



Product Catalogue



H-FWA *Cabinet Type* *Axial Fan*



Technical Specifications

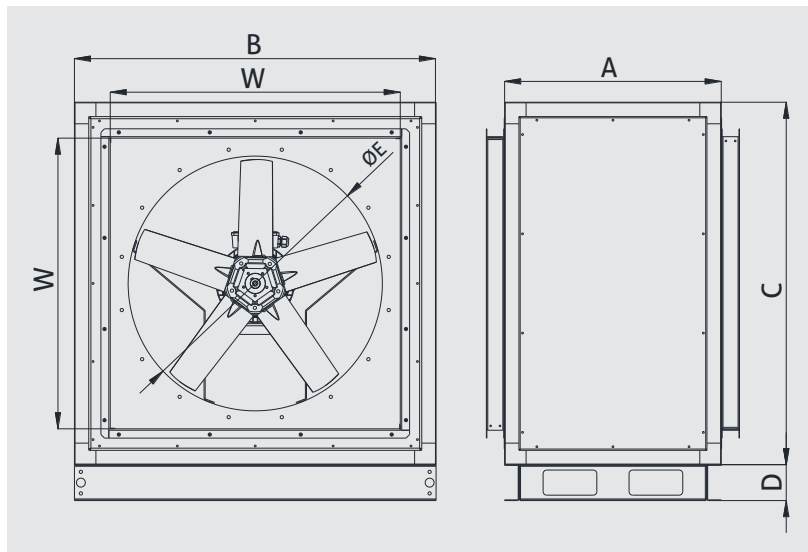
CABINET TYPE AXIAL FAN

H-FWA series axial fresh 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 on roof floor. H-FWA axial fans have high performance, trouble-free operation. With wide selection of models, P-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. 50 mm rockwool and double walled cell structure are used for sound insulations. 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

It can be used in all kinds of industrial, office, shopping mall, hospital, factory, parking lot and residential ventilation and pressurization systems.

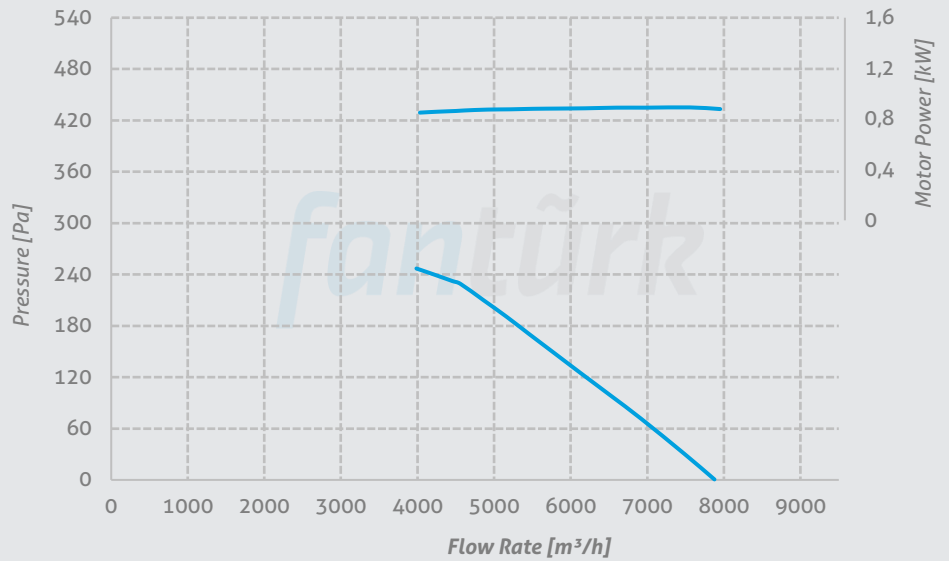


	A	B	C	D	E	W x H	VOLTAGE	FREQUENCY
MODEL	mm	mm	mm	mm	mm	mm	V	Hz
H-FWA 400	550	700	700	150	400	650x650	380	50
H-FWA 450	550	750	750	150	450	650x650	380	50
H-FWA 500	650	800	800	150	500	750x750	380	50
H-FWA 560	650	860	860	150	560	810x810	380	50
H-FWA 630	650	930	930	150	630	880x880	380	50
H-FWA 710	650	1010	1010	150	710	960x960	380	50
H-FWA 800	650	1100	1100	150	800	1050x1050	380	50
H-FWA 900	800	1200	1200	150	900	1150x1150	380	50
H-FWA 1000	850	1300	1300	150	1000	1250x1250	380	50
H-FWA 1120	850...1000	1420	1420	150	1120	1370x1370	380	50
H-FWA 1250	1000	1540	1540	150	1250	1490x1490	380	50

Performance Curves of Devices with Axial Fan

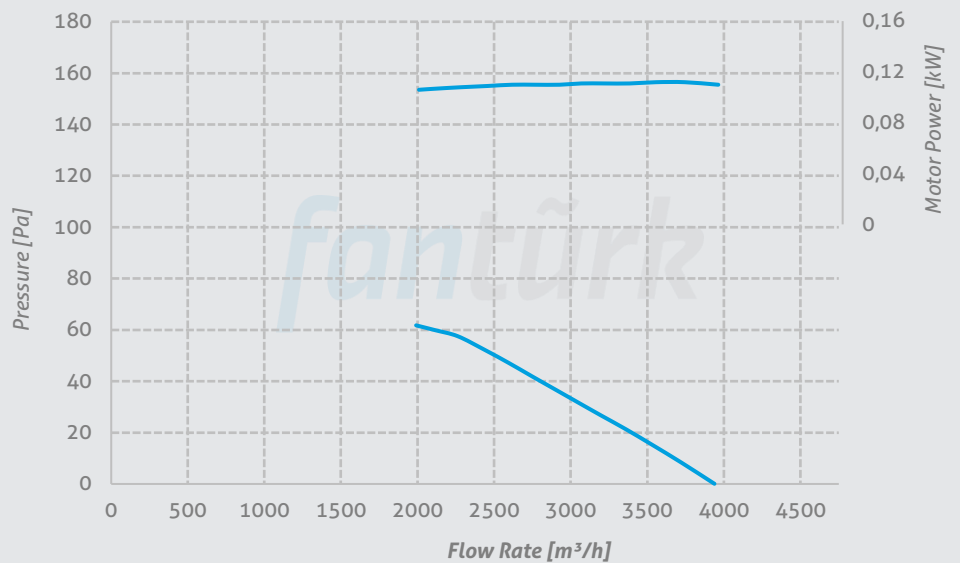
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

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



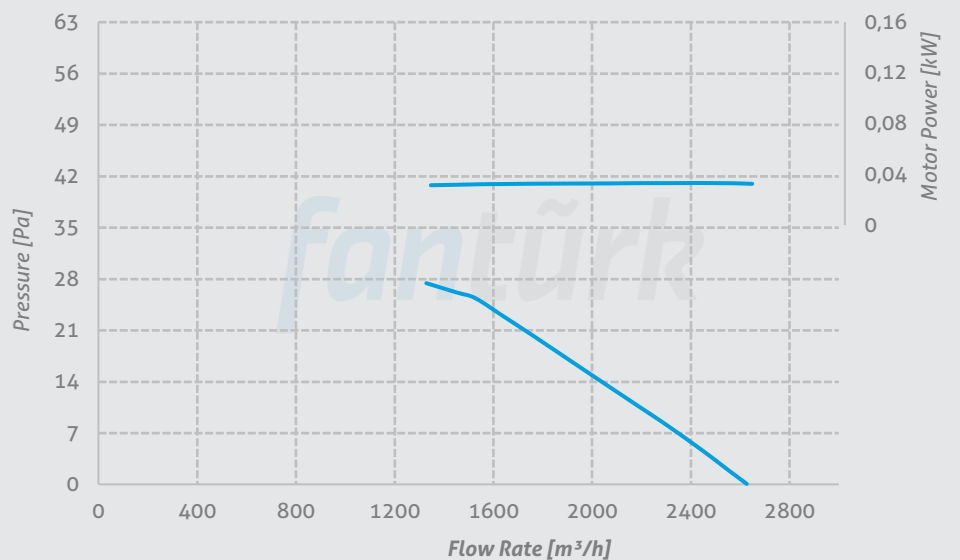
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

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

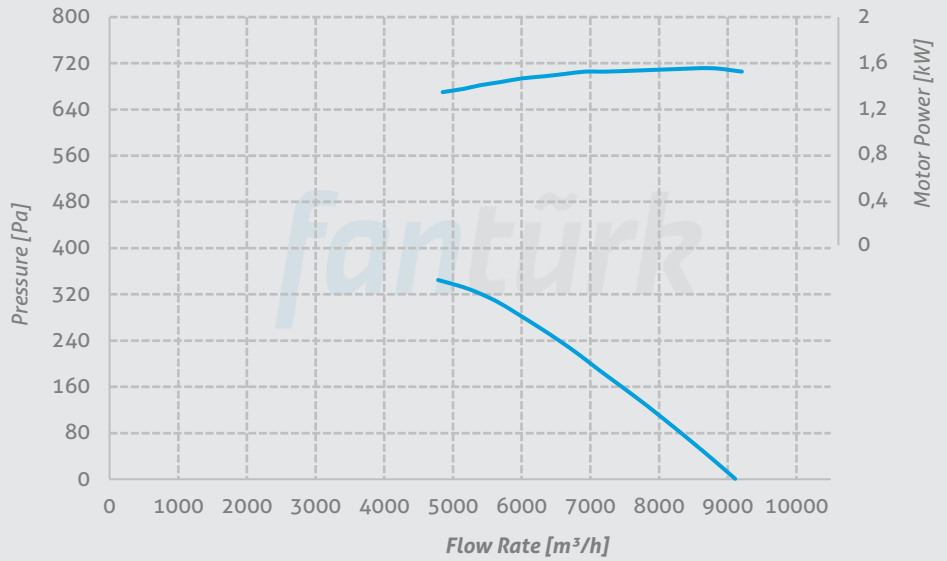
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

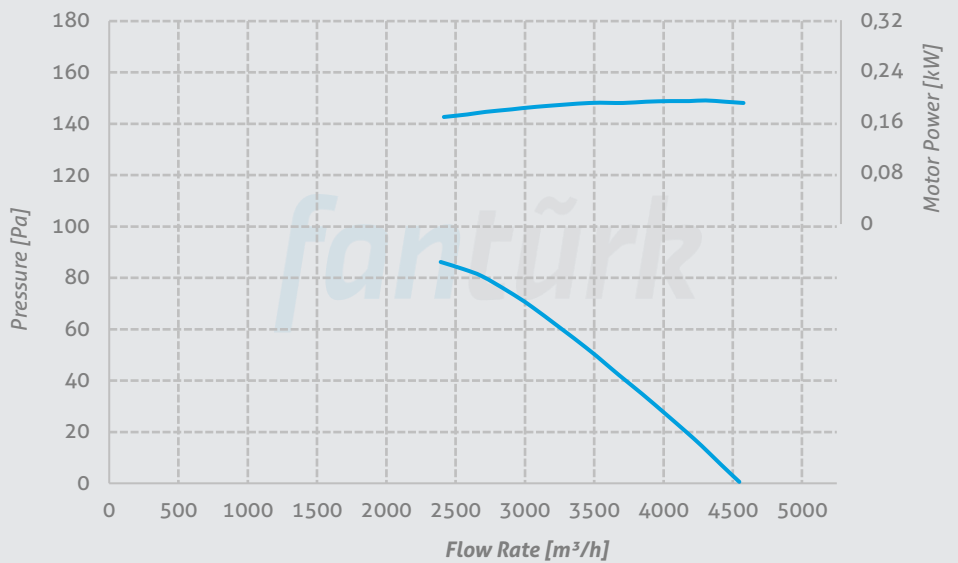
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

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



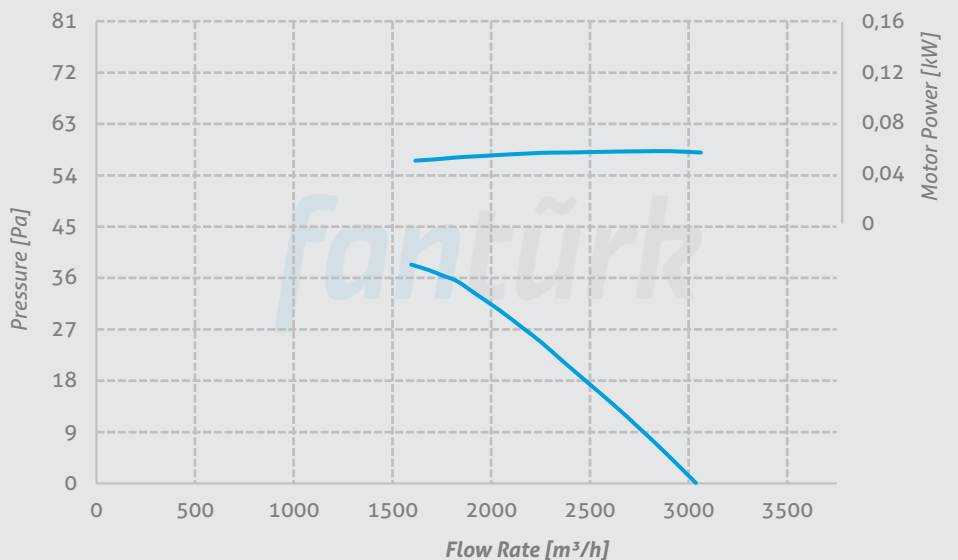
P-FWA 400
Y-FWA 400
H-FWA 400
Ç-FWA 400

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

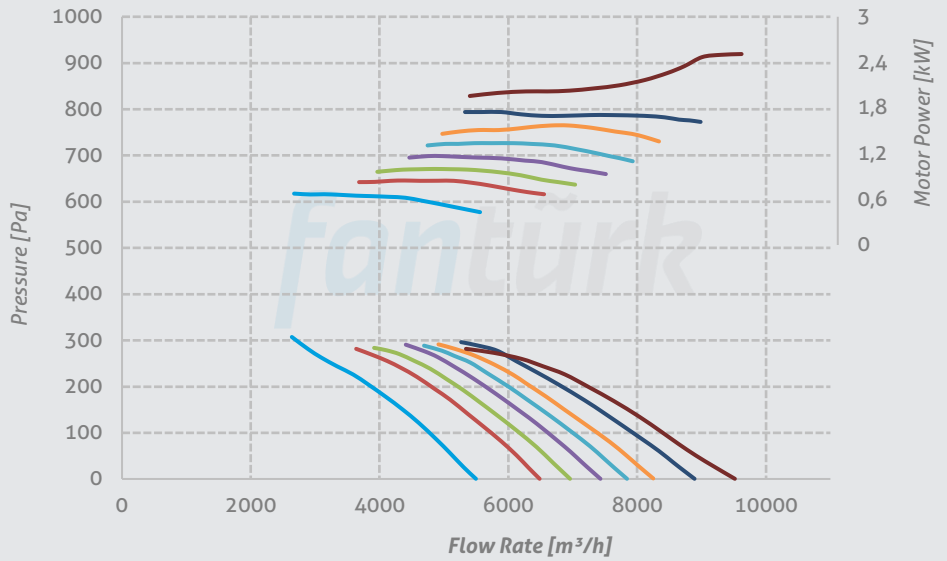


Performance Curves

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

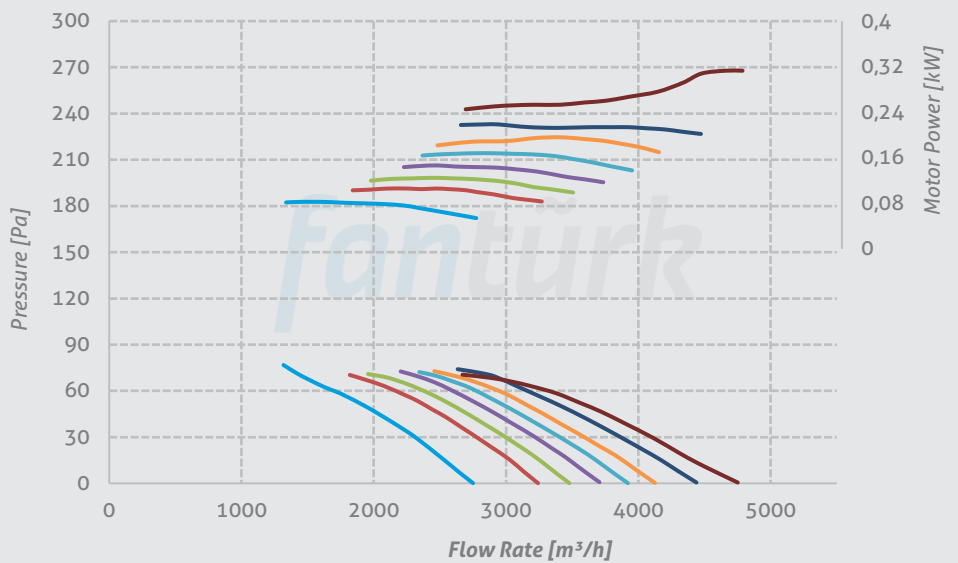
25° 30° 32,5°
 35° 37,5° 40°
 45° 50°



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

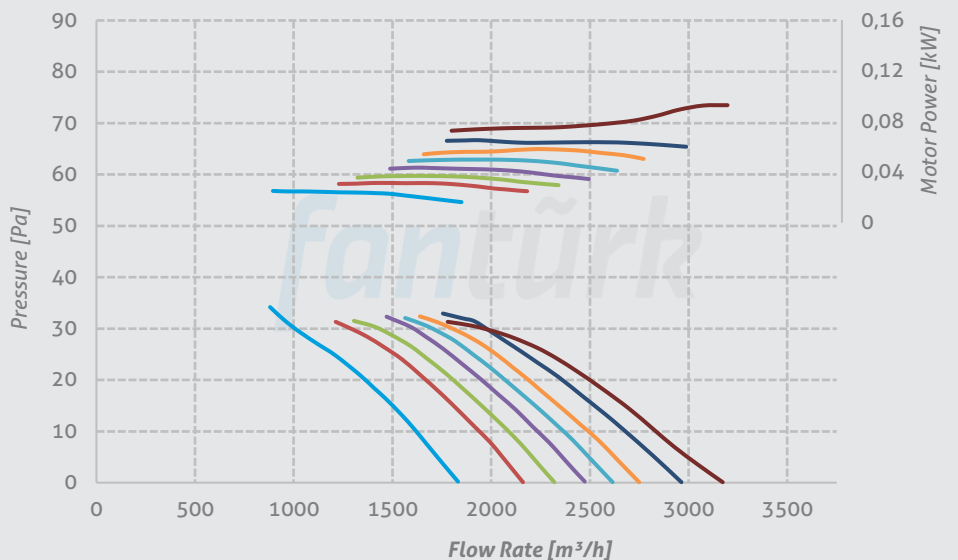
25° 30° 32,5°
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 45° 50°



