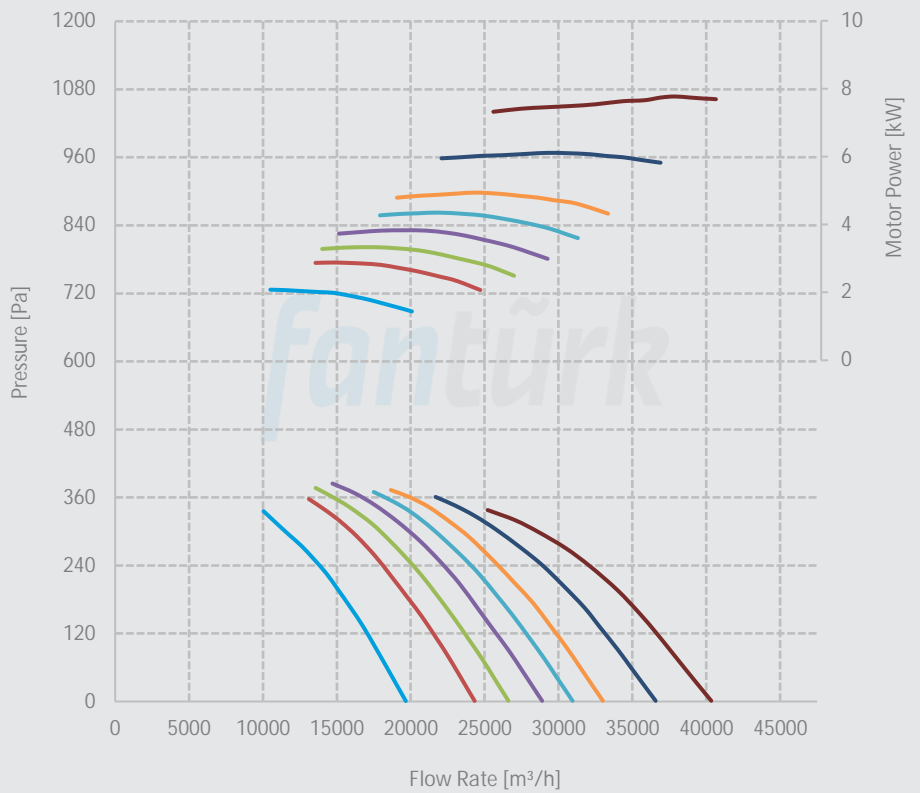


# Performance Curves

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

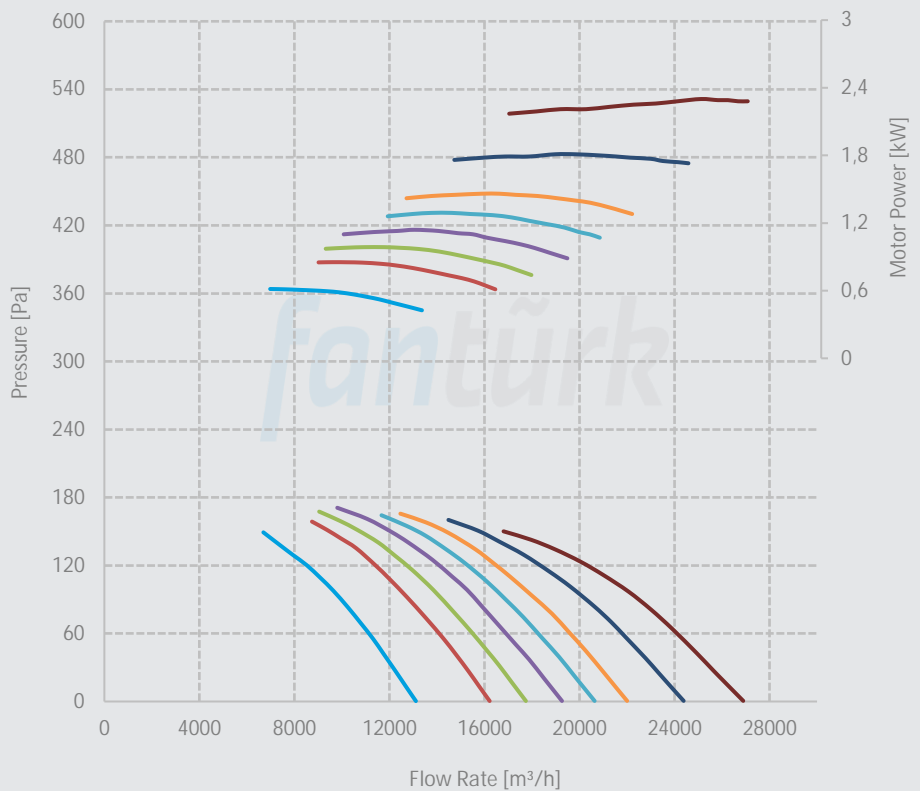
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

