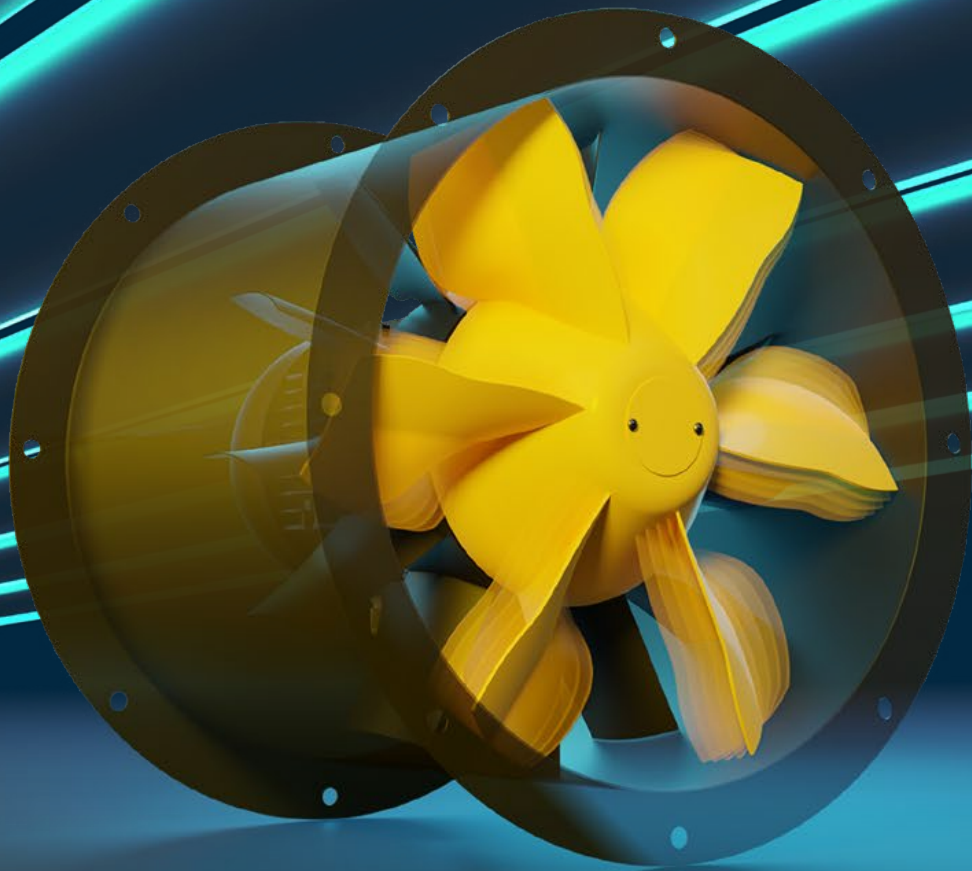


**ruck**



## **AXIALINE**

Maximum efficiency in every blade angle

# WE SEARCH FOR THE BEST SOLUTION FOR YOU

ruck Ventilatoren GmbH is a family-owned company specialising in the development, production and distribution of high quality and innovative standard and customised OEM products in the field of ventilation and technology. Our products and ideas are transformed into efficient and cost-saving solutions.



## RUCK VENTILATOREN GMBH

Founded in a garage in 1992, the company has built up a strong international reputation with numerous innovations.

- Locations: Germany, Romania, United Kingdom, United States
- Employees: 400
- 25 employees in development and engineering
- Production area: 42.500 sqm
- Deep level of production: plastic injection molding, sheet metal processing, powder coating
- Delivery reliability due to large stock of components

# THE RIGHT SOLUTION FOR EVERY APPLICATION

## Innovative, efficient solutions

We use state-of-the-art development tools to optimize our products down to the smallest detail: efficiency and innovation are matters close to our hearts. A deep level of production guarantees fast implementation and high delivery reliability.



## Pinpoint advice

With our MATCH-Point, you can find the best fan for your system in just a few minutes. All the important information for your decision, in particular the operation point data as well as the investment and operating costs, can be found here in unprecedented clarity.

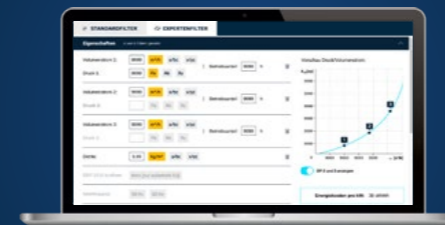
## Know-how transfer

A fan must be appropriately selected, properly installed and intelligently operated to achieve its full savings potential. We are happy to share our knowledge with you to help you achieve the best possible results.

# MATCH MAKES IT EFFICIENT

## INNOVATIVE TECHNOLOGY USED INTELLIGENTLY

Our MATCH principle takes into account all relevant components for the optimal use of a fan or air handling unit. When these are fulfilled – i.e. “matched” – it will operate with the best possible results.



## MATCH-POINT

The ultimate design tool with lots of new information for easy and cost-saving fan and air handling units selection.

## MOTOR

### Drives matched to requirements

The efficiency and cost of a fan depend to a large extent on the motor. It should meet the specific requirements in the best possible way. For this purpose, we offer a wide selection and mostly from stock.

## AERODYNAMICS

### Air flows optimized with attention to detail

Aerodynamically good fans and air handling units are characterized by the optimum interaction of all components. In extensive CFD simulations, we optimize our components down to the smallest detail to maximize the efficiency of our products.

## TOOL

### Good choice, good effect

A highly efficient technology only brings the desired values if it is used correctly. Our MATCH-Point helps you to find the optimal fan or air handling unit for your system.

## CONTROL

### Saving energy: A question of attitude

Fans are often designed for maximum demand, but this is only present for a few hours a year. The energy demand of a fan increases disproportionately in relation to the volume flow. Control based on actual demand offers the greatest potential for savings.

## HANDLING

### Right setting, full potential development

As a component of ventilation systems, inexpensive, professional installation leads to efficient operation with low pressure losses. With our products, we place great value on the most flexible and simple installation possible, as well as on problem-free maintenance.

## MAXIMUM EFFICIENCY IN EVERY ANGLE

ruck **AXIALINE** medium-pressure fans with different blades angles are **the new benchmark** for highest efficiency, energy and cost saving potential.

The entire range offers additionally the following advantages:

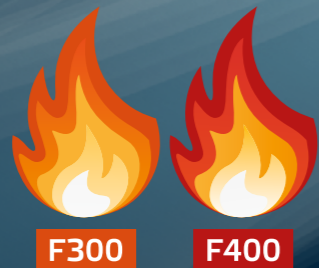
- Energy savings of up to 15%
- System specific operating point selection
- Modular construction kit for shortest delivery times
- Optimized design and weight reduction facilitate installation

Impeller and guide vanes with 3D-optimized blades

Cone hub for optimum flow through the impeller blades

Guide vanes with aerodynamic function contribute to housing stiffening and increased efficiency

Powder-coated steel housing



## OPTIMAL FOR EVERY APPLICATION

The **AXIALINE** range is successfully used for ventilation, air conditioning or cooling purposes in industrial plants, commercial buildings or as central extract air in residential buildings or parking garages.

The smoke extract certifications F300 and F400 in accordance with DIN EN 12101-3 allow further possible applications in smoke extraction systems.

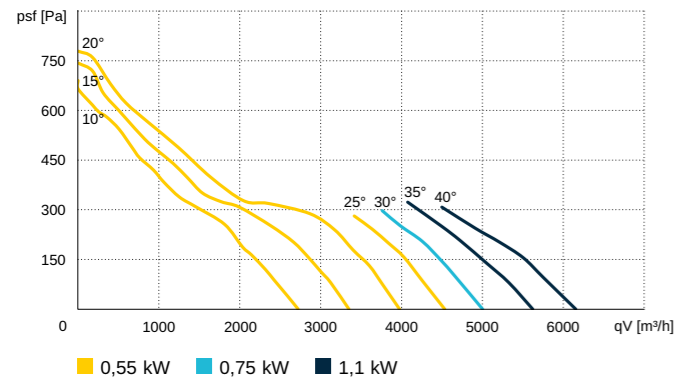
### SUITABLE FOR YOUR NEEDS

<b>Sizes</b>	Ø 315 to Ø 1250
<b>Versions</b>	60 °C, F300, F400
<b>Motors</b>	2p, 4p, 6p, 4/2p, 8/4p, single-speed in IE3, EC motors
<b>Motor protection class</b>	IP 55
<b>Motor power</b>	0,55 kW to 30 kW
<b>Insulation class</b>	standard fans: <b>F</b> smoke extract fans: <b>H</b>
<b>Volume flow</b>	up to 109.000 m <sup>3</sup> /h

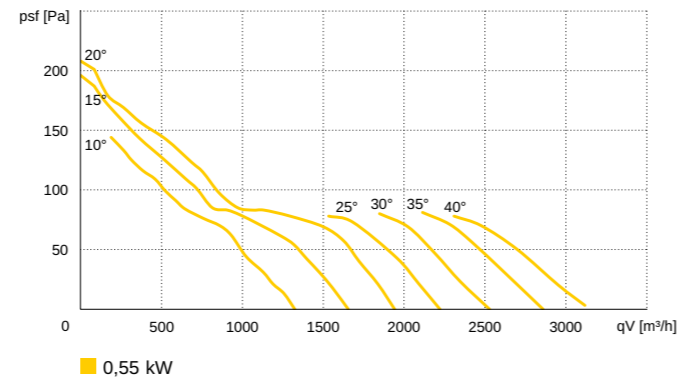
# AL WITH DIFFERENT BLADE ANGLES 50 Hz

The characteristic curves apply at an air density of 1.204 kg / m<sup>3</sup> and were measured on a TÜV certified fan test bench according to ISO 5801. Some products are AMCA certified.