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

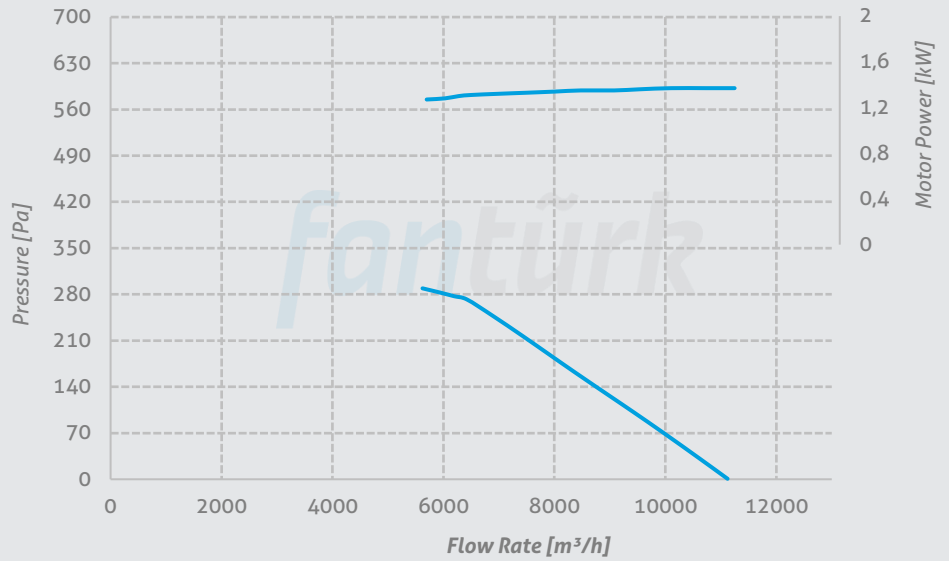
25° 30° 32,5°
 35° 37,5° 40°
 45° 50°



Performance Curves

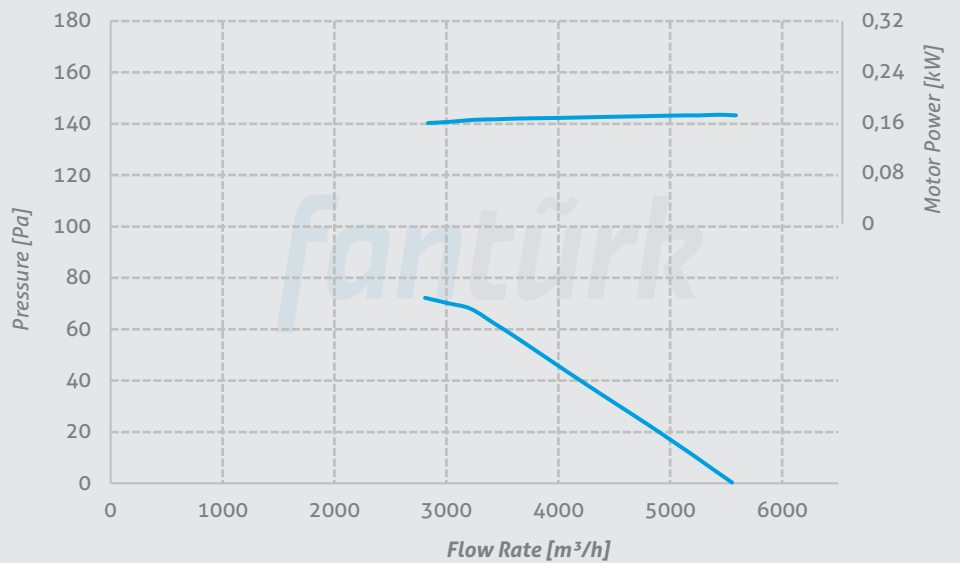
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

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



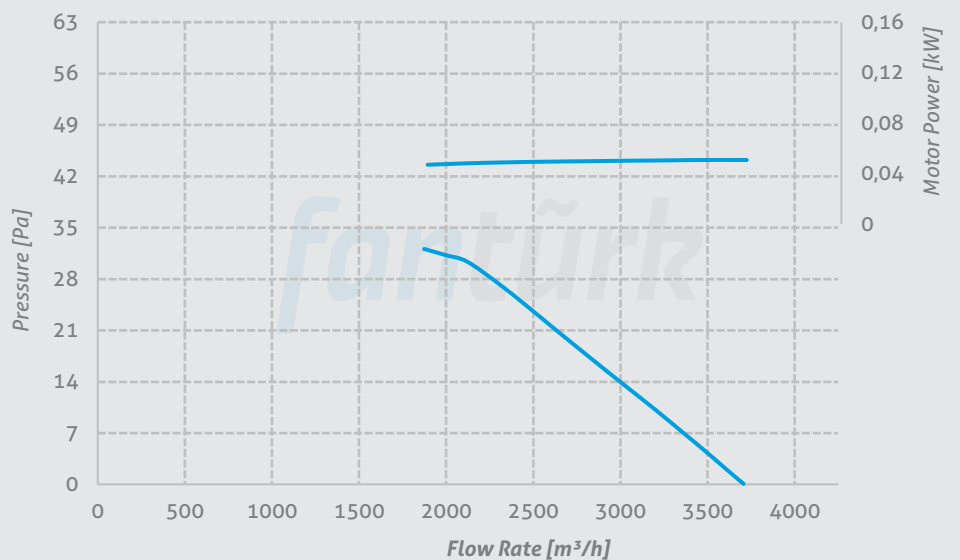
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

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

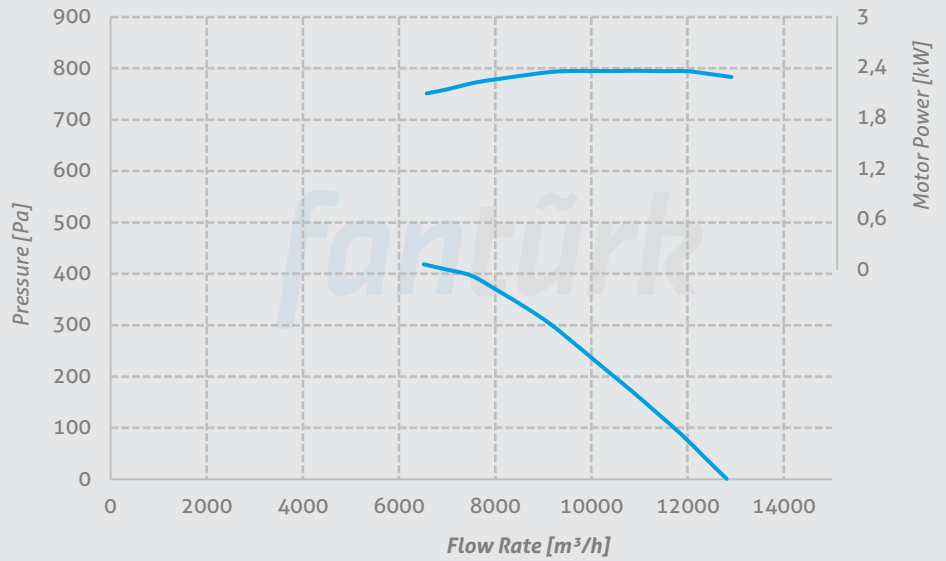
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

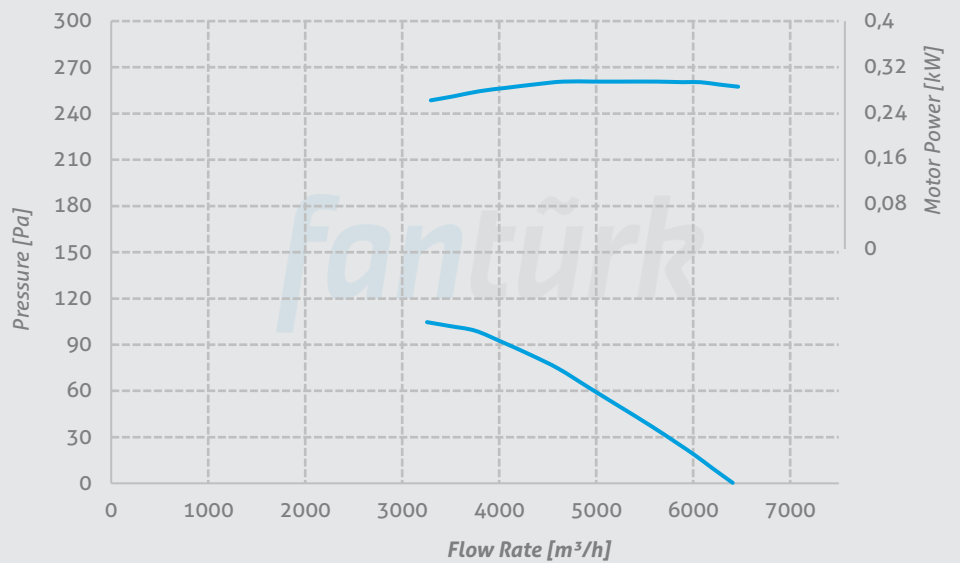
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

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



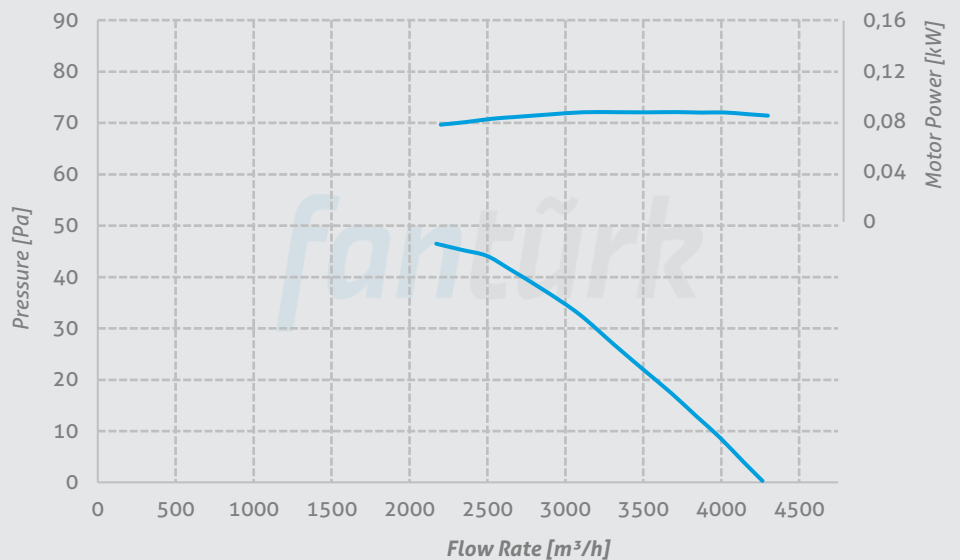
P-FWA 450
Y-FWA 450
H-FWA 450
Ç-FWA 450

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

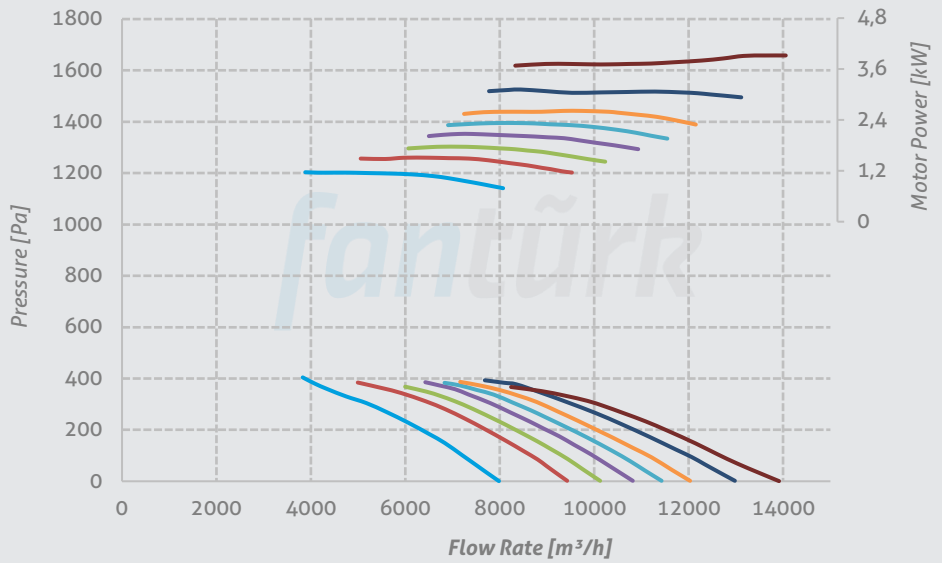


Performance Curves

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

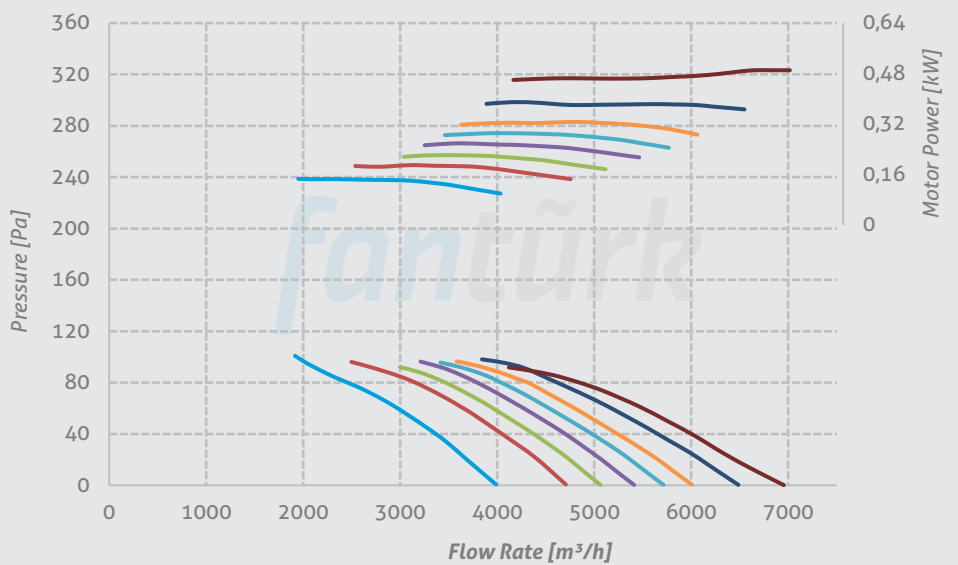
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



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

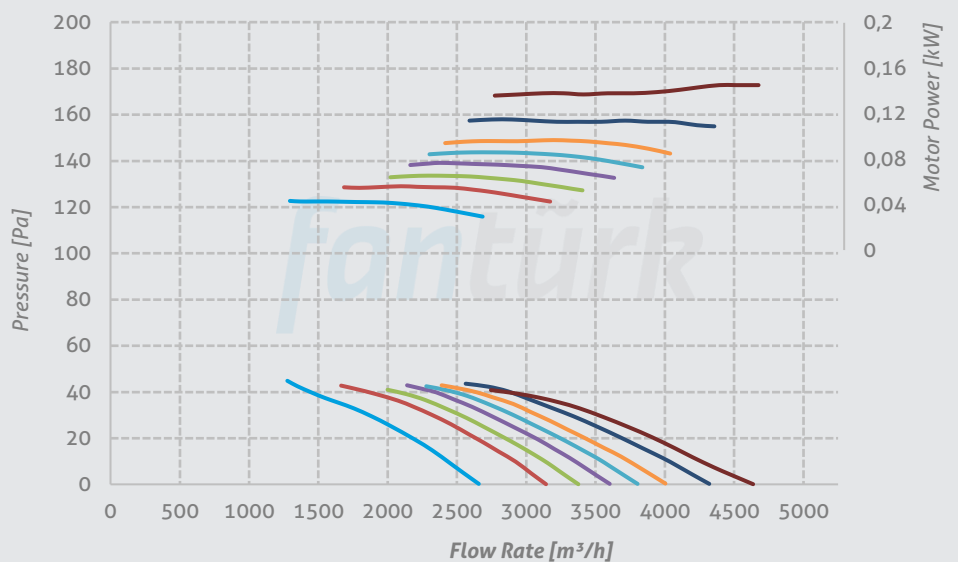
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