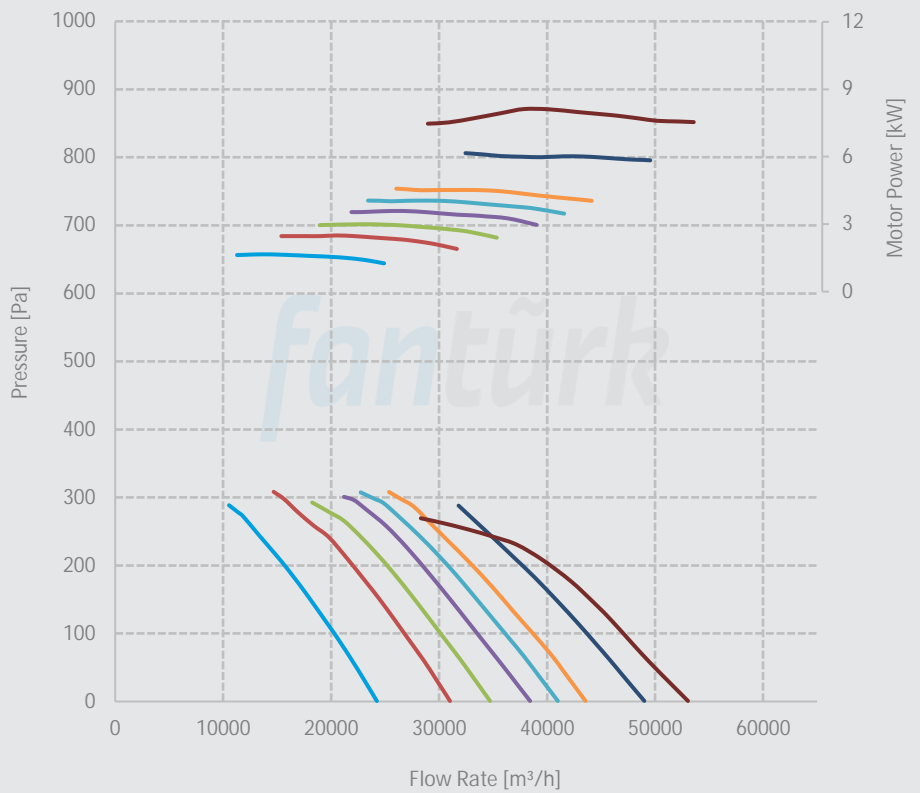


# Performance Curves

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

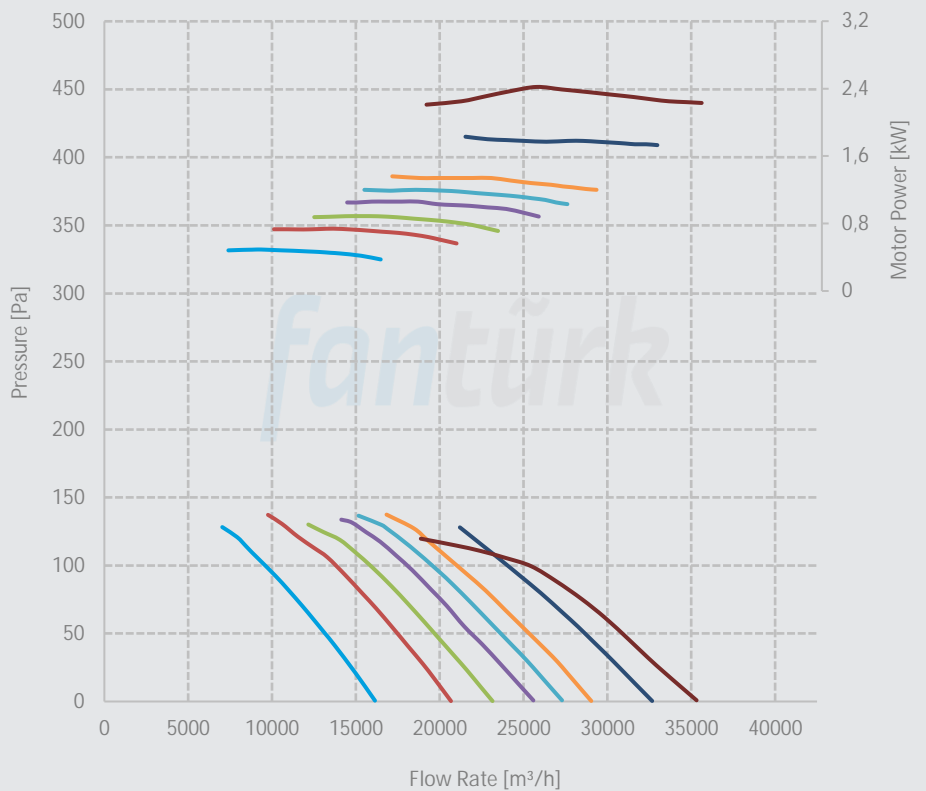
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

