



Product Catalogue



ABF Low Pressure Centrifugal Fan



Technical Specifications

LOW PRESSURE CENTRIFUGAL FAN

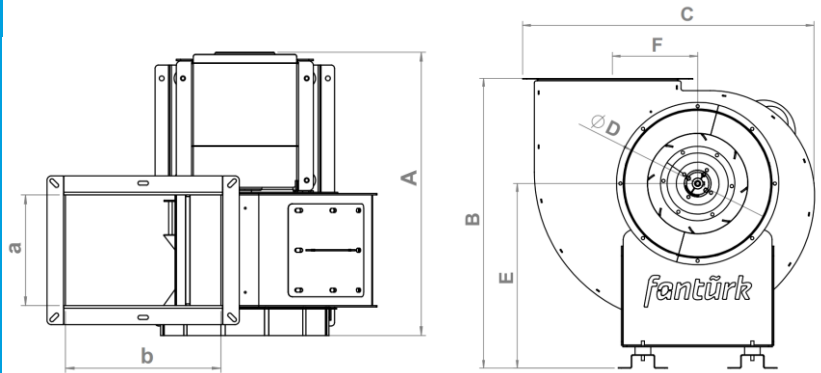
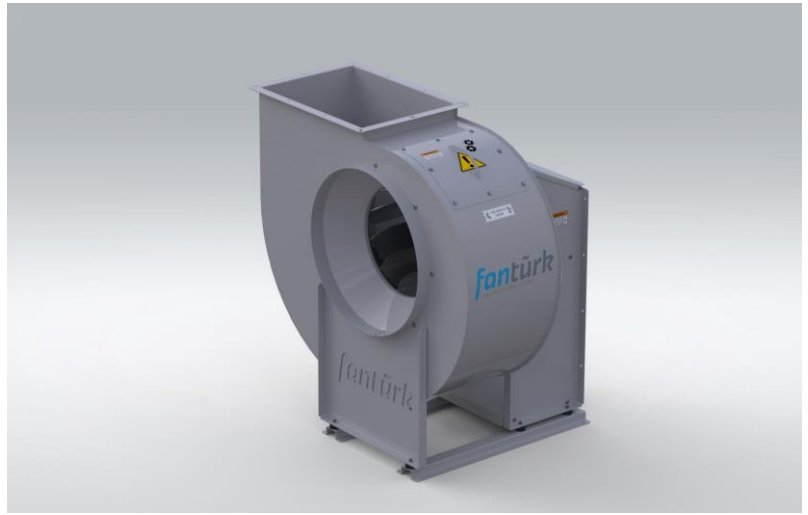
ABF series are single suction high efficiency and low noise fans. The maximum temperature of the suction fluid should be 120 ° C. In order to work at a higher temperature, modifications to the fan manufacturing are required.

Made of high quality corrosion resistant S355 steel and coated with epoxy paint. Can be made of stainless steel for corrosive and high temperature environments. Fans are radial fans with backward curved blades. It is possible to drive the fan with belt pulley, direct coupling or elastic coupling.

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

Usage Areas

It can be used for suction of clean and light dusty fluids, cooling, ventilation, drying, mechanical extraction and toxic gas exhaust.



MODEL	A	B	C	Inlet	Outlet	E	F	VOLTAGE	FREQUENCY	MOTOR POWER	CURRENT	MOTOR SPEED	SOUND P. LEVEL	WEIGHT
	mm	mm	mm	ØD	a x b									
ABF 250/0,25	640	740	745	381	250 x 352	472	230	380	50	0,25	0,9	1360	64	58
ABF 250/0,37	640							380	50	0,37	1,2	1360	65	59
ABF 250/2,2	640							380	50	2,2	4,5	2850	77	68
ABF 250/3	640							380	50	3	6	2900	78	74
ABF 280/0,55	650	830	830	422	280 x 400	510	250	380	50	0,55	1,6	1370	67	71
ABF 280/4	690							380	50	4	7,4	2900	79	86
ABF 280/5,5	725							380	50	5,5	11	2900	82	102
ABF 315/1,1	715	908	912	522	315 x 450	570	280	380	50	1,1	2,6	1390	70	94
ABF 315/7,5	765							380	50	7,5	13,6	2900	84	125
ABF 315/11	895							380	50	11	19,5	2930	85	166
ABF 355/0,37	755	1005	1040	522	355 x 500	642	328	380	50	0,37	1,2	930	60	123
ABF 355/0,55	755							380	50	0,55	1,6	930	62	124
ABF 355/2,2	755							380	50	2,2	5	1420	72	137
ABF 355/15	950							380	50	15	28,3	2935	79	204
ABF 355/18,5	950							380	50	18,5	34	2935	82	237
ABF 400/1,1	805	1105	1135	568	400 x 556	702	357	380	50	1,1	2,9	930	65	130
ABF 400/4	820							380	50	4	8,2	1430	73	151
ABF 450/2,2	920	1300	1285	644	450 x 627	840	400	380	50	2,2	5,4	950	68	181
ABF 450/5,5	920							380	50	5,5	11,2	1440	75	198
ABF 450/7,5	920							380	50	7,5	15,4	1450	76	208
ABF 500/4	970	1430	1450	728	500 x 706	880	460	380	50	4	9	960	71	246
ABF 500/11	1055							380	50	11	21	1460	78	296
ABF 500/15	1055							380	50	15	29,3	1460	79	302
ABF 560/5,5	1085	1755	1617	818	560 x 800	1173	510	380	50	5,5	12,3	950	74	315
ABF 560/7,5	1120							380	50	7,5	15	960	75	349
ABF 560/18,5	1175							380	50	18,5	34,5	1460	82	416
ABF 560/22	1175							380	50	22	42,5	1460	83	426

Fan Directions



The centrifugal fan direction must be specified when ordering.

To determine the fan direction, one of the following options is selected when looking from the motor side.

