



## BSMS-BSTS

### INDUSTRIAL AXIAL FANS

#### Fan Components and Material Properties

Body and propeller are made of electrostatic powder coated sheet metal. The axial flaps are produced in an aerodynamic manner to ensure a smooth flow. The protective wire mesh is made of steel with electrostatic powder coating. The motor and fan impeller are connected to the main body by steel carriers.

#### Benefits

Thanks to their ideal wing angles, they achieve high air flow at minimum sound levels despite their small size. It has a compact design in high flow. Thanks to its square frames, it is easy to install on the wall and window.

#### Speed Control

Optional control devices can be provided.

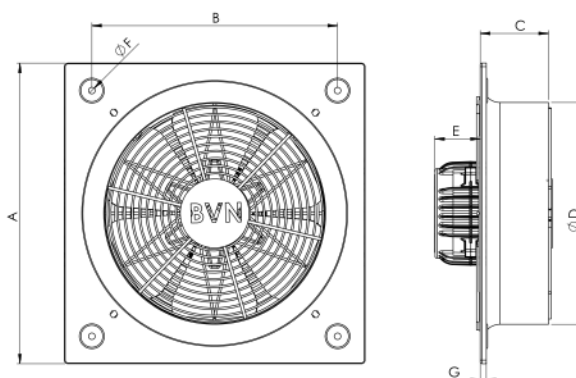
1~phase products with linear voltage regulator speed control can be done. (see BSC accessory)

3~phase products can be controlled by frequency inverter (see BSC-F accessory).

#### Usage Areas

Factories, warehouses, paint shops, shopping centers, etc. used for the ventilation of high volume places.