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

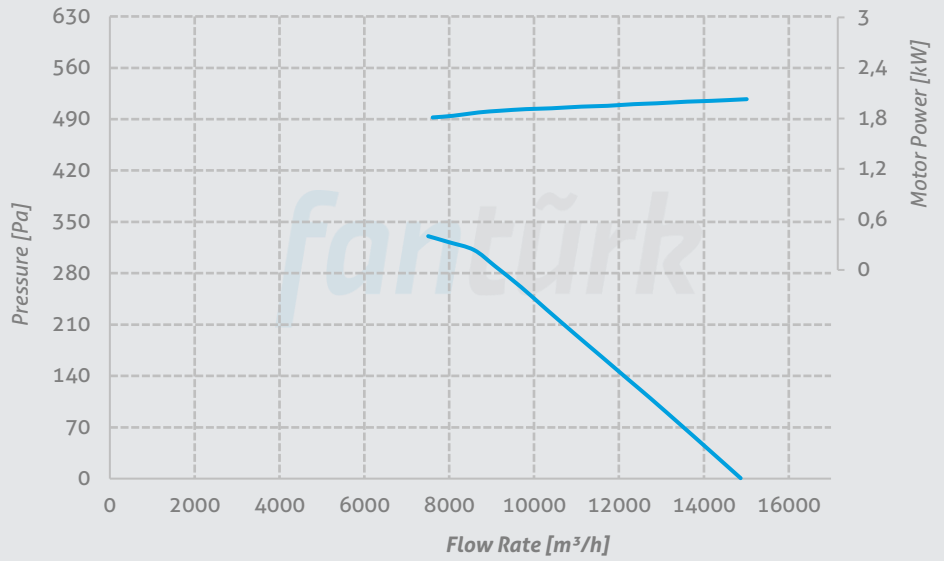
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 — 35° — 37,5° — 40°
 — 45° — 50°



Performance Curves

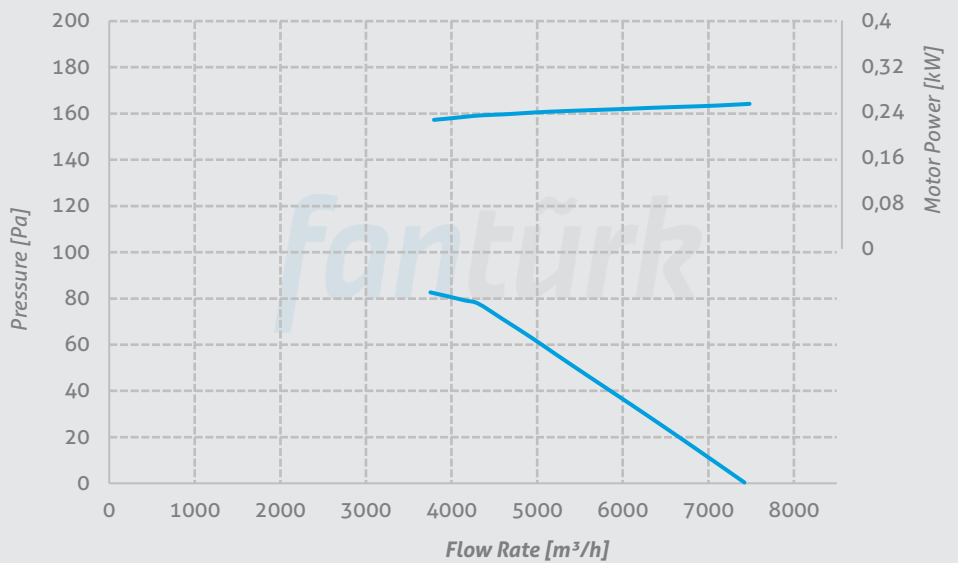
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

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



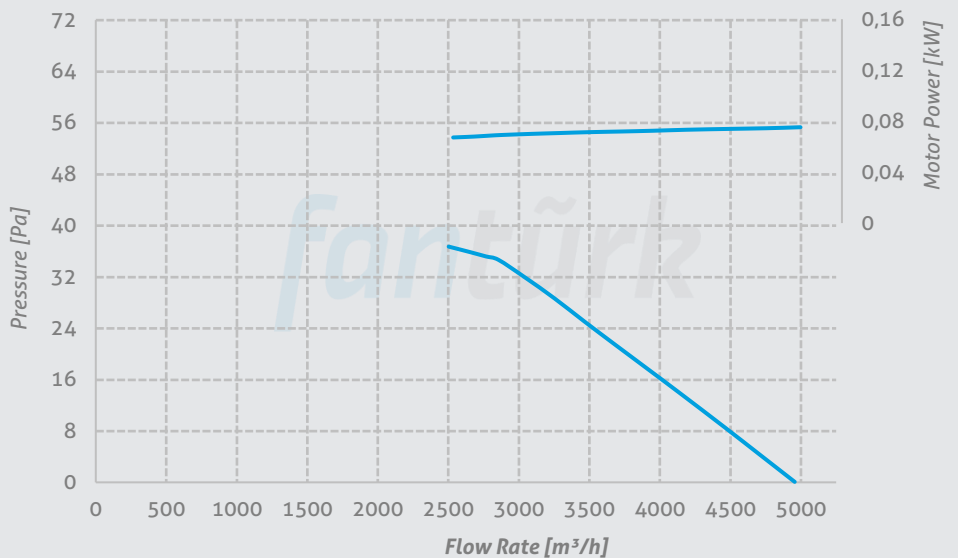
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

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

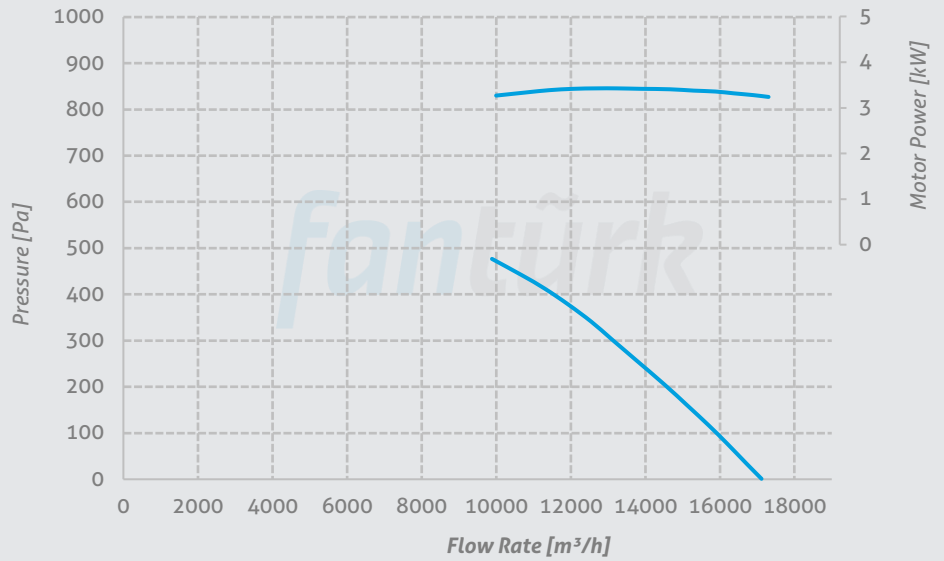
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

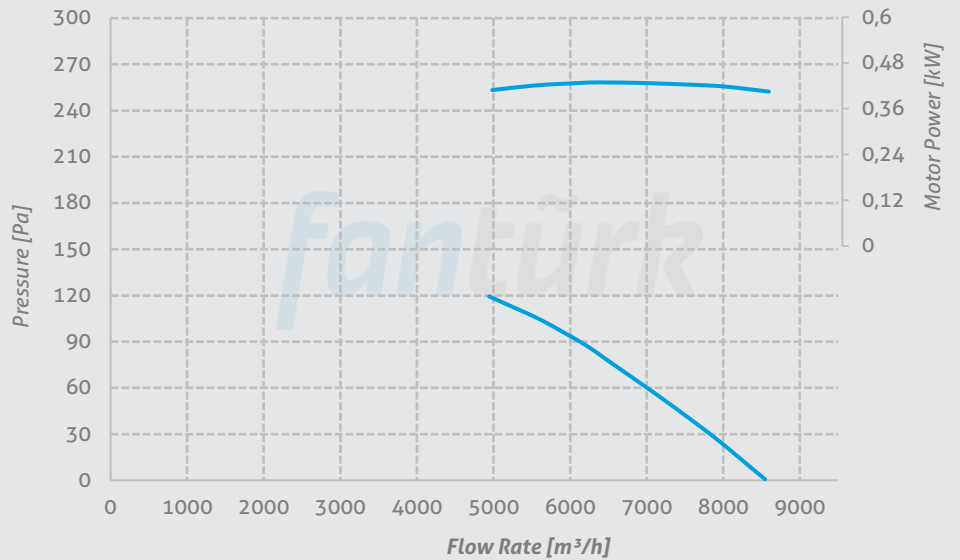
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

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



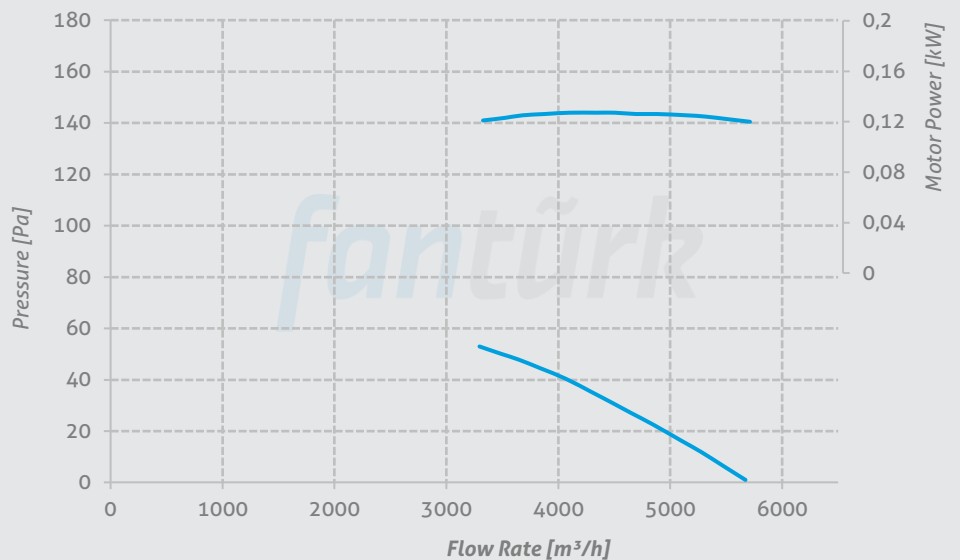
P-FWA 500
Y-FWA 500
H-FWA 500
Ç-FWA 500

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

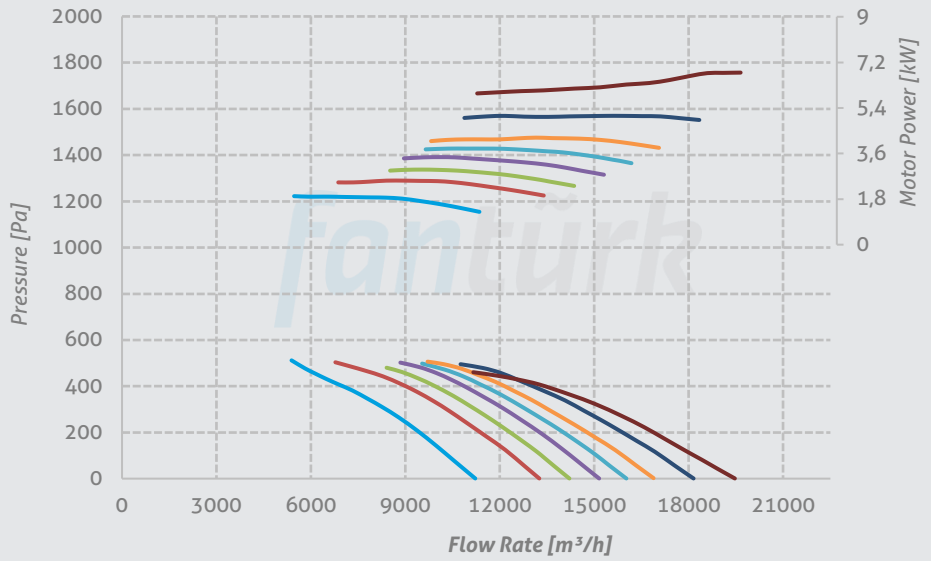


Performance Curves

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

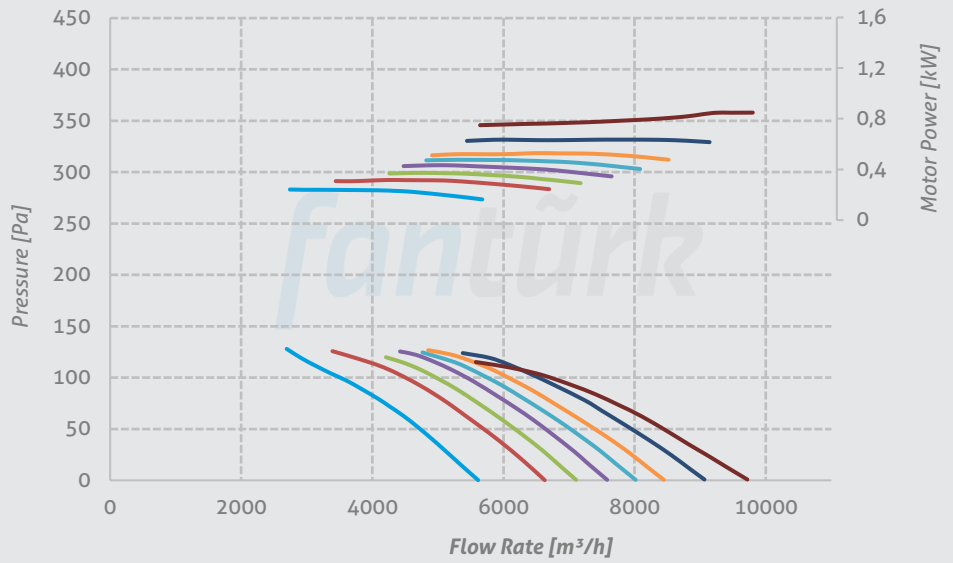
25° 30° 32,5°
 35° 37,5° 40°
 45° 50°



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

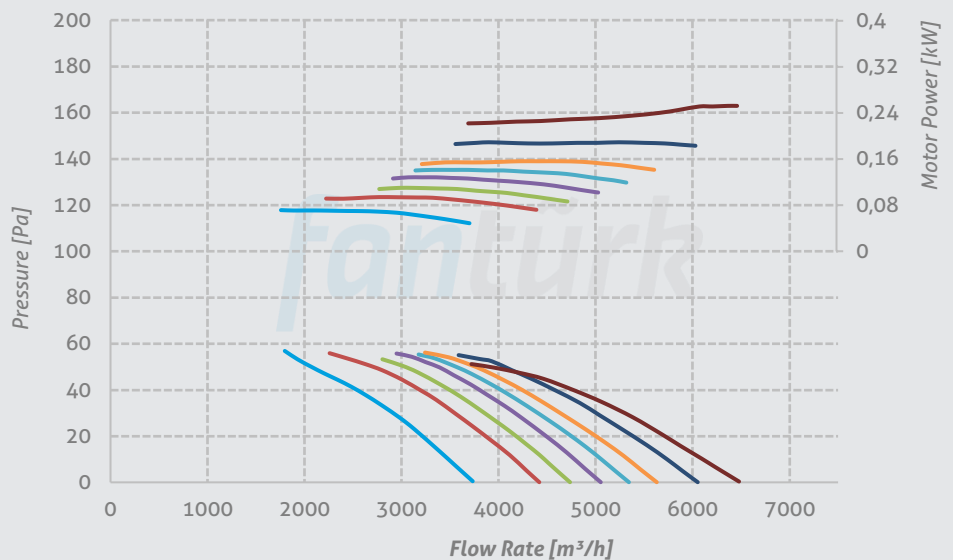
25° 30° 32,5°
 35° 37,5° 40°
 45° 50°



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

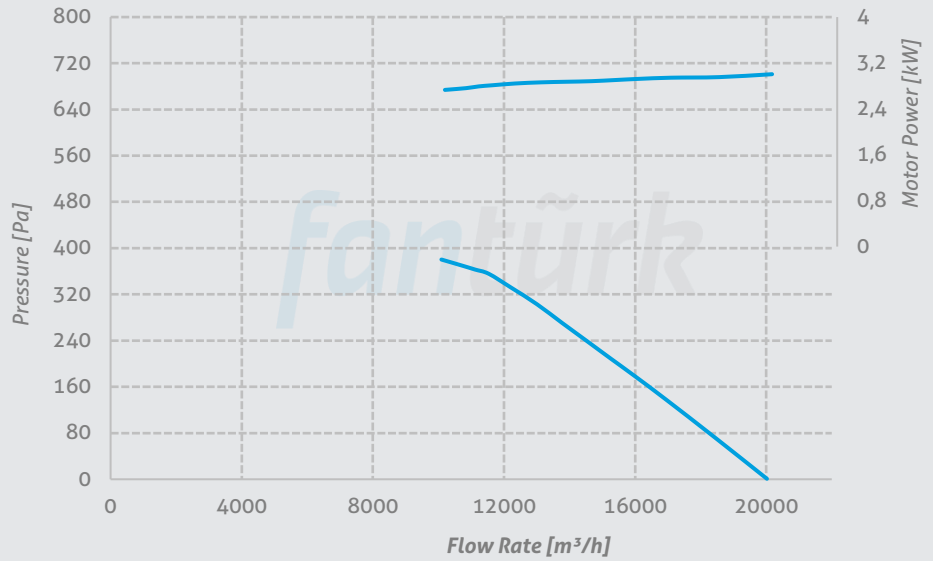
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 35° 37,5° 40°
 45° 50°



