

BPF

INDUSTRIAL RADIAL FANS / PLUG / Backward Curved

Fan Components and Material Properties

The body is made of high quality galvanized steel which is resistant to corrosion. Fan blades are manufactured from electrostatic powder coated, backward curved and streamlined. The motor and fan impeller are connected to the main body by a steel base. All models have asynchronous motor. The motors are out of the air flow and can be optionally supplied without motors.

Fan Structure

The fan blades have optimum aerodynamic design to provide backward curved and regular flow. Made of welded fan blades.

Benefits

BPF (Spool Plug Fan) has a compact design with base and motor. Aerodynamic and acoustic sound insulation are at optimum value. Easy to clean and can be shot from all directions. Speed adjustable with speed control devices.

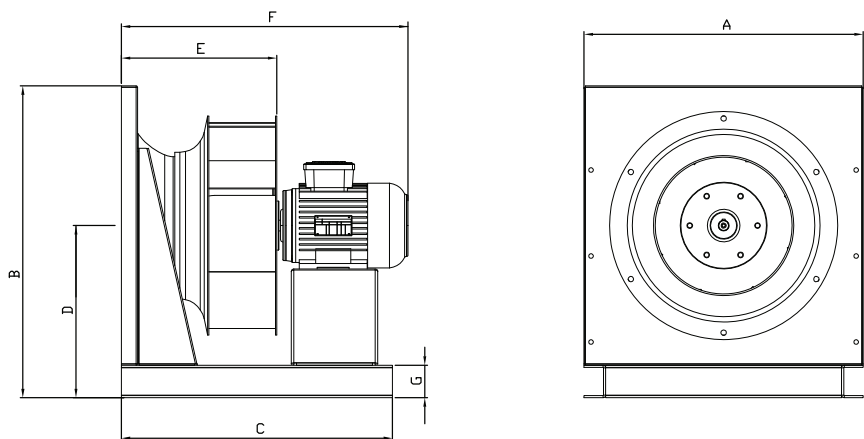
Speed Control

Optional control devices can be provided. Speed control with frequency inverter can be done in 3-phase products (see BSC-F accessory)

Usage Areas

In industrial ventilation applications, air conditioners etc. used in places.