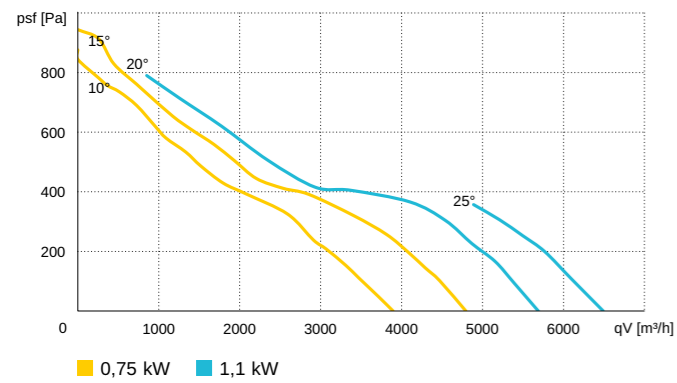
**AL 315 D2 / 50 Hz**



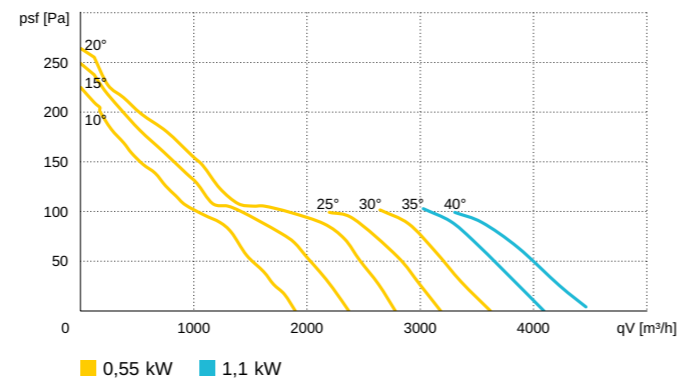
**AL 315 D4 / 50 Hz**



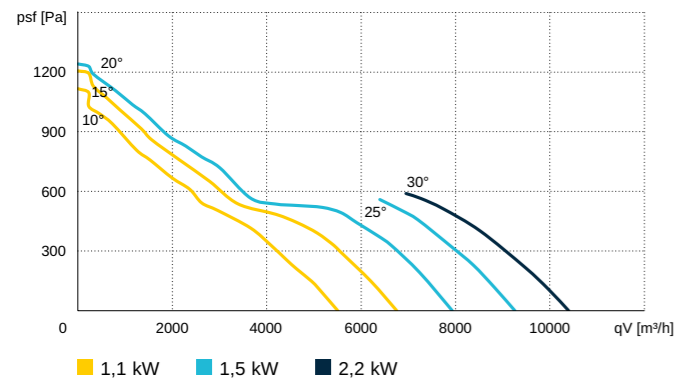
**AL 355 D2 / 50 Hz**



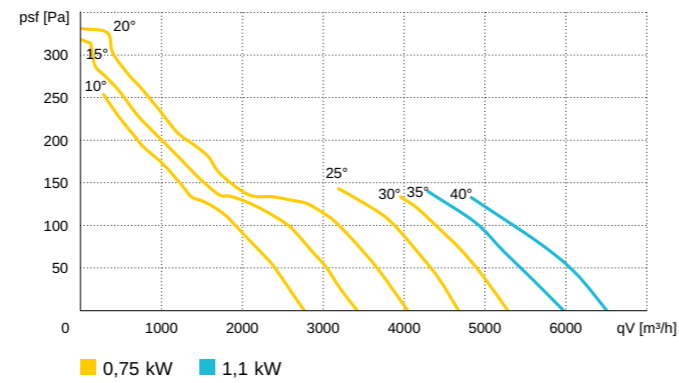
**AL 355 D4 / 50 Hz**



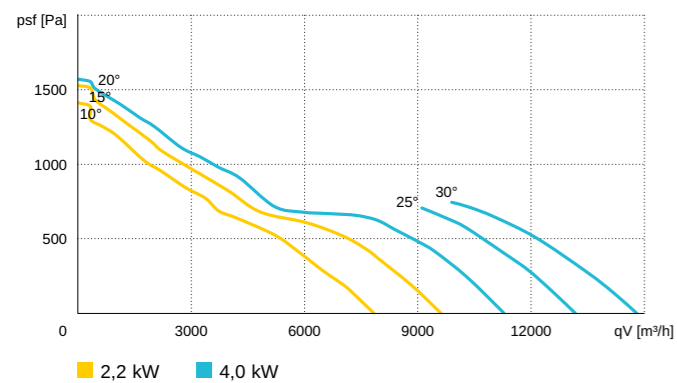
**AL 400 D2 / 50 Hz**



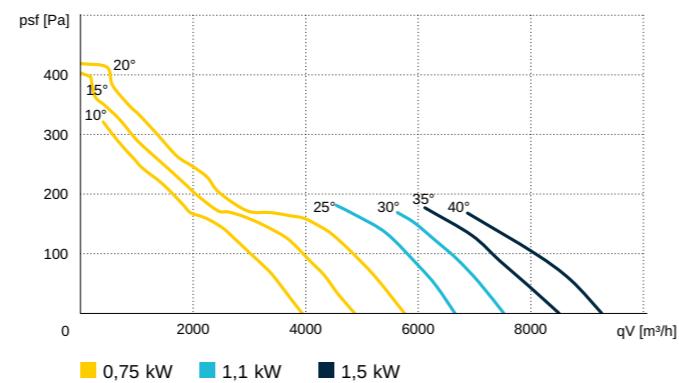
**AL 400 D4 / 50 Hz**



**AL 450 D2 / 50 Hz**



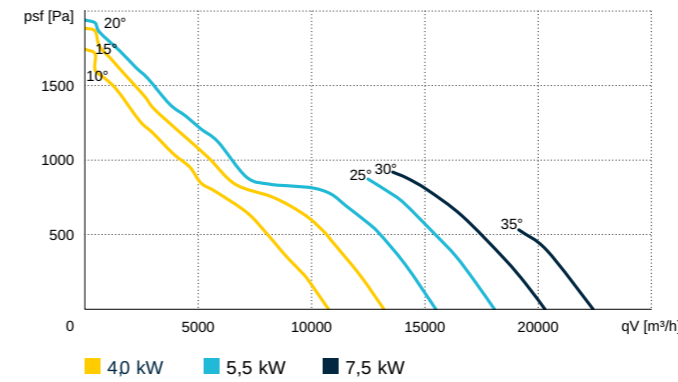
**AL 450 D4 / 50 Hz**



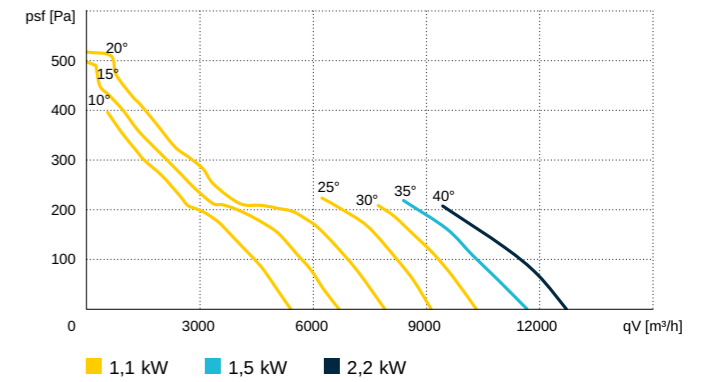
# AL WITH DIFFERENT BLADE ANGLES 50 Hz

The characteristic curves apply at an air density of 1.204 kg / m<sup>3</sup> and were measured on a TÜV certified fan test bench according to ISO 5801. Some products are AMCA certified.