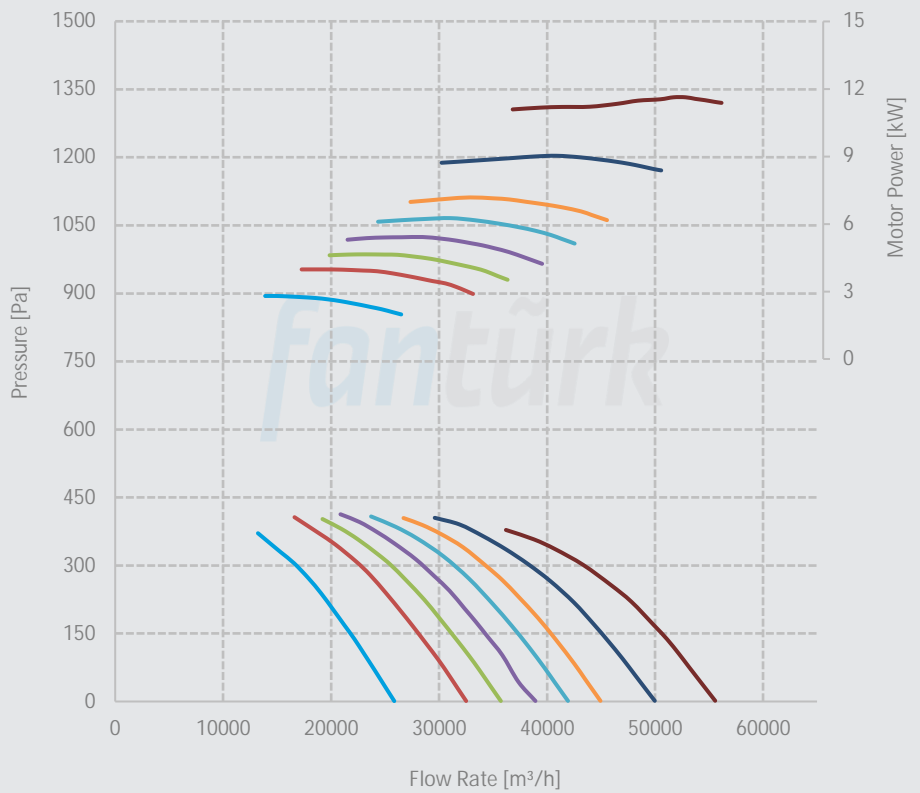


# Performance Curves

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

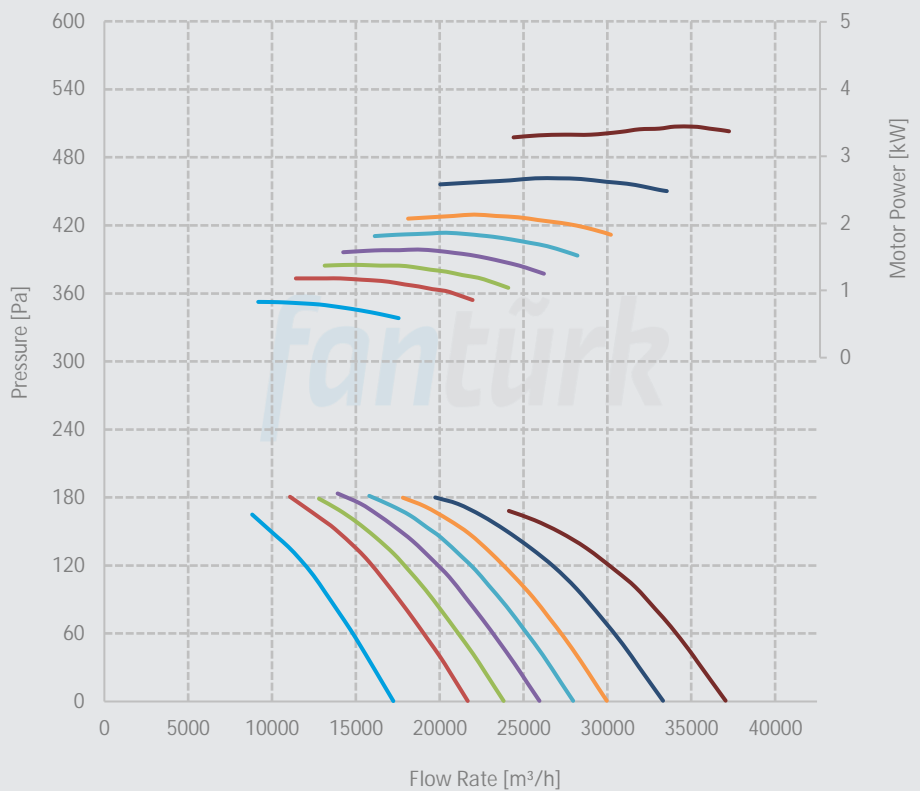
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