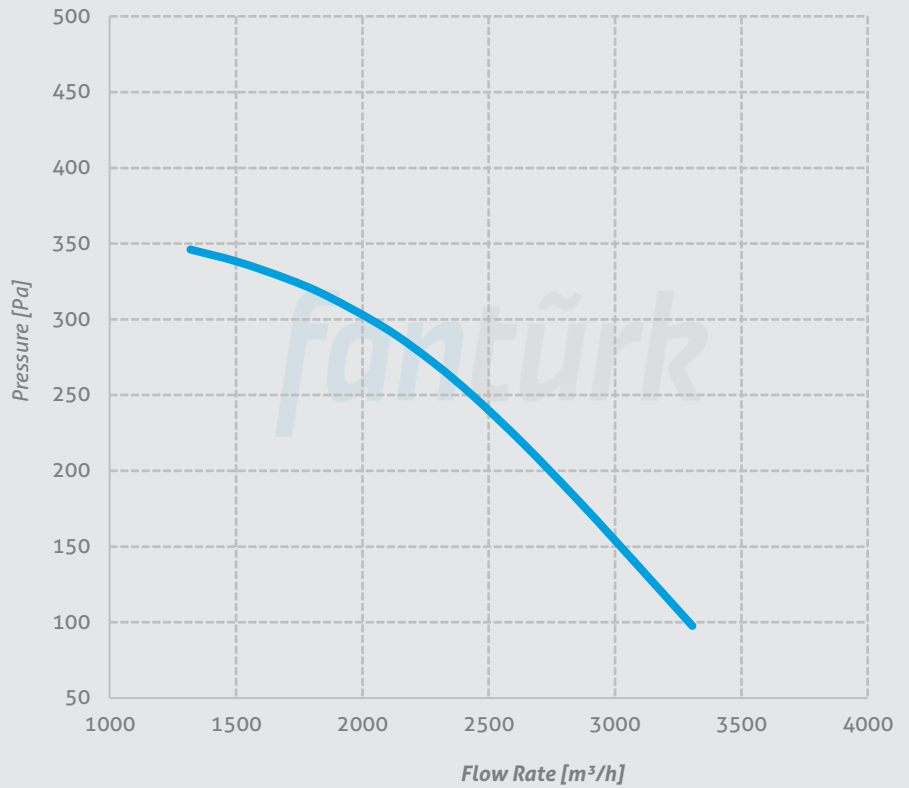


<p>Counter Clockwise</p>	<p>TR Top Right</p>	<p>TR45 Top Right 45°</p>	<p>LT Left Top</p>	<p>LT45 Left Top 45°</p>
	<p>BL Bottom Left</p>	<p>BL45 Bottom Left 45°</p>	<p>RB Right Bottom</p>	<p>RB45 Right Bottom 45°</p>
	<p>TL Top Left</p>	<p>TL45 Top Left 45°</p>	<p>RT Right Top</p>	<p>RT45 Right Top 45°</p>
	<p>BR Bottom Right</p>	<p>BR45 Bottom Right 45°</p>	<p>LB Left Bottom</p>	<p>LB45 Left Bottom 45°</p>
<p>Clockwise</p>	<p>TR Top Right</p>	<p>TR45 Top Right 45°</p>	<p>LT Left Top</p>	<p>LT45 Left Top 45°</p>
	<p>BL Bottom Left</p>	<p>BL45 Bottom Left 45°</p>	<p>RB Right Bottom</p>	<p>RB45 Right Bottom 45°</p>
	<p>TL Top Left</p>	<p>TL45 Top Left 45°</p>	<p>RT Right Top</p>	<p>RT45 Right Top 45°</p>
	<p>BR Bottom Right</p>	<p>BR45 Bottom Right 45°</p>	<p>LB Left Bottom</p>	<p>LB45 Left Bottom 45°</p>

Performance Curves

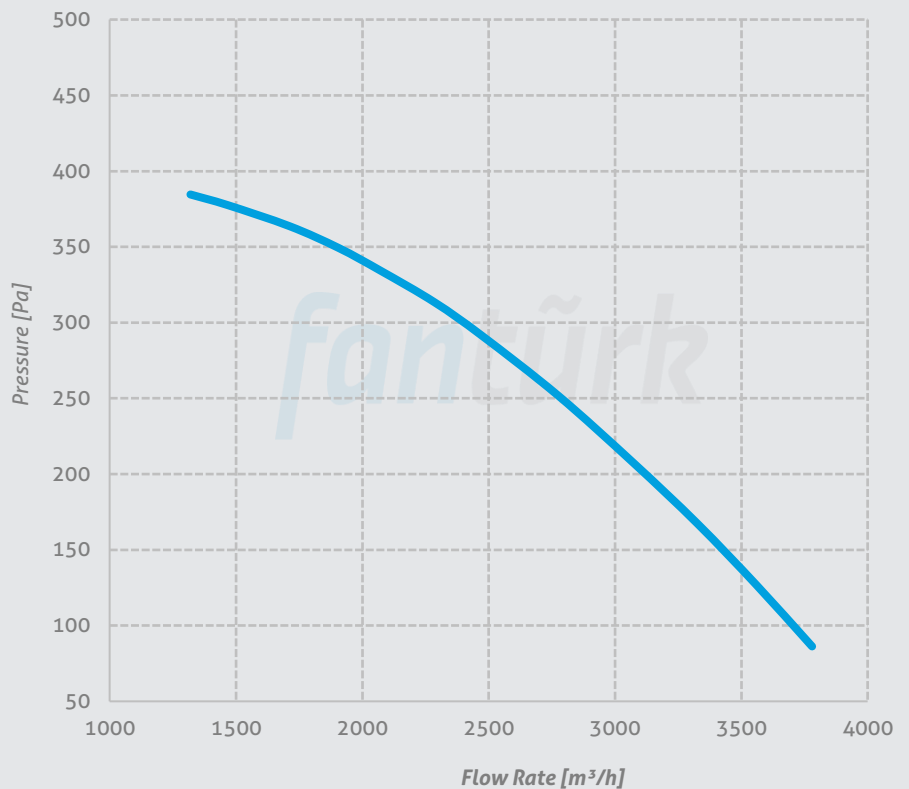
ABF 250/0,25

Voltage 380 V
Frequency 50 Hz
Motor Power 0,25 kW
Motor Speed 1360 rpm
Sound Pressure Level 64 dBA
Weight 58 kg



ABF 250/0,37

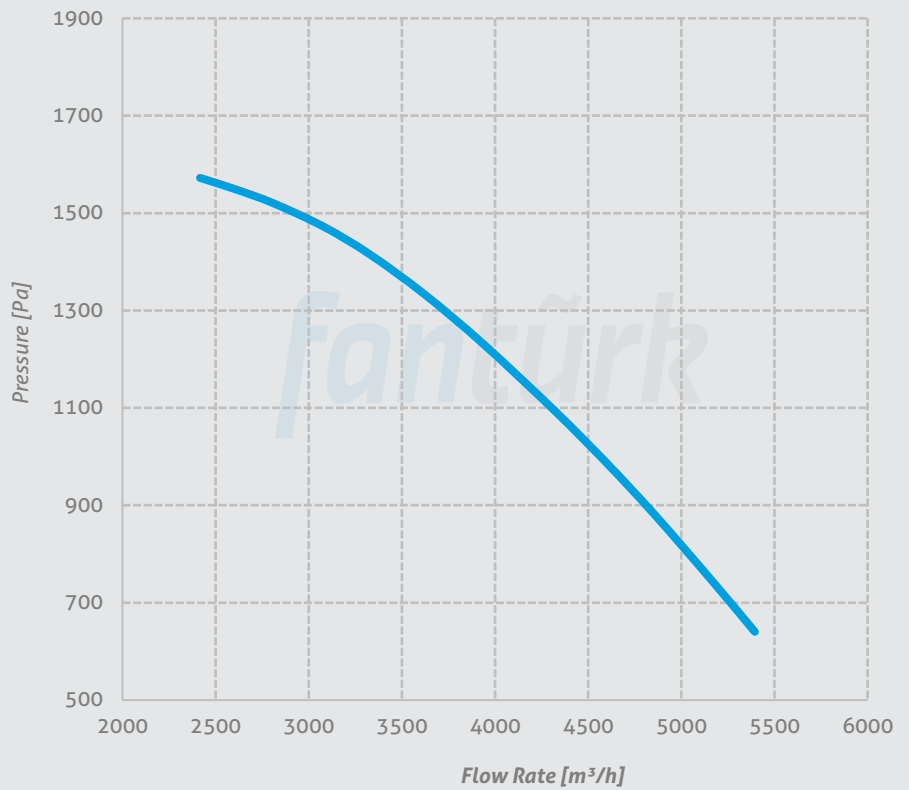
Voltage 380 V
Frequency 50 Hz
Motor Power 0,37 kW
Motor Speed 1360 rpm
Sound Pressure Level 65 dBA
Weight 59 kg



Performance Curves

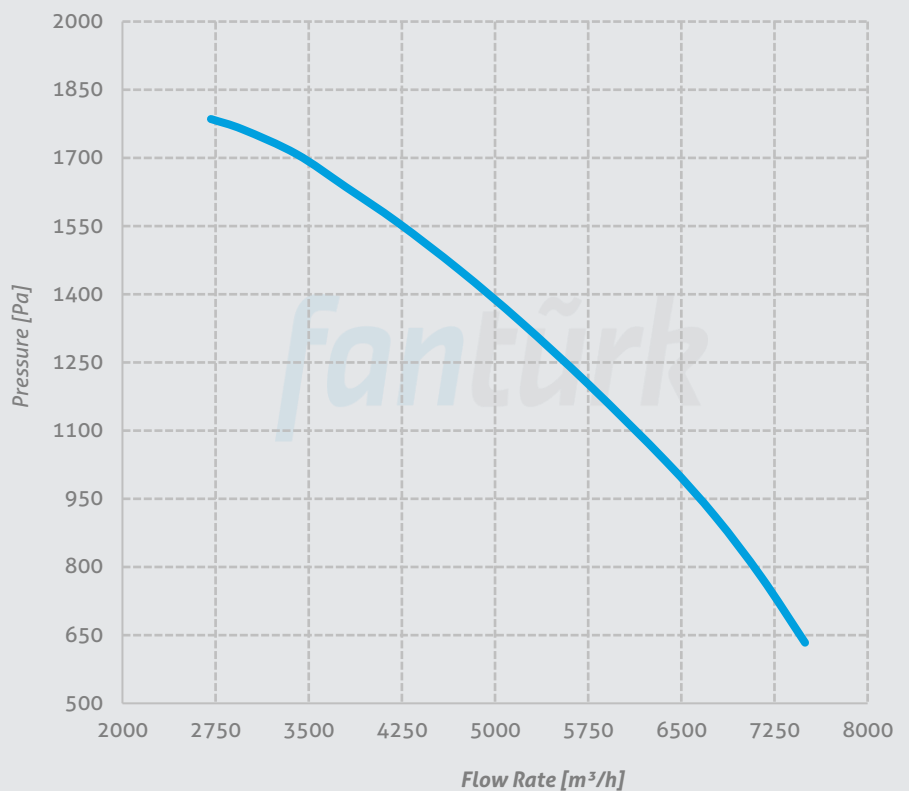
ABF 250/2,2

Voltage 380 V
Frequency 50 Hz
Motor Power 2,2 kW
Motor Speed 2850 rpm
Sound Pressure Level 77 dBA
Weight 68 kg