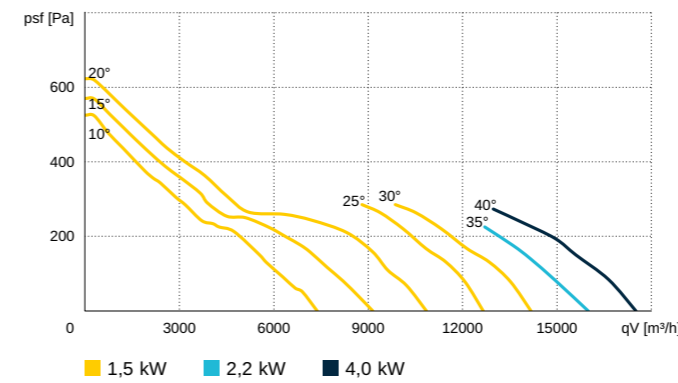
**AL 500 D2 / 50 Hz**



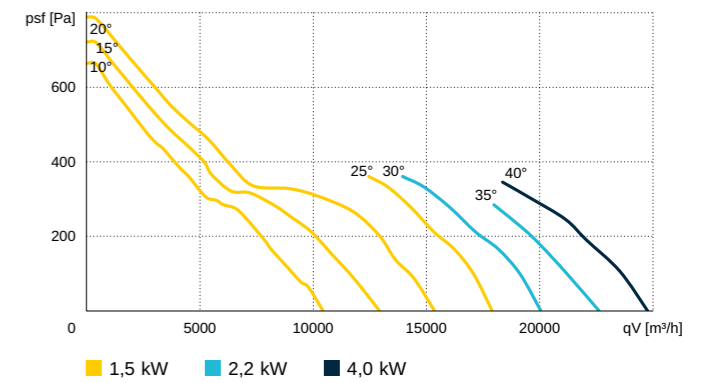
**AL 500 D4 / 50 Hz**



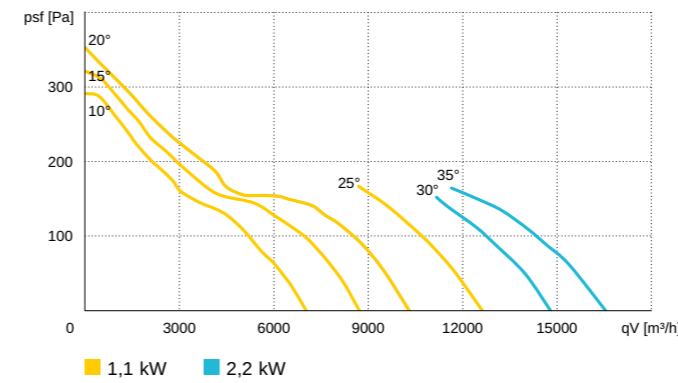
**AL 560 D4 / 50 Hz**



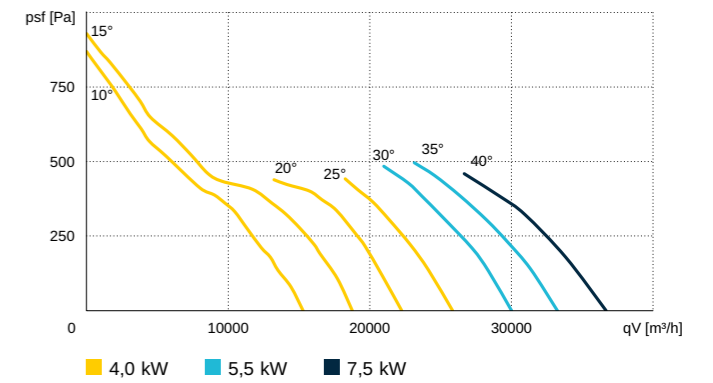
**AL 630 D4 / 50 Hz**



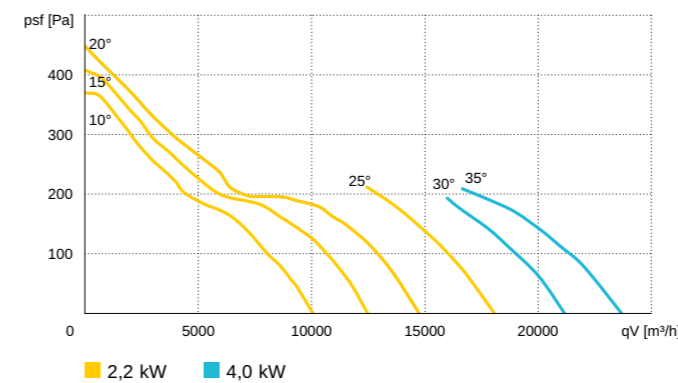
**AL 630 D6 / 50 Hz**



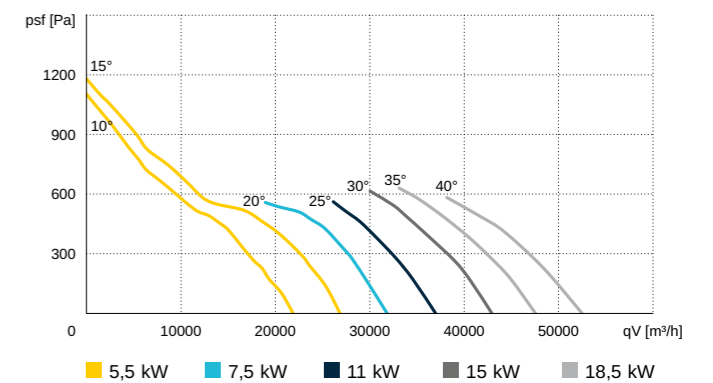
**AL 710 D4 / 50 Hz**



**AL 710 D6 / 50 Hz**



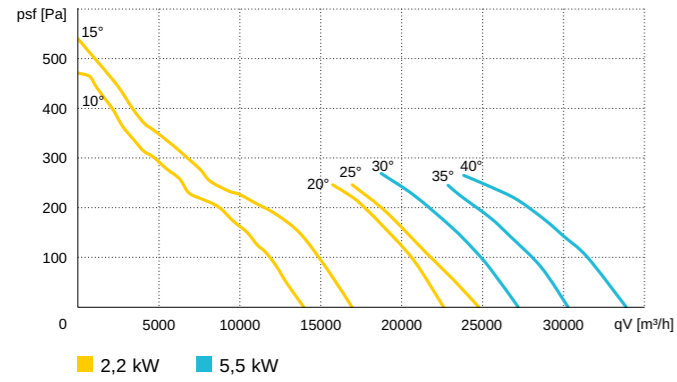
**AL 800 D4 / 50 Hz**



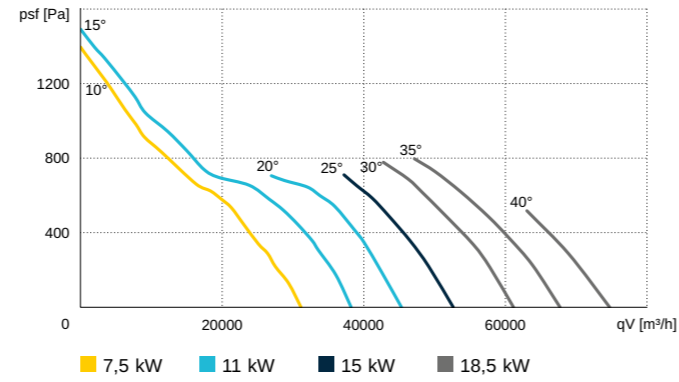
# AL WITH DIFFERENT BLADE ANGLES 50 Hz

The characteristic curves apply at an air density of 1.204 kg / m<sup>3</sup> and were measured on a TÜV certified fan test bench according to ISO 5801. Some products are AMCA certified.

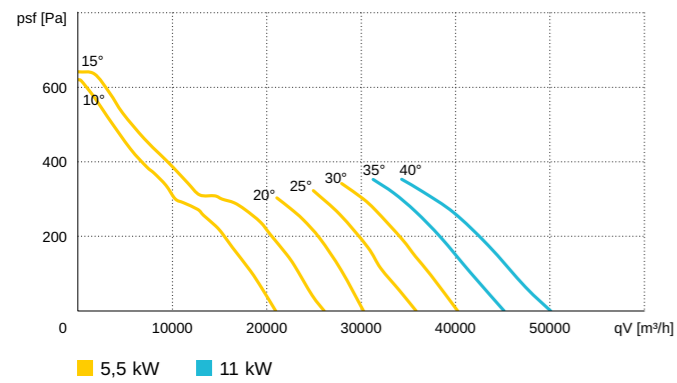
**AL 800 D6 / 50 Hz**



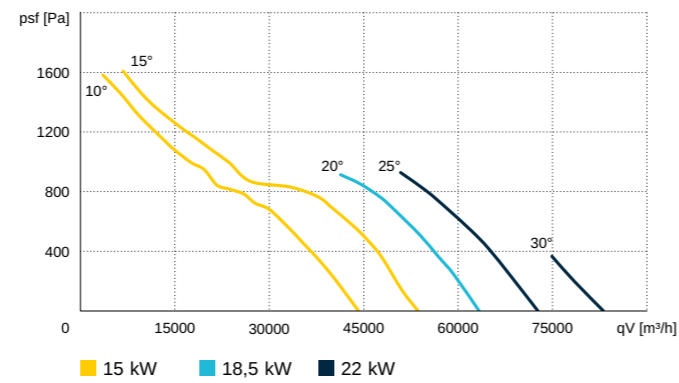
**AL 900 D4 / 50 Hz**



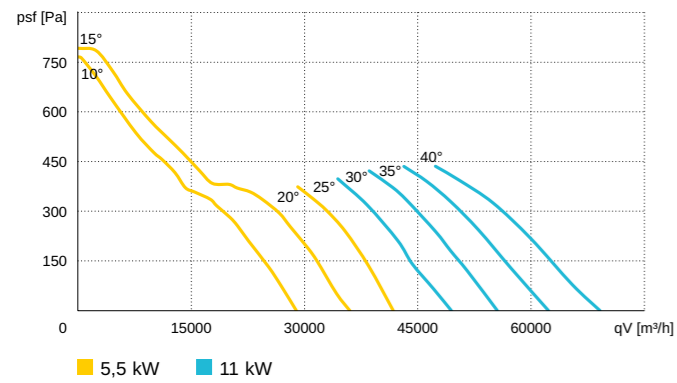
**AL 900 D6 / 50 Hz**



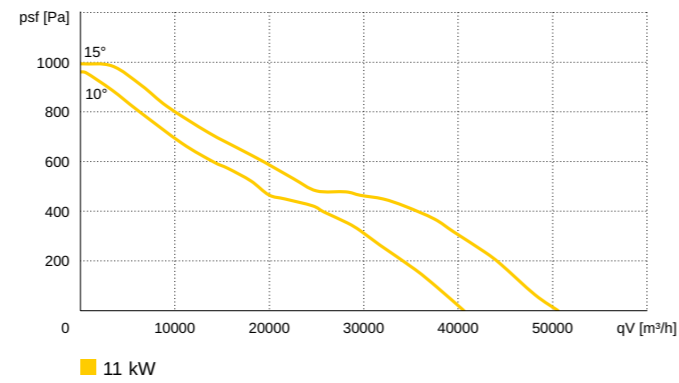
**AL 1000 D4 / 50 Hz**



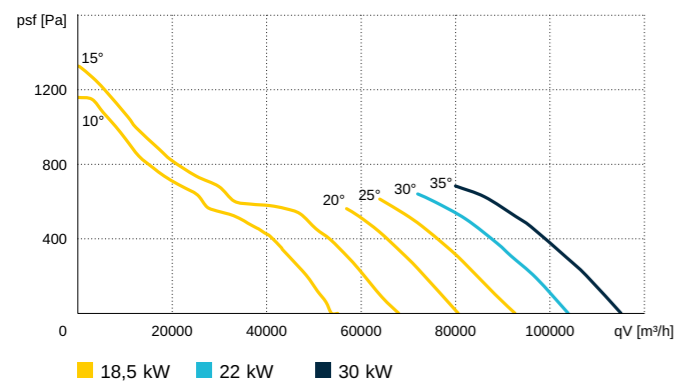
**AL 1000 D6 / 50 Hz**



**AL 1120 D6 / 50 Hz**



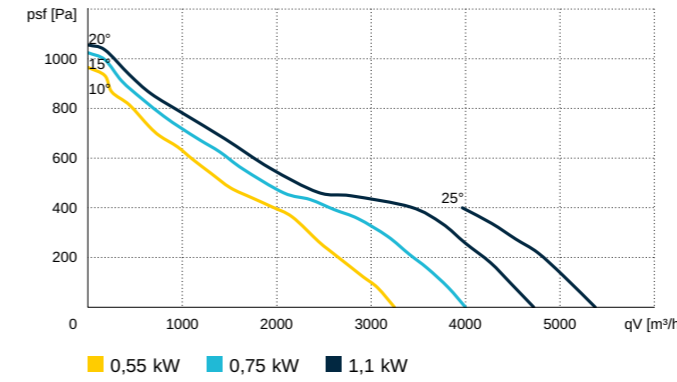
**AL 1250 D6 / 50 Hz**



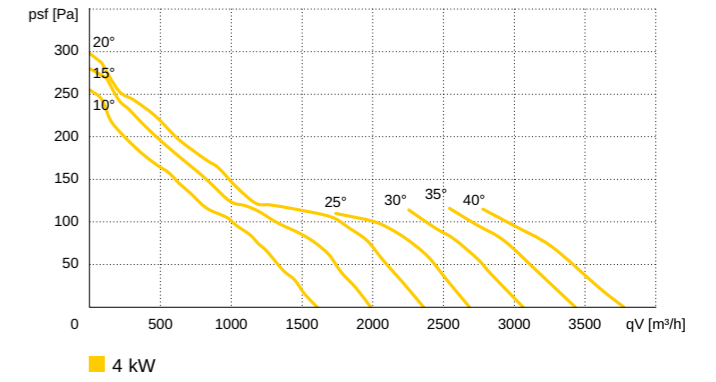
# AL WITH DIFFERENT BLADE ANGLES 60 Hz

The characteristic curves apply at an air density of 1.204 kg / m<sup>3</sup> and were measured on a TÜV certified fan test bench according to ISO 5801. Some products are AMCA certified.