Performance Curves

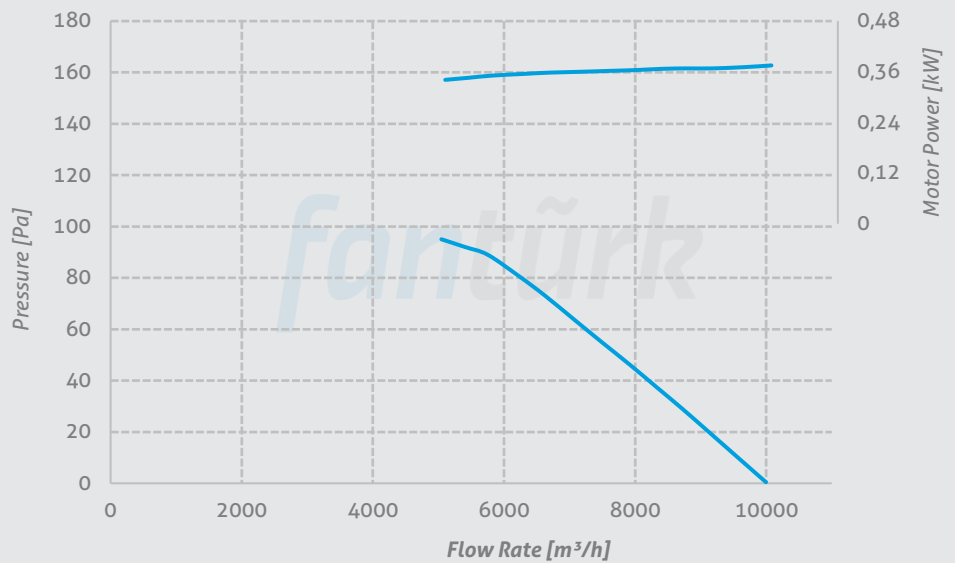
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

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



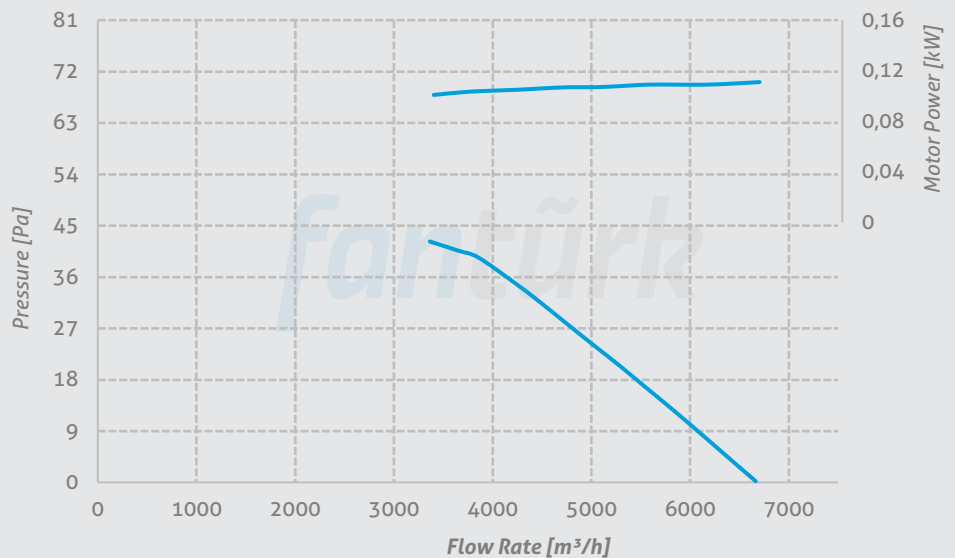
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

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

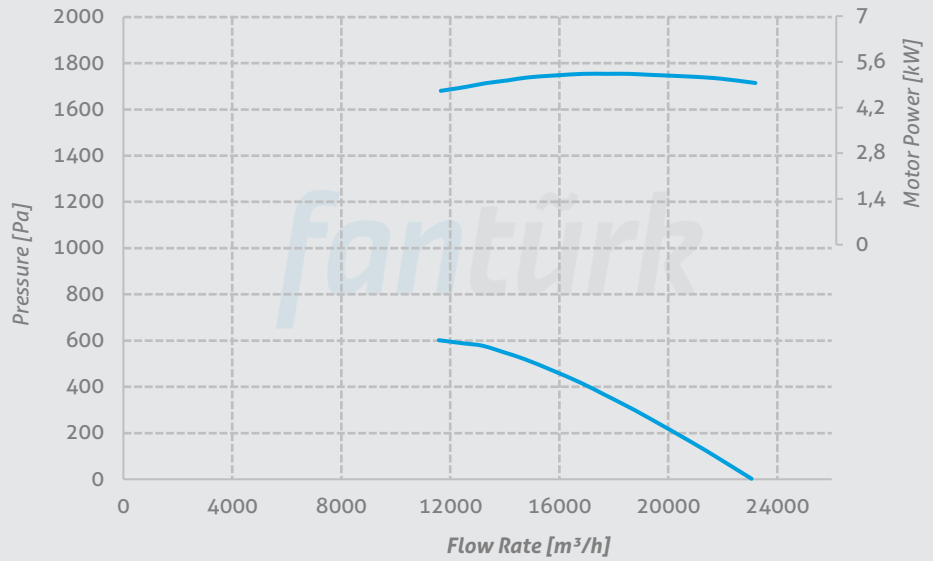
Nos. of Blades 3
 Hub Size 6
 Pitch Angle 45°
 Nos. of Poles 6
 Material Aluminum



Performance Curves

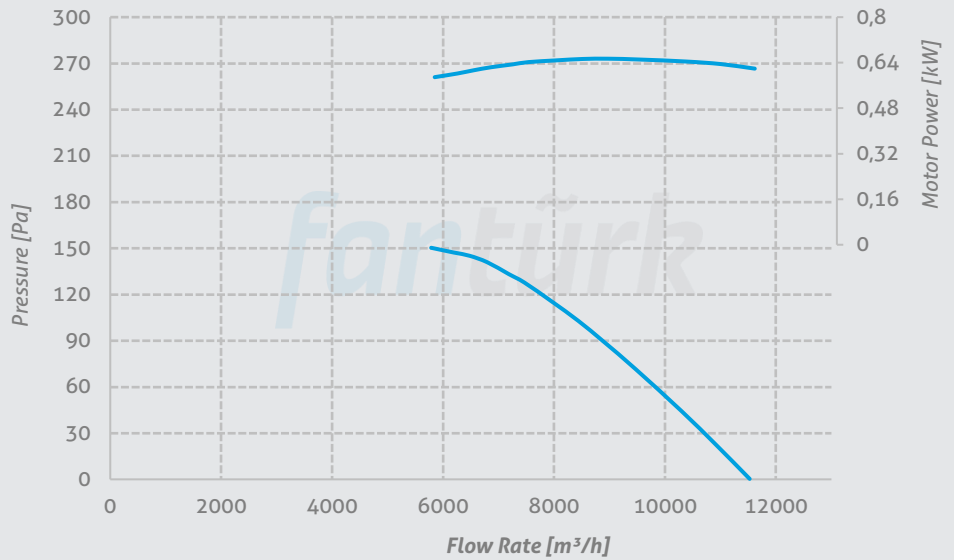
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

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



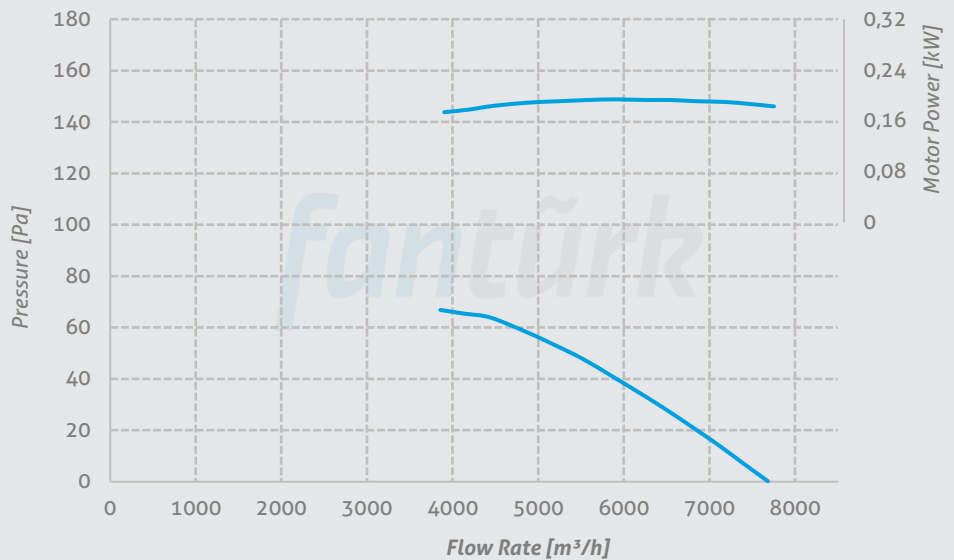
P-FWA 560
Y-FWA 560
H-FWA 560
Ç-FWA 560

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

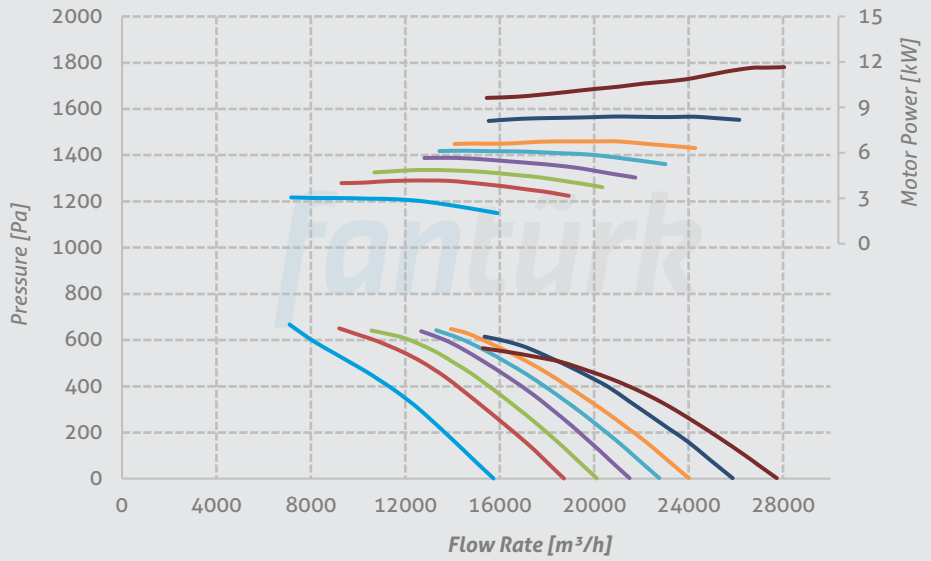


Performance Curves

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

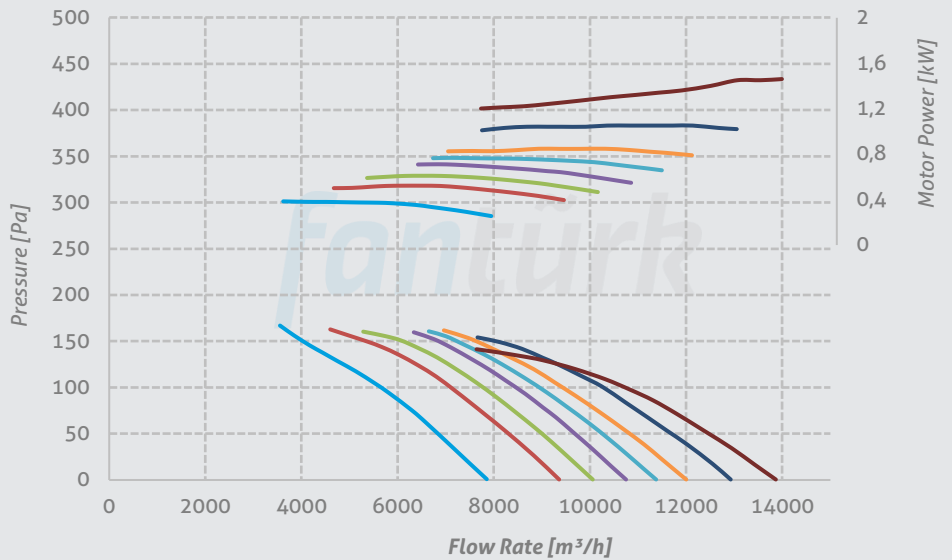
25° 30° 32,5°
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 45° 50°



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

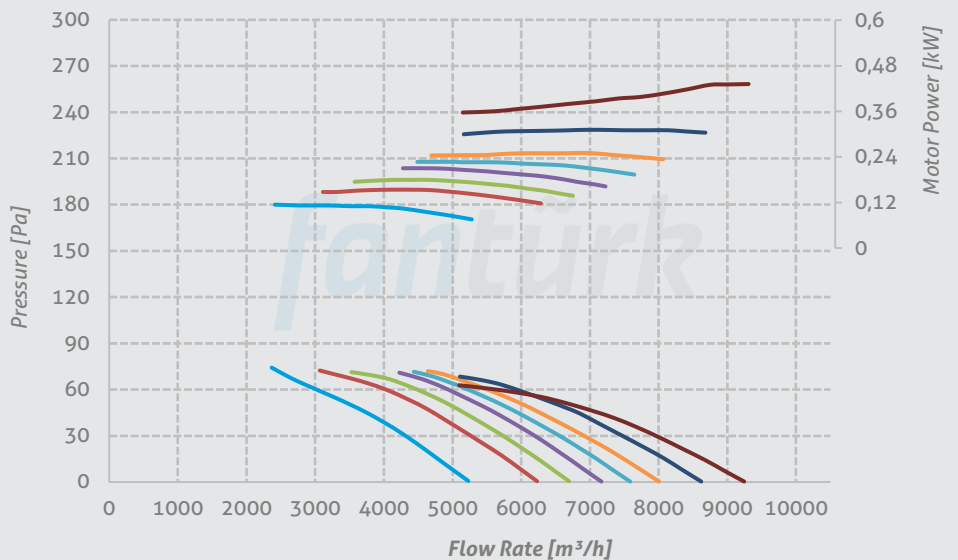
25° 30° 32,5°
 35° 37,5° 40°
 45° 50°



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°

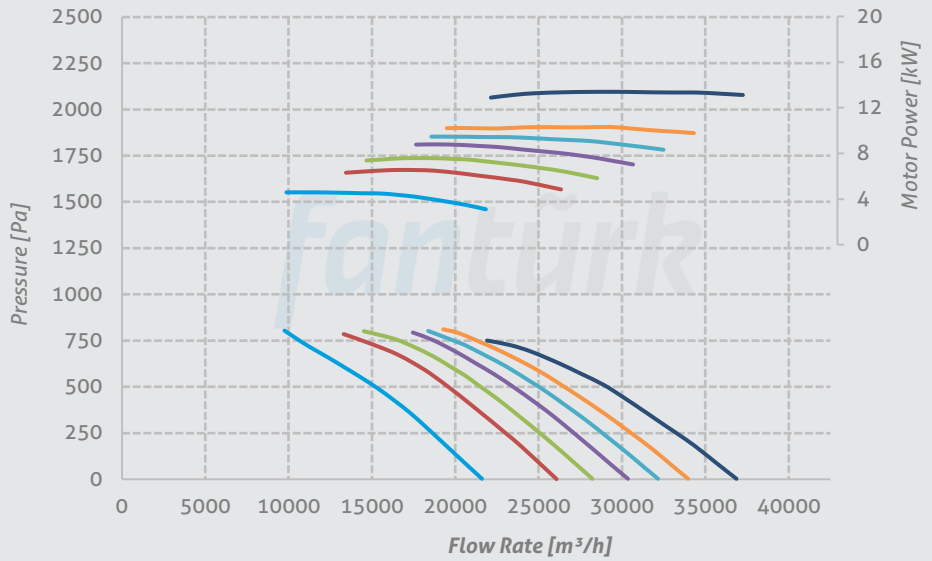


Performance Curves

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

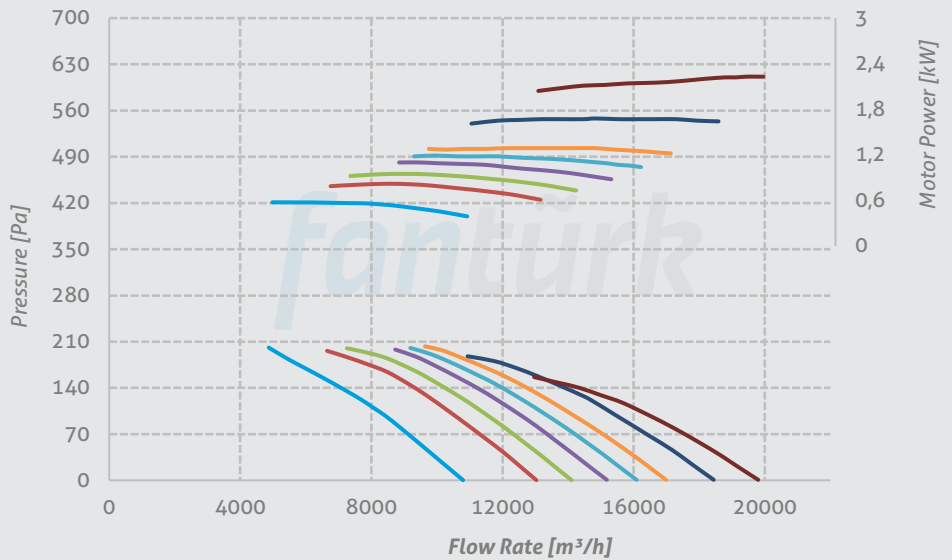
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45°