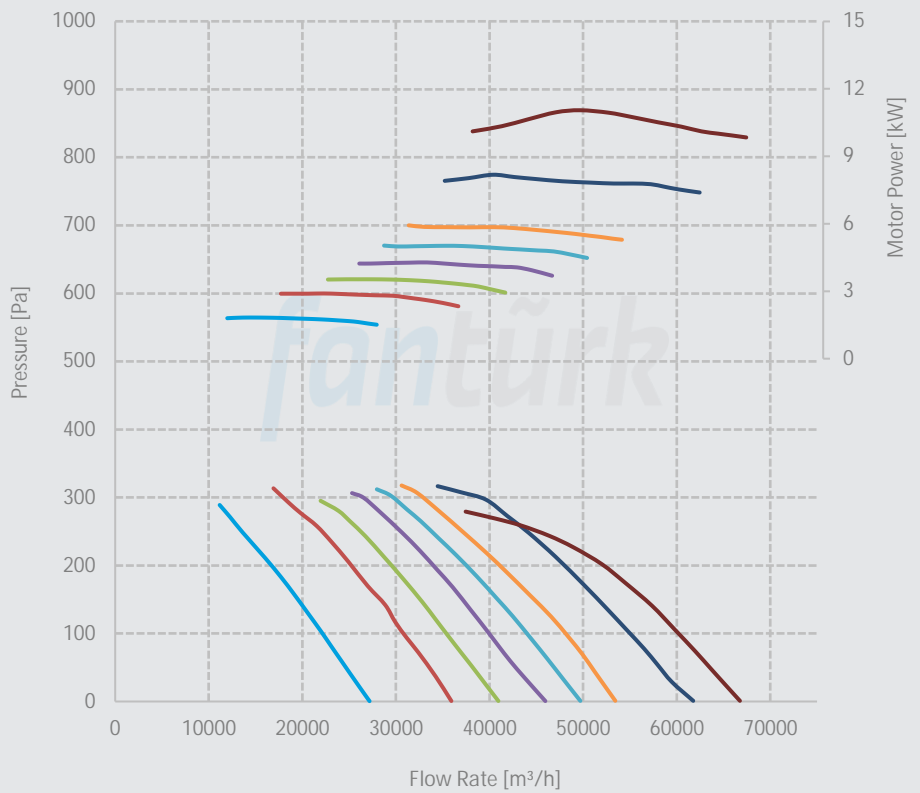


# Performance Curves

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

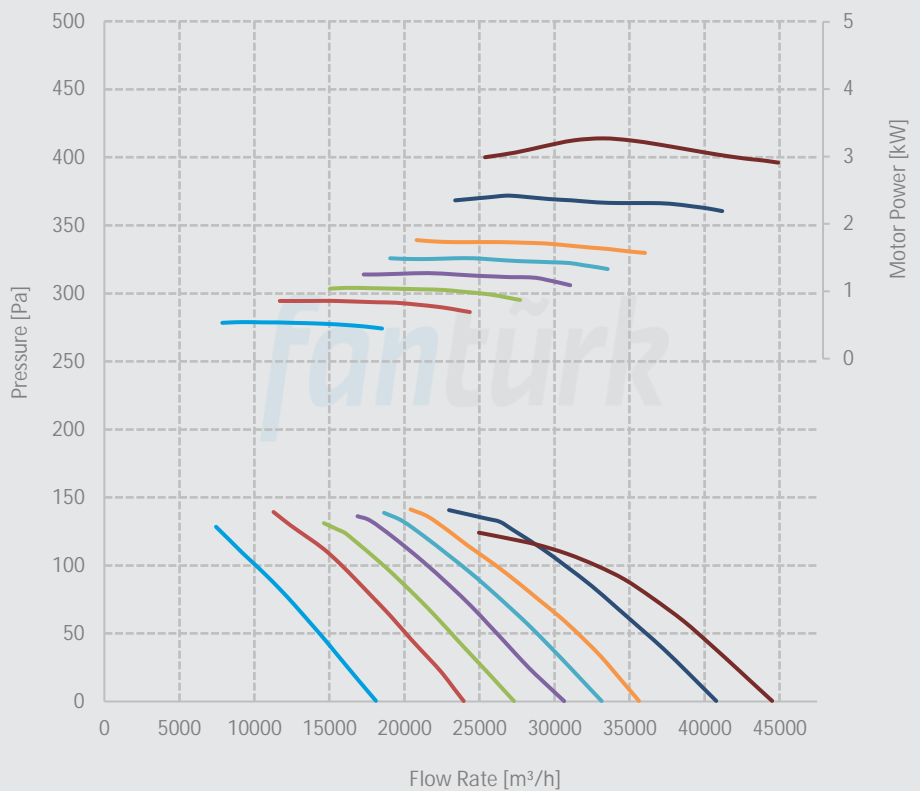
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

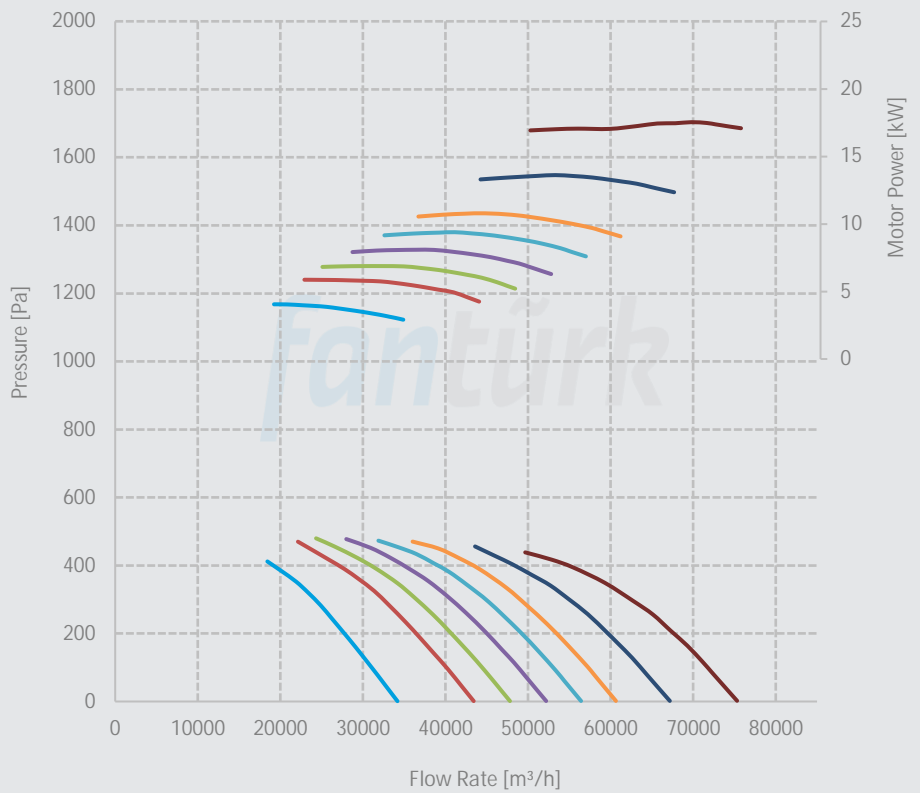


# Performance Curves

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

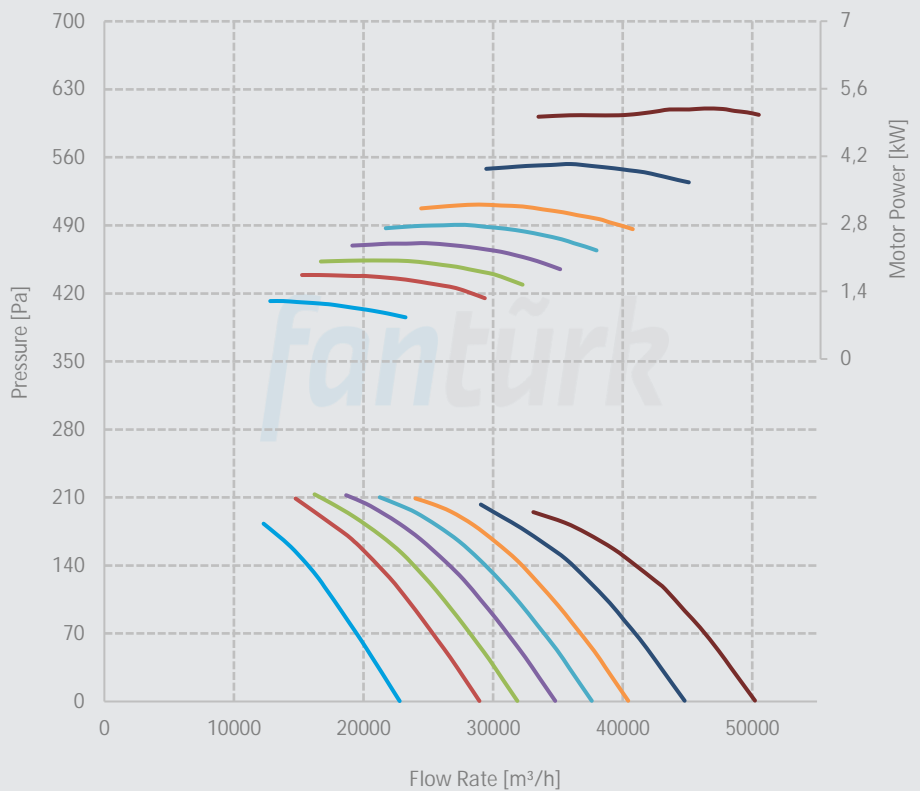
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