#### Technical Drawing and Tables

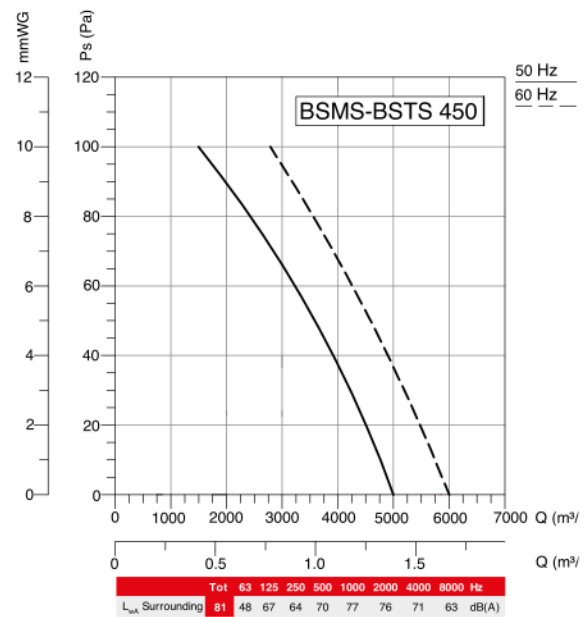
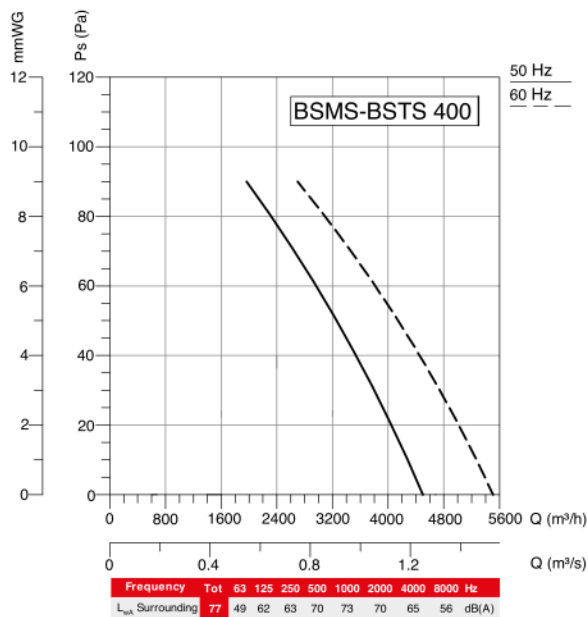
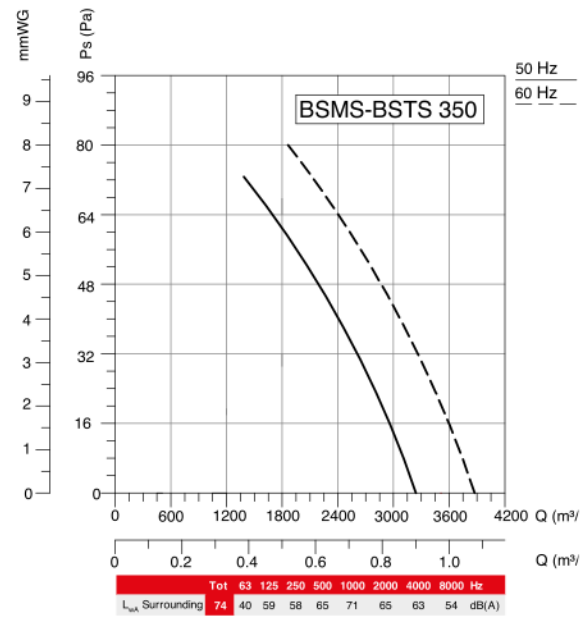
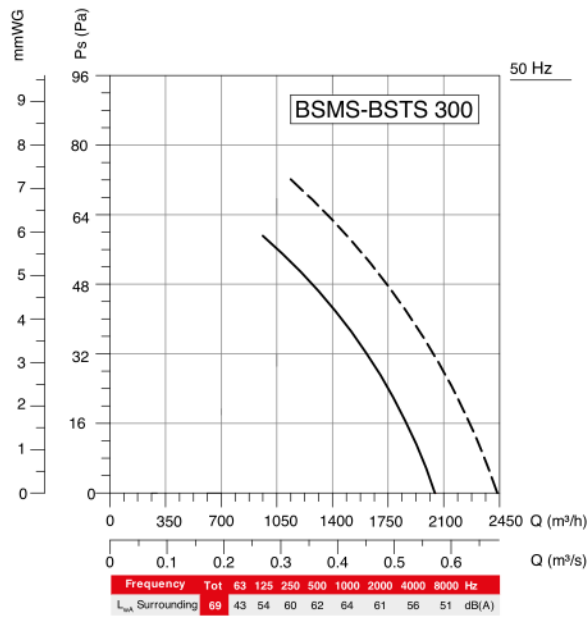
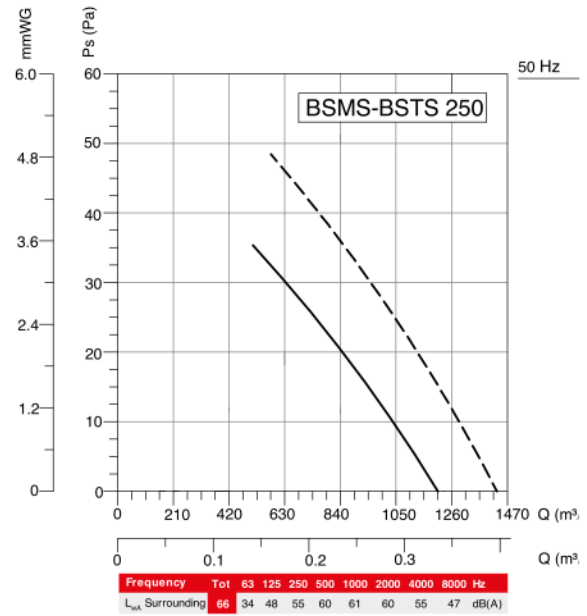
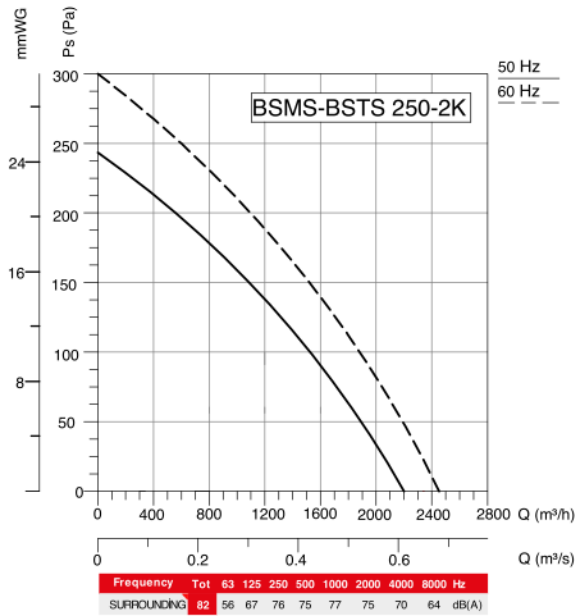