Technical Drawing and Tables

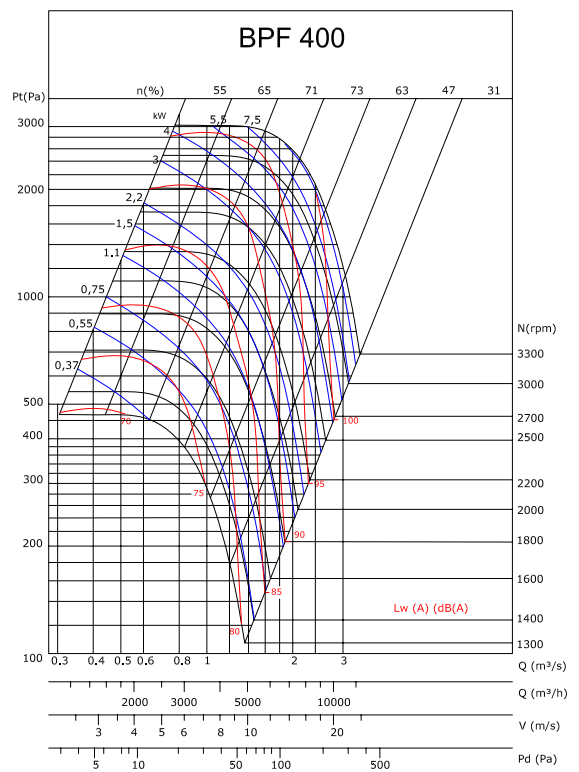
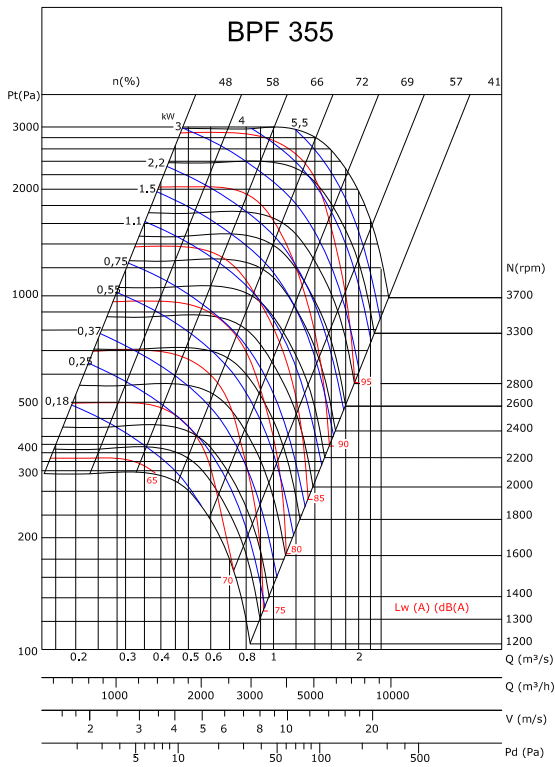
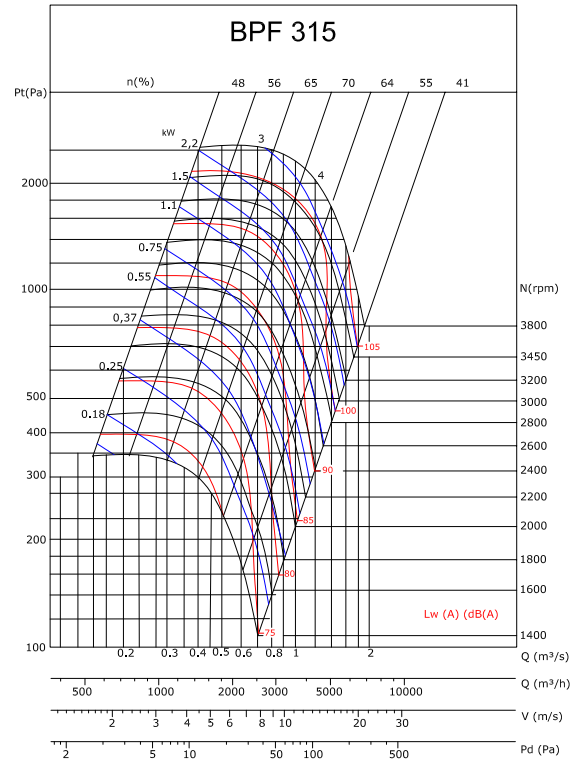
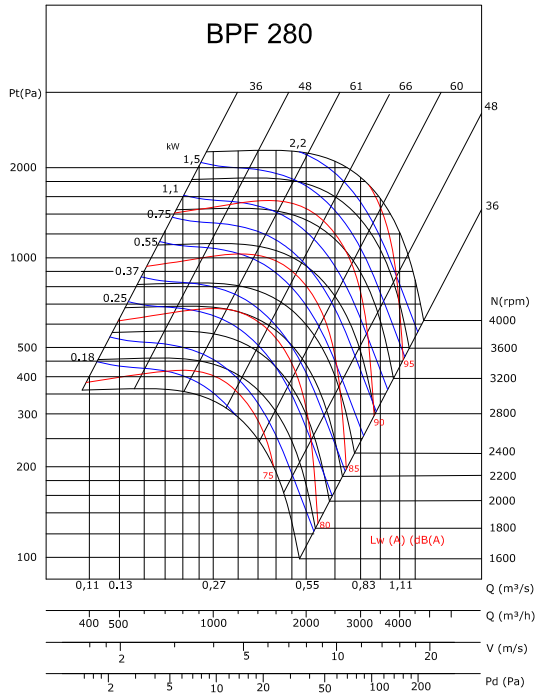