ABF 250/3

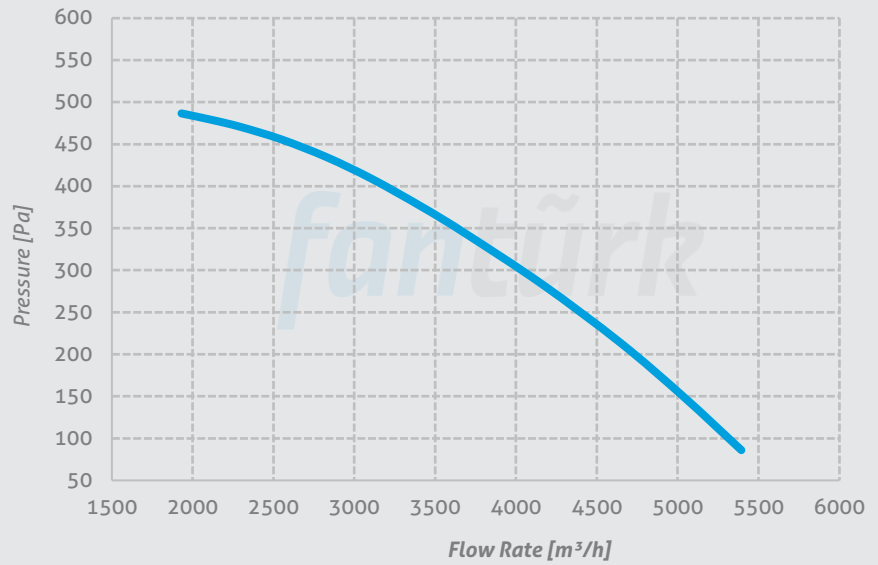
Voltage 380 V
Frequency 50 Hz
Motor Power 3 kW
Motor Speed 2900 rpm
Sound Pressure Level 78 dBA
Weight 74 kg



Performance Curves

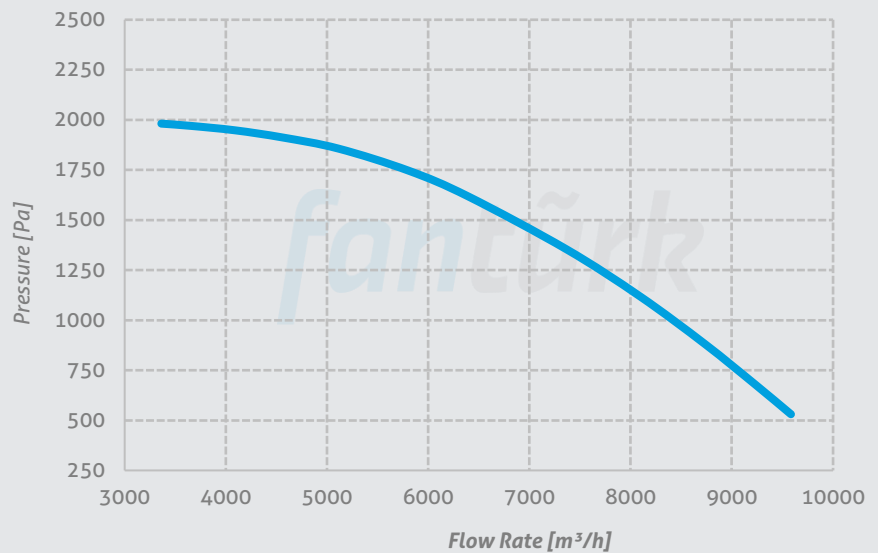
ABF 280/0,55

Voltage 380 V
Frequency 50 Hz
Motor Power 0,55 kW
Motor Speed 1370 rpm
Sound Pressure Level 67 dBA
Weight 71 kg



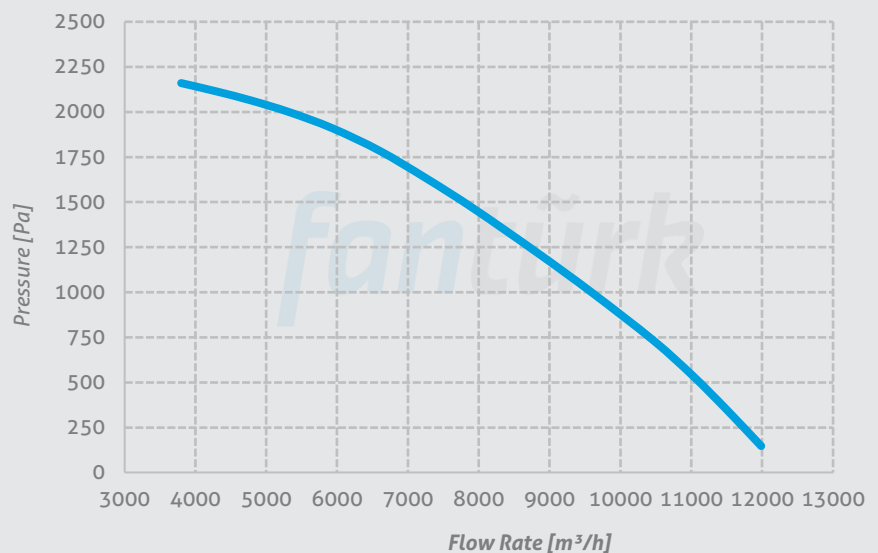
ABF 280/4

Voltage 380 V
Frequency 50 Hz
Motor Power 4 kW
Motor Speed 2900 rpm
Sound Pressure Level 79 dBA
Weight 86 kg



ABF 280/5,5

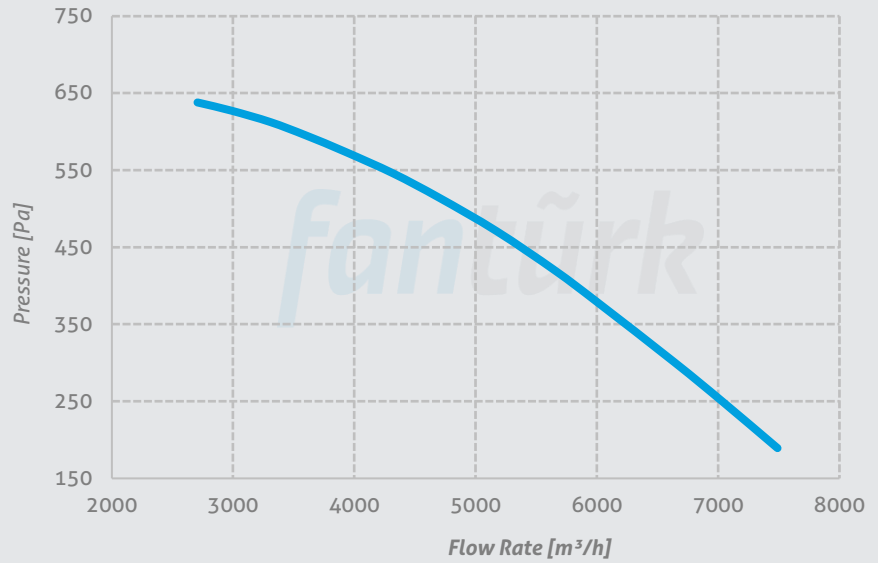
Voltage 380 V
Frequency 50 Hz
Motor Power 5,5 kW
Motor Speed 2900 rpm
Sound Pressure Level 82 dBA
Weight 102 kg