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

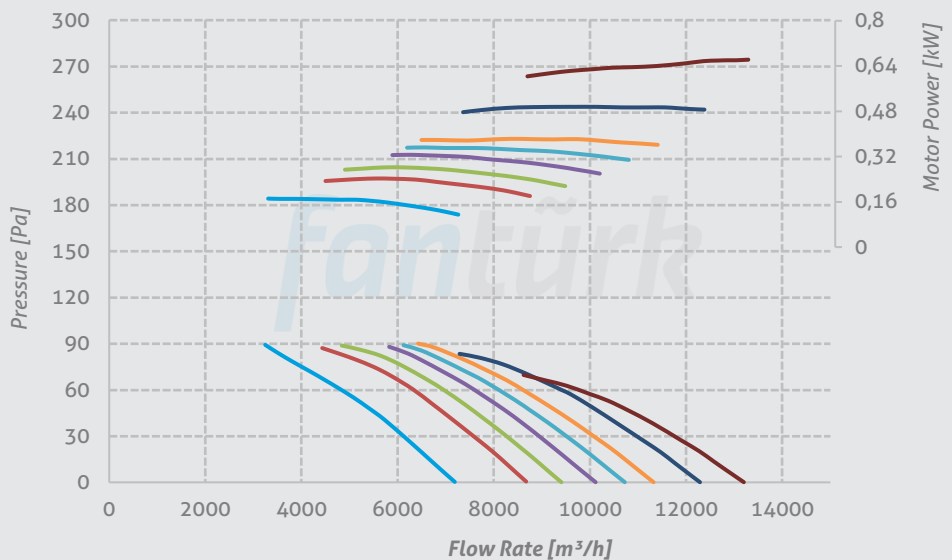
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

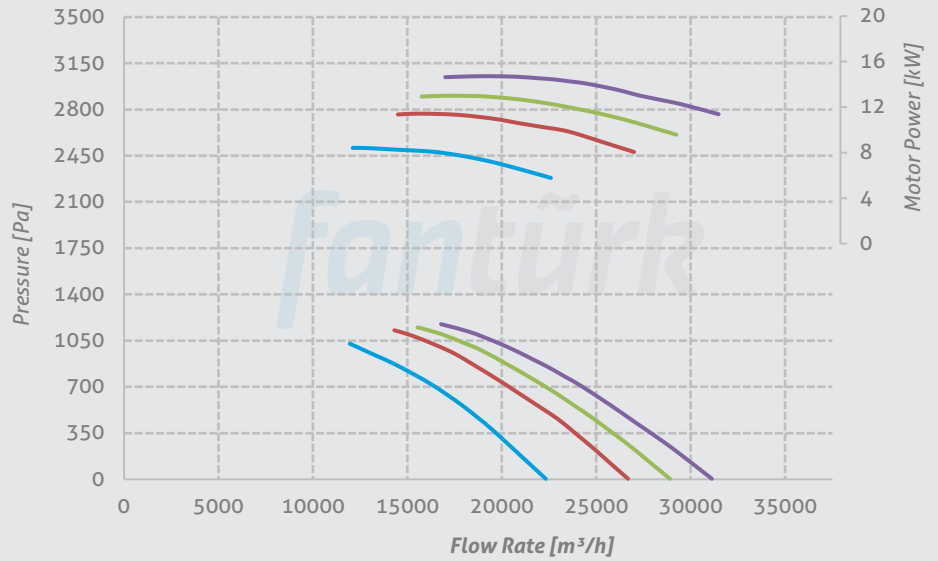


Performance Curves

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

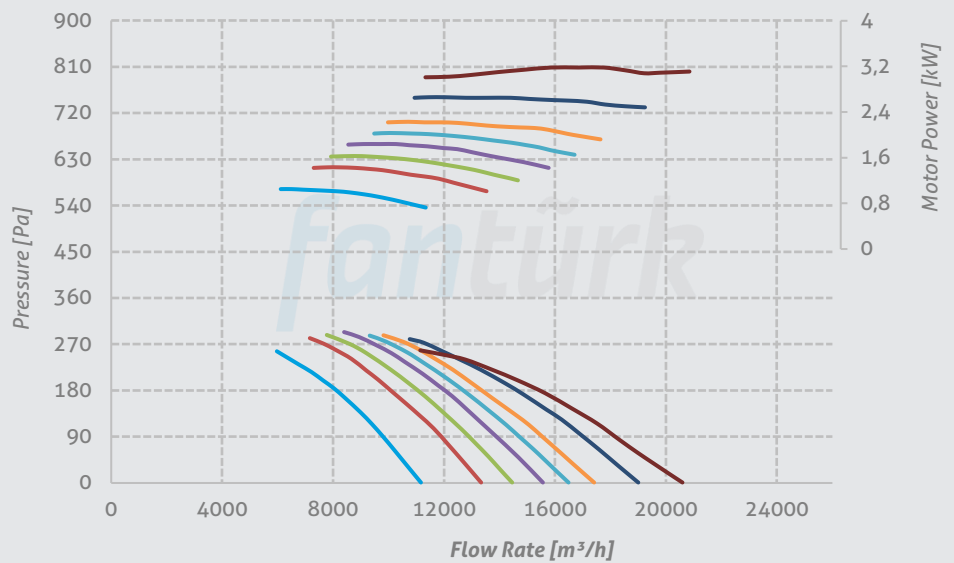
— 25° — 30°
 — 32,5° — 35°



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

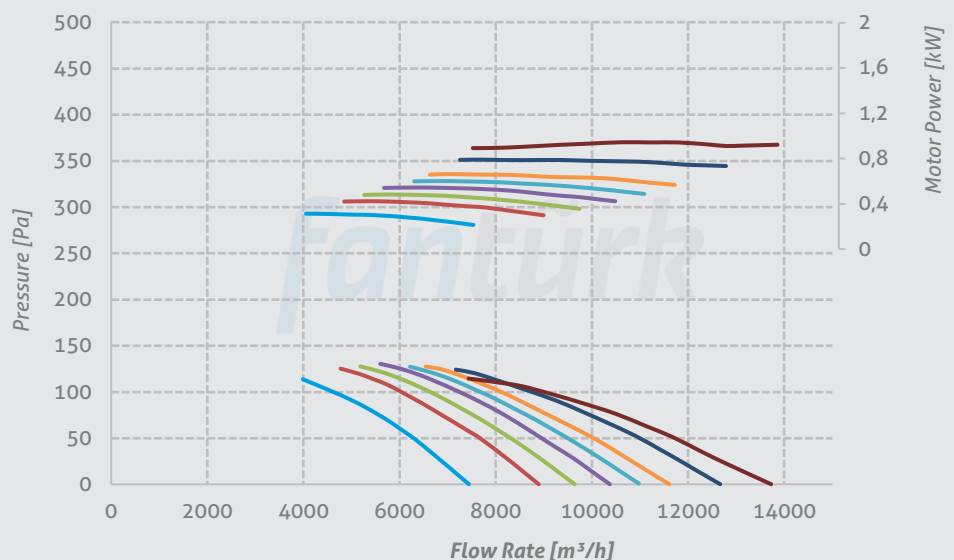
— 25° — 30° — 32,5°
 — 35° — 37,5° — 40°
 — 45° — 50°



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°

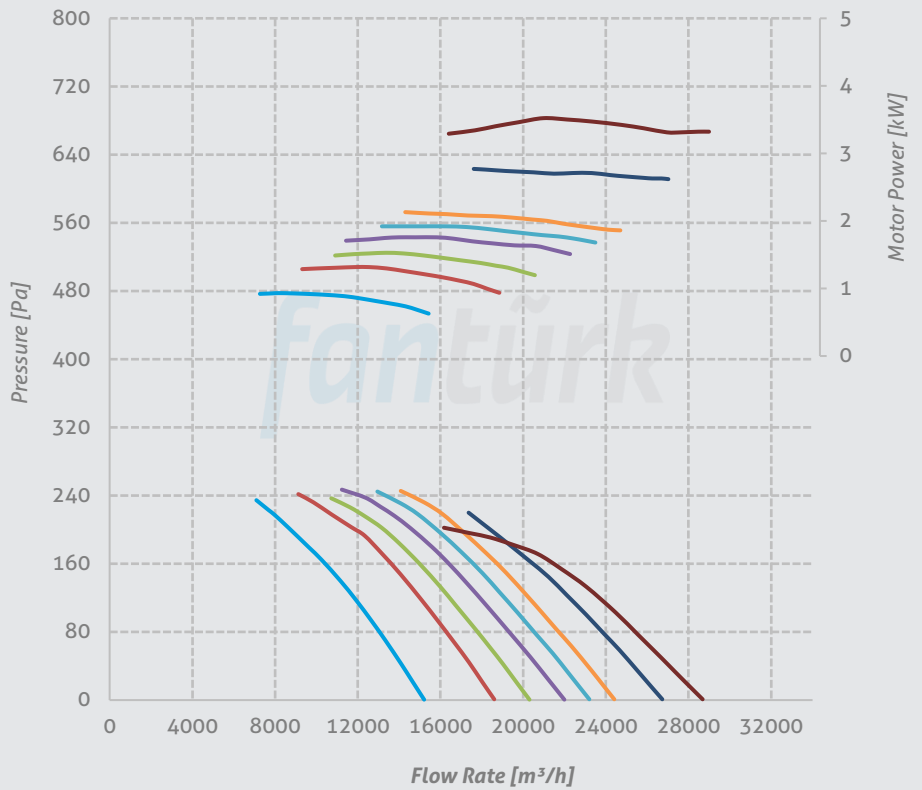


Performance Curves

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

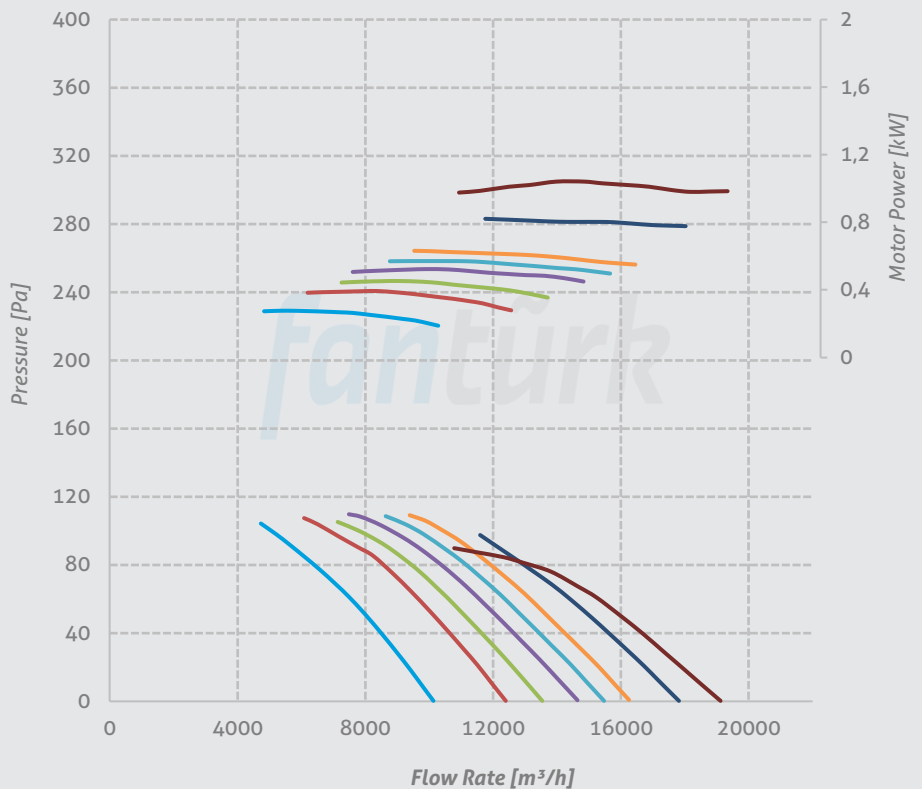
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

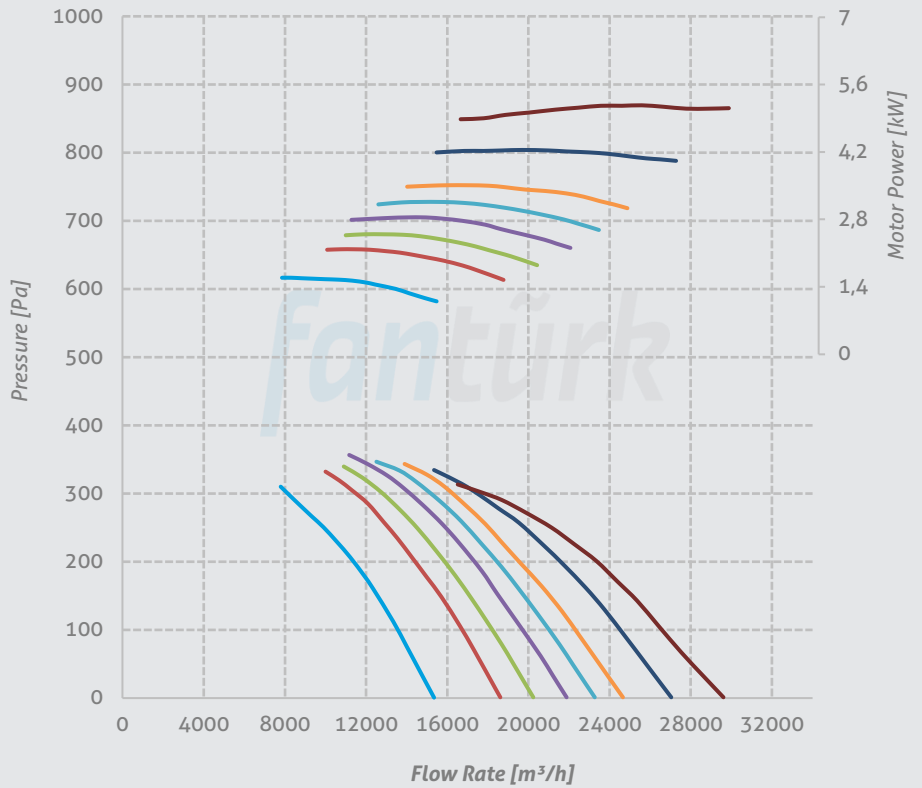


Performance Curves

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

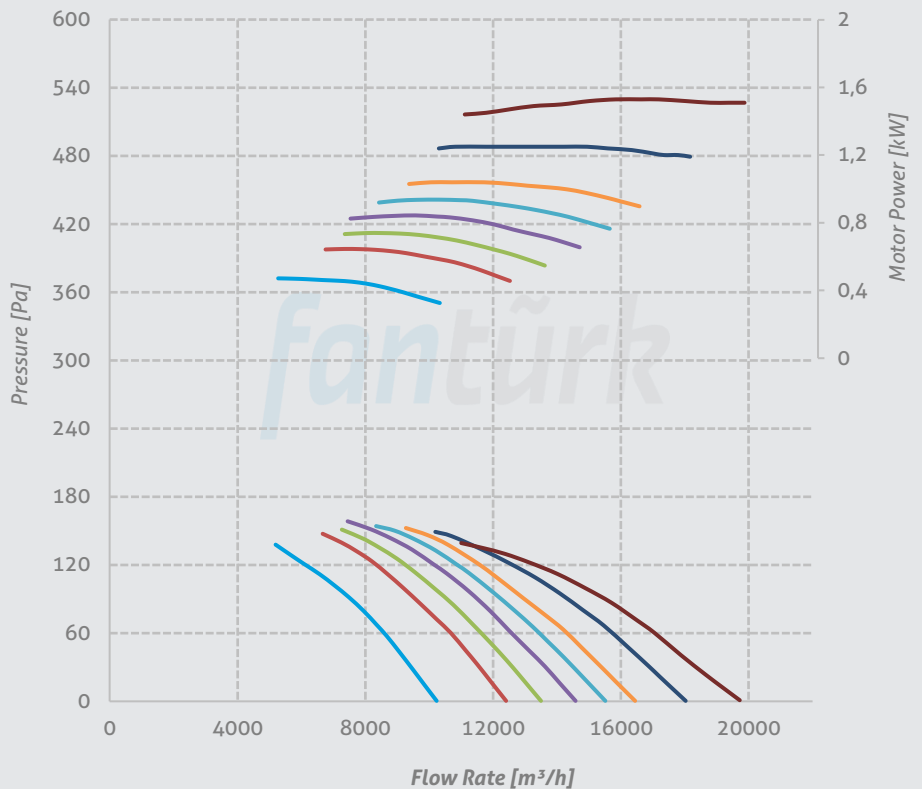
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

