

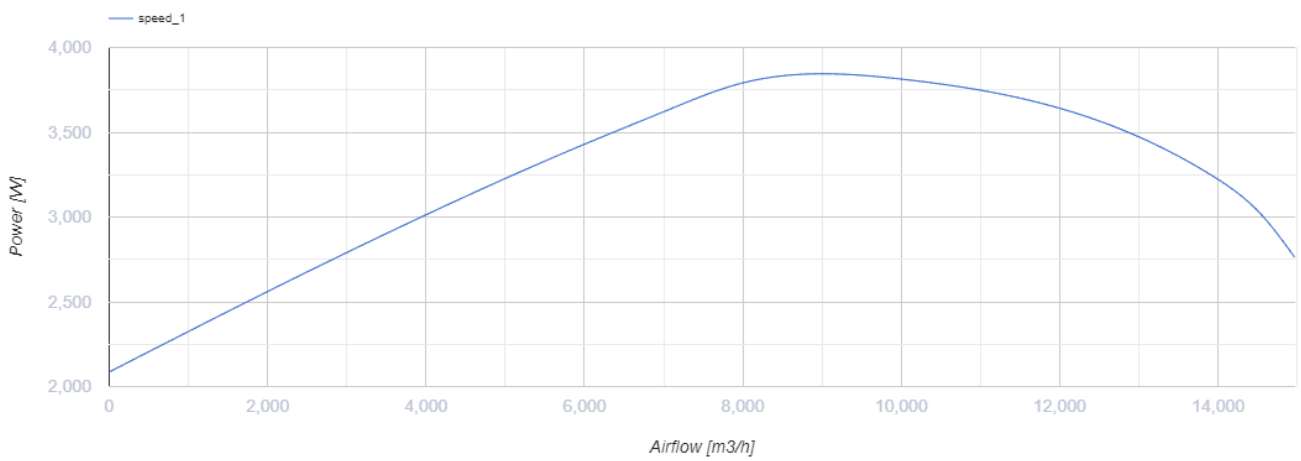
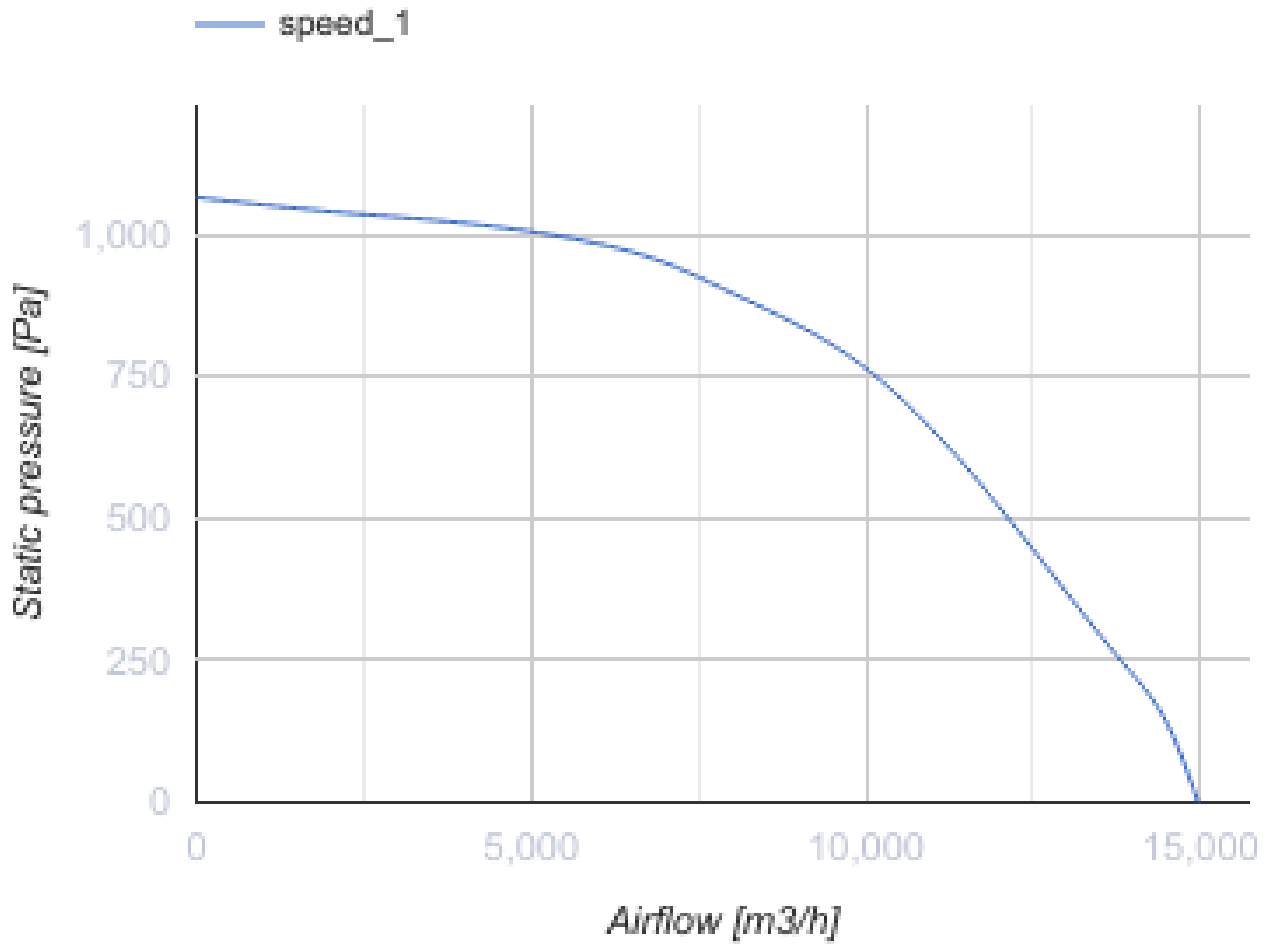
Box 100x50 4D