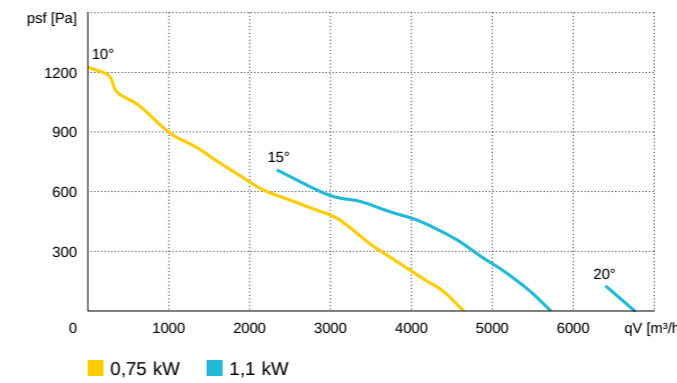
**AL 315 D2 / 60 Hz**



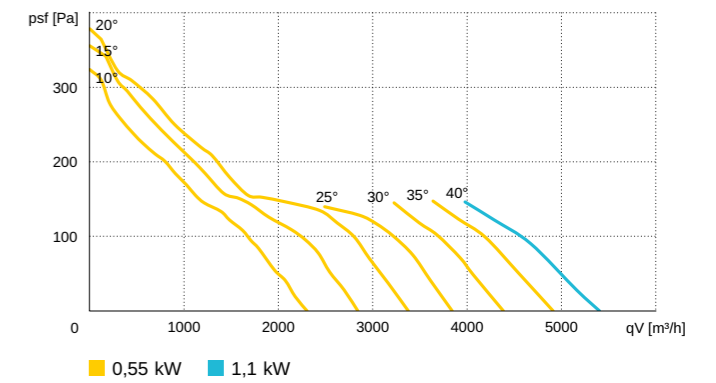
**AL 315 D4 / 60 Hz**



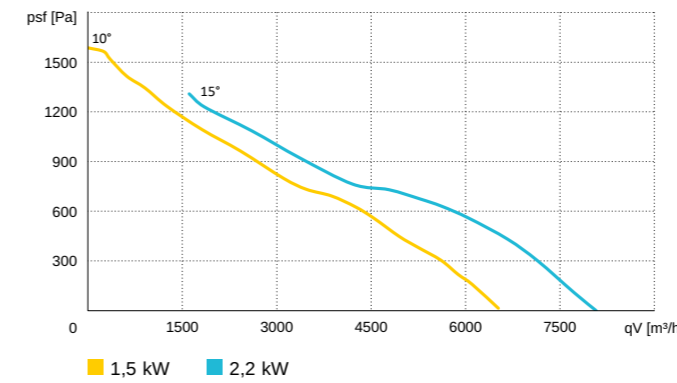
**AL 355 D2 / 60 Hz**



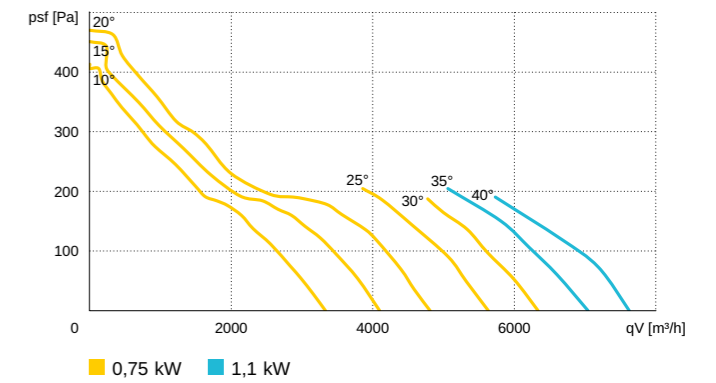
**AL 355 D4 / 60 Hz**



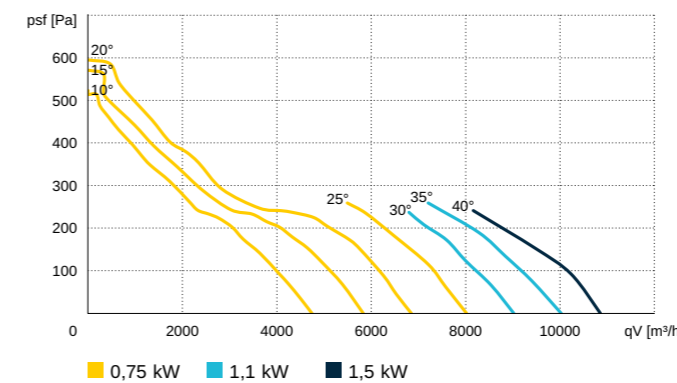
**AL 400 D2 / 60 Hz**



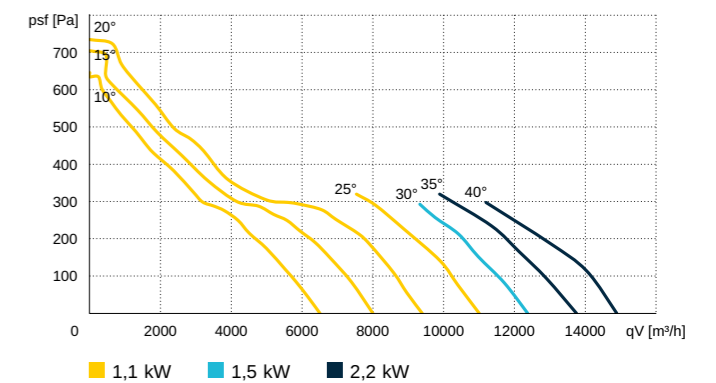
**AL 400 D4 / 60 Hz**



**AL 450 D4 / 60 Hz**



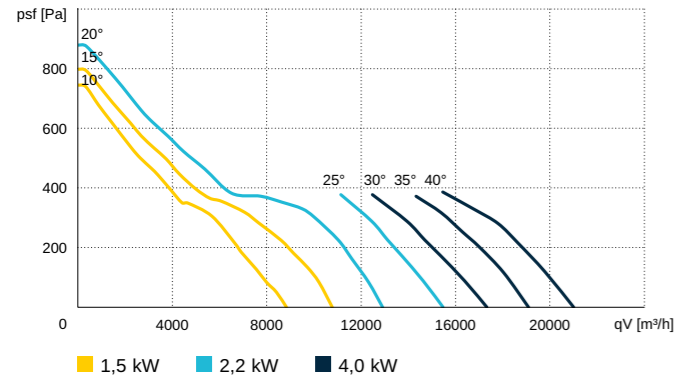
**AL 500 D4 / 60 Hz**



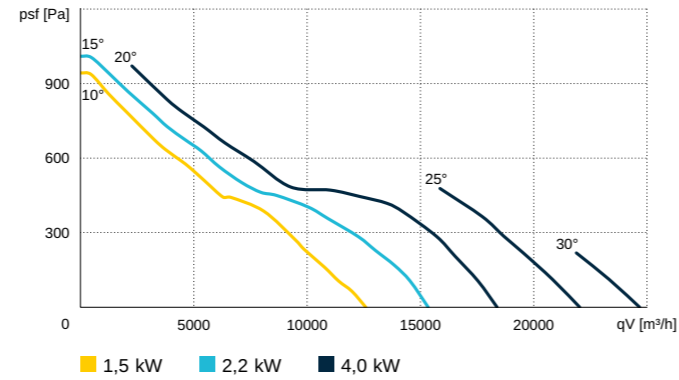
# AL WITH DIFFERENT BLADE ANGLES 60 Hz

The characteristic curves apply at an air density of 1.204 kg / m<sup>3</sup> and were measured on a TÜV certified fan test bench according to ISO 5801. Some products are AMCA certified.