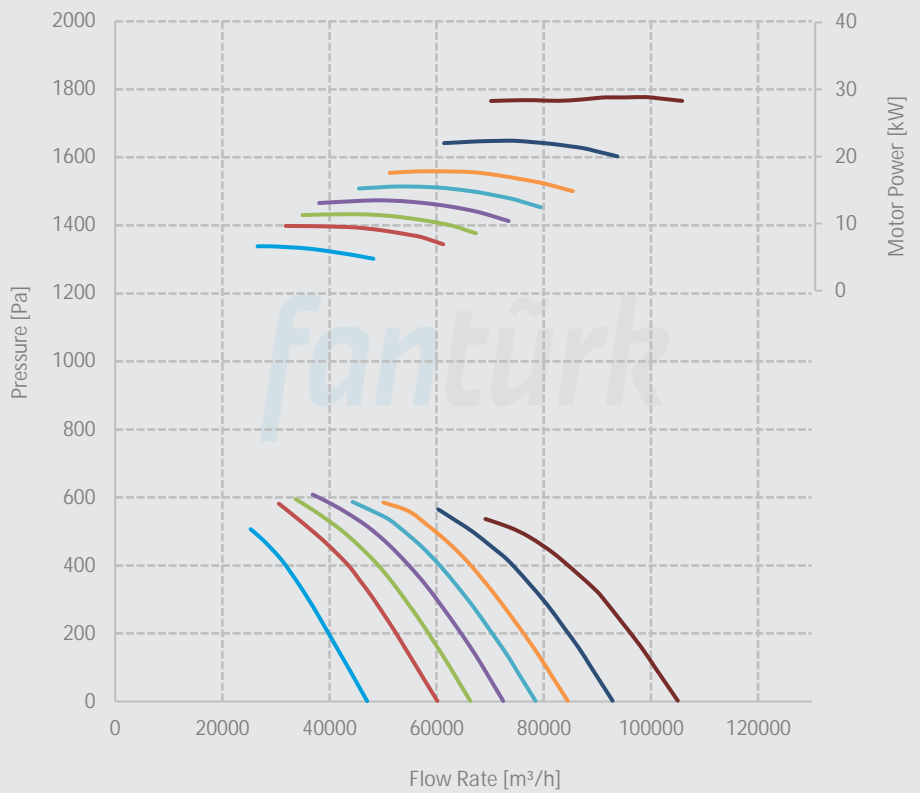


# Performance Curves

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

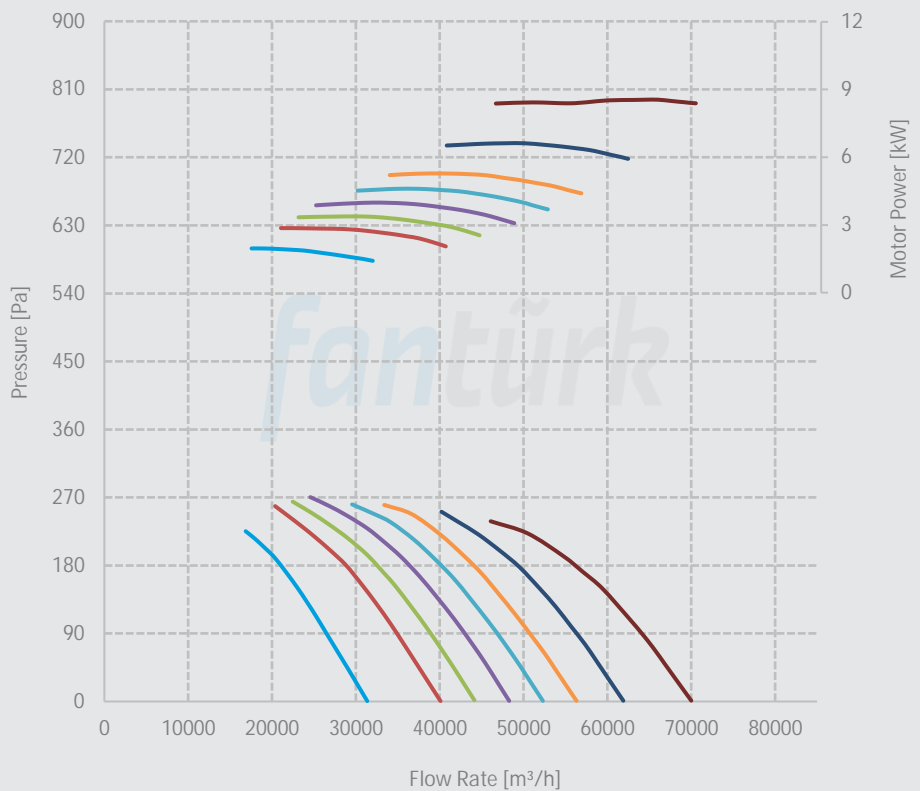
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

