

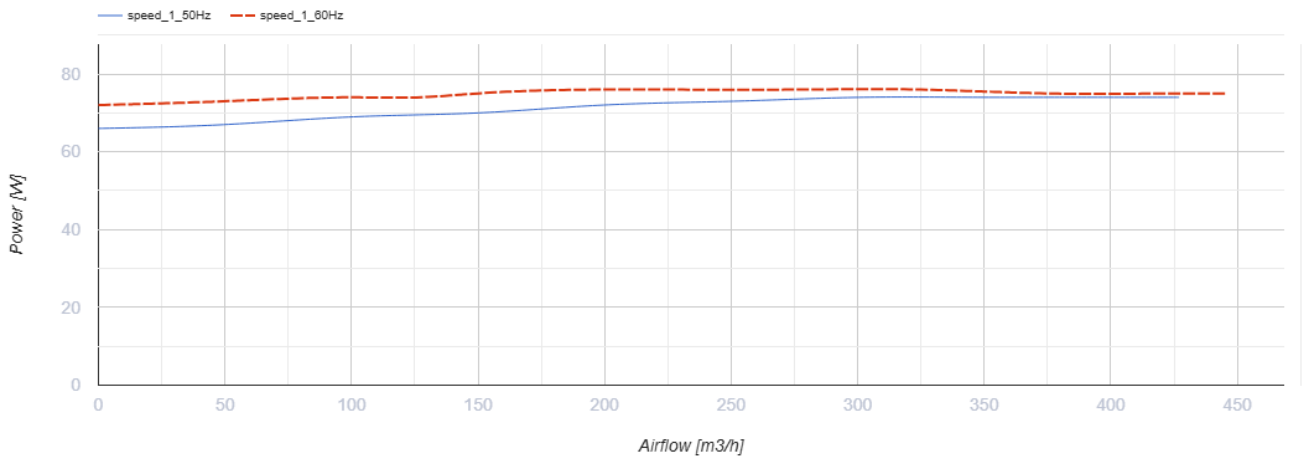
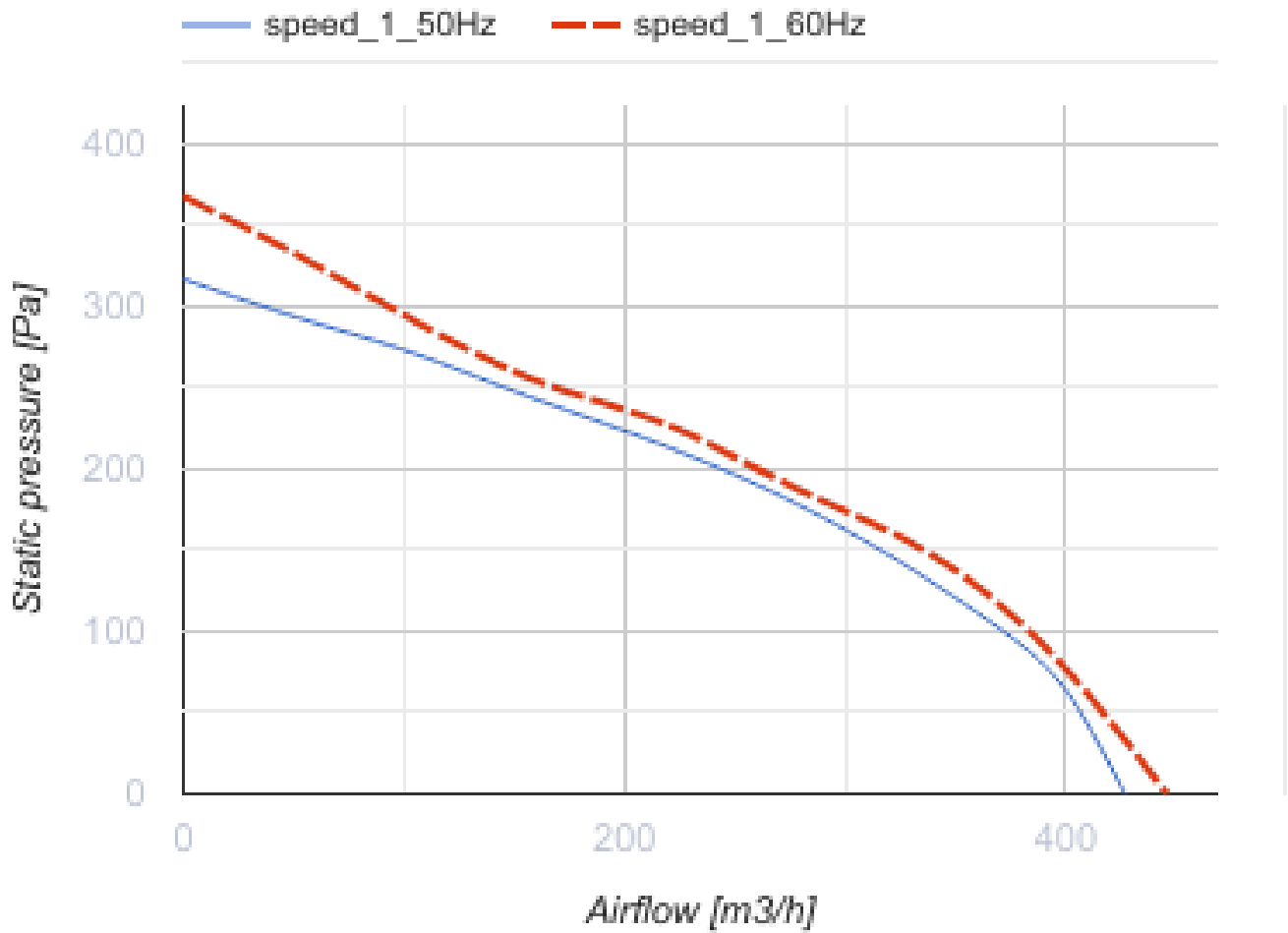
# KSB 160