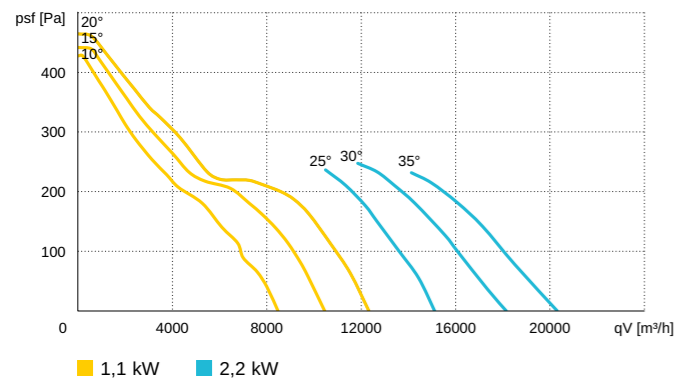
**AL 560 D4 / 60 Hz**



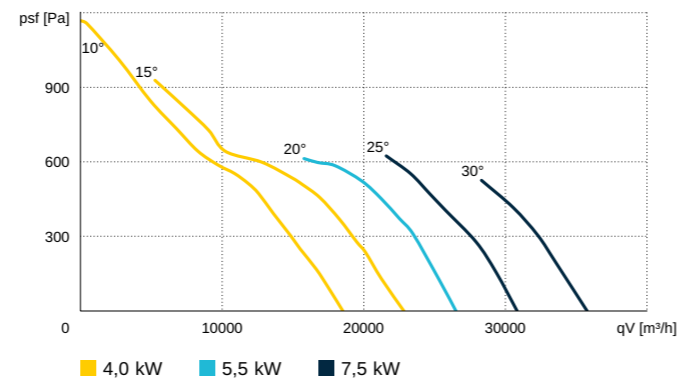
**AL 630 D4 / 60 Hz**



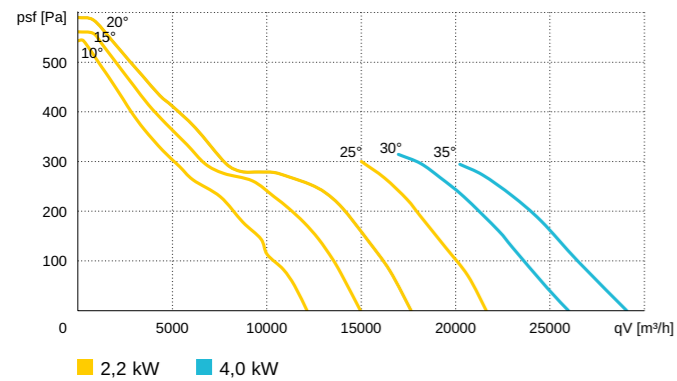
**AL 630 D6 / 60 Hz**



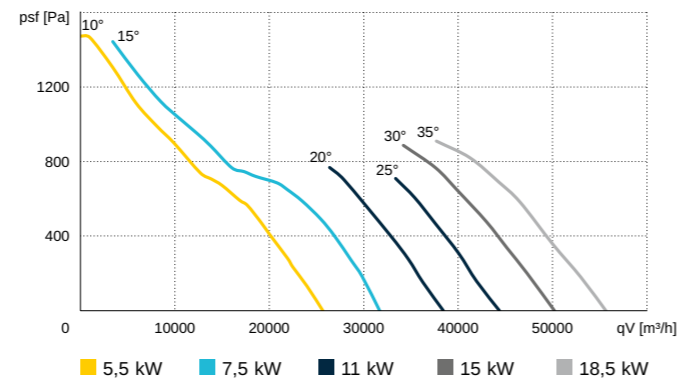
**AL 710 D4 / 60 Hz**



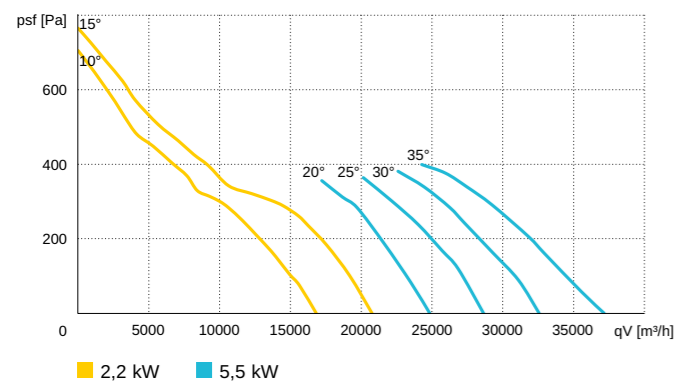
**AL 710 D6 / 60 Hz**



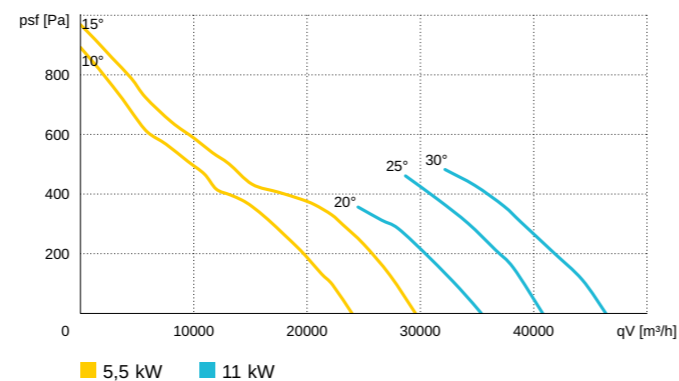
**AL 800 D4 / 60 Hz**



**AL 800 D6 / 60 Hz**



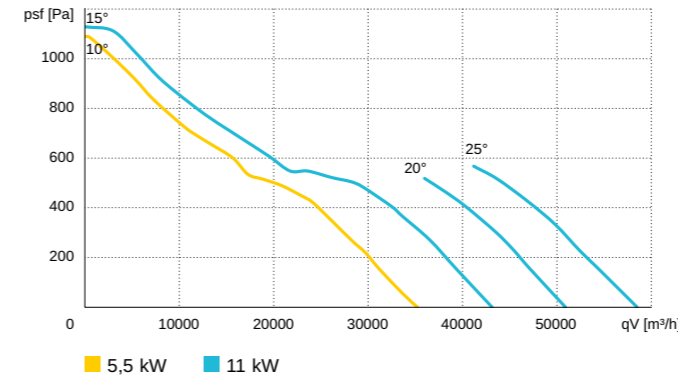
**AL 900 D6 / 60 Hz**



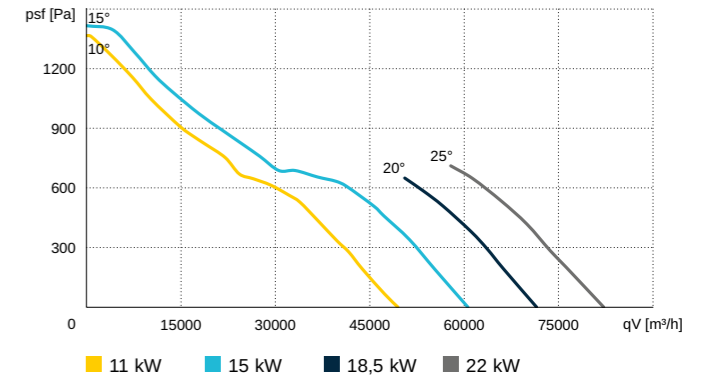
# AL WITH DIFFERENT BLADE ANGLES 60 Hz

The characteristic curves apply at an air density of 1.204 kg / m<sup>3</sup> and were measured on a TÜV certified fan test bench according to ISO 5801. Some products are AMCA certified.

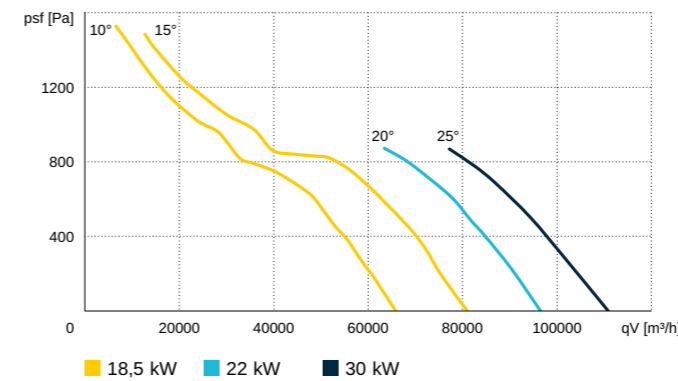
**AL 1000 D6 / 60 Hz**



**AL 1120 D6 / 60 Hz**

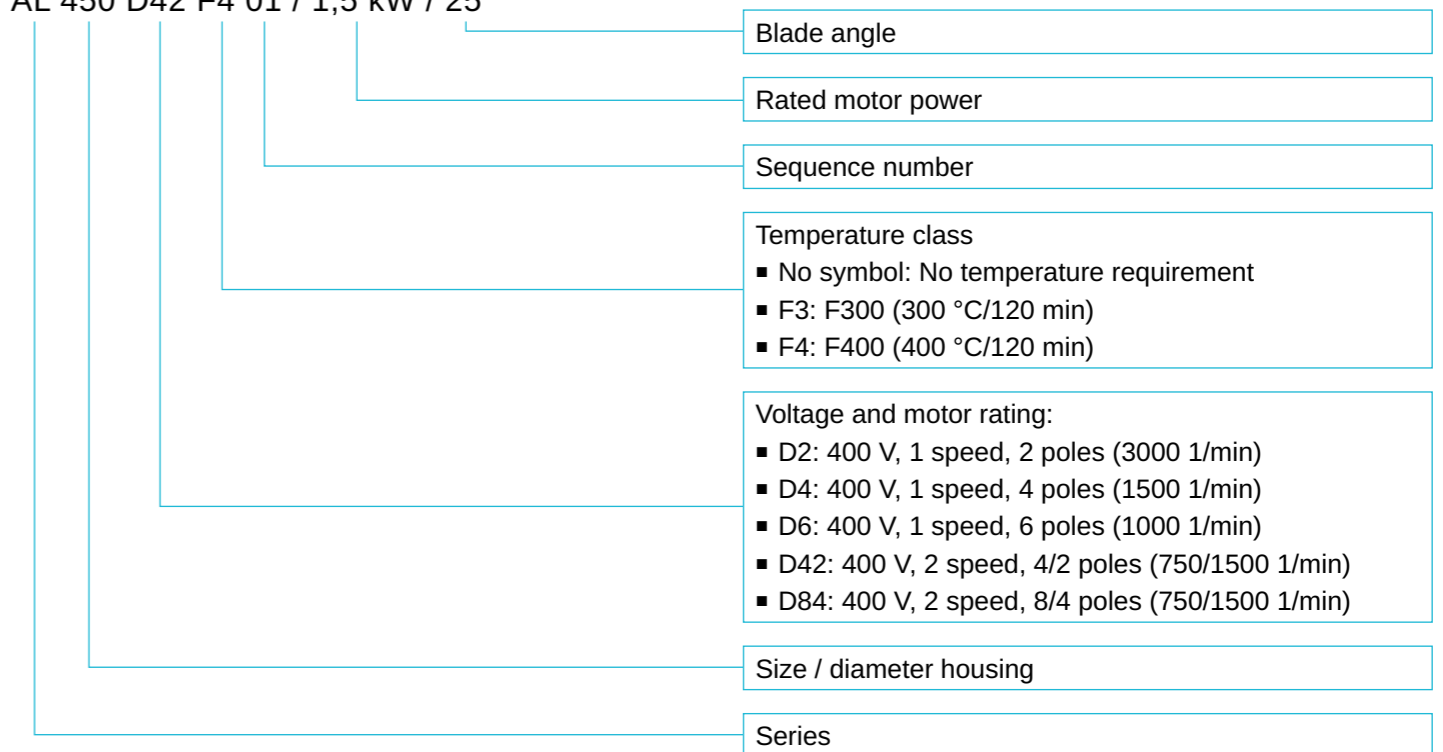


**AL 1250 D6 / 60 Hz**



## TYPE KEY

AL 450 D42 F4 01 / 1,5 kW / 25°



- Blade angle
- Rated motor power
- Sequence number
- Temperature class
  - No symbol: No temperature requirement
  - F3: F300 (300 °C/120 min)
  - F4: F400 (400 °C/120 min)
- Voltage and motor rating:
  - D2: 400 V, 1 speed, 2 poles (3000 1/min)
  - D4: 400 V, 1 speed, 4 poles (1500 1/min)
  - D6: 400 V, 1 speed, 6 poles (1000 1/min)
  - D42: 400 V, 2 speed, 4/2 poles (750/1500 1/min)
  - D84: 400 V, 2 speed, 8/4 poles (750/1500 1/min)
- Size / diameter housing
- Series

# TECHNICAL DATA 50 Hz

The specified data applies to category F300 smoke extract fans. The data for category F400 and standard temperature fans may differ. Further information available on request.

Name	Number of poles	Voltage [V]	Frequency [Hz]	Rated power [kW]	Rated current [A]	Rated speed [1/min]	Max. conveying temp. [°C] *	Weight [kg]
AL 315 D2 0,55 kW	2	400	50	0,55	1,29	2870	60	20,6
AL 315 D2 0,75 kW	2	400	50	0,75	1,69	2840	60	22,1
AL 315 D2 1,1 kW	2	400	50	1,1	2,36	2830	60	23
AL 315 D4 0,55 kW	2	400	50	0,55	1,23	1425	60	23,5
AL 315 D42 0,2/0,8 kW	4/2	400	50	0,2/0,8	0,62/1,91	1400/2820	60	22
AL 315 D42 0,25/1,1 kW	4/2	400	50	0,25/1,1	0,8/2,52	1415/2830	60	23
AL 355 D2 0,75 kW	2	400	50	0,75	1,69	2840	60	22,2
AL 355 D2 1,1 kW	2	400	50	1,1	2,36	2830	60	23,1
AL 355 D4 0,55 kW	4	400	50	0,55	1,23	1425	60	23,6
AL 355 D4 1,1 kW	4	400	50	1,1	2,4	1450	60	27,6
AL 355 D42 0,2/0,8 kW	4/2	400	50	0,2/0,8	0,62/1,91	1400/2820	60	22,1
AL 355 D42 0,25/1,1 kW	4/2	400	50	0,25/1,1	0,8/2,52	1415/2830	60	23,1
AL 400 D2 1,1 kW	2	400	50	1,1	2,36	2830	60	24,6
AL 400 D2 1,5 kW	2	400	50	1,5	3,2	2885	60	31,1
AL 400 D2 2,2 kW	2	400	50	2,2	4,43	2880	60	34,1
AL 400 D4 0,75 kW	4	400	50	0,75	1,66	1440	60	26,1
AL 400 D4 1,1 kW	4	400	50	1,1	2,38	1450	60	29,1
AL 400 D42 0,25/1,1 kW	4/2	400	50	0,25/1,1	0,8/2,52	1415/2830	60	24,6
AL 400 D42 0,37/1,5 kW	4/2	400	50	0,37/1,5	1,14/3,45	1430/2880	60	29,6
AL 400 D42 0,5/2,2 kW	4/2	400	50	0,5/2,2	1,48/4,63	1425/2860	60	31,6
AL 450 D2 2,2 kW	2	400	50	2,2	4,43	2880	60	28,9
AL 450 D2 4,0 kW	2	400	50	4	7,59	2900	60	45,4
AL 450 D4 0,75 kW	4	400	50	0,75	1,66	1440	60	20,9
AL 450 D4 1,1 kW	4	400	50	1,1	2,38	1450	60	23,9
AL 450 D4 1,5 kW	4	400	50	1,5	3,17	1450	60	27,4
AL 450 D42 0,5/2,2 kW	4/2	400	50	0,5/2,2	1,48/4,63	1425/2860	60	26,4
AL 450 D42 1,1/4,4 kW	4/2	400	50	1,1/4,4	2,79/8,59	1440/2890	60	47,4
AL 500 D2 4 kW	2	400	50	4	7,59	2900	60	59,9
AL 500 D2 5,5 kW	2	400	50	5,5	10,6	2945	60	80,9
AL 500 D2 7,5 kW	2	400	50	7,5	14,4	2940	60	85,4
AL 500 D4 1,1 kW	4	400	50	1,1	2,38	1450	60	38,4
AL 500 D4 1,5 kW	4	400	50	1,5	3,17	1450	60	41,9
AL 500 D4 2,2 kW	4	400	50	2,2	4,56	1435	60	50,4
AL 500 D42 1,1/4,4 kW	4/2	400	50	1,1/4,4	2,79/8,59	1440/2890	60	61,9
AL 500 D42 1,5/6,0 kW	4/2	400	50	1,5/6,0	3,67/11,4	1460/2930	60	76,9
AL 500 D42 2,0/8,0 kW	4/2	400	50	2,0/8,0	4,78/15,4	1460/2930	60	90,9
AL 560 D4 1,5 kW	4	400	50	1,5	3,17	1450	60	45,7
AL 560 D4 2,2 kW	4	400	50	2,2	4,56	1435	60	54,2
AL 560 D4 4 kW	4	400	50	4	8,23	1455	60	66,7
AL 560 D84 0,55/2,2 kW	8/4	400	50	0,55/2,2	2,0/4,84	705/1430	60	52,7
AL 560 D84 1,0/3,8 kW	8/4	400	50	1,0/3,8	3,04/8,07	710/1445	60	65,7
AL 630 D4 1,5 kW	4	400	50	1,5	3,17	1450	60	50
AL 630 D4 2,2 kW	4	400	50	2,2	4,56	1435	60	58,5
AL 630 D4 4 kW	4	400	50	4	8,23	1445	60	71