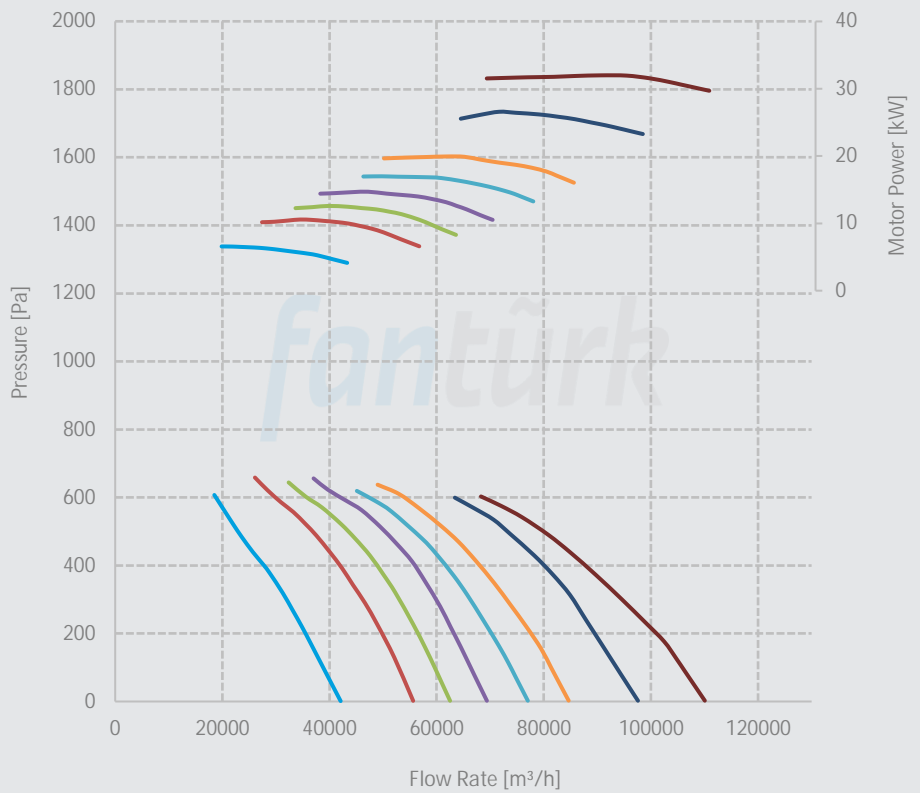


# Performance Curves

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

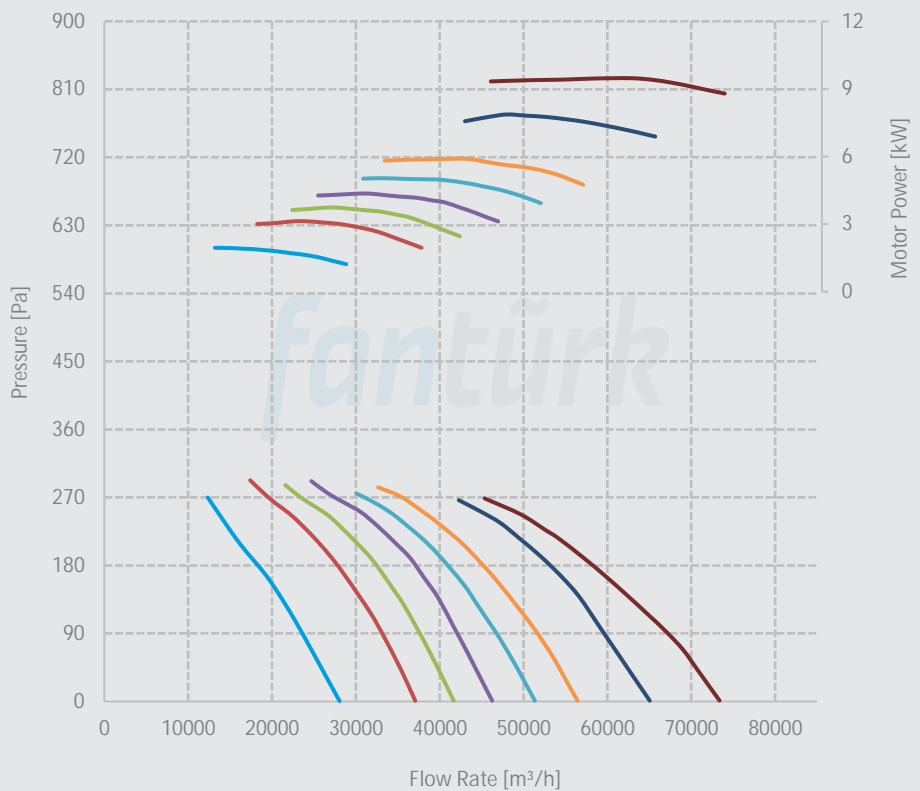
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