Performance Curves

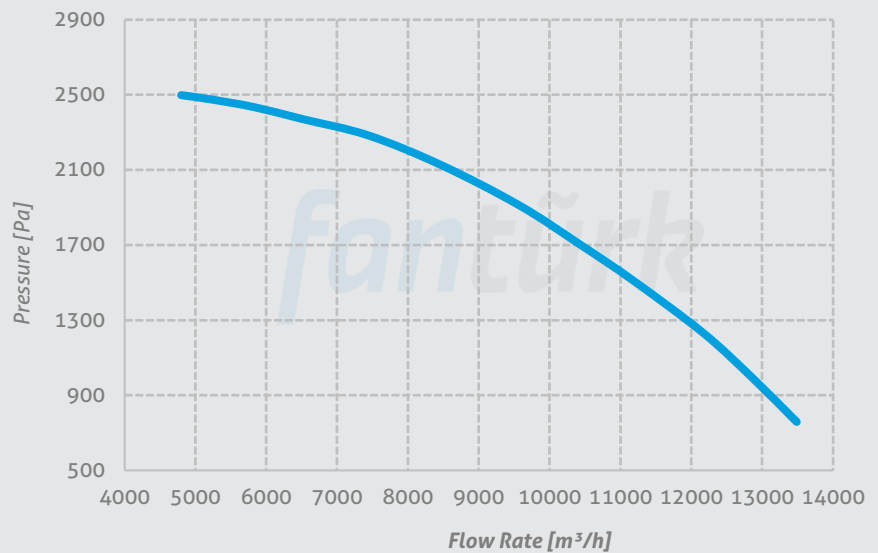
ABF 315/1,1

Voltage 380 V
Frequency 50 Hz
Motor Power 1,1 kW
Motor Speed 1390 rpm
Sound Pressure Level 70 dBA
Weight 94 kg



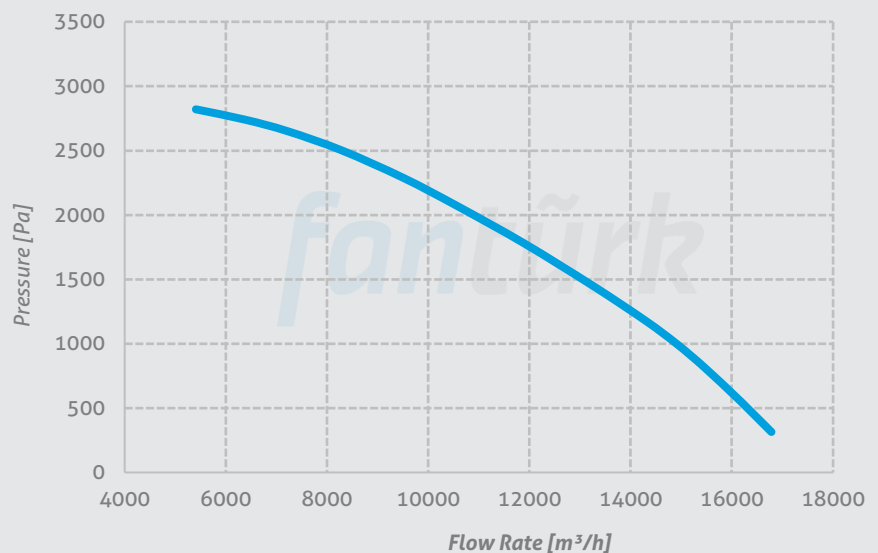
ABF 315/7,5

Voltage 380 V
Frequency 50 Hz
Motor Power 7,5 kW
Motor Speed 2900 rpm
Sound Pressure Level 84 dBA
Weight 125 kg



ABF 315/11

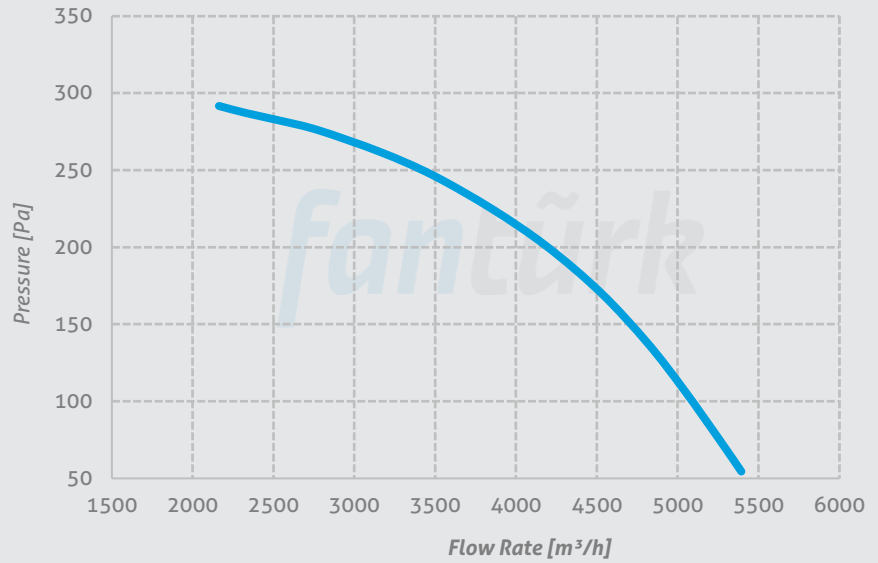
Voltage 380 V
Frequency 50 Hz
Motor Power 11 kW
Motor Speed 2930 rpm
Sound Pressure Level 85 dBA
Weight 166 kg



Performance Curves

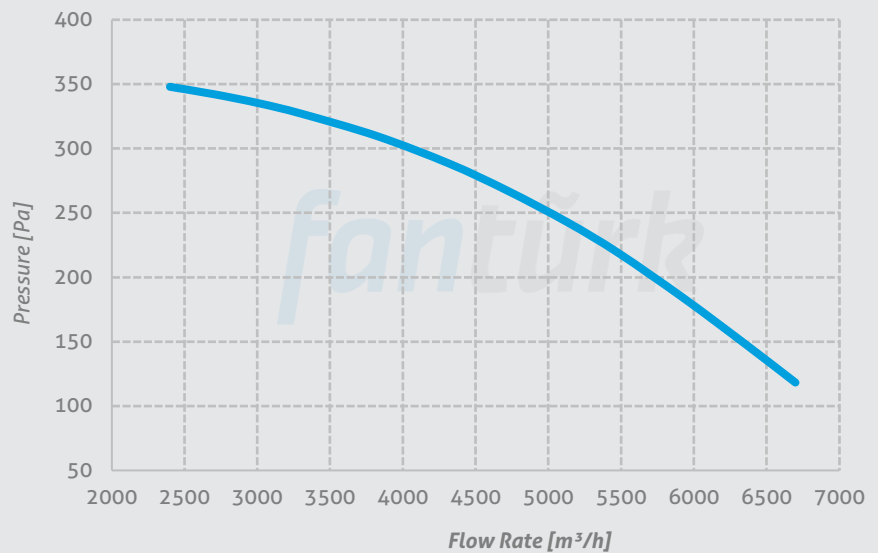
ABF 355/0,37

Voltage 380 V
Frequency 50 Hz
Motor Power 0,37 kW
Motor Speed 930 rpm
Sound Pressure Level 60 dBA
Weight 123 kg