# TECHNICAL DATA 50 Hz

The specified data applies to category F300 smoke extract fans. The data for category F400 and standard temperature fans may differ. Further information available on request.

Name	Number of poles	Voltage [V]	Frequency [Hz]	Rated power [kW]	Rated current [A]	Rated speed [1/min]	Max. conveying temp. [°C] *	Weight [kg]
AL 630 D6 1,1 kW	6	400	50	1,1	2,69	945	60	55,5
AL 630 D6 2,2 kW	6	400	50	2,2	5,22	955	60	73
AL 630 D84 0,55/2,2 kW	8/4	400	50	0,55/2,2	2,0/4,84	705/1430	60	57
AL 630 D84 1,0/3,8 kW	8/4	400	50	1,0/3,8	3,04/8,07	710/1445	60	70
AL 710 D4 4 kW	4	400	50	4	8,23	1455	60	76,7
AL 710 D4 5,5 kW	4	400	50	5,5	10,4	1465	60	98,7
AL 710 D4 7,5 kW	4	400	50	7,5	14,2	1460	60	106,7
AL 710 D6 2,2 kW	6	400	50	2,2	5,22	955	60	78,7
AL 710 D6 4 kW	6	400	50	4	9,11	965	60	106
AL 710 D84 1,0/3,8 kW	8/4	400	50	1,0/3,8	3,04/8,07	710/1440	60	75,7
AL 710 D84 1,8/7,2 kW	8/4	400	50	1,8/7,2	5,53/16,1	735/1475	60	112,7
AL 800 D4 5,5 kW	4	400	50	5,5	10,4	1465	60	142,1
AL 800 D4 7,5 kW	4	400	50	7,5	14,2	1460	60	150,1
AL 800 D4 11 kW	4	400	50	11	20,9	1475	60	189,1
AL 800 D4 15 kW	4	400	50	15	28,3	1470	60	211,1
AL 800 D4 18,5 kW	4	400	50	18,5	35,2	1475	60	267,1
AL 800 D6 2,2 kW	6	400	50	2,2	5,22	955	60	122,1
AL 800 D6 5,5 kW	6	400	50	5,5	12,9	965	60	154,1
AL 800 D84 1,8/7,2 kW	8/4	400	50	1,8/7,2	5,53/16,1	735/1475	60	156,1
AL 800 D84 3,0/11,0 kW	8/4	400	50	3,0/11,0	on request	on request	60	on request
AL 800 D84 4,3/17,0 kW	8/4	400	50	4,3/17,0	on request	on request	60	on request
AL 900 D4 7,5 kW	4	400	50	7,5	14,2	1460	60	167,2
AL 900 D4 11 kW	4	400	50	11	20,9	1475	60	206,2
AL 900 D4 15 kW	4	400	50	15	28,3	1470	60	228,2
AL 900 D4 18,5 kW	4	400	50	18,5	35,2	1475	60	284,2
AL 900 D6 5,5 kW	6	400	50	5,5	12,9	965	60	171,2
AL 900 D6 11 kW	6	400	50	11	21,9	975	60	233,2
AL 900 D84 1,8/7,2 kW	8/4	400	50	1,8/7,2	5,53/16,01	735/1475	60	173,2
AL 900 D84 3,0/11,0 kW	8/4	400	50	3,0/11,0	on request	on request	60	on request
AL 900 D84 4,3/17,0 kW	8/4	400	50	4,3/17,0	on request	on request	60	on request
AL 1000 D4 15,0 kW	4	400	50	15	20,9	1470	60	285
AL 1000 D4 18,5 kW	4	400	50	18,5	28,3	1475	60	341
AL 1000 D4 22,0 kW	4	400	50	22	35,2	1475	60	358
AL 1000 D6 5,5 kW	6	400	50	5,5	12,9	965	60	171,2
AL 1000 D6 11,0 kW	6	400	50	11	21,9	975	60	233,2
AL 1000 D84 3,0/11,0 kW	8/4	400	50	3,0/11,0	on request	on request	60	on request
AL 1000 D84 4,3/17,0 kW	8/4	400	50	4,3/17,0	on request	on request	60	on request
AL 1000 D84 5,0/20,0 kW	8/4	400	50	5,0/20,0	on request	on request	60	on request
AL 1120 D6 11,0 kW	6	400	50	11	21,9	975	60	315
AL 1120 D6 18,5 kW	6	400	50	18,5	28,3	980	60	390
AL 1120 D6 22,0 kW	6	400	50	22	42,4	980	60	400
AL 1250 D6 18,5 kW	6	400	50	18,5	35,9	980	60	378
AL 1250 D6 22,0 kW	6	400	50	22	42,4	980	60	388
AL 1250 D6 30,0 kW	6	400	50	30	56	985	60	543

# TECHNICAL DATA 60 Hz

The specified data applies to category F300 smoke extract fans. The data for category F400 and standard temperature fans may differ. Further information available on request.

Name	Number of poles	Voltage [V]	Frequency [Hz]	Rated power [kW]	Rated current [A]	Rated speed [1/min]	Max. conveying temp. [°C] *	Weight [kg]
AL 315 D2 0,55 kW	2	460	60	0,55	1,09	3485	60	20,6
AL 315 D2 0,75 kW	2	460	60	0,75	1,5	3465	60	22,1
AL 315 D2 1,1 kW	2	460	60	1,1	2,11	3450	60	23
AL 315 D4 0,55 kW	2	460	60	0,55	1,09	1740	60	23,5
AL 315 D42 0,2/0,8 kW	4/2	460	60	0,2/0,8	on request	on request	60	22
AL 315 D42 0,25/1,1 kW	4/2	460	60	0,25/1,1	on request	on request	60	23
AL 355 D2 0,75 kW	2	460	60	0,75	1,5	3465	60	22,2
AL 355 D2 1,1 kW	2	460	60	1,1	2,11	3450	60	23,1
AL 355 D4 0,55 kW	4	460	60	0,55	1,09	1740	60	23,6
AL 355 D4 1,1 kW	4	460	60	1,1	2,1	1755	60	27,6
AL 355 D42 0,2/0,8 kW	4/2	460	60	0,2/0,8	on request	on request	60	22,1
AL 355 D42 0,25/1,1 kW	4/2	460	60	0,25/1,1	on request	on request	60	23,1
AL 400 D2 1,1 kW	2	460	60	1,1	2,11	3450	60	24,6
AL 400 D2 1,5 kW	2	460	60	1,5	2,82	3500	60	31,1
AL 400 D2 2,2 kW	2	460	60	2,2	3,94	3500	60	34,1
AL 400 D4 0,75 kW	4	460	60	0,75	1,49	1750	60	26,1
AL 400 D4 1,1 kW	4	460	60	1,1	2,1	1755	60	29,1
AL 400 D42 0,25/1,1 kW	4/2	460	60	0,25/1,1	on request	on request	60	24,6
AL 400 D42 0,37/1,5 kW	4/2	460	60	0,37/1,5	on request	on request	60	29,6
AL 400 D42 0,5/2,2 kW	4/2	460	60	0,5/2,2	on request	on request	60	31,6
AL 450 D2 2,2 kW	2	460	60	2,2	3,94	3500	60	28,9
AL 450 D2 4,0 kW	2	460	60	4	6,67	3515	60	45,4
AL 450 D4 0,75 kW	4	460	60	0,75	1,49	1750	60	20,9
AL 450 D4 1,1 kW	4	460	60	1,1	2,1	1755	60	23,9
AL 450 D4 1,5 kW	4	460	60	1,5	2,79	1755	60	27,4
AL 450 D42 0,5/2,2 kW	4/2	460	60	0,5/2,2	on request	on request	60	26,4
AL 450 D42 1,1/4,4 kW	4/2	460	60	1,1/4,4	on request	on request	60	47,4
AL 500 D2 4 kW	2	460	60	4	6,67	3515	60	59,9
AL 500 D2 5,5 kW	2	460	60	5,5	9,29	3550	60	80,9
AL 500 D2 7,5 kW	2	460	60	7,5	12,7	3545	60	85,4
AL 500 D4 1,1 kW	4	460	60	1,1	2,1	1755	60	38,4
AL 500 D4 1,5 kW	4	460	60	1,5	2,79	1755	60	41,9
AL 500 D4 2,2 kW	4	460	60	2,2	3,96	1745	60	50,4
AL 500 D42 1,1/4,4 kW	4/2	460	60	1,1/4,4	on request	on request	60	61,9
AL 500 D42 1,5/6,0 kW	4/2	460	60	1,5/6,0	on request	on request	60	76,9
AL 500 D42 2,0/8,0 kW	4/2	460	60	2,0/8,0	on request	on request	60	90,9
AL 560 D4 1,5 kW	4	460	60	1,5	2,79	1755	60	45,7
AL 560 D4 2,2 kW	4	460	60	2,2	3,96	1745	60	54,2
AL 560 D4 4 kW	4	460	60	4	7,28	1760	60	66,7
AL 560 D84 0,55/2,2 kW	8/4	460	60	0,55/2,2	on request	on request	60	52,7
AL 560 D84 1,0/3,8 kW	8/4	460	60	1,0/3,8	on request	on request	60	65,7
AL 630 D4 1,5 kW	4	460	60	1,5	2,79	1755	60	50
AL 630 D4 2,2 kW	4	460	60	2,2	3,96	1745	60	58,5
AL 630 D4 4 kW	4	460	60	4	7,28	1760	60	71