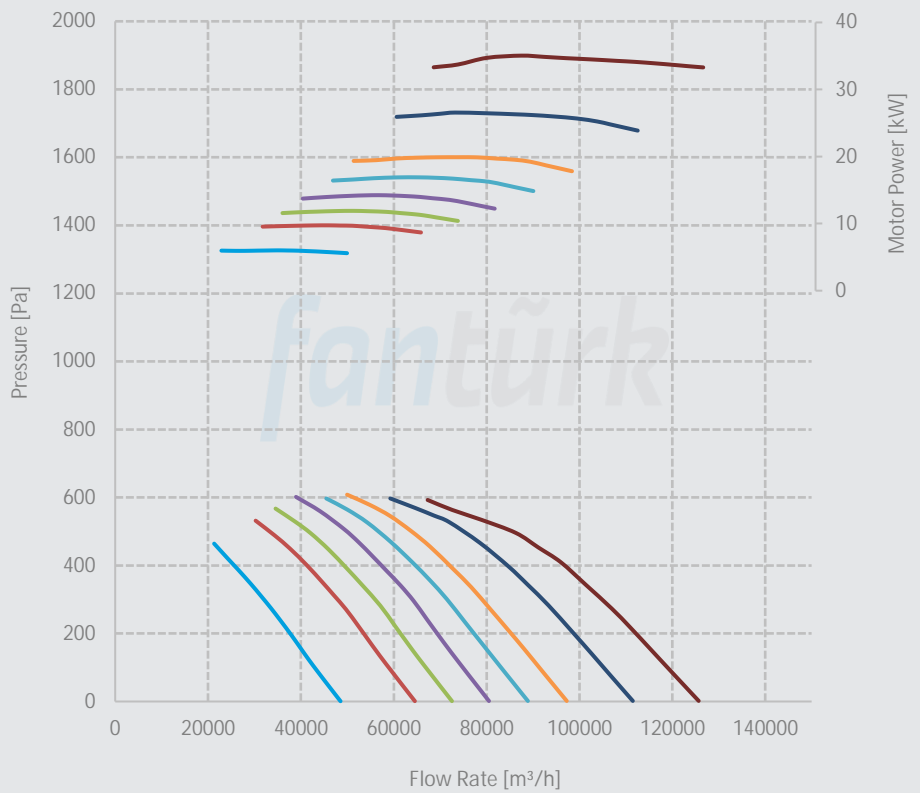


# Performance Curves

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

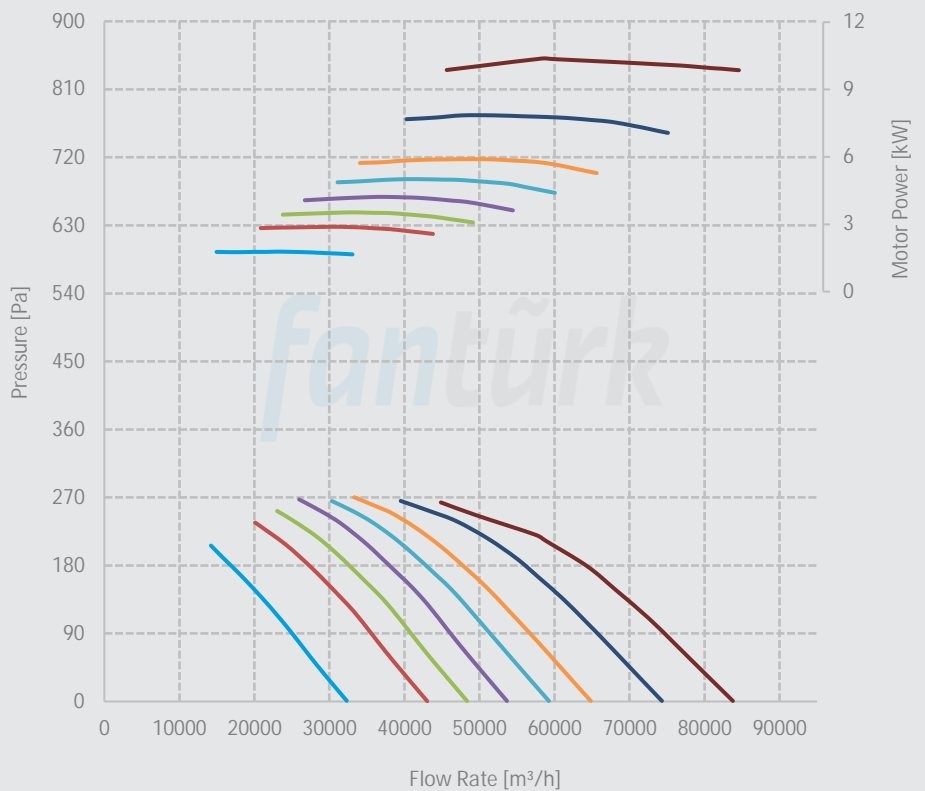
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