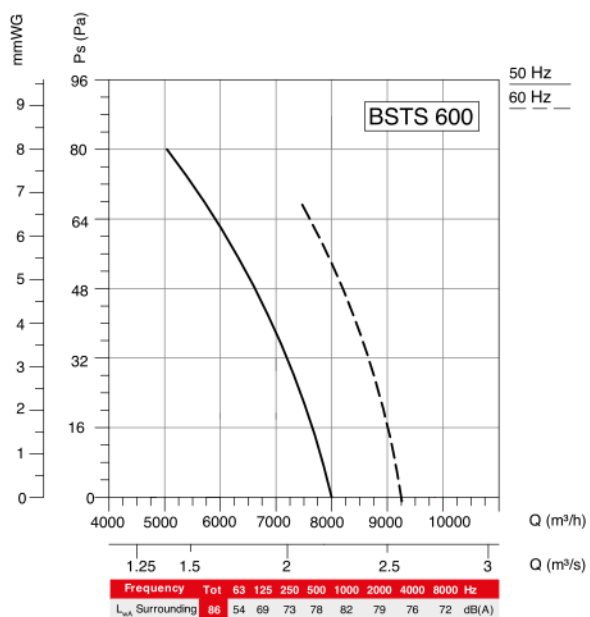
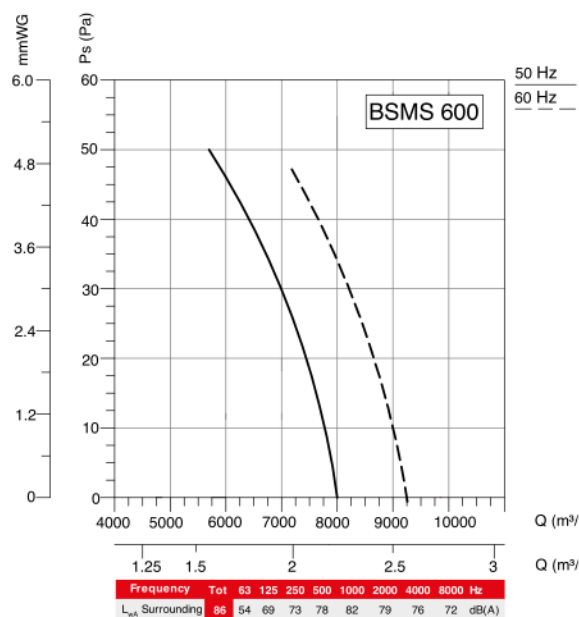
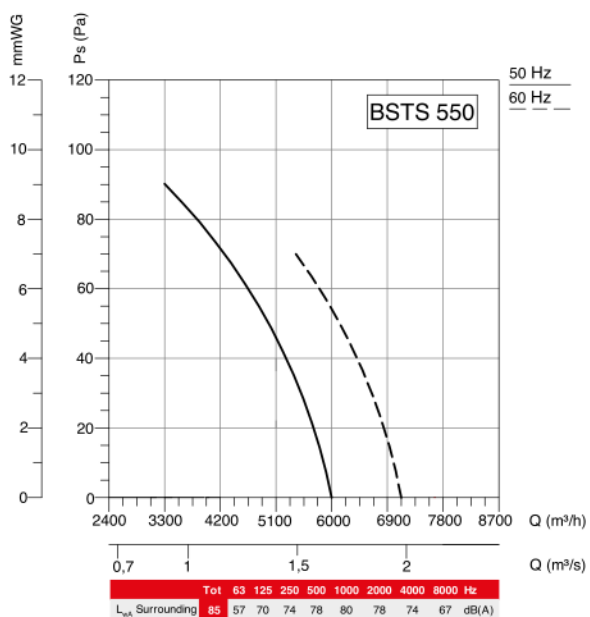
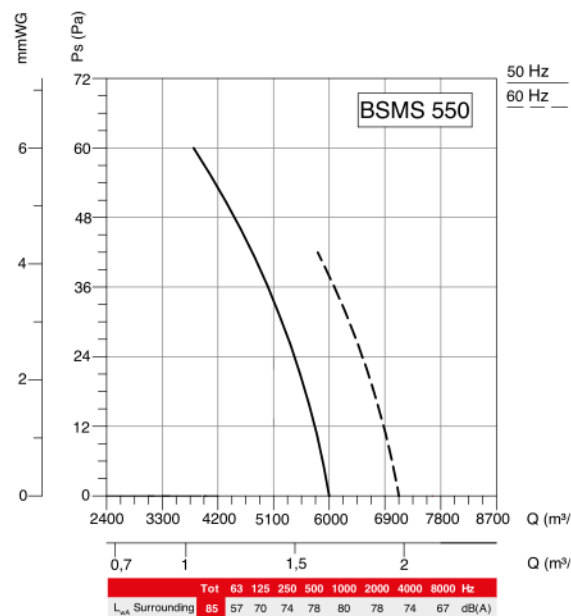
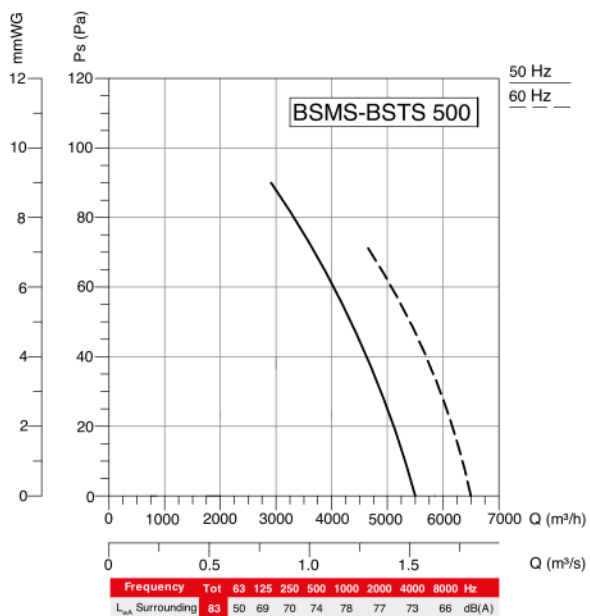
| TYPE                      | A   | B   | C   | D   | E   | F | G  |
|---------------------------|-----|-----|-----|-----|-----|---|----|
| BSMS 250 / BSTS 250       | 333 | 275 | 80  | 261 | 80  | 8 | 10 |
| BSMS 300 / BSTS 300       | 412 | 336 | 80  | 307 | 80  | 8 | 10 |
| BSMS 350 / BSTS 350       | 465 | 390 | 90  | 365 | 80  | 8 | 10 |
| BSMS 400 / BSTS 400       | 500 | 420 | 100 | 403 | 80  | 8 | 10 |
| BSMS 450 / BSTS 450       | 560 | 480 | 105 | 462 | 80  | 8 | 10 |
| BSMS 500 / BSTS 500       | 630 | 561 | 110 | 513 | 90  | 8 | 10 |
| BSMS 550 / BSTS 550       | 660 | 585 | 145 | 565 | 135 | 8 | 10 |
| BSMS 600 / BSTS 600       | 700 | 631 | 145 | 612 | 135 | 8 | 10 |
| BSMS 250-2K / BSTS 250-2K | 333 | 275 | 80  | 261 | 80  | 8 | 10 |