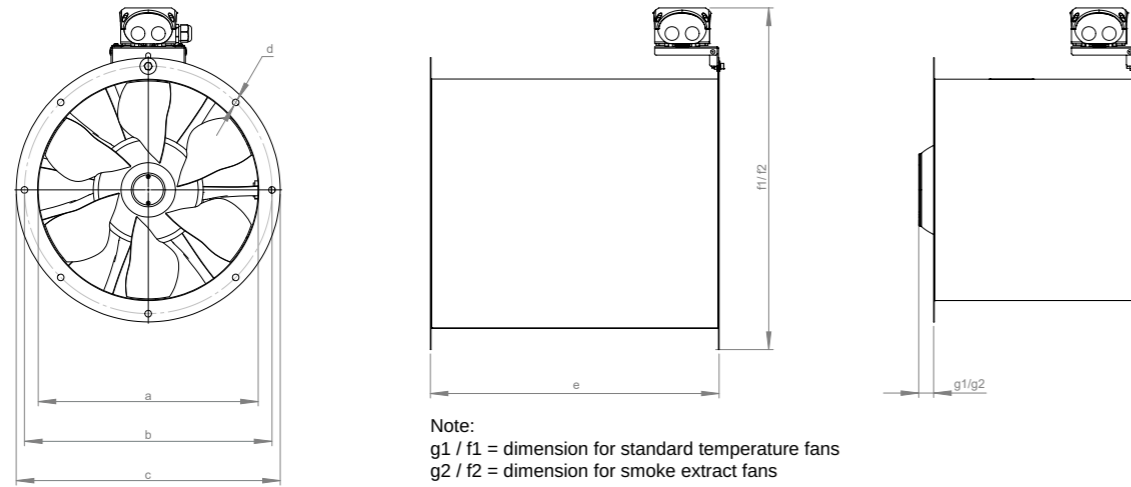
# TECHNICAL DATA 60 Hz

The specified data applies to category F300 smoke extract fans. The data for category F400 and standard temperature fans may differ. Further information available on request.

Name	Number of poles	Voltage [V]	Frequency [Hz]	Rated power [kW]	Rated current [A]	Rated speed [1/min]	Max. conveying temp. [°C] *	Weight [kg]
AL 630 D6 1,1 kW	6	460	60	1,1	2,35	1155	60	55,5
AL 630 D6 2,2 kW	6	460	60	2,2	4,44	1165	60	73
AL 630 D84 0,55/2,2 kW	8/4	460	60	0,55/2,2	on request	on request	60	57
AL 630 D84 1,0/3,8 kW	8/4	460	60	1,0/3,8	on request	on request	60	70
AL 710 D4 4 kW	4	460	60	4	7,28	1760	60	76,7
AL 710 D4 5,5 kW	4	460	60	5,5	8,96	1770	60	98,7
AL 710 D4 7,5 kW	4	460	60	7,5	12,4	1770	60	106,7
AL 710 D6 2,2 kW	6	460	60	2,2	4,44	1165	60	78,7
AL 710 D6 4 kW	6	460	60	4	7,9	1170	60	106
AL 710 D84 1,0/3,8 kW	8/4	460	60	1,0/3,8	on request	on request	60	75,7
AL 710 D84 1,8/7,2 kW	8/4	460	60	1,8/7,2	on request	on request	60	112,7
AL 800 D4 5,5 kW	4	460	60	5,5	8,96	1770	60	142,1
AL 800 D4 7,5 kW	4	460	60	7,5	12,4	1770	60	150,1
AL 800 D4 11 kW	4	460	60	11	18,4	1775	60	189,1
AL 800 D4 15 kW	4	460	60	15	25	1780	60	211,1
AL 800 D4 18,5 kW	4	460	60	18,5	30,6	1778	60	267,1
AL 800 D6 2,2 kW	6	460	60	2,2	4,44	1165	60	122,1
AL 800 D6 5,5 kW	6	460	60	5,5	10,8	1170	60	154,1
AL 800 D84 1,8/7,2 kW	8/4	460	60	1,8/7,2	on request	on request	60	156,1
AL 800 D84 3,0/11,0 kW	8/4	460	60	3,0/11,0	on request	on request	60	on request
AL 800 D84 4,3/17,0 kW	8/4	460	60	4,3/17,0	on request	on request	60	on request
AL 900 D4 7,5 kW	4	460	60	7,5	12,4	1770	60	167,2
AL 900 D4 11 kW	4	460	60	11	18,4	1775	60	206,2
AL 900 D4 15 kW	4	460	60	15	25	1780	60	228,2
AL 900 D4 18,5 kW	4	460	60	18,5	30,6	1778	60	284,2
AL 900 D6 5,5 kW	6	460	60	5,5	10,8	1170	60	171,2
AL 900 D6 11 kW	6	460	60	11	19,3	1180	60	233,2
AL 900 D84 1,8/7,2 kW	8/4	460	60	1,8/7,2	on request	on request	60	173,2
AL 900 D84 3,0/11,0 kW	8/4	460	60	3,0/11,0	on request	on request	60	on request
AL 900 D84 4,3/17,0 kW	8/4	460	60	4,3/17,0	on request	on request	60	on request
AL 1000 D4 15,0 kW	4	460	60	15	25	1780	60	285
AL 1000 D4 18,5 kW	4	460	60	18,5	30,6	1778	60	341
AL 1000 D4 22,0 kW	4	460	60	22	36	1780	60	358
AL 1000 D6 5,5 kW	6	460	60	5,5	10,8	1170	60	228
AL 1000 D6 11,0 kW	6	460	60	11	19,3	1180	60	290
AL 1000 D84 3,0/11,0 kW	8/4	460	60	3,0/11,0	on request	on request	60	on request
AL 1000 D84 4,3/17,0 kW	8/4	460	60	4,3/17,0	on request	on request	60	on request
AL 1000 D84 5,0/20,0 kW	8/4	460	60	5,0/20,0	on request	on request	60	on request
AL 1120 D6 11,0 kW	6	460	60	11	19,3	1180	60	315
AL 1120 D6 18,5 kW	6	460	60	18,5	31,2	1180	60	390
AL 1120 D6 22,0 kW	6	460	60	22	37,1	1185	60	400
AL 1250 D6 18,5 kW	6	460	60	18,5	31,2	1180	60	378
AL 1250 D6 22,0 kW	6	460	60	22	37,1	1185	60	388
AL 1250 D6 30,0 kW	6	460	60	30	48,8	1185	60	543



# DIMENSIONS

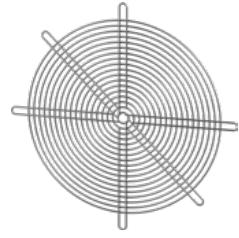


Name	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f1 [mm]	f2 [mm]	g1 [mm]	g2 [mm]	Length e+g1	Length e+g2
AL 315 D2 0,55 kW	315	355	380	8 x 10	383	473	468	-	-	383	383
AL 315 D2 0,75 kW	315	355	380	8 x 10	383	473	468	-	-	383	383
AL 315 D2 0,75 kW	315	355	380	8 x 10	383	473	468	-	-	383	383
AL 315 D4 0,55 kW	315	355	380	8 x 10	383	473	468	-	-	383	383
AL 315 D42 0,2/0,8 kW	315	355	380	8 x 10	383	473	468	-	-	383	383
AL 315 D42 0,25/1,1 kW	315	355	380	8 x 10	383	473	468	-	-	383	383
AL 355 D2 0,75 kW	355	395	420	8 x 10	383	513	510	-	-	383	383
AL 355 D2 1,1 kW	355	395	420	8 x 10	383	513	510	-	-	383	383
AL 355 D4 0,55 kW	355	395	420	8 x 10	383	513	510	-	-	383	383
AL 355 D4 1,1 kW	355	395	420	8 x 10	383	513	510	-	-	383	383
AL 355 D42 0,2/0,8 kW	355	395	420	8 x 10	383	513	510	-	-	383	383
AL 355 D42 0,25/1,1 kW	355	395	420	8 x 10	383	513	510	-	-	383	383
AL 400 D2 1,1 kW	400	450	480	8 x 12	368	571	563	-	-	368	368
AL 400 D2 1,5 kW	400	450	480	8 x 12	368	571	563	27	3	395	371
AL 400 D2 2,2 kW	400	450	480	8 x 12	368	571	563	27	27	395	395
AL 400 D4 0,75 kW	400	450	480	8 x 12	368	571	563	-	-	368	368
AL 400 D4 1,1 kW	400	450	480	8 x 12	368	571	563	27	3	395	371
AL 400 D42 0,25/1,1 kW	400	450	480	8 x 12	368	571	563	-	-	368	368
AL 400 D42 0,37/1,5 kW	400	450	480	8 x 12	368	571	563	27	3	395	371
AL 400 D42 0,5/2,2 kW	400	450	480	8 x 12	368	571	563	27	58	395	426
AL 450 D2 2,2 kW	450	500	530,5	8 x 12	368	621	621	41,6	42,6	409,6	410,6
AL 450 D2 4,0 kW	450	500	530,5	8 x 12	368	621	621	97	97	465	465
AL 450 D4 0,75 kW	450	500	530,5	8 x 12	368	621	621	-	-	368	368
AL 450 D4 1,1 kW	450	500	530,5	8 x 12	368	621	621	41,6	17,6	409,6	385,6
AL 450 D4 1,5 kW	450	500	530,5	8 x 12	368	621	621	41,6	42,6	409,6	410,6
AL 450 D42 0,5/2,2 kW	450	500	530,5	8 x 12	368	621	621	41,6	72,6	409,6	440,6
AL 450 D42 1,1/4,4 kW	450	500	530,5	8 x 12	368	621	621	95,6	96,7	463,6	464,7
AL 500 D2 4,0 kW	500	560	590	12 x 12	443	681	670	32,5	33,6	475,5	476,6
AL 500 D2 5,5 kW	500	560	590	12 x 12	443	681	670	109,5	109,5	552,5	552,5
AL 500 D2 7,5 kW	500	560	590	12 x 12	443	681	670	-	-	443	443
AL 500 D4 1,1 kW	500	560	590	12 x 12	443	681	670	-	-	443	443
AL 500 D4 1,5 kW	500	560	590	12 x 12	443	681	670	-	-	443	443
AL 500 D4 2,2 kW	500	560	590	12 x 12	443	681	670	15,5	15,5	458,5	458,5
AL 500 D42 1,1/4,4 kW	500	560	590	12 x 12	443	681	670	32,5	33,6	475,5	476,6
AL 500 D42 1,5/6,0 kW	500	560	590	12 x 12	443	681	670	109,5	71,5	552,5	514,5
AL 500 D42 2,0/8,0 kW	500	560	590	12 x 12	443	681	670	-	-	443	443