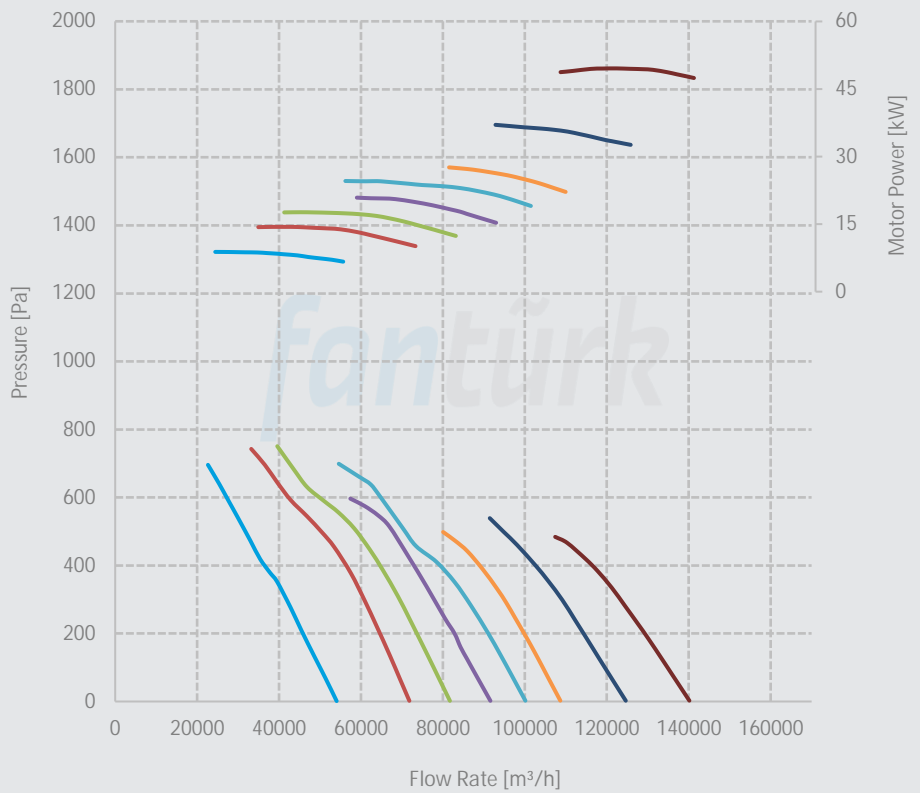


# Performance Curves

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

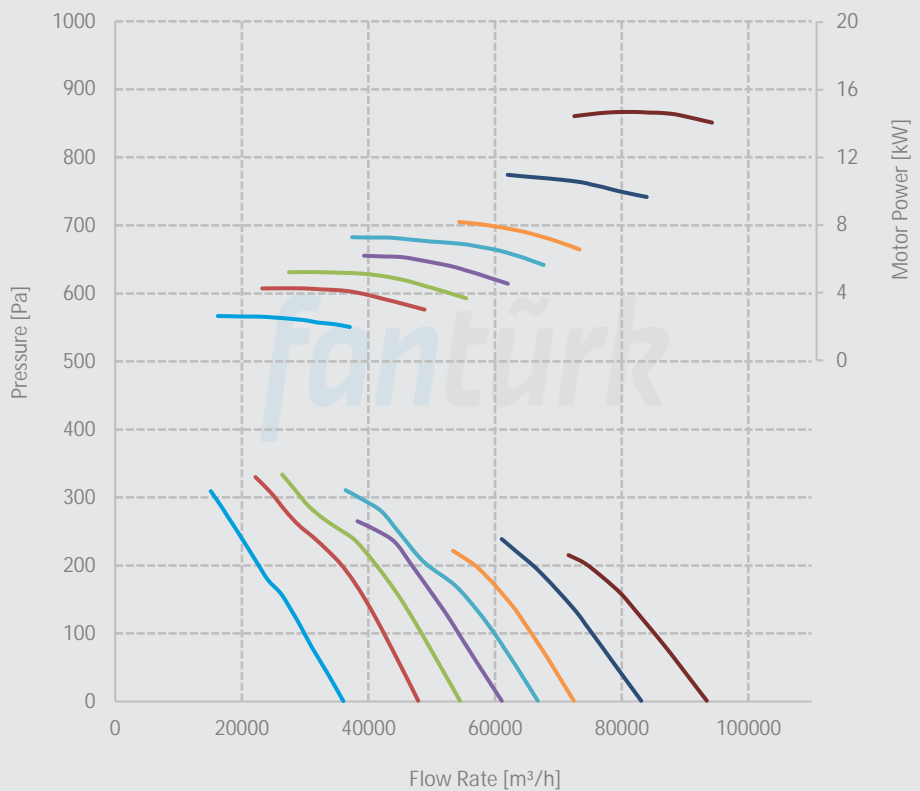
- 25°    — 30°    — 32,5°
- 35°    — 37,5°    — 40°
- 45°    — 50°



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°

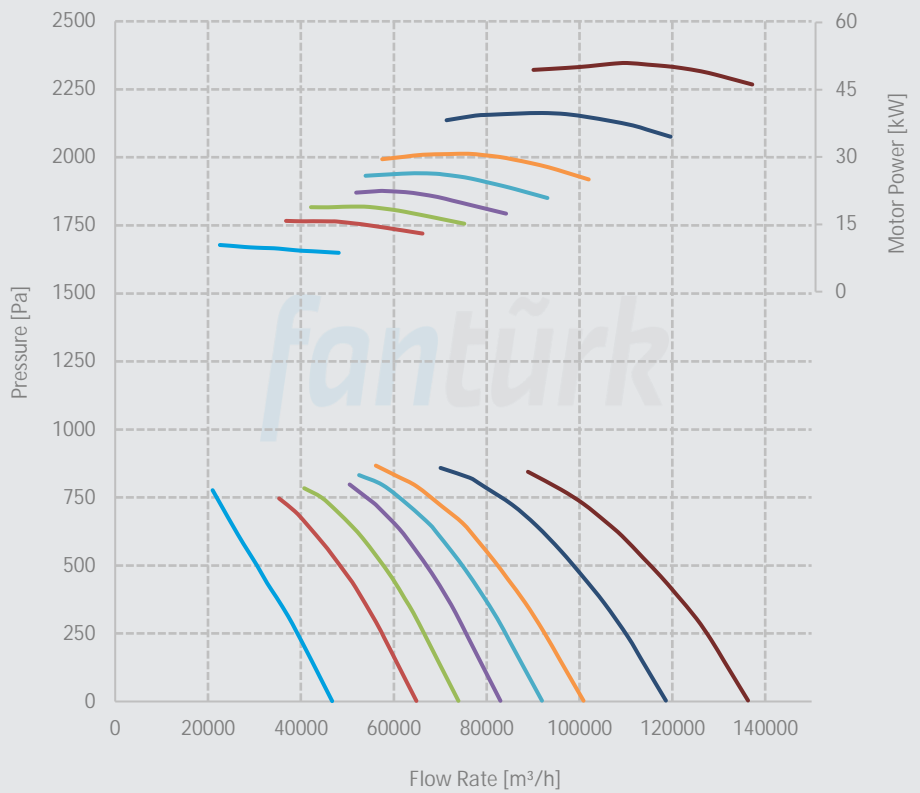


# Performance Curves

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°