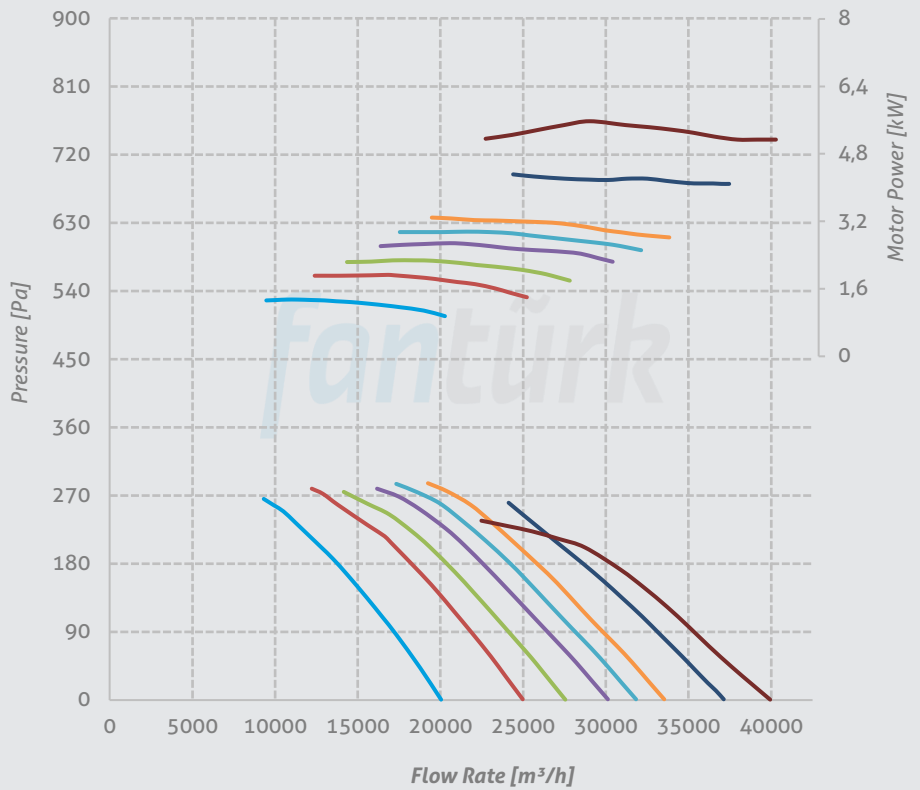


Performance Curves

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

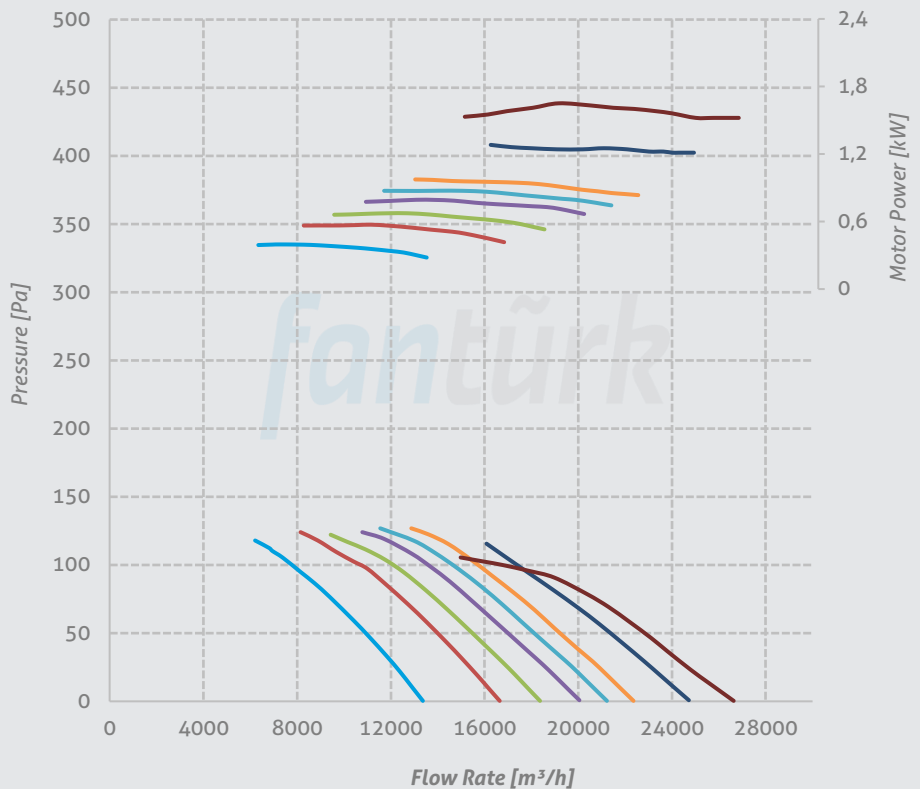
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

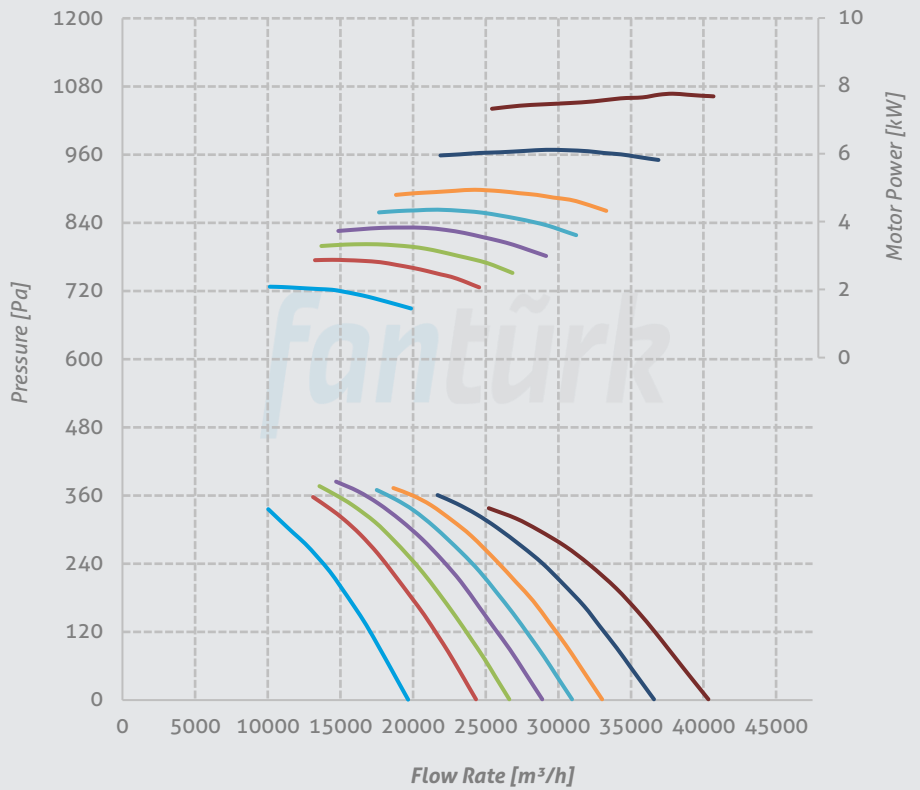


Performance Curves

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

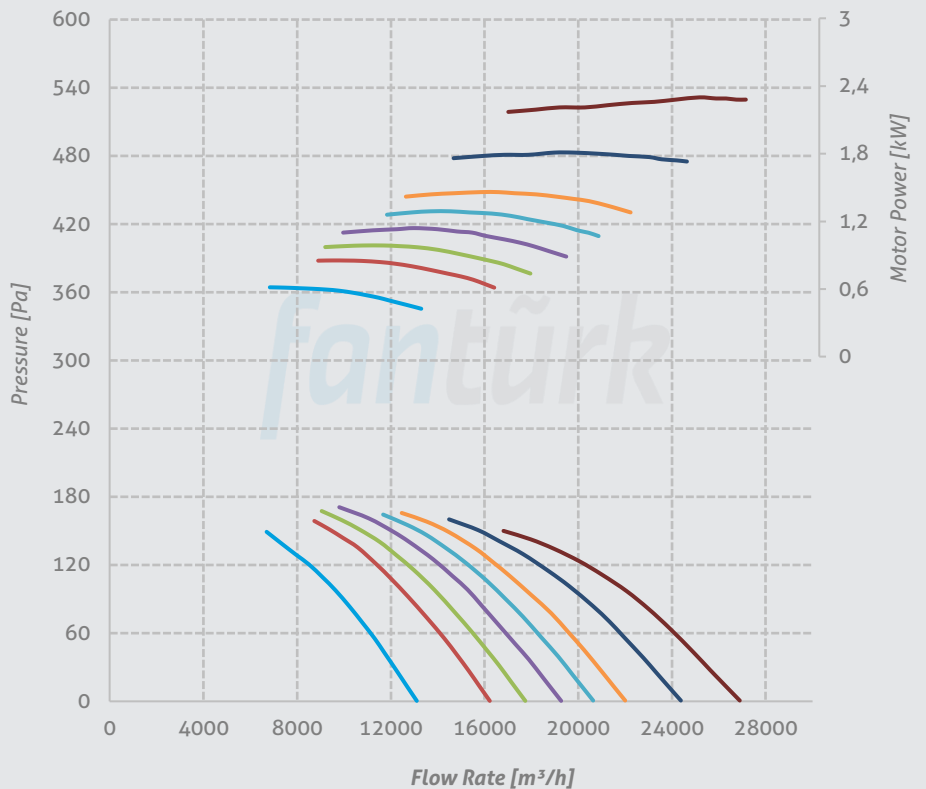
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

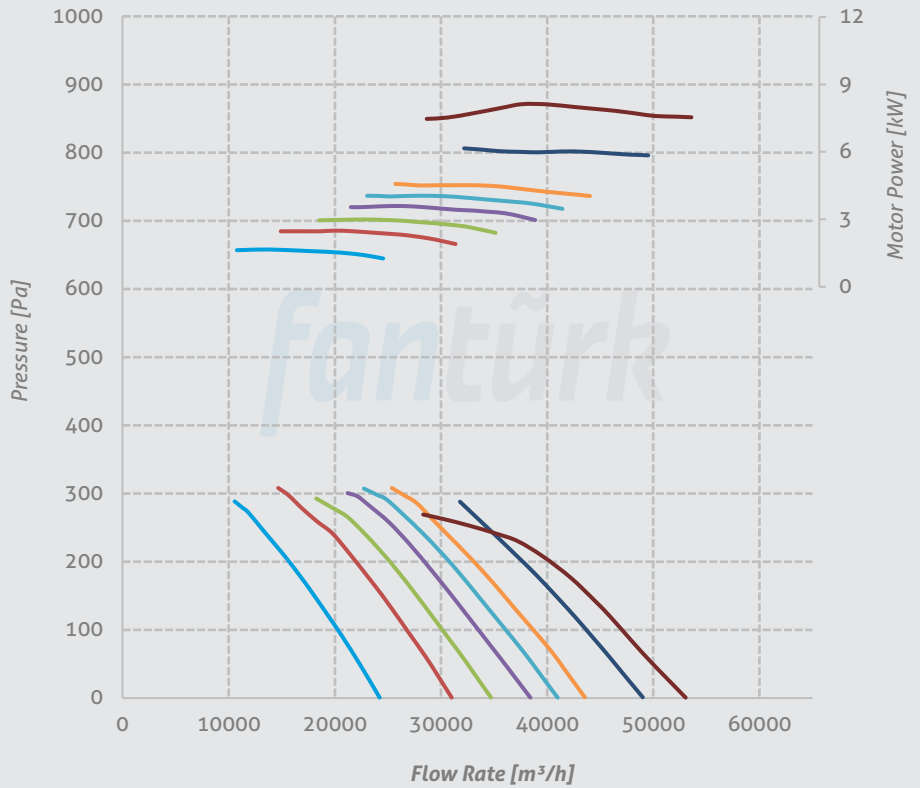


Performance Curves

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

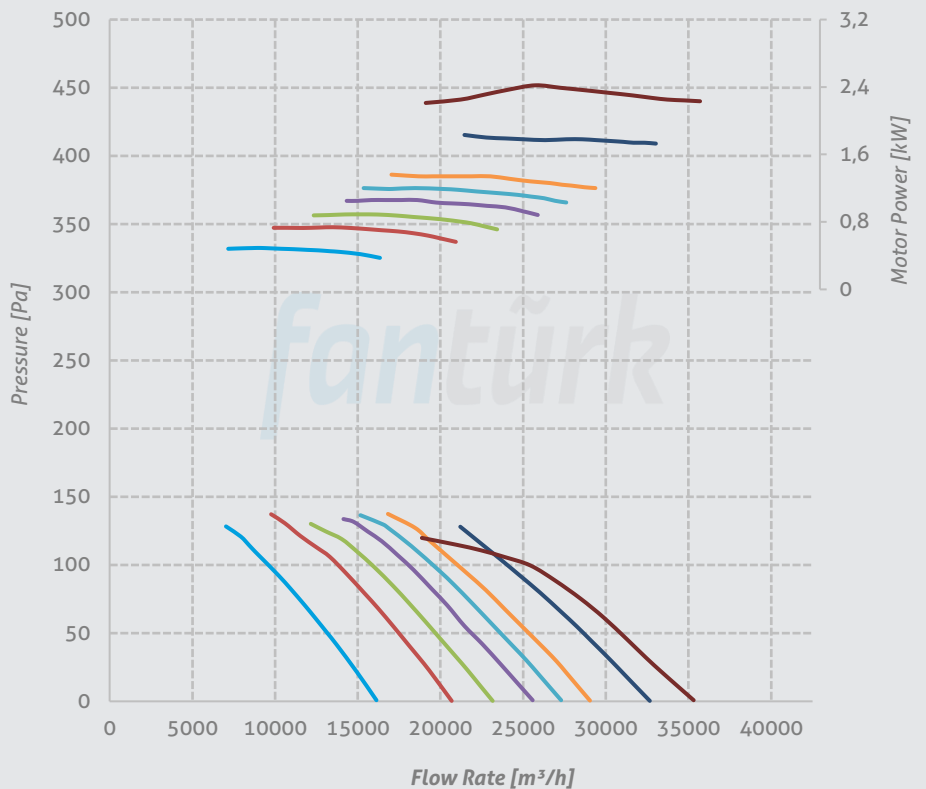
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

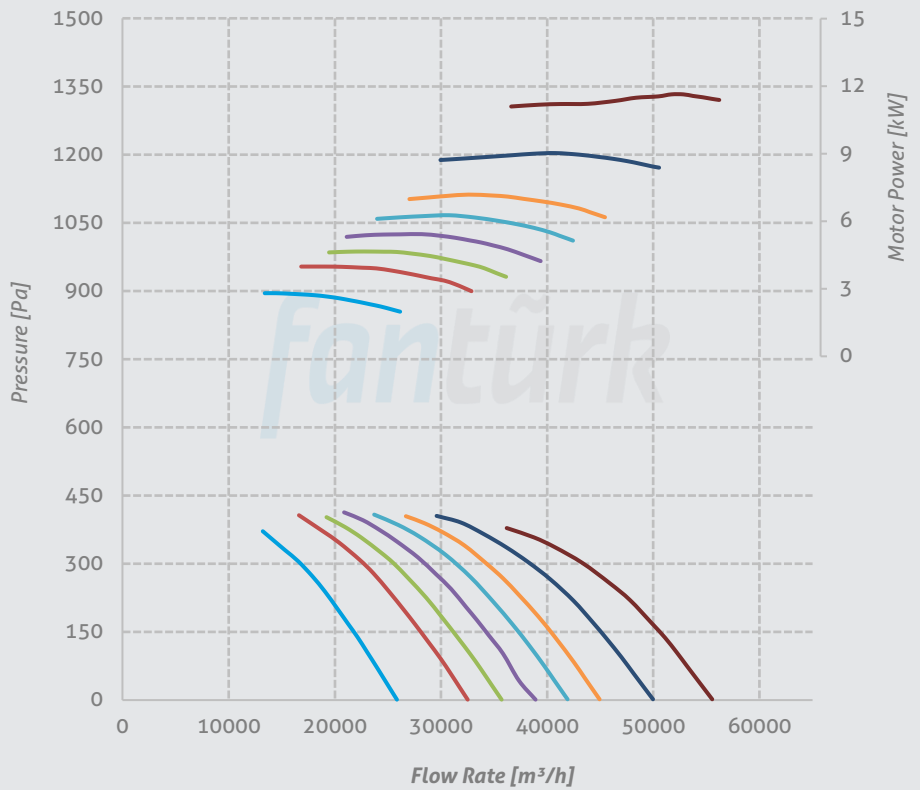


Performance Curves

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

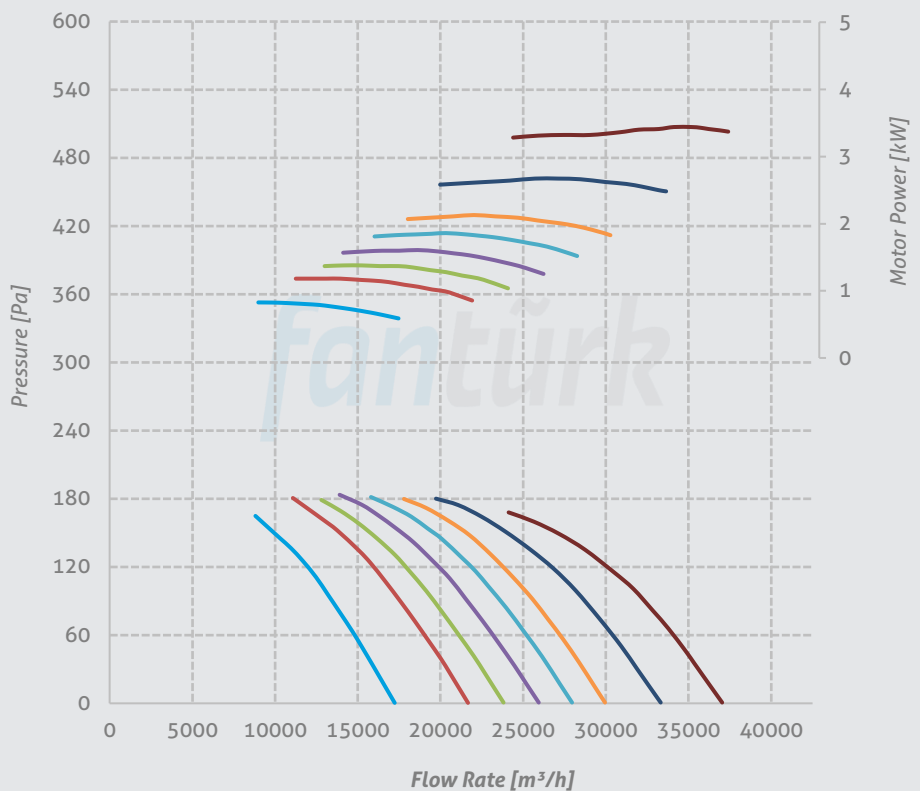
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