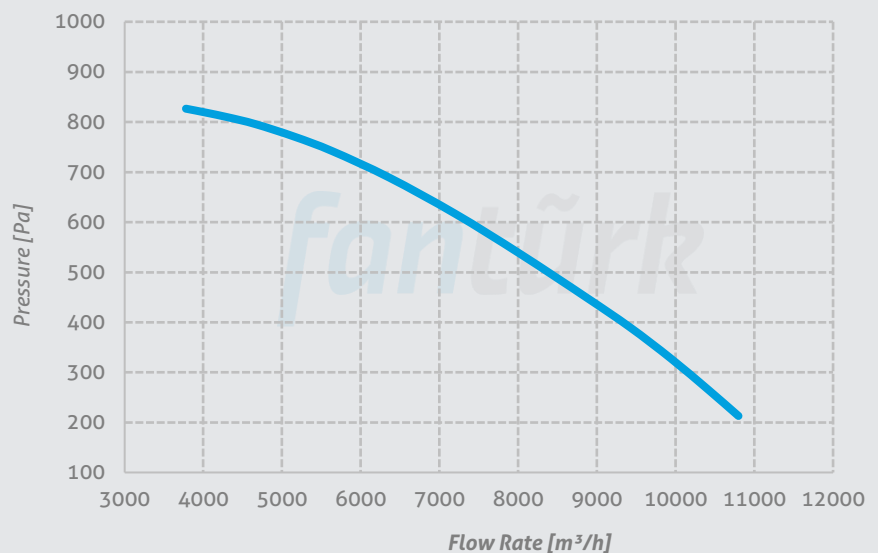
ABF 355/0,55

Voltage 380 V
Frequency 50 Hz
Motor Power 0,55 kW
Motor Speed 930 rpm
Sound Pressure Level 62 dBA
Weight 124 kg



ABF 355/2,2

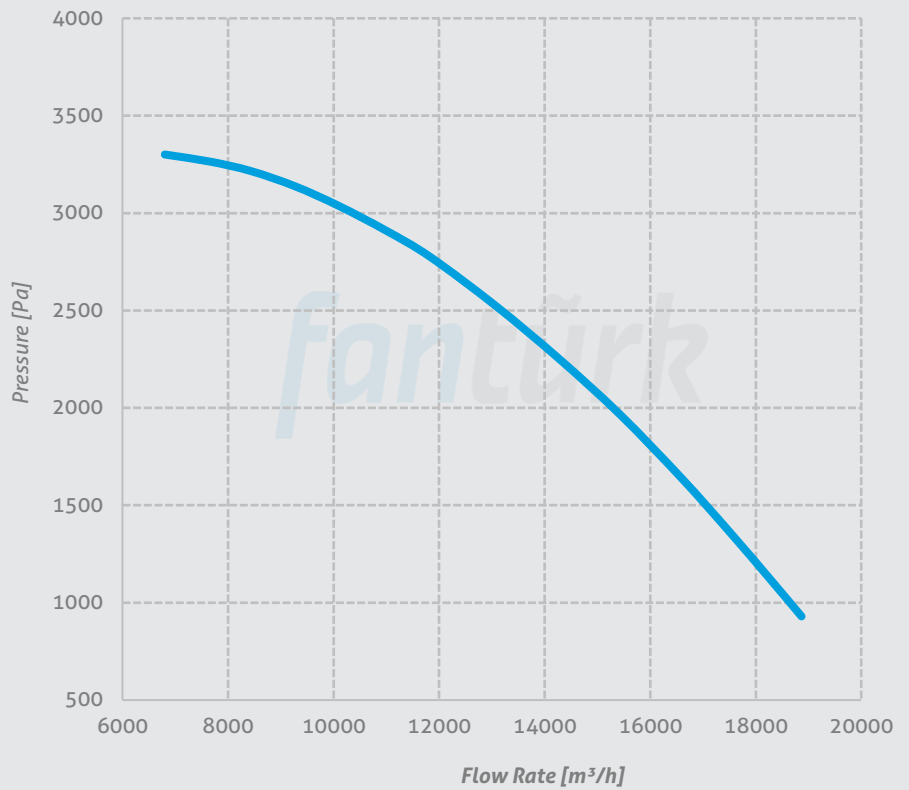
Voltage 380 V
Frequency 50 Hz
Motor Power 2,2 kW
Motor Speed 1420 rpm
Sound Pressure Level 72 dBA
Weight 137 kg



Performance Curves

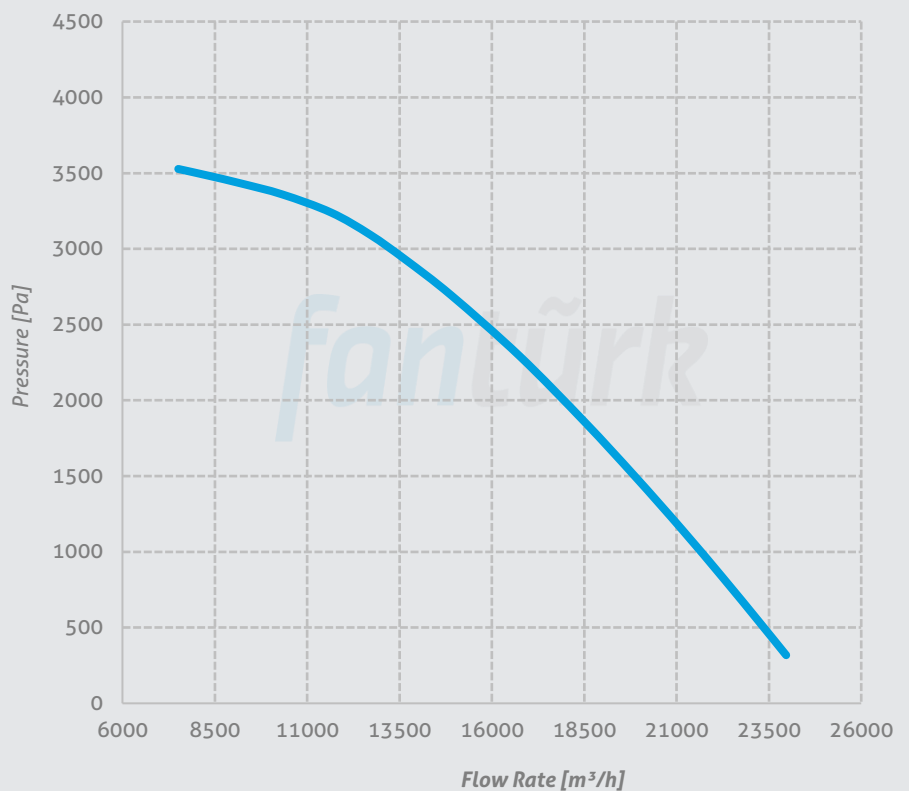
ABF 355/15

Voltage 380 V
Frequency 50 Hz
Motor Power 15 kW
Motor Speed 2935 rpm
Sound Pressure Level 79 dBA
Weight 204 kg



ABF 355/18,5

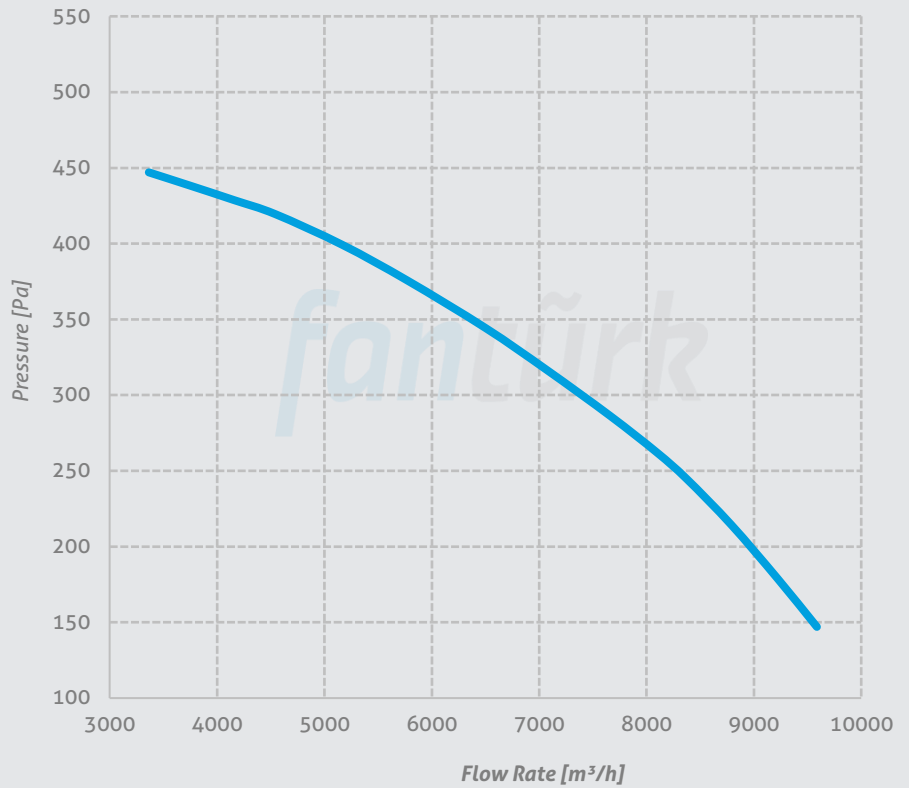
Voltage 380 V
Frequency 50 Hz
Motor Power 18,5 kW
Motor Speed 2935 rpm
Sound Pressure Level 82 dBA
Weight 237 kg