Centrifugal inline fans with backward curved blades



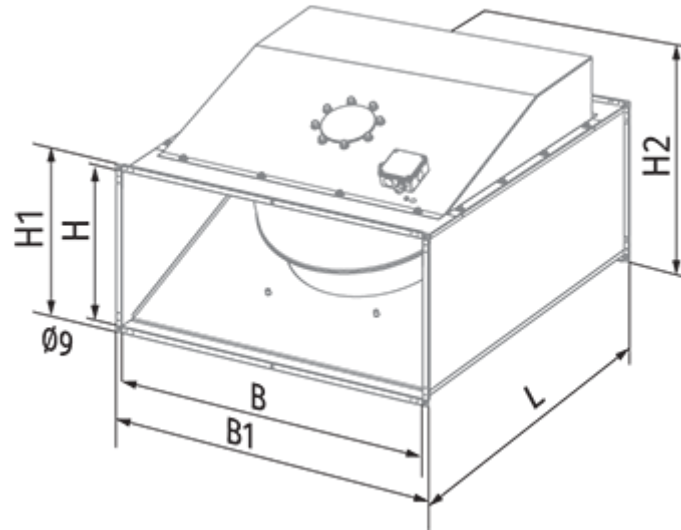
- Maximum airflow: 15000
- Sound pressure level LpA at 3 m: 70
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

| | Unit of measurement | Box 100x50 4D |
|--|---------------------|---------------|
| Connected air duct size | mm | 1000x500 |
| Minimum supply voltage | V | 400 |
| Maximum supply voltage | V | 400 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 4300 |
| Unit current | A | 6.8 |
| Maximum airflow | m ³ /h | 15000 |
| Sound pressure level LpA at 3 m | dB(A) | 70 |
| Weight | kg | 126 |
| Transported air temperature (max) | °C | 60 |
| Transported air temperature (min) | °C | -30 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP44 |



Dimensions

| B | B1 | H | H1 | H2 | L |
|------|------|-----|-----|-----|------|
| 1000 | 1040 | 500 | 540 | 720 | 1150 |



Ecodesign

| | |
|---------------------------------------|---------------------|
| Trademark | Blauberg |
| Model | Box 100x50 4D |
| Type of ventilation unit | Unidirectional |
| Type of drive installed | External MSD or VSD |
| Type of heat recovery system | None |
| Nominal flow rate (m ³ /s) | 2.294 |
| Nominal external pressure (Pa) | 880 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 55.5 |
| Declared typology | NRVU UVU |
| Sound power level (dB(A)) | 90 |
| Effective electric power input (kW) | 3.71 |

Accessories

Other accessories

| Name | Photo | Description |
|--------------------------|---|----------------------------|
| CDT E1.8 |  | Thyristor speed controller |