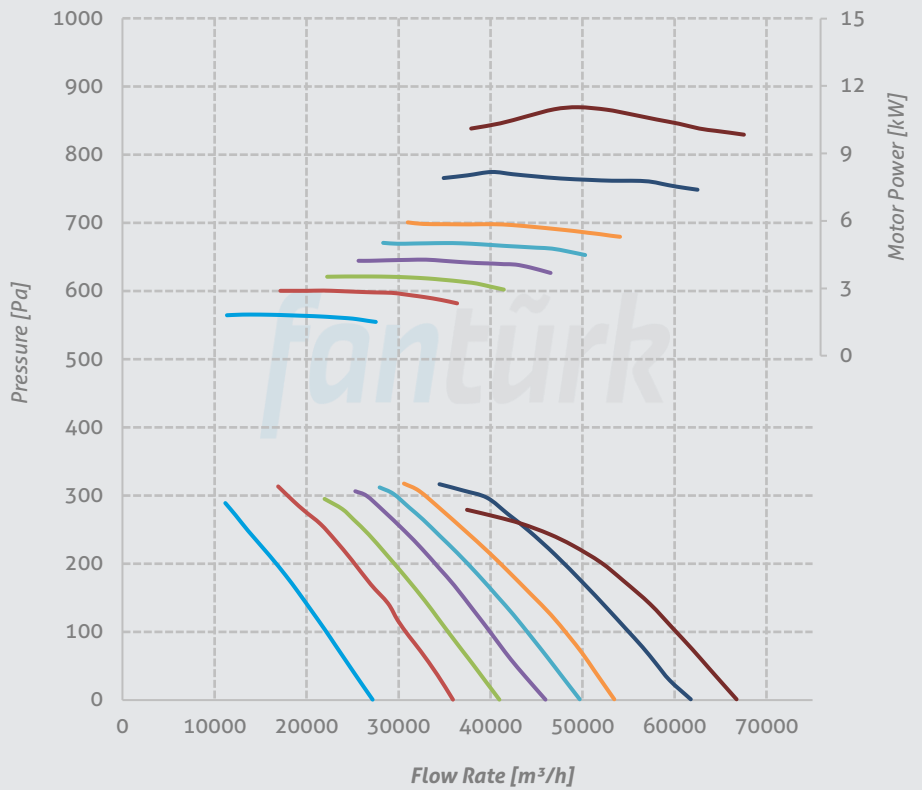


Performance Curves

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

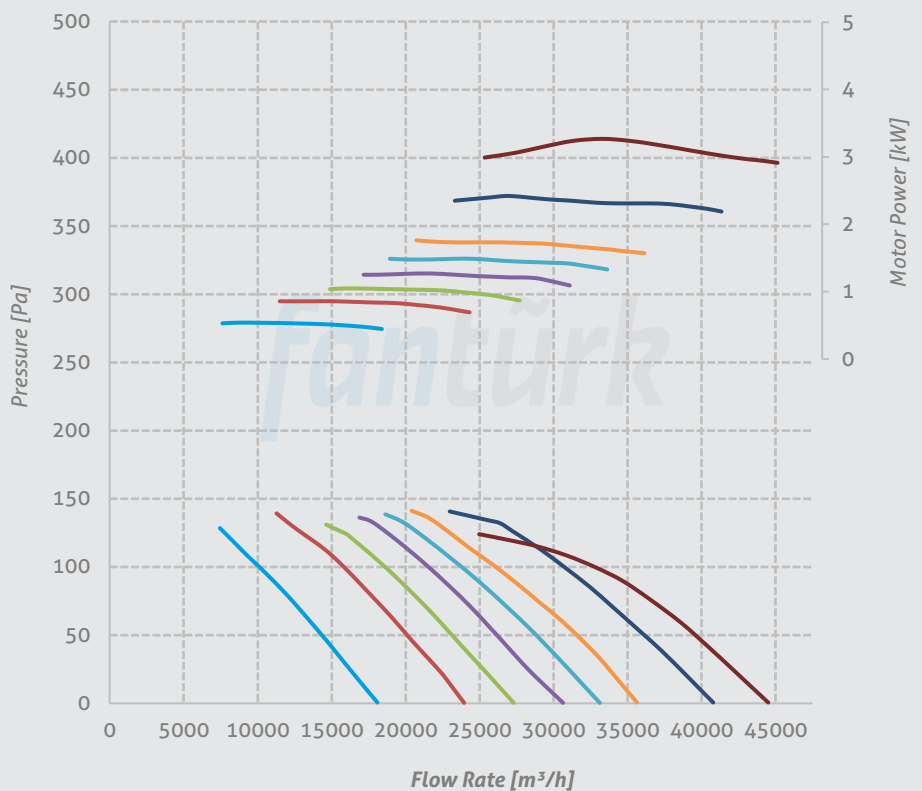
- 25° 30° 32,5°
- 35° 37,5° 40°
- 45° 50°



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°

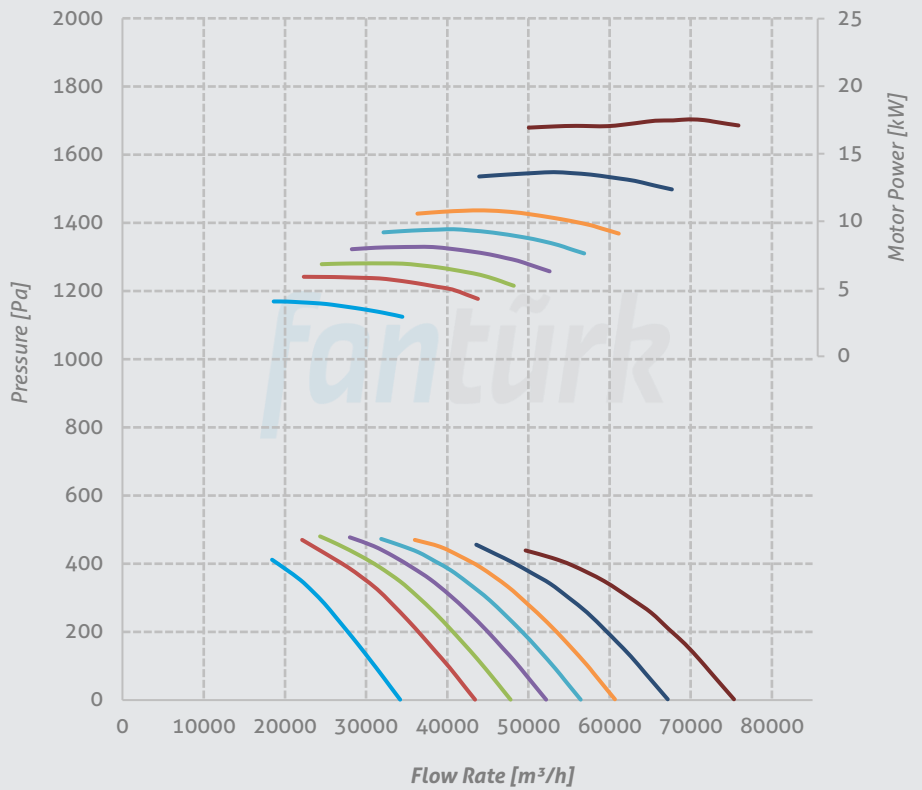


Performance Curves

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

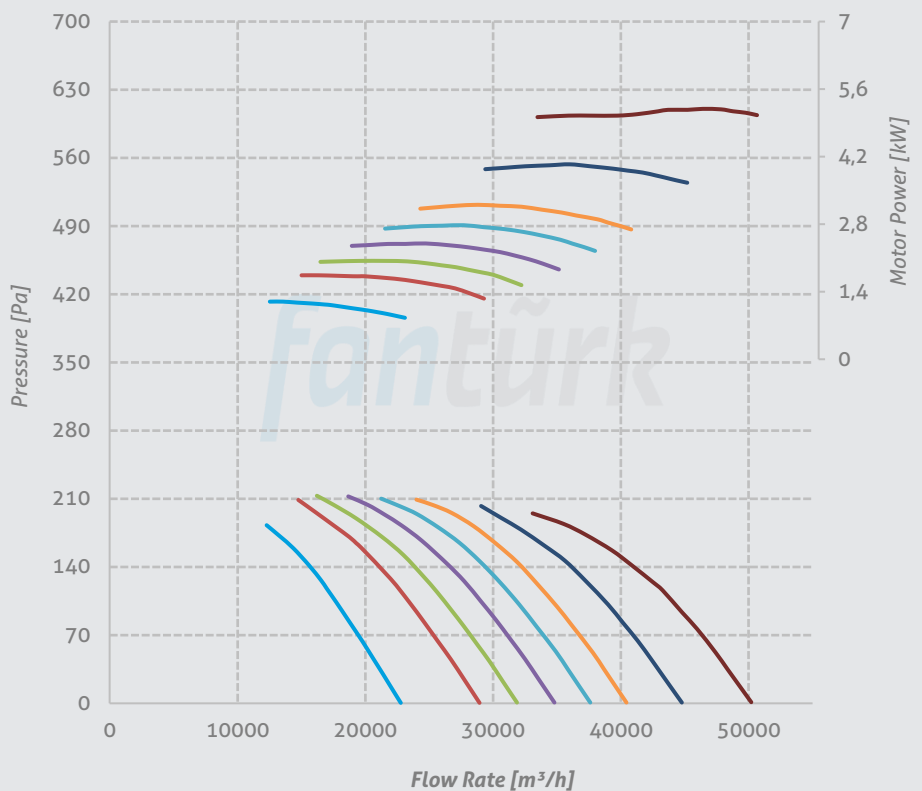
- 25° 30° 32,5°
- 35° 37,5° 40°
- 45° 50°



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°

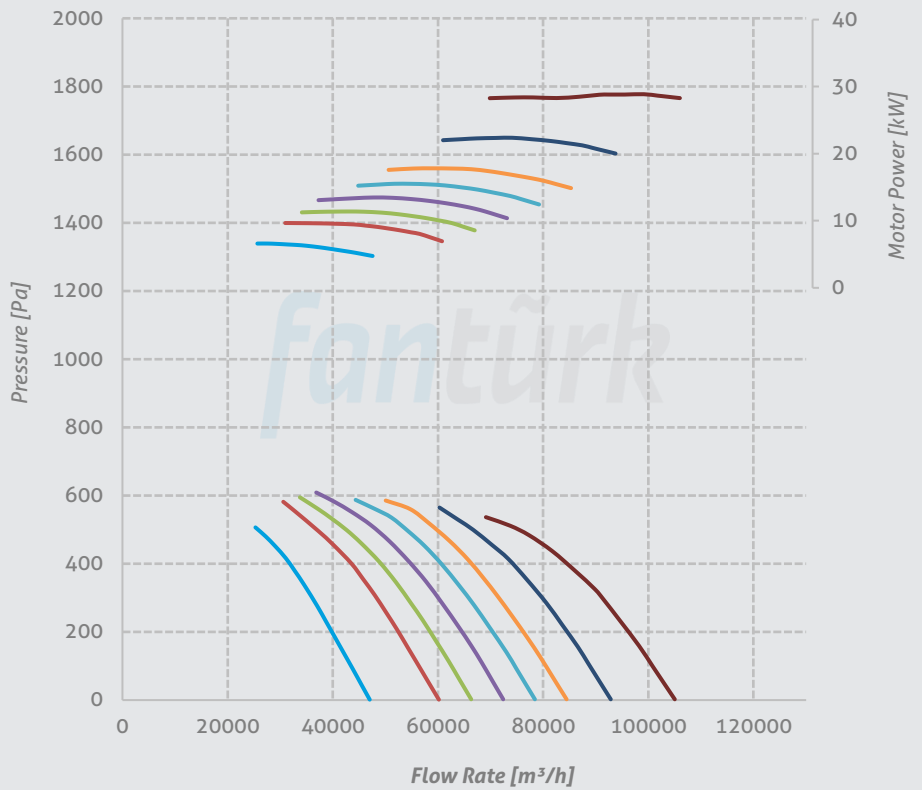


Performance Curves

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

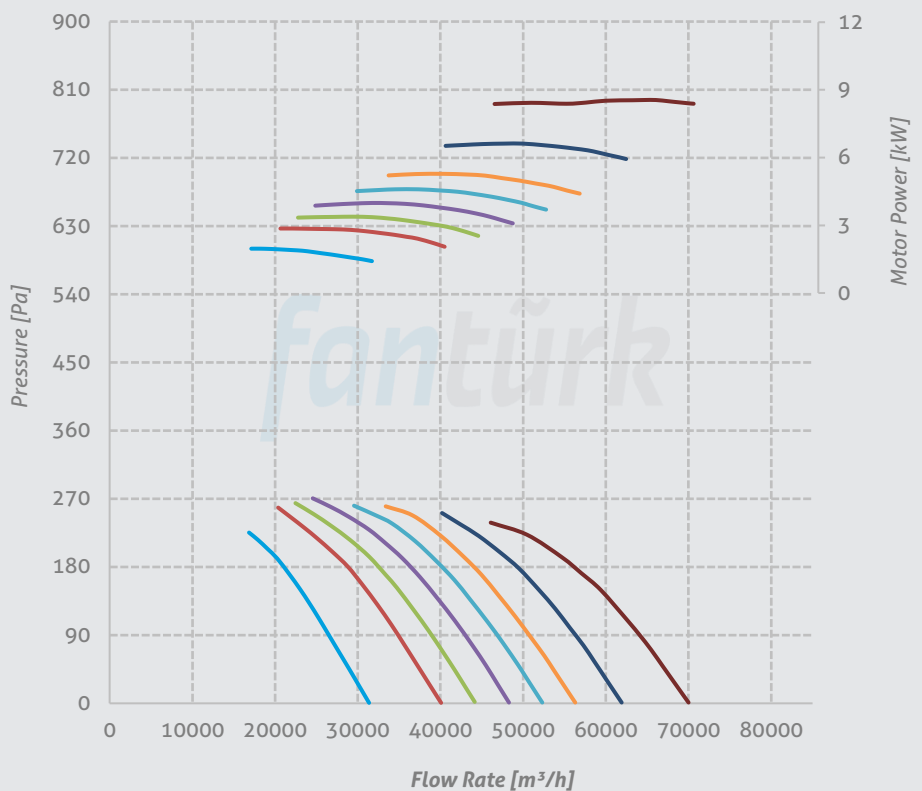
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