# DIMENSIONS

Name	a [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f1 [mm]	f2 [mm]	g1 [mm]	g2 [mm]	Length e+g1	Length e+g2
AL 560 D4 1,5 kW	560	620	650	12 x 12	443	741	731	-	-	443	443
AL 560 D4 2,2 kW	560	620	650	12 x 12	443	741	731	31	31	474	474
AL 560 D4 4,0 kW	560	620	650	12 x 12	443	741	731	47,5	48,6	490,5	491,6
AL 560 D84 0,55/2,2 kW	560	620	650	12 x 12	443	741	731	30,5	30,5	473,5	473,5
AL 560 D84 1,0/3,8 kW	560	620	650	12 x 12	443	741	731	47,5	83,5	490,5	526,5
AL 630 D4 1,5 kW	630	690	720	12 x 12	443	810	801	6	7	449	450
AL 630 D4 2,2 kW	630	690	720	12 x 12	443	810	801	43	43	486	486
AL 630 D4 4,0 kW	630	690	720	12 x 12	443	810	801	60	60	503	503
AL 630 D6 1,1 kW	630	690	720	12 x 12	443	810	801	43	43	486	486
AL 630 D6 2,2 kW	630	690	720	12 x 12	443	810	801	60	61	503	504
AL 630 D84 1,0/3,8 kW	630	690	720	12 x 12	443	810	801	60	96	503	539
AL 710 D4 4,0 kW	710	770	810	16 x 12	433	895	887	90,5	91,5	523,5	524,5
AL 710 D4 5,5 kW	710	770	810	16 x 12	433	895	887	129,5	129,5	562,5	562,5
AL 710 D4 7,5 kW	710	770	810	16 x 12	433	895	887	168	168	601	601
AL 710 D6 2,2 kW	710	770	810	16 x 12	433	895	887	83	83	516	516
AL 710 D6 4,0 kW	710	770	810	16 x 12	433	895	887	167,5	-	600,5	433
AL 710 D84 1,0/3,8 kW	710	770	810	16 x 12	433	895	887	90,5	126,5	523,5	559,5
AL 710 D84 1,8/7,2 kW	710	770	810	16 x 12	433	-	887	167,5	192	600,5	625
AL 800 D4 5,5 kW	800	860	900	16 x 12	648	975	966	-	-	648	648
AL 800 D4 7,5 kW	800	860	900	16 x 12	648	975	984	-	-	648	648
AL 800 D4 11,0 kW	800	860	900	16 x 12	648	981	984	121	77	769	725
AL 800 D4 15,0 kW	800	860	900	16 x 12	648	981	984	113	-	761	648
AL 800 D4 18,5 kW	800	860	900	16 x 12	648	981	984	171	141	819	789
AL 800 D6 2,2 kW	800	860	900	16 x 12	648	975	966	-	-	648	648
AL 800D6 5,5 kW	800	860	900	16 x 12	648	975	966	21	21	669	669
AL 800 D84 1,8/7,2 kW	800	860	900	16 x 12	648	975	966	-	21,5	648	669,5
AL 800 D84 3,0/11,0 kW	800	860	900	16 x 12	648	981	984	-	-	648	648
AL 800 D84 4,3/17,0 kW	800	860	900	16 x 12	648	981	984	-	-	648	648
AL 900 D4 7,5 kW	900	970	1010	16 x 15	638	1081	1072	32	32	670	670
AL 900 D4 11,0 kW	900	970	1010	16 x 15	638	1087	1090	156	112	794	750
AL 900 D4 15,0 kW	900	970	1010	16 x 15	638	1087	1090	156	148	794	786
AL 900 D4 18,5 kW	900	970	1010	16 x 15	638	1087	1090	204	176	842	814
AL 900 D6 5,5 kW	900	970	1010	16 x 15	638	1081	1072	56,5	56,5	694,5	694,5
AL 900 D6 11,0 kW	900	970	1010	16 x 15	638	1087	1090	148	156	786	794
AL 900 D84 1,8/7,2 kW	900	970	1010	16 x 15	638	1081	1072	32	56,5	670	694,5
AL 900 D84 3,0/11,0 kW	900	970	1010	16 x 15	638	1087	1090	-	-	638	638
AL 900 D84 4,3/17,0 kW	900	970	1010	16 x 15	638	1087	1090	-	-	638	638
AL 1000 D4 15,0 kW	1000	1070	1110	16 x 15	638	1188	1190,5	168	176	806	814
AL 1000 D4 18,5 kW	1000	1070	1110	16 x 15	638	1188	1190,5	226	196	864	834
AL 1000 D4 22,0 kW	1000	1070	1110	16 x 15	638	1188	1190,5	226	234	864	872
AL 1000 D6 5,5 kW	1000	1070	1110	16 x 15	638	1181,5	1172,5	76,5	76,5	714,5	714,5
AL 1000 D6 11,0 kW	1000	1070	1110	16 x 15	638	1188	1190,5	168	176	806	814
AL 1000 D84 3,0/11,0 kW	1000	1070	1110	16 x 15	638	1188	1190,5	-	-	638	638
AL 1000 D84 4,3/17,0 kW	1000	1070	1110	16 x 15	638	1188	1190,5	-	-	638	638
AL 1000 D84 5,0/20,0 kW	1000	1070	1110	16 x 15	638	1188	1190,5	-	-	638	638
AL 1120 D6 11,0 kW...	1120	1190	1240	20 x 15	728	1314	1316	108	116	836	844
AL 1120 D6 15,0 kW	1120	1190	1240	20 x 15	728	1314	1316	230	239	958	967
AL 1120 D6 18,5 kW	1120	1190	1240	20 x 15	728	1314	1316	230	239	958	967
AL 1250 D6 18,5 kW	1250	1320	1370	20 x 15	728	1445	1447	260	146	988	874
AL 1250 D6 22,0 kW	1250	1320	1370	20 x 15	728	1445	1447	260	269	988	997
AL 1250 D6 30,0 kW	1250	1320	1370	20 x 15	728	1461	1447	359	359	1087	1087

## ACCESSORIES



Protection grille, narrow meshed / wide meshed



Round flange



Tube connection spigot



Automatic tube shutter



Round spigot



Inlet nozzle



Mounting foot



Crossbeam



Vibration damper



Climaset



Potentiometer



Stepped potentiometer



Constant pressure control



Air flow and temperature transducer



Frequency converter

## MOUNTING EXAMPLE

### IT'S A MATCH!



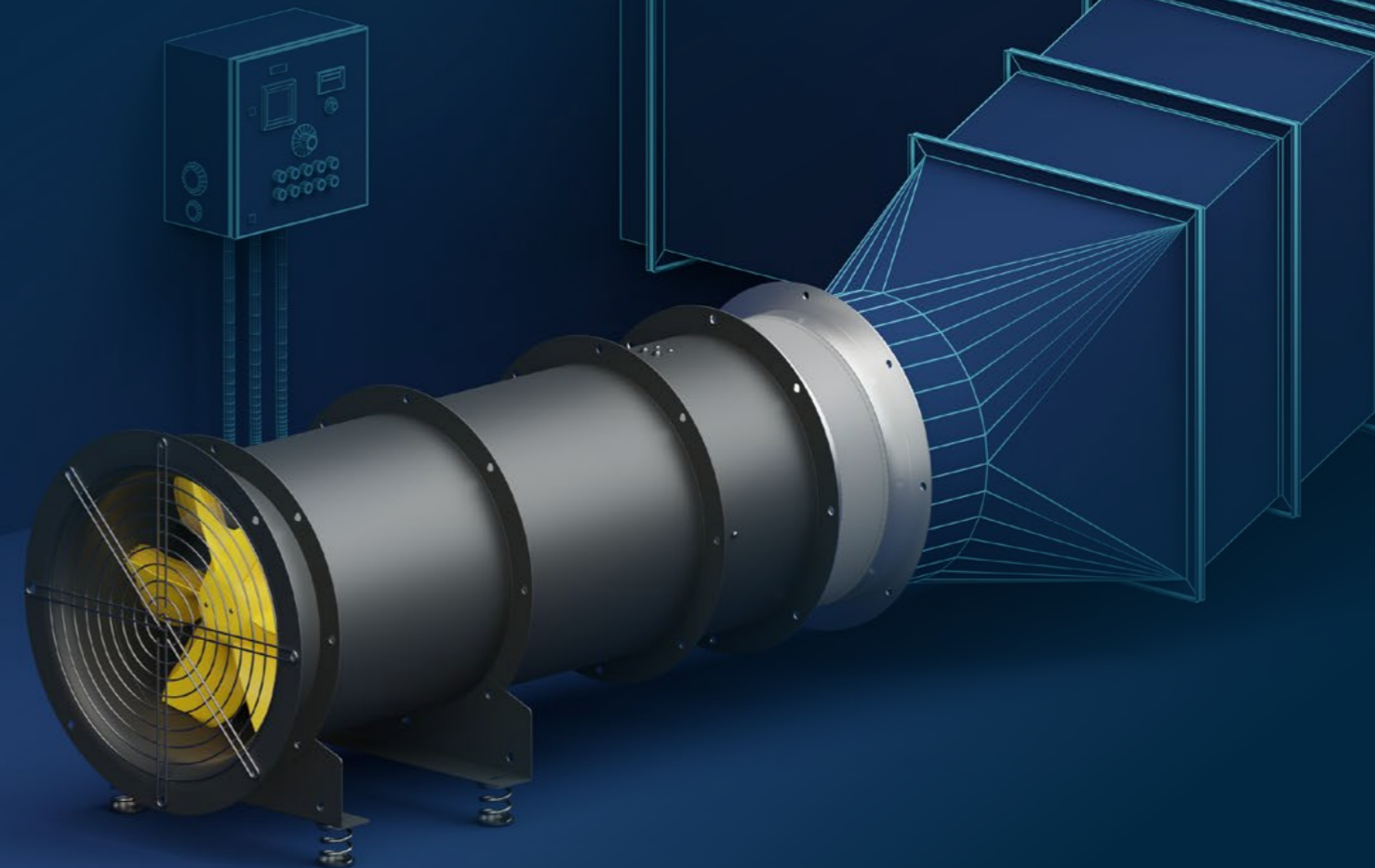
**M** All single speed motors in energy efficiency class IE 3

**A** Aerodynamically optimized construction

**T** Online based design software

**C** Simple integration in all common control concepts

**H** Convincing in complex installation situations



## CONTACT

---

**ruck Ventilatoren GmbH**  
Max-Planck-Straße 5  
D-97944 Boxberg

Tel. +49 7930 9211-300  
[www.ruck.eu](http://www.ruck.eu) | [sales@ruck.eu](mailto:sales@ruck.eu)