Dimensions are in (mm)

| TYPE        | VOLTAGE | FREQUENCY | POWER   | CURRENT   | CAPACITOR | SPEED     | AIR FLOW  | MAX.BACK PRESSURE | SOUND PRESSURE | INSULATION CLASS | PROTECTION CLASS | WEIGHT |
|-------------|---------|-----------|---------|-----------|-----------|-----------|-----------|-------------------|----------------|------------------|------------------|--------|
|             | V       | Hz        | W       | (A)       | (µF)      |           |           |                   |                |                  |                  |        |
| BSMS 250-2K | 230     | 50        | 150/190 | 1/0,85    | 8         | 2900/3250 | 2200/2465 |                   | 61             | B                | 44               | 6,3    |
| BSMS 250    | 230     | 50/60     | 125     | 0,60      | 3         | 1450/1740 | 1200/1440 | 36/48             | 45             | B                | 44               | 6      |
| BSMS 300    | 230     | 50/60     | 165     | 0,79      | 3         | 1450/1740 | 2000/2400 | 60/70             | 48             | B                | 44               | 7      |
| BSMS 350    | 230     | 50/60     | 210     | 0,92      | 3         | 1450/1740 | 3250/3900 | 75/80             | 53             | B                | 44               | 8,2    |
| BSMS 400    | 230     | 50/60     | 220     | 0,97      | 6         | 1450/1740 | 4500/5400 | 90/90             | 56             | B                | 44               | 9      |
| BSMS 450    | 230     | 50/60     | 300     | 1,32      | 6         | 1450/1740 | 5000/6000 | 100/100           | 60             | B                | 44               | 9,6    |
| BSMS 500    | 230     | 50/60     | 320     | 1,40      | 6         | 1435/1700 | 5500/6500 | 90/70             | 62             | B                | 44               | 11     |
| BSMS 550    | 230     | 50/60     | 375     | 1,65      | 6         | 1425/1650 | 6000/6965 | 60/40             | 63             | B                | 44               | 15,3   |
| BSMS 600    | 230     | 50/60     | 390     | 1,71      | 6         | 1425/1650 | 8000/9285 | 50/45             | 65             | B                | 44               | 15,6   |
| BSTS 250-2K | 230     | 50/60     | 110/140 | 0,87/1,05 | -         | 2900/3250 | 2200/2465 |                   | 61             | B                | 44               | 6,3    |
| BSTS 250    | 380     | 50/60     | 95      | 0,35      | -         | 1450/1740 | 1200/1440 | 36/48             | 45             | B                | 44               | 6      |
| BSTS 300    | 380     | 50/60     | 145     | 0,40      | -         | 1450/1740 | 2000/2400 | 60/70             | 48             | B                | 44               | 7      |
| BSTS 350    | 380     | 50/60     | 230     | 0,44      | -         | 1450/1740 | 3250/3900 | 75/80             | 53             | B                | 44               | 8,2    |
| BSTS 400    | 380     | 50/60     | 250     | 0,47      | -         | 1450/1740 | 4500/5400 | 90/90             | 56             | B                | 44               | 9      |
| BSTS 450    | 380     | 50/60     | 270     | 0,55      | -         | 1450/1740 | 5000/6000 | 100/100           | 60             | B                | 44               | 9,6    |
| BSTS 500    | 380     | 50/60     | 340     | 0,60      | -         | 1435/1700 | 5500/6500 | 90/70             | 62             | B                | 44               | 11     |
| BSTS 550    | 380     | 50/60     | 385     | 0,70      | -         | 1425/1650 | 6000/6965 | 90/70             | 63             | B                | 44               | 15,3   |
| BSTS 600    | 380     | 50/60     | 395     | 0,72      | -         | 1425/1650 | 8000/9285 | 80/70             | 65             | B                | 44               | 15,6   |

The sound level is measured at a distance of 3 m in open field condition.





### Accessories



BSC



BSC-F



BASP