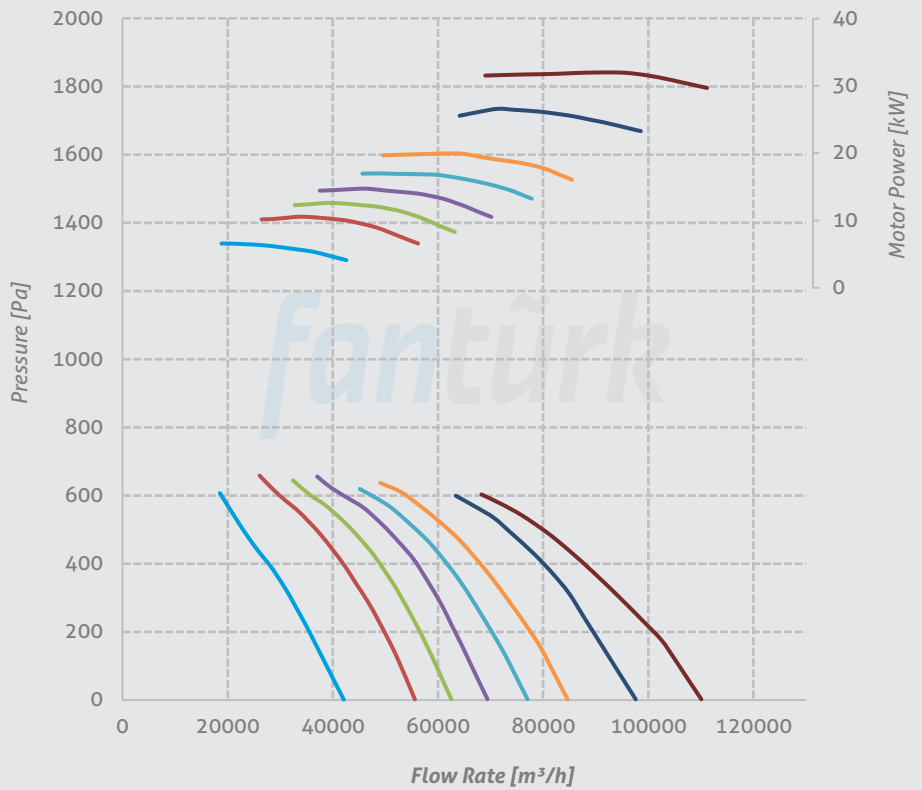


Performance Curves

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

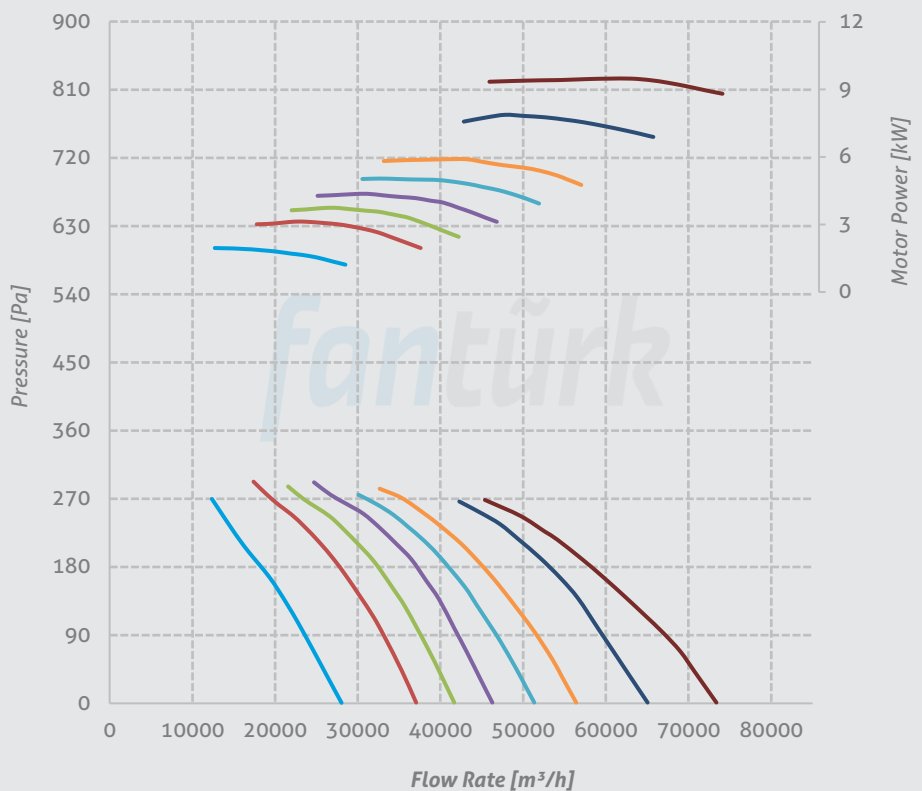
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

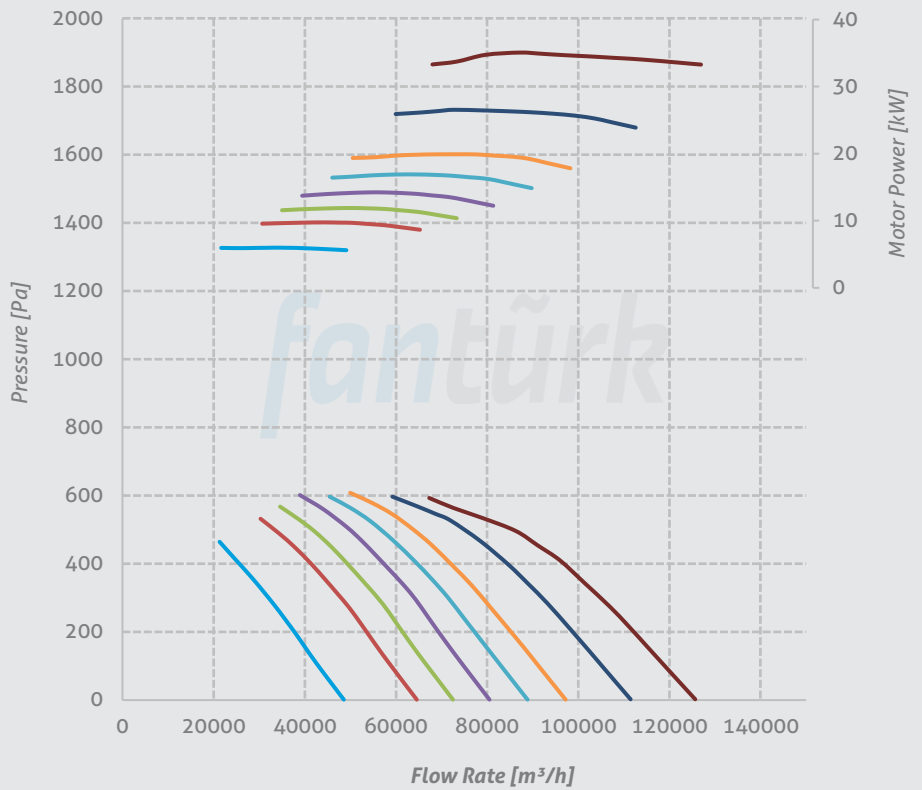


Performance Curves

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

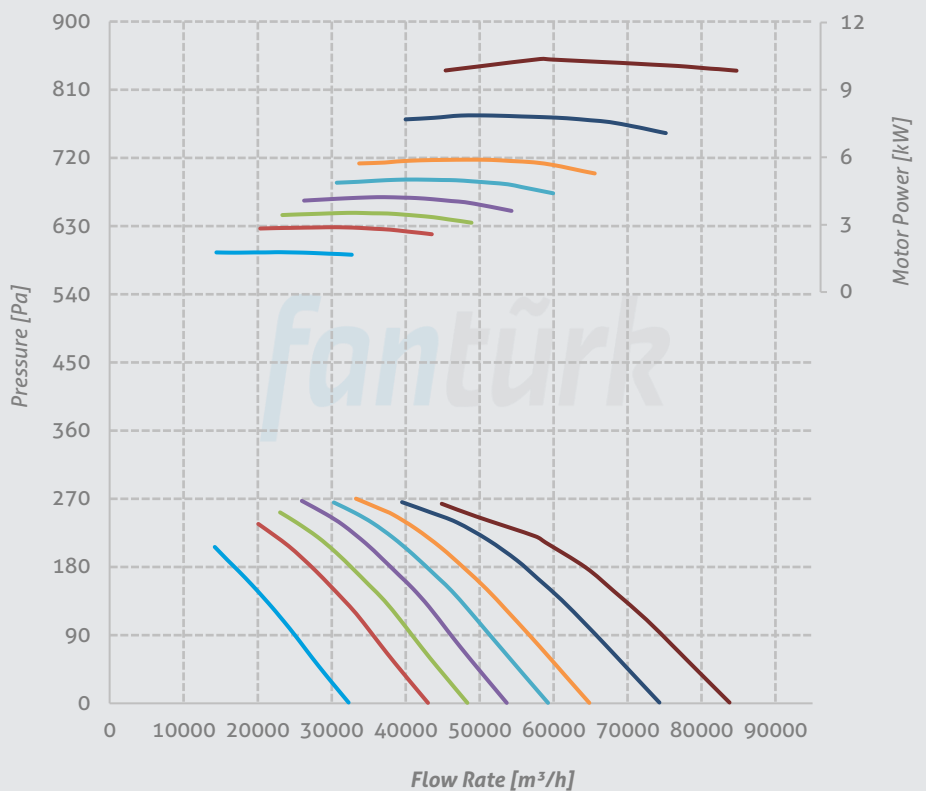
- 25° — 30° — 32,5°
- 35° — 37,5° — 40°
- 45° — 50°



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°

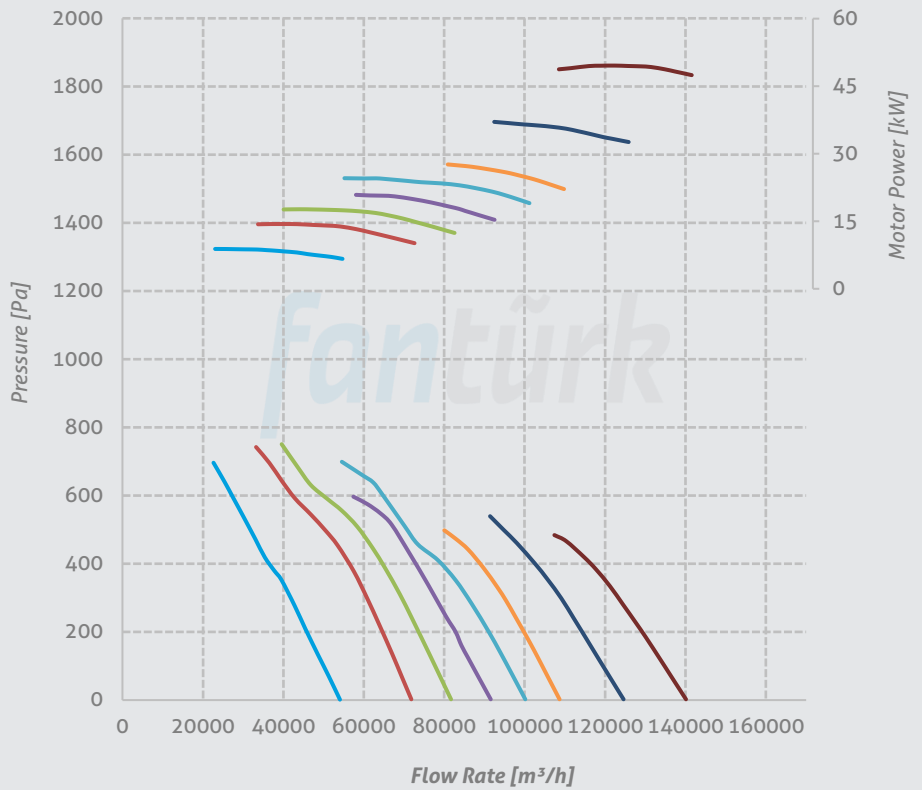


Performance Curves

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

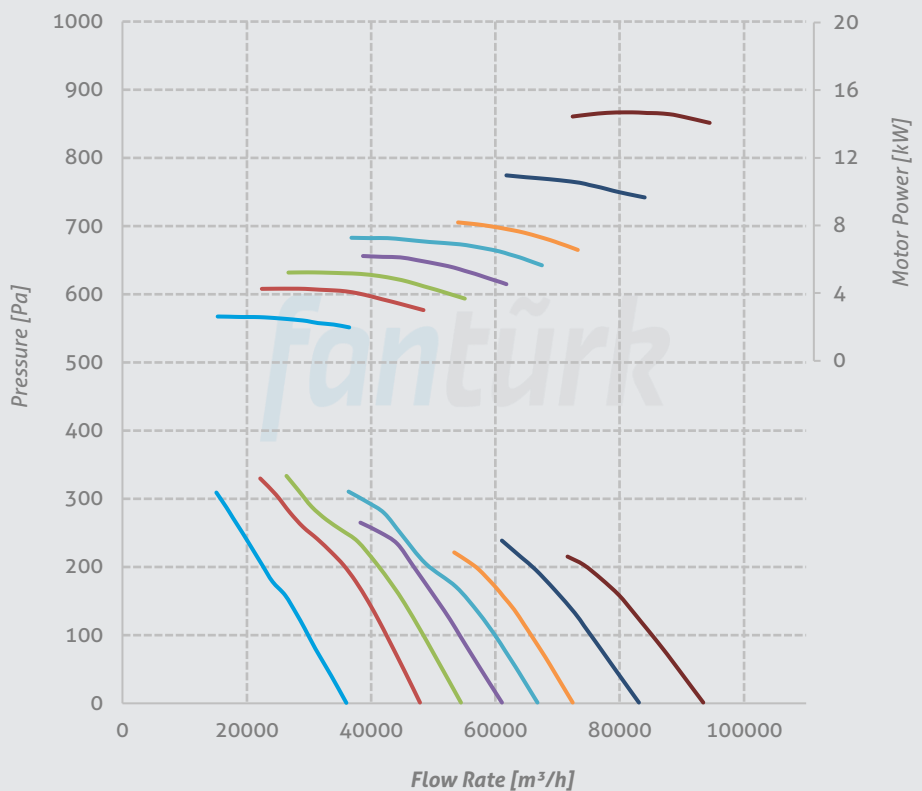
- 25° 30° 32,5°
- 35° 37,5° 40°
- 45° 50°



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°

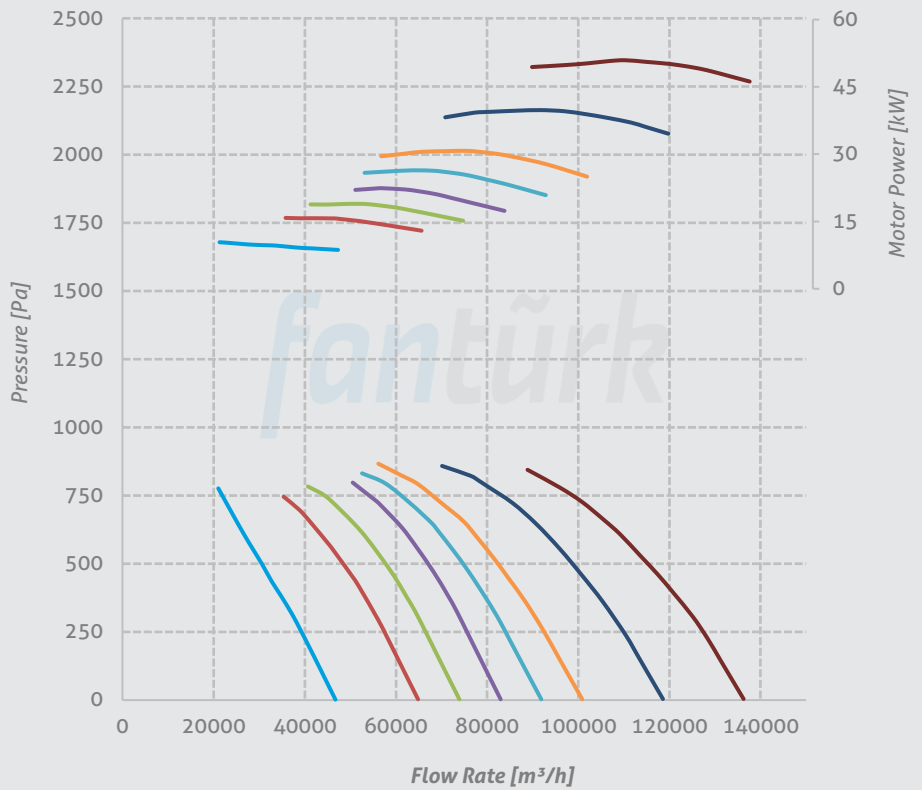


Performance Curves

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

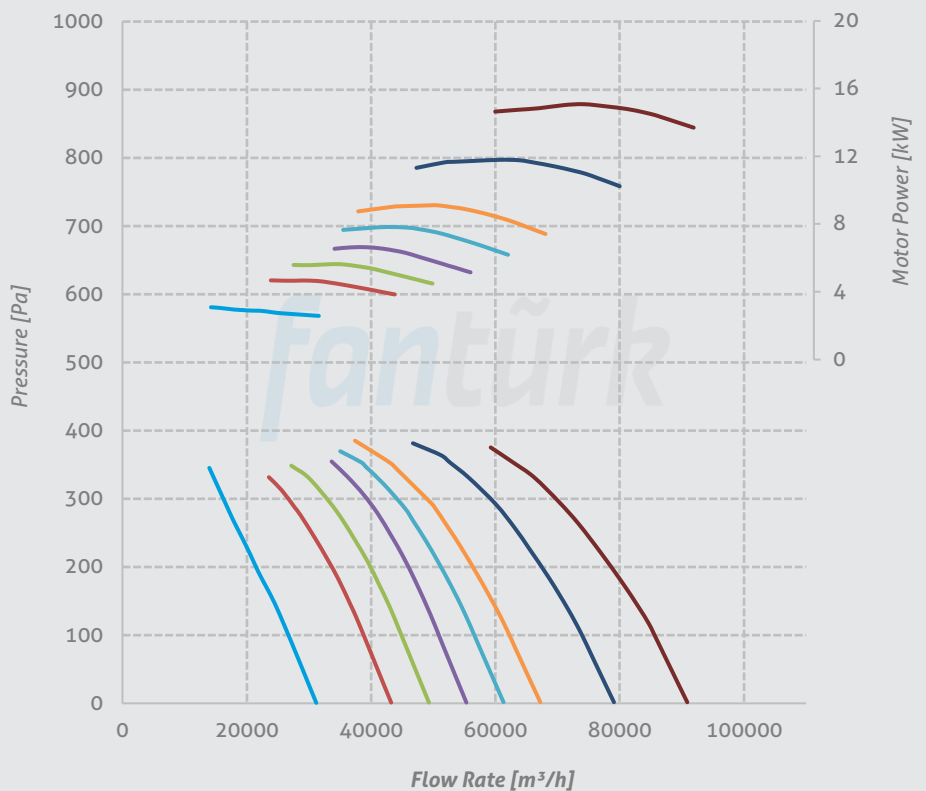
- 25° 30° 32,5°
- 35° 37,5° 40°
- 45° 50°



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°



Headquarter: Beşevler Mah. Yıldırım Cad. No336 Nilüfer/Bursa Türkiye

Factory: Pamucak OSB Mah. 2. Cadde No: 14 Pazaryeri/Bilecik Türkiye

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