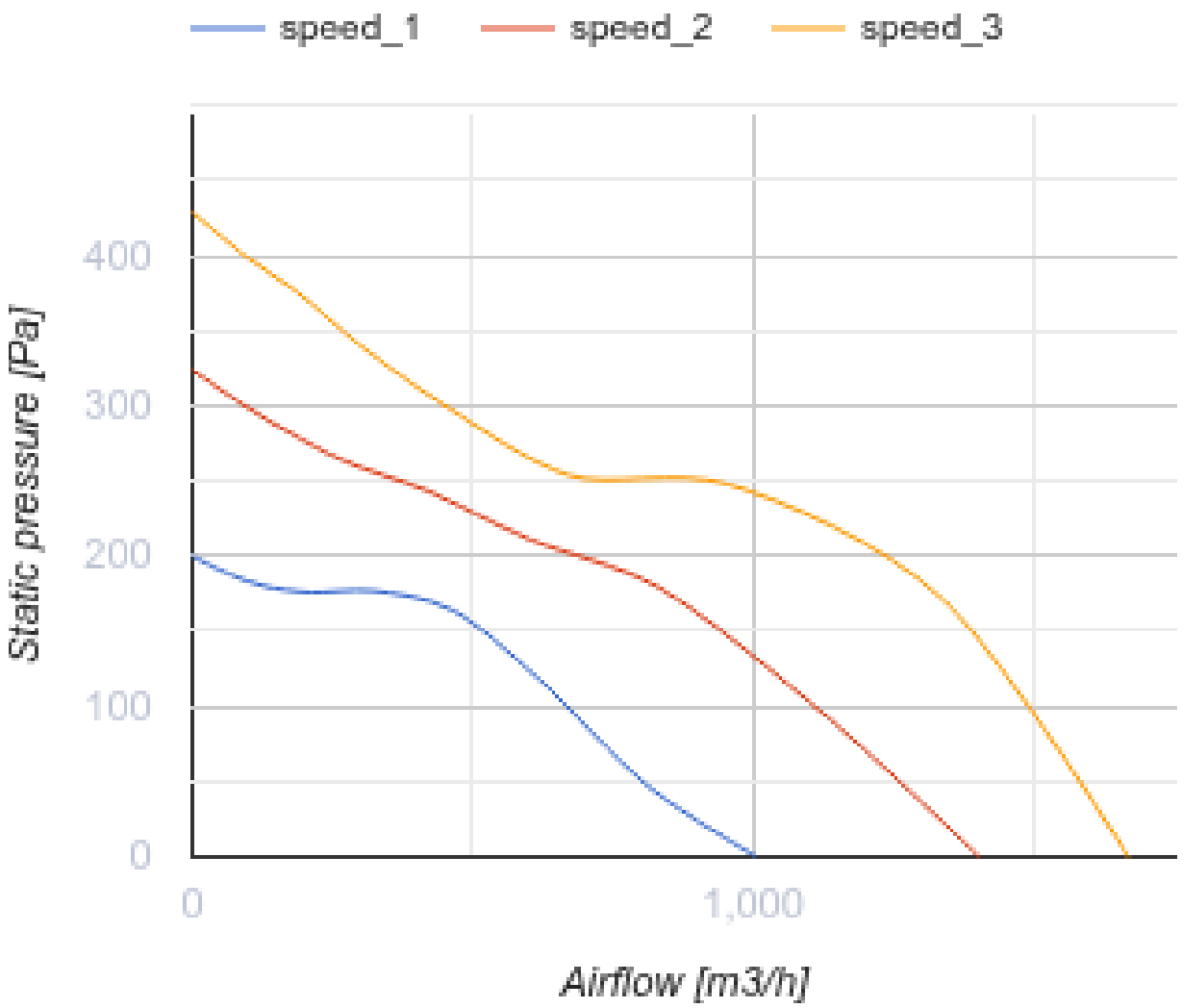


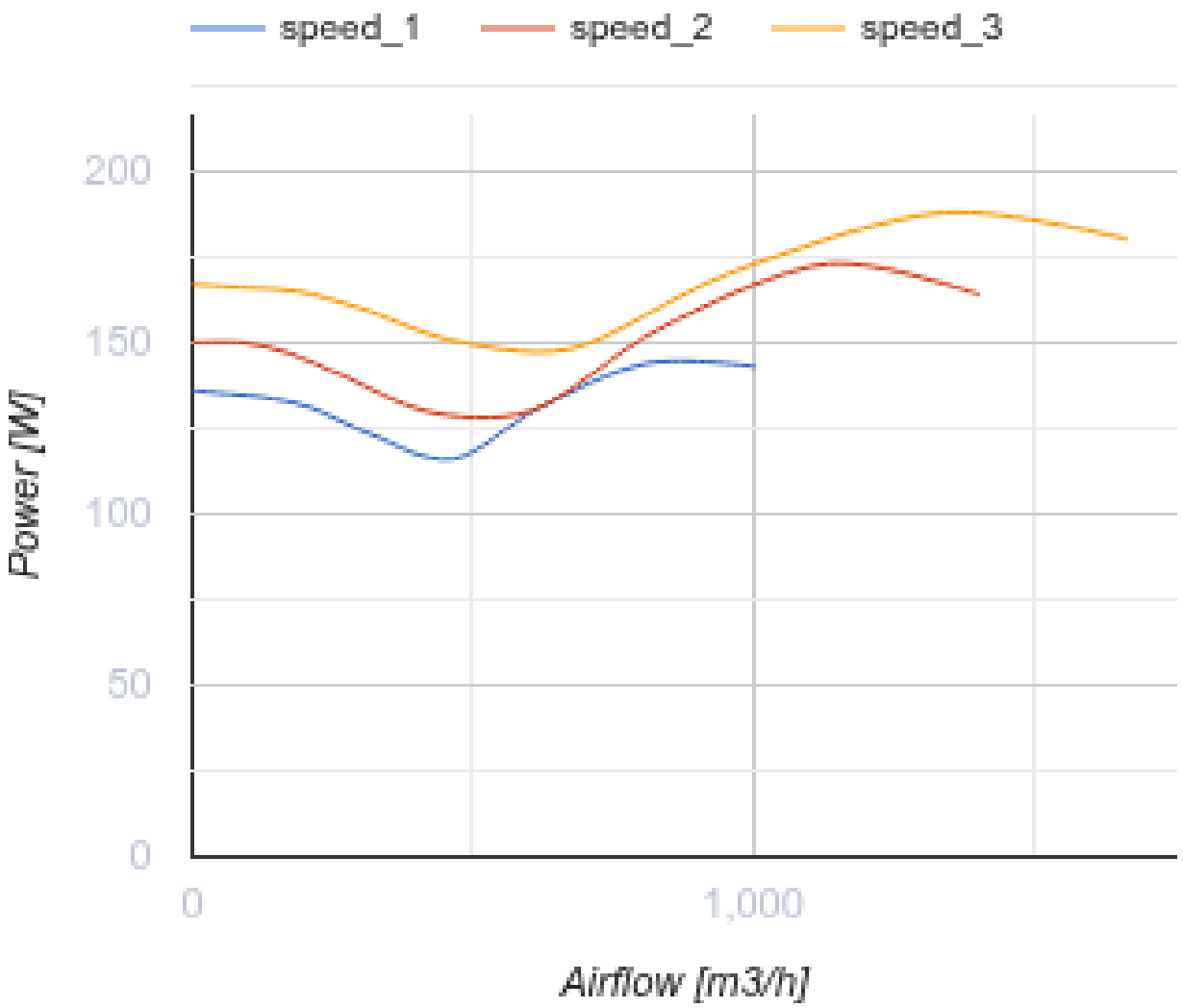
# Iso-Primo 250 G1

Mixed-flow inline fans in sound-insulated casings

- Sound-insulated casing
- Control: Speed controller
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position
- Cable with mains plug
- Temperature sensor: Remote

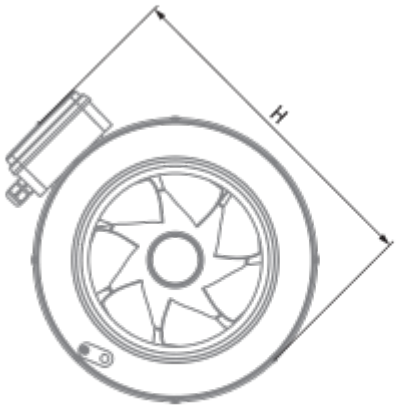
| | Unit of measurement | Iso-Primo 250 G1 | | |
|---|---|---|---|---|
| Speed | - | 1 | 2 | 3 |
| Phases | - | 1 | | |
| Minimum supply voltage | V | 230 | | |
| Maximum supply voltage | V | 230 | | |
| Power supply frequency | Hz | 50 | | |
| Maximum airflow | m³/h | 1007 | 1404 | 1670 |
| Weight | kg | 9.8 | | |
| Transported air temperature (max) | °C | 55 | | |
| Transported air temperature (min) | °C | -25 | | |
| Ambient air temperature min | °C | 1 | | |
| Ambient air temperature max | °C | 40 | | |
| Ingress protection rating | - | IPX4 | | |
| Ingress protection rating of the drive | - | IP20 | | |
| Impeller material | - | Plastic | | |