Inline centrifugal fans in heat- and sound-insulated casing

- Maximum airflow: 420
- Sound pressure level LpA at 3 m: 36
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

|                                   | Unit of measurement | KSB 160 |
|-----------------------------------|---------------------|---------|
| Connected air duct size           | mm                  | 160     |
| Speed                             | -                   | 1       |
| Minimum supply voltage            | V                   | 220     |
| Maximum supply voltage            | V                   | 240     |
| Power supply frequency            | Hz                  | 50/60   |
| Rated power                       | W                   | 75      |
| Unit current                      | A                   | 0.33    |
| Maximum airflow                   | m <sup>3</sup> /h   | 420     |
| Sound pressure level LpA at 3 m   | dB(A)               | 36      |
| Weight                            | kg                  | 6.4     |
| Transported air temperature (max) | °C                  | 55      |
| Transported air temperature (min) | °C                  | -25     |
| Ingress protection rating         | -                   | IPX4    |

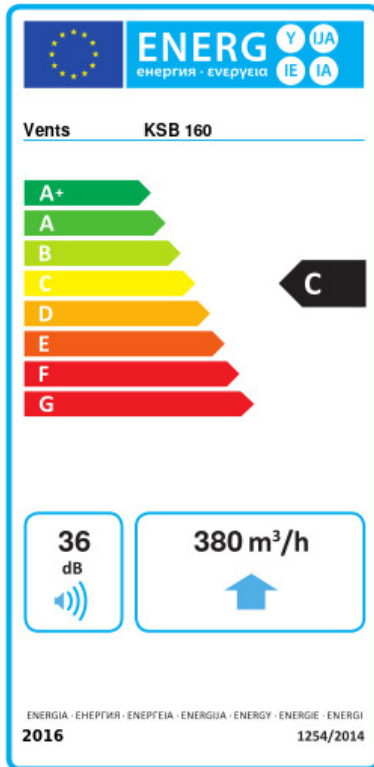


## Dimensions

| ∅D  | B   | B1  | H   | L   | L1  | L2  |
|-----|-----|-----|-----|-----|-----|-----|
| 159 | 352 | 310 | 212 | 477 | 410 | 380 |



## Ecodesign



|   |                      |    |         |   |      |   |
|---|----------------------|----|---------|---|------|---|
| Trademark   | Vents                |    |         |   |      |   |
| Model   | KSB 160              |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                 |    | Average |   | Warm |   |
|   | -52.5                | A+ | -25.4   | C | -9.9 | F |
| Type of ventilation unit                                    | Unidirectional       |    |         |   |      |   |
| Type of drive installed                                     | Multi-speed          |    |         |   |      |   |
| Type of heat recovery system                                | None                 |    |         |   |      |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 380                  |    |         |   |      |   |
| Electric power input (W)                                    | 75                   |    |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.074                |    |         |   |      |   |
| Reference pressure difference (Pa)                          | 50                   |    |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.155                |    |         |   |      |   |
| Control typology  | Local demand control |    |         |   |      |   |
| Maximum external leakage rates (%)                          | 2.7                  |    |         |   |      |   |
| Declared typology   | RVU UVU              |    |         |   |      |   |
| Sound power level (dB(A))                                   | 36                   |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                 |    | Average |   | Warm |   |
|   | 116                  |    | 116     |   | 116  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                 |    | Average |   | Warm |   |
|   | 5536                 |    | 2830    |   | 1280 |   |