



Helix 180x92 4E

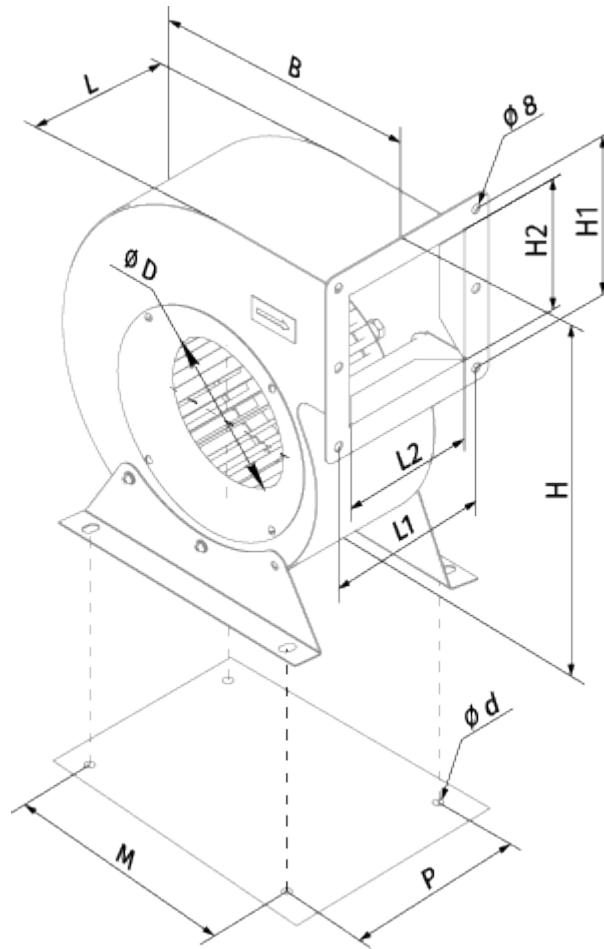
Centrifugal inline fans

- Maximum airflow: 800
- Sound pressure level LpA at 3 m: 62
- Motor type: AC
- Impeller type: Centrifugal forward curved blades
- Casing material: Coated steel

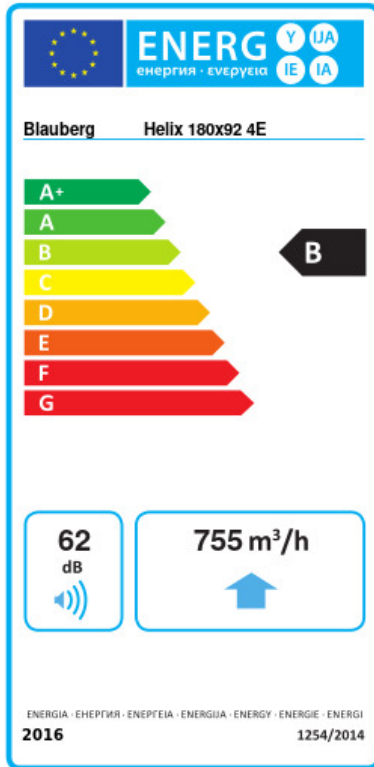
| | Unit of measurement | Helix 180x92 4E |
|--|---------------------|-----------------|
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 160 |
| Unit current | A | 0.7 |
| Maximum airflow | m ³ /h | 800 |
| Sound pressure level LpA at 3 m | dB(A) | 62 |
| Weight | kg | 7.1 |
| Transported air temperature (max) | °C | 45 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP44 |

Dimensions

| ∅ D | B | H | H1 | H2 | L | L1 | L2 |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 180 | 311 | 360 | 150 | 120 | 148 | 170 | 140 |



Ecodesign



| | | | | | | |
|---|----------------------|---------|-------|------|-------|---|
| Trademark | Blaubeerg | | | | | |
| Model | Helix 180x92 4E | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | Average | | Warm | | |
| | -53.2 | A+ | -26.1 | B | -10.6 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 755 | | | | | |
| Electric power input (W) | 160 | | | | | |
| Reference flow rate (m ³ /s) | 0.147 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.167 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 62 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | Average | | Warm | | |
| | 88 | 88 | | 88 | | |
| The annual heating saved (AHS) (kWh/a) | Cold | Average | | Warm | | |
| | 5536 | 2830 | | 1280 | | |

Accessories

Thyristor speed controllers

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