Performance Curves

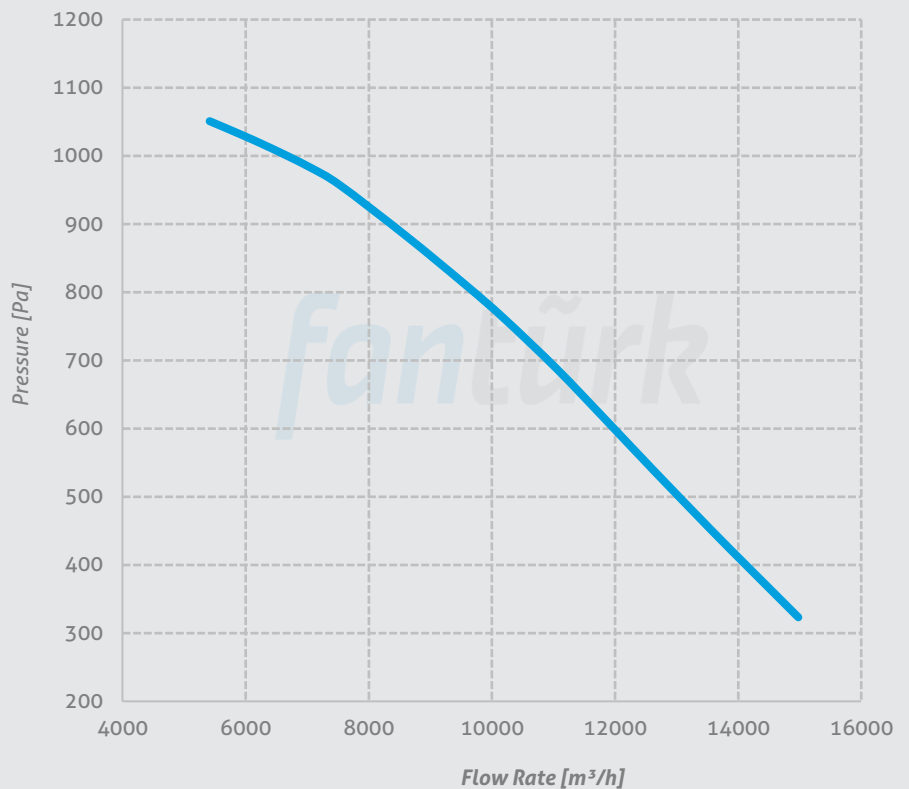
ABF 400/1,1

Voltage 380 V
Frequency 50 Hz
Motor Power 1,1 kW
Motor Speed 930 rpm
Sound Pressure Level 65 dBA
Weight 130 kg



ABF 400/4

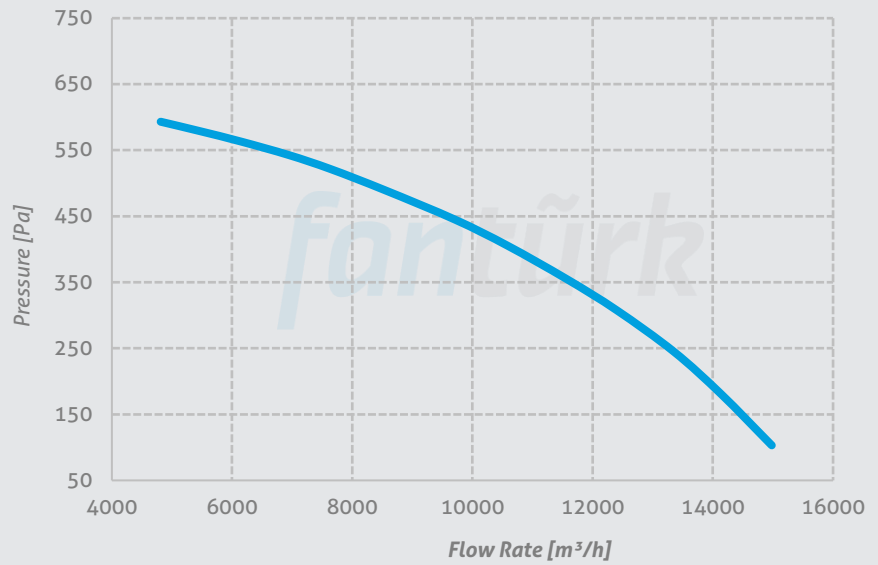
Voltage 380 V
Frequency 50 Hz
Motor Power 4 kW
Motor Speed 1430 rpm
Sound Pressure Level 73 dBA
Weight 151 kg



Performance Curves

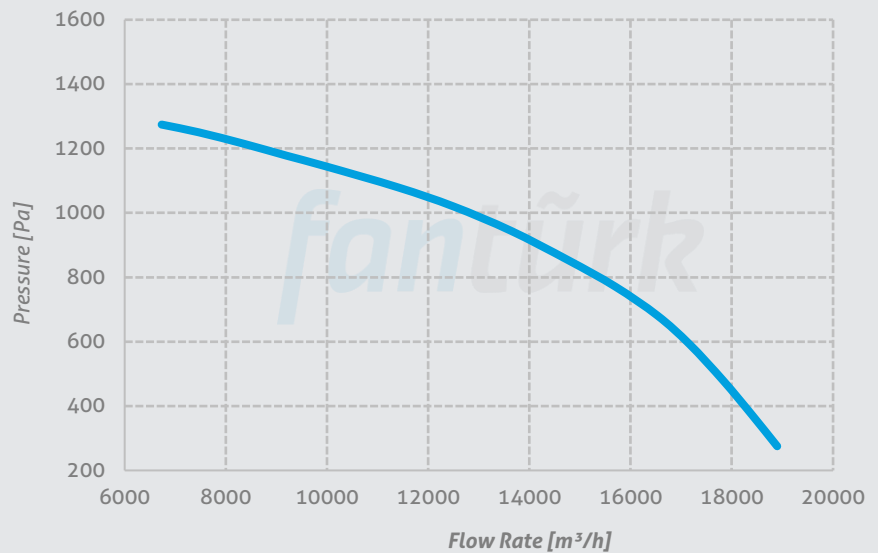
ABF 450/2,2

Voltage 380 V
Frequency 50 Hz
Motor Power 2,2 kW
Motor Speed 950 rpm
Sound Pressure Level 68 dBA
Weight 181 kg



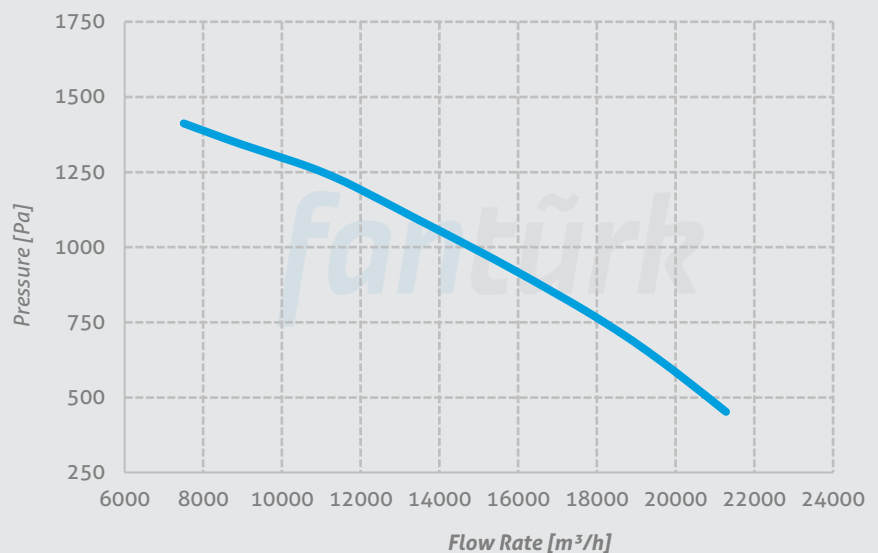
ABF 450/5,5

Voltage 380 V
Frequency 50 Hz
Motor Power 5,5 kW
Motor Speed 1440 rpm
Sound Pressure Level 75 dBA
Weight 198 kg