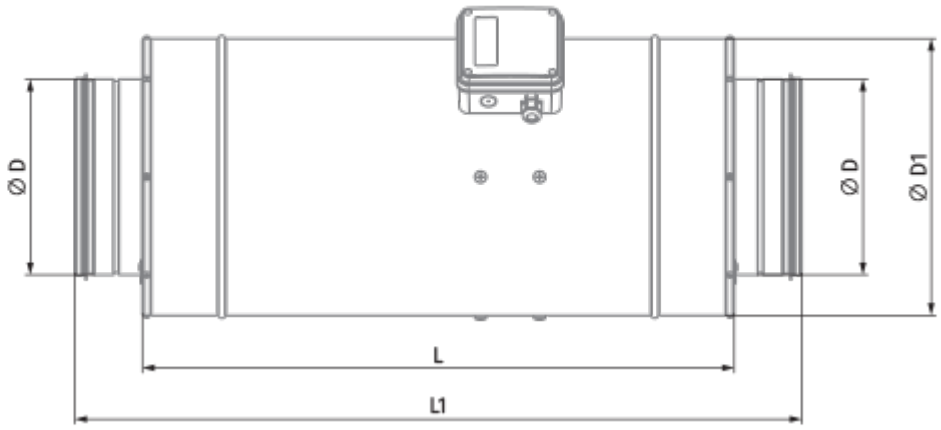

speed_1
speed_2
speed_3
400
300
200
100
0
Static pressure [Pa]
0
1,000
Airflow [m3/h]




## Dimensions

| ØD | ØD1 | H | L | L1 |
|---|---|---|---|---|
| 249 | 337 | 389 | 601 | 739 |


H


Ø D
Ø D
Ø D1
L
L1

## Ecodesign

| | |
|---|---|
| Trademark | Blauberg |
| Model | Iso-Primo 250 G1 |
| Type of drive installed | Integrated VSD |
| Type of heat recovery system | None |
| Nominal external pressure (Pa) | 248 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 39.5 |
| Declared typology | NRVU UVU |
| Effective electric power input (kW) | 0.17 |
| Sound power level (dB(A)) | 58 |

## Accessories

### For round ducts

| Name | Photo | Description |
|---|---|---|
| SD 250/600 |  | Silencers for round ducts |
| SD 250/900 |  | Silencers for round ducts |
| SD 250/1200 |  | Silencers for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| KFBK 250 |  | Filter boxes for round ducts |
| KFBT 250 G4 |  | Filter boxes with pocket filters for round ducts |
| KFBT 250 F5 |  | Filter boxes with pocket filters for round ducts |

| | | |
|---|---|---|
| KFBT 250 F7 |  | Filter boxes with pocket filters for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| VRV 250 |  | Backdraft dampers with spring for round ducts |
| VKA 250 |  | Air dampers for round ducts |

### Water heaters

| Name | Photo | Description |
|---|---|---|
| WKH 250-2 |  | Duct water heaters for round ducts |
| WKH 250-4 |  | Duct water heaters for round ducts |

### Electrical heaters

| Name | Photo | Description |
|---|---|---|
| EKH 250-1.2 |  | Duct electrical heaters for round ducts |
| EKH 250-2.0 |  | Duct electrical heaters for round ducts |
| EKH 250-2.4 |  | Duct electrical heaters for round ducts |
| EKH 250-3.0 |  | Duct electrical heaters for round ducts |
| EKH 250-3.6 |  | Duct electrical heaters for round ducts |
| EKH 250-6.0 |  | Duct electrical heaters for round ducts |

| | | |
|---|---|---|
| EKH 250-9.0 |  | Duct electrical heaters for round ducts |

### Speed controllers

| Name | Photo | Description |
|---|---|---|
| CDT E1.8 |  | Thyristor speed controller |
| CDT1 E1.5 |  | Multi-speed switches |
| CDTE E3.0 TP |  | Speed controllers |

### Speed control switches

| Name | Photo | Description |
|---|---|---|
| CDP-3/5 |  | Multi-speed switch |