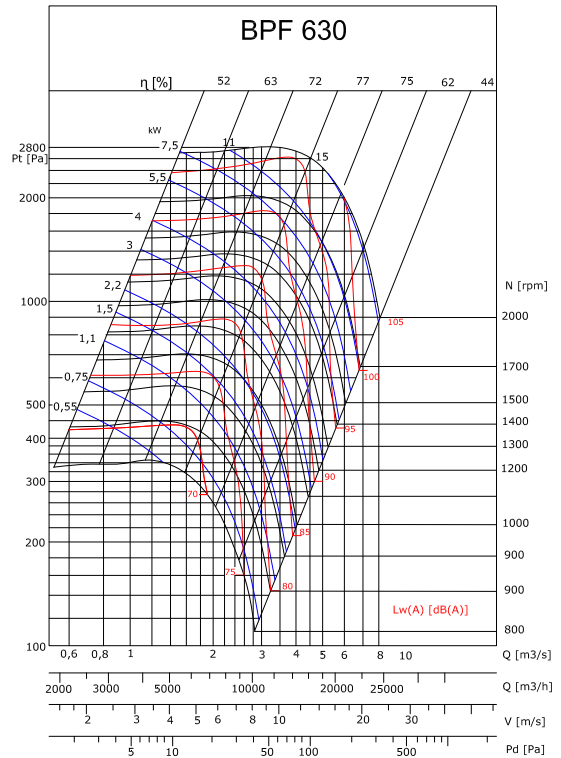
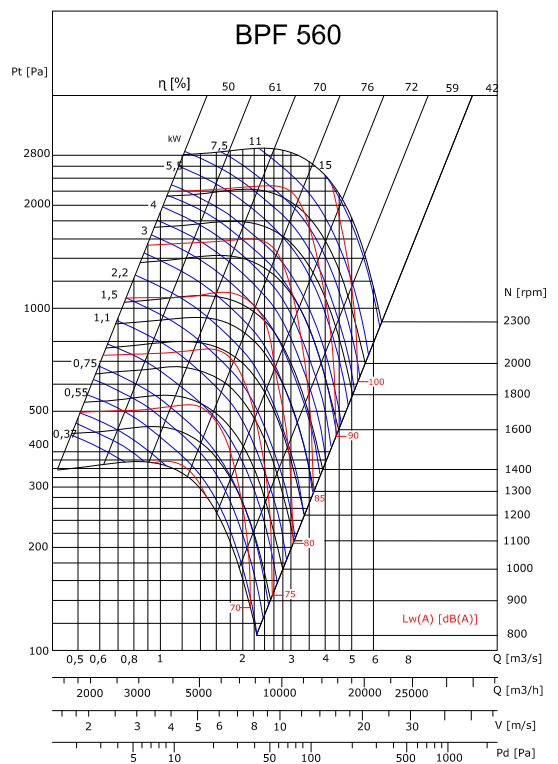
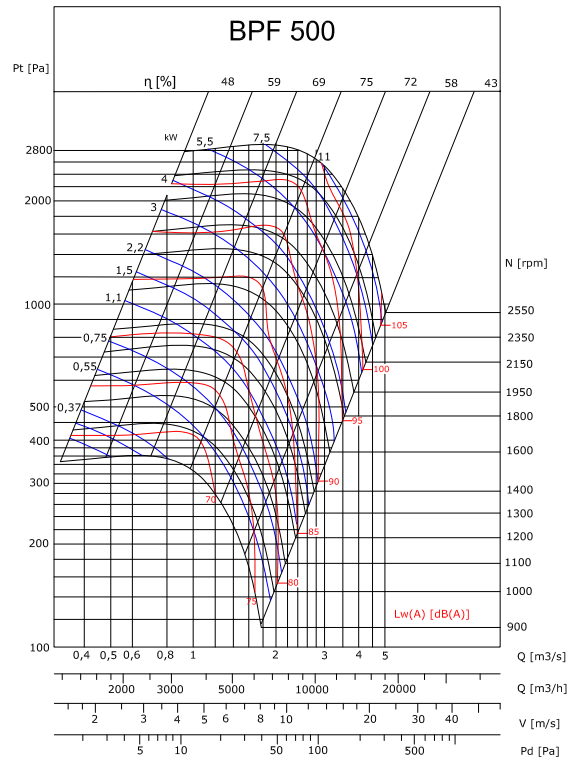
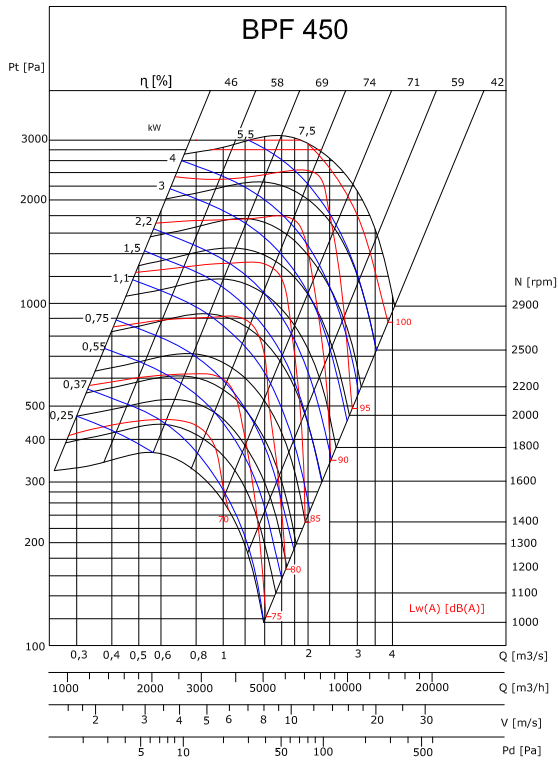
TYPE	A	B	C	D	E	F	G
BPF 280 (0,75)	390	440	450	245	210	435	50
BPF 315 (1,5)	430	490	480	275	235	480	60
BPF 355 (3)	470	530	500	295	260	565	60
BPF 400 (4)	515	575	600	318	285	650	60
BPF 450 (7,5)	582	642	600	351	315	705	60
BPF 500 (3)	645	705	650	383	350	680	60
BPF 560 (4)	715	775	700	418	385	705	60
BPF 630 (7,5)	800	863	865	463	403	850	60

Dimensions are in (mm)

TYPE	VOLTAGE	FREQUENCY	POWER	SPEED	AIR FLOW	PRESSURE
	V	Hz	kW	r.p.m	m ³ /h	dB(A)
BPF 280 (0,75)	230/380	50	0,75	2800	2500	550
BPF 315 (1,5)	230/380	50	1,5	2800	4000	700
BPF 355 (3)	380	50	3	2800	6000	800
BPF 400 (4)	380	50	4	2800	8000	800
BPF 450 (7,5)	380	50	7,5	2800	12000	900
BPF 500 (3)	380	50	3	1400	10000	380
BPF 560 (4)	380	50	4	1400	14000	400
BPF 630 (7,5)	380	50	7,5	1400	20000	800

Sound Level Measured from 3m distance in room condition.





Accessories



BSC-F



BTY



BDEB