ABF 450/7,5

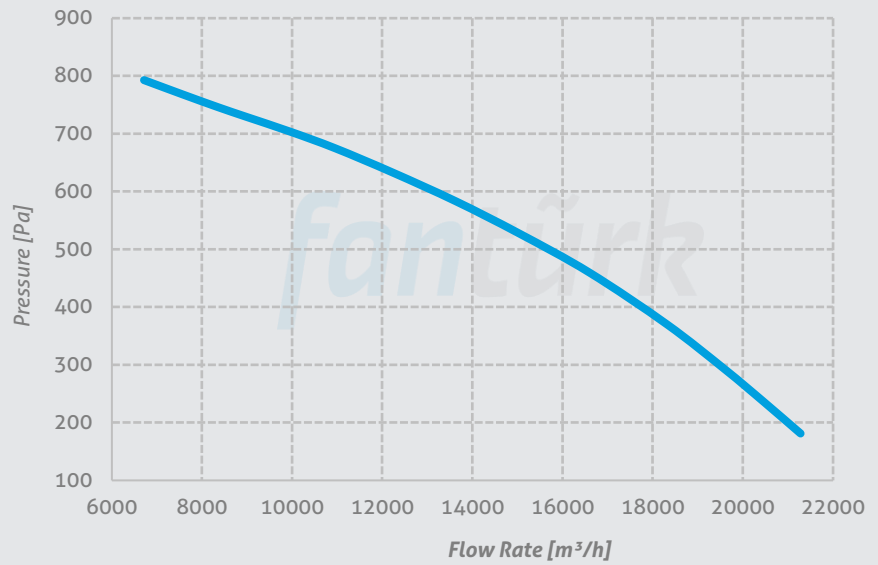
Voltage 380 V
Frequency 50 Hz
Motor Power 7,5 kW
Motor Speed 1450 rpm
Sound Pressure Level 76 dBA
Weight 208 kg



Performance Curves

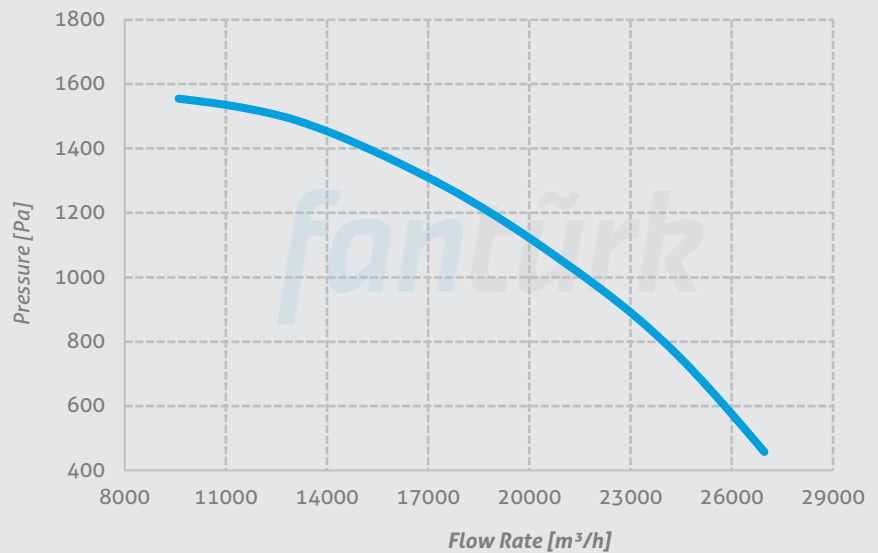
ABF 500/4

Voltage 380 V
Frequency 50 Hz
Motor Power 4 kW
Motor Speed 960 rpm
Sound Pressure Level 71 dBA
Weight 246 kg



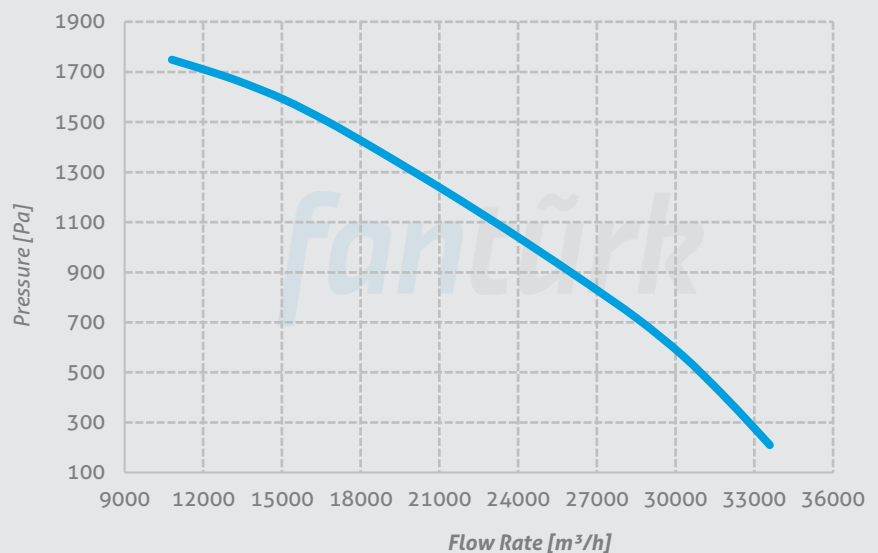
ABF 500/11

Voltage 380 V
Frequency 50 Hz
Motor Power 11 kW
Motor Speed 1460 rpm
Sound Pressure Level 78 dBA
Weight 296 kg



ABF 500/15

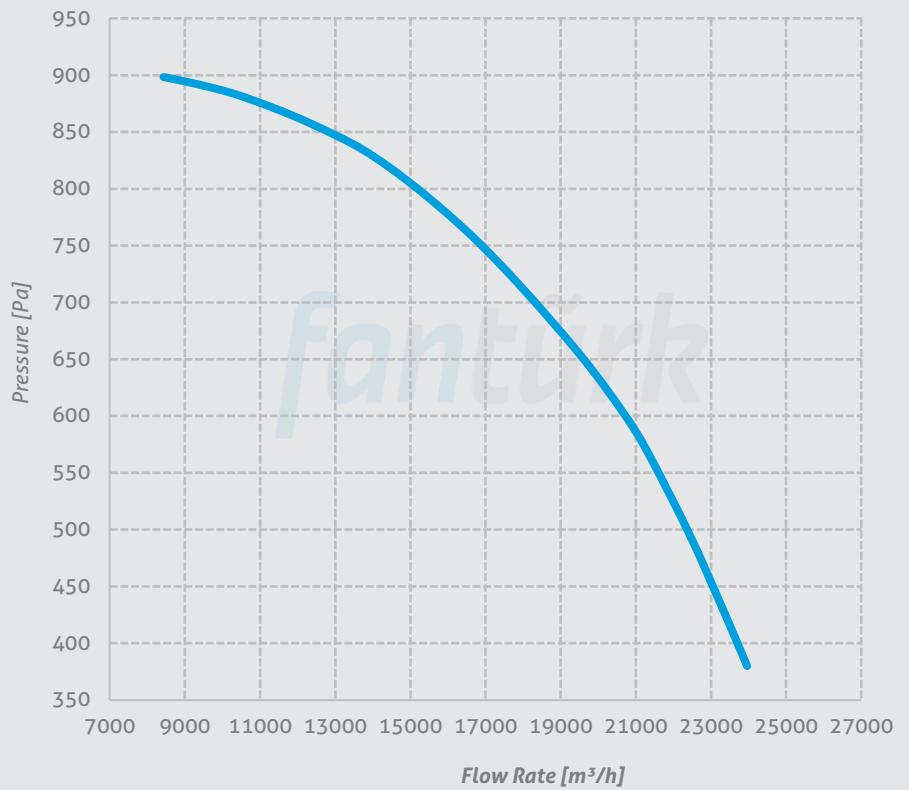
Voltage 380 V
Frequency 50 Hz
Motor Power 15 kW
Motor Speed 1460 rpm
Sound Pressure Level 79 dBA
Weight 302 kg



Performance Curves

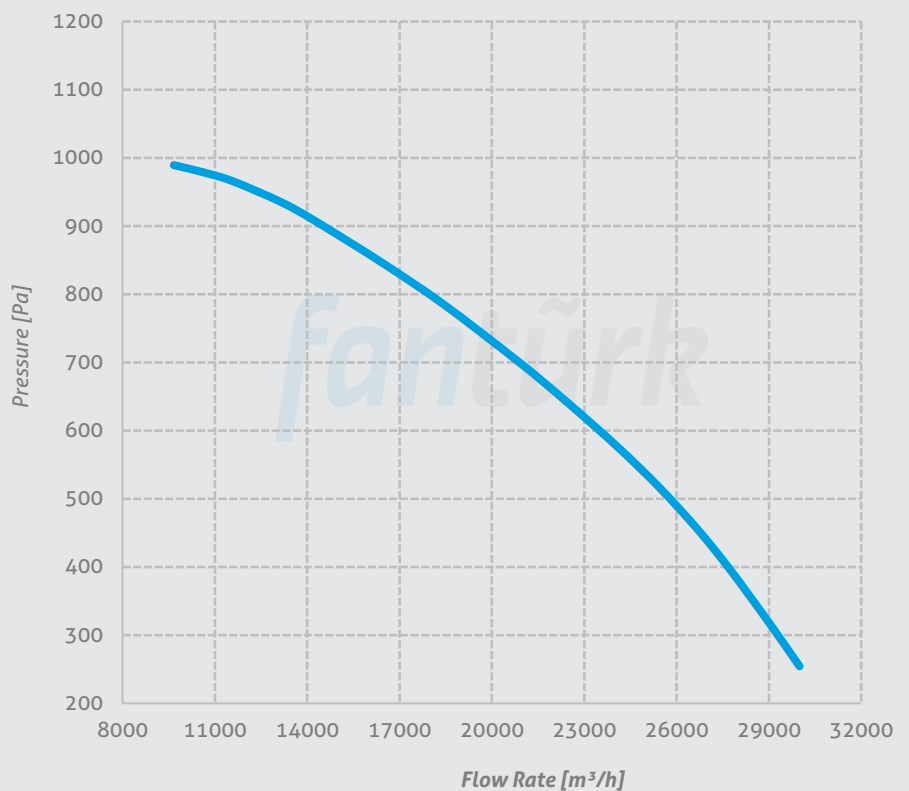
ABF 560/5,5

Voltage 380 V
Frequency 50 Hz
Motor Power 5,5 kW
Motor Speed 950 rpm
Sound Pressure Level 74 dBA
Weight 315 kg



ABF 560/7,5

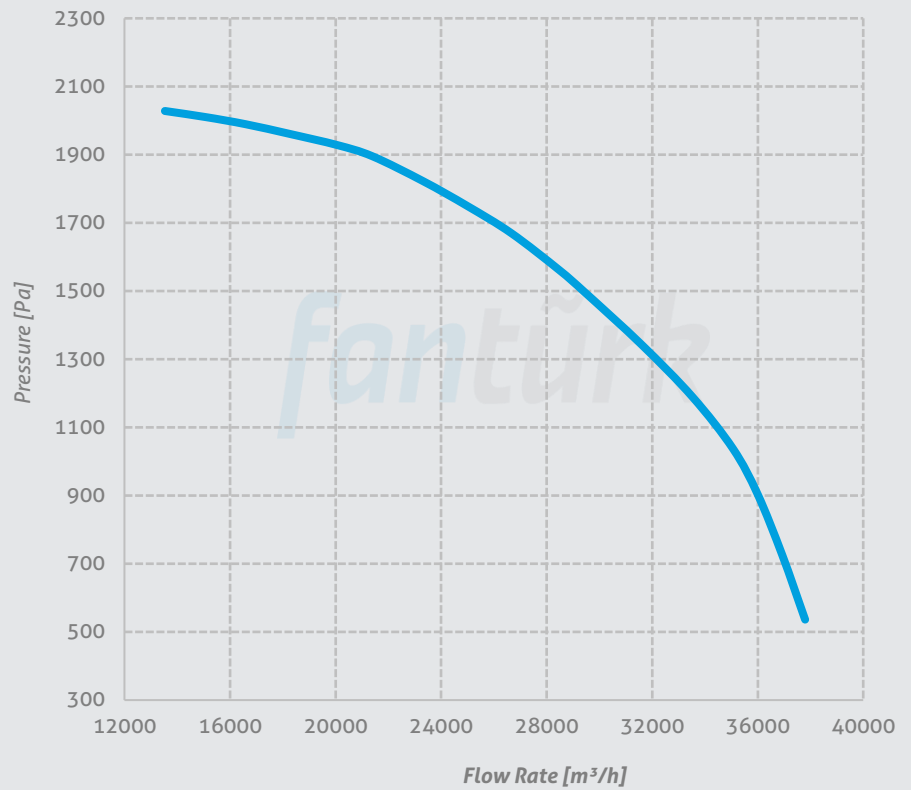
Voltage 380 V
Frequency 50 Hz
Motor Power 7,5 kW
Motor Speed 960 rpm
Sound Pressure Level 75 dBA
Weight 349 kg



Performance Curves

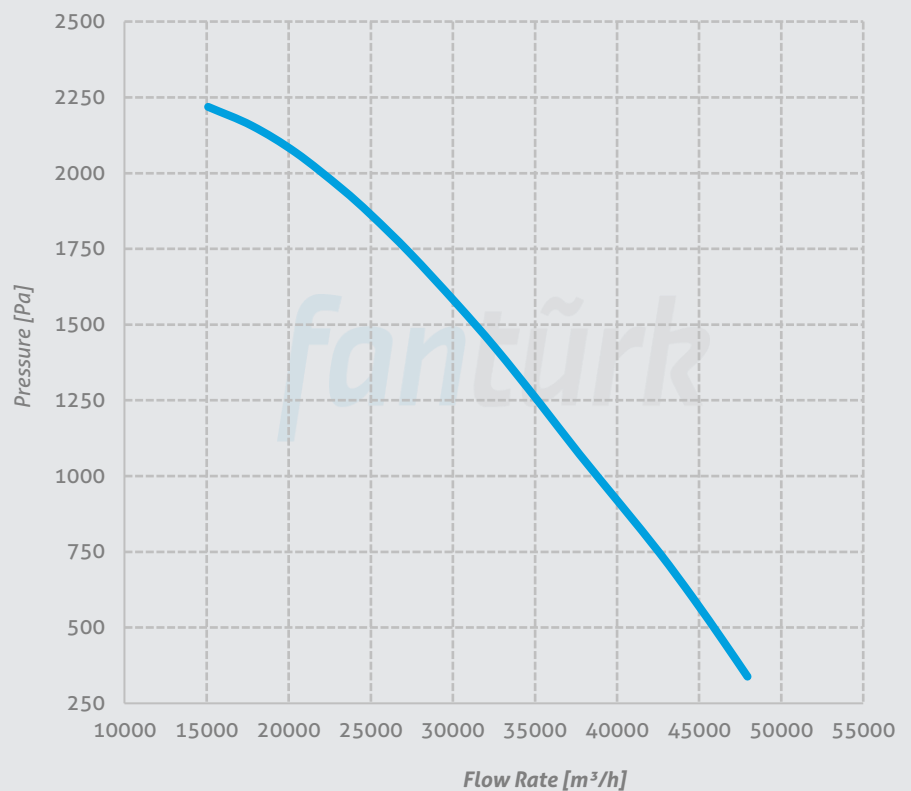
ABF 560/18,5

Voltage 380 V
Frequency 50 Hz
Motor Power 18,5 kW
Motor Speed 1460 rpm
Sound Pressure Level 82 dBA
Weight 416 kg



ABF 560/22

Voltage 380 V
Frequency 50 Hz
Motor Power 22 kW
Motor Speed 1460 rpm
Sound Pressure Level 83 dBA
Weight 426 kg



